



Trip Generation and Parking Demand Surveys of Gymnasiums

Data and Analysis Report

people**trans**

Trip Generation and Parking Demand Surveys of Gymnasiums Data and Analysis Report

Client: Roads and Maritime
Services
Job Number: 14S160
Issue: B
Date: 27/11/14

Quality Record

Issue	Date	Details	Prepared By	Reviewed By	Approved By
B	27/11/14	Final	Matthew Houlden	Alan Stewart	

© PeopleTrans Pty Ltd 2014

The information and intellectual property contained in this document is the property of PeopleTrans Pty Ltd. Use or copying of this document in whole or in part without the written permission of PeopleTrans Pty Ltd constitutes an infringement of copyright. This document has been prepared for the exclusive use of the Client and PeopleTrans Pty Ltd accepts no liability or responsibility whatsoever for any use or reliance upon this document by any third party.

Table of Contents

1. Introduction	1
1.1 Background	1
1.2 Purpose of this Report	2
2. Survey Methodology	3
2.1 Site Selection	3
2.2 Survey Procedure	4
2.3 Survey Data	4
2.4 Questionnaire Methodology and Response Rate	5
3. Selected Sites	6
3.1 Bondi Gym – 32 Ebley Street, Bondi Junction	6
3.2 Body Health Fitness Centre – 200 Hurstville Road, Oatley	8
3.3 Fitness First Kings Cross - 8/82-94 Darlinghurst Road, Potts Point	10
3.4 Fitness First Platinum – 350 Eastern Valley Way, Chatswood	12
3.5 YMCA Morris lemma Indoor Sports Centre – 150 Belmore Road North, Riverwood	14
4. Survey Results	16
4.1 Site 1 – Bondi Gym	16
4.2 Site 2 – Body Health Fitness Centre	21
4.3 Site 3 – Fitness First Kings Cross	26
4.4 Site 4 – Fitness First Platinum Willoughby	33
4.5 Site 5 – YMCA Morris lemma Indoor Sports Centre	40
5. Comparison of 1993 Surveys and 2014 Surveys	47
5.1 Al's Gym (1993) vs Bondi Gym (2014)	47
5.2 Bodyheat (1993) vs Body Health Fitness Centre (2014)	49
5.3 Graphs of 1993 and 2014 Results	50
5.4 Summary of Results per 100m ²	53
6. Conclusions and Recommendations	55
6.1 Conclusions	55
6.2 Recommendations	56
7. How to read the detailed survey results	57

Appendices

Bondi Gym Survey Results

Body Health Fitness Centre Oatley Survey Results

Kings Cross Fitness First Survey Results

Fitness First Platinum Willoughby Survey Results

YMCA Morris lemma Indoor Sports Centre Survey Results

Tables

Table 1.1 – Mainstream Gymnasium (Established since 1993)	1
Table 3.1: Bondi Gym Site Information	7
Table 3.2: Body Health Fitness Centre Site Information	9
Table 3.3: Fitness First Kings Cross Site Information	11
Table 3.4: Fitness First Platinum Willoughby Site Information	13
Table 3.5: YMCA Morris lemma Indoor Sports Centre Site Information	15
Table 4.1: Bondi Gym - Mode of Transport Used	17
Table 4.2: Bondi Gym - Location of Car Parking	19
Table 4.3: Bondi Gym - Summary of All Postcodes (all people)	19
Table 4.4: Duration of Stay Summary - Bondi Gym	20
Table 4.5: Body Health Fitness Oatley - Mode of Transport Used	22
Table 4.6: Body Health Fitness Oatley - Location of Car Parking	24
Table 4.7: Duration of Stay Summary - Bondi Gym	24
Table 4.8: Boundary Road, Oatley - Tube Survey	25
Table 4.9: Kings Cross Fitness First - Mode of Transport Used	27
Table 4.10: Kings Cross Fitness First - Location of Car Parking	28
Table 4.11: Kings Cross Fitness First - Summary of All Postcodes (all people)	28
Table 4.12: Duration of Stay Summary – Kings Cross Fitness First	29
Table 4.13: Kings Cross Fitness First Weekly Person Demand	31
Table 4.14: Kings Cross Fitness First Weekly Person Demand Profile	31
Table 4.15: Kings Cross Fitness First Weekly Car Parking Demand	32
Table 4.16: Kings Cross Fitness First Weekly Car Parking Demand Profile	32
Table 4.17: Willoughby Fitness First Platinum - Mode of Transport Used	34
Table 4.18: Willoughby Fitness First Platinum - Location of Car Parking	35
Table 4.19: Willoughby Fitness First Platinum - Summary of All Postcodes (all people)	36
Table 4.20: Duration of Stay Summary - Willoughby Fitness First Platinum	37
Table 4.21: Eastern Valley Way Traffic Volumes during Gym Survey Monday 2/6/14	38
Table 4.22: Eastern Valley Way Traffic Volumes during Gym Survey Saturday 31/5/14	39
Table 4.23: MIISC - Mode of Transport Used	41
Table 4.24: MIISC - Location of Car Parking	43
Table 4.25: MIISC - Summary of All Postcodes (all people)	43
Table 4.26: Duration of Stay Summary - MIISC	44
Table 4.27: Belmore Road North Traffic Volumes during Gym Survey Monday 23/6/14	45
Table 4.28: Belmore Road North Traffic Volumes during Gym Survey Saturday 21/6/14	46
Table 5.1: Comparison of Al's Gym (1993) and Bondi Gym (2014) Survey Results	48

Table 5.2: Comparison of AI's Gym (1993) and Bondi Gym (2014) Survey Results	49
Table 5.3: Summary of Site Transport Survey Results per 100m ² GFA	53
Table 6.1: Summary of Peak Person Accumulation	56

Figures

Figure 2.1: Five Selected Survey Sites	4
Figure 3.1: Bondi Gym Site Location	6
Figure 3.2: Bondi Gym Outside	6
Figure 3.3: Bondi Gym Inside	6
Figure 3.4: Body Health Fitness Centre Site Location	8
Figure 3.5: Body Health Fitness Centre Outside	8
Figure 3.6: Body Health Fitness Centre Car Park	8
Figure 3.7: Fitness First Kings Cross Site Location	10
Figure 3.8: Fitness First Kings Cross Outside	10
Figure 3.9: Fitness First Kings Cross Inside	10
Figure 3.10: Fitness First Platinum Willoughby Site Location	12
Figure 3.11: Fitness First Platinum Willoughby	12
Figure 3.12: Fitness First Platinum Willoughby	12
Figure 3.13: YMCA Morris Iemma Indoor Sports Centre (MIISC) Site Location	14
Figure 3.14: MIISC looking from Belmore Road	14
Figure 3.15: MIISC looking towards Entrance	14
Figure 4.1: Bondi Gym People Movement Survey Monday 17/2/14	16
Figure 4.2: Bondi Gym People Movement Survey Saturday 22/2/14	17
Figure 4.3: Bondi Gym Total Vehicle Accumulation – Monday 17/2/14	18
Figure 4.4: Bondi Gym Total Vehicle Accumulation – Saturday 22/2/14	18
Figure 4.5: Bondi Gym – Postcodes of All Users	20
Figure 4.6: Body Health Fitness Centre People Movement Survey Monday 31/3/14	21
Figure 4.7: Body Health Fitness Centre People Movement Survey Saturday 22/2/14	22
Figure 4.8: Body Health Fitness Centre Oatley Total Vehicle Accumulation – Monday 31/3/14	23
Figure 4.9: Body Health Fitness Centre Oatley Total Vehicle Accumulation – Saturday 29/3/14	23
Figure 4.10: Kings Cross Fitness First People Movement Survey Tuesday 27/5/14	26
Figure 4.11: Fitness First Kings Cross People Movement Survey Saturday 24/5/14	26
Figure 4.12: Kings Cross Fitness First Total Vehicle Accumulation – Tuesday 27/5/14	27
Figure 4.13: Kings Cross Fitness First Total Vehicle Accumulation – Saturday 24/5/14	28
Figure 4.14: Kings Cross Fitness First - Postcodes of All Users	29
Figure 4.15: Fitness First Platinum Willoughby People Movement Survey Monday 2/6/14	33
Figure 4.16: Fitness First Platinum Willoughby People Movement Survey Saturday 31/5/14	33

Table of Contents

Figure 4.17: Willoughby Fitness First Platinum Total Vehicle Accumulation – Monday 2/6/14	34
Figure 4.18: Willoughby Fitness First Platinum Total Vehicle Accumulation – Saturday 31/5/14	35
Figure 4.19: Willoughby Fitness First Platinum – Postcodes of All Users	36
Figure 4.20: YMCA MIISC People Movement Survey Monday 23/6/14	40
Figure 4.21: MIISC People Movement Survey Saturday 21/6/14	41
Figure 4.22: MIISC Platinum Total Vehicle Accumulation – Monday 23/6/14	42
Figure 4.23: MIISC Total Vehicle Accumulation – Saturday 21/6/14	42
Figure 4.24: MIISC – Postcodes of All Users	44
Figure 5.1: Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Person Trips (PPT)	50
Figure 5.2: Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Vehicle Trips (PVT)	51
Figure 5.3: Regional Gymnasiums - Gross Floor Area (GFA) to Peak Parking Accumulation (PPA)	51
Figure 5.4: Sub-Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Person Trips (PPT)	52
Figure 5.5: Sub-Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Vehicle Trips (PVT)	52
Figure 5.6: Sub-Regional Gymnasiums - Gross Floor Area (GFA) to Peak Parking Accumulation (PPA)	53
Figure 5.7: Comparison of Gross Floor Area (GFA) and Peak Hourly Person Trips (PPT)	54

1. Introduction

1.1 Background

In 1993, the Roads and Traffic Authority of New South Wales, now known as Roads and Maritime Services (RMS), published a report that surveyed and analysed the operation of 21 gyms across Greater Sydney of differing sizes.

Our initial research, as it relates to the gyms previously surveyed in 1993 indicates that generally, the gym landscape has changed considerably in the last 20 years as indicated in Table 1.1.

The ownership and operation of gyms in Australia has been consolidated and the market is now dominated by large chains and there is a move to longer opening hours.

Table 1.1 – Mainstream Gymnasium (Established since 1993)

Item No	Gym Chain Name	Total No. in NSW	Approx. Date Established in Australia	Geographic Focus	Comments
1.	Curves	84	2006	Sydney Metro & Regional NSW	
2.	Plus Fitness (24/7)	43	1997	Sydney Metro	Expansion plans
3.	Fitness First	41	2000	Sydney Metro	
4.	Anytime Fitness (24hrs)	38	2008	Sydney Metro & Regional NSW	Expansion plans
5.	Jetts (24/7)	24	2007	Sydney Metro & Regional NSW	Expansion plans
6.	Fit n Fast	12	2010	Sydney Metro	Expansion plans
7.	Crunch	5	2011	Sydney Metro	Recently opened new sites
8.	Virgin Active	3	2008	Sydney Metro	Expansion plans

Many of the chains are actively expanding their geographic locations which will likely lead to further consolidation in the future and a further reduction of private operators.

Given the change in ownership, a move towards earlier, later and 24-hour opening times, RMS commissioned PeopleTrans to undertake a survey of five gymnasiums across Sydney.

The objectives of these surveys are reproduced from the brief as follows:

- (1) gather suitable all-mode trip generation and parking demand information at a limited number of gymnasiums in Sydney and regional centres
- (2) gather suitable information on the daily variability of at least one of the selected sites over seven days
- (3) tabulate and analyse the data to establish key statistical relationships
- (4) compare these relationships with the trip generation and parking demand information for this landuse in the 1993 study, which were used in the current *Guide*
- (5) report on the findings.

1.2 *Purpose of this Report*

The purpose of this report is to set out a summary of the data collected during all the surveys and to compare it to the previous surveys undertaken 1993.

The comparison will attempt to determine the validity or otherwise, of the previous survey results and identify if required, the need to undertake additional surveys of this land use.

2. Survey Methodology

2.1 *Site Selection*

PeopleTrans was requested to undertake surveys of at least two of the sites that were surveyed in 1993. Through an investigation of the 21 sites previously surveyed, it was determined that only 4 existed in a similar form as follows:

- ♦ Al's Gym at 32 Ebley Street, Bondi Junction – Now called Bondi Gym.
- ♦ Village Fitness Centre at 104 George Street, Hornsby – Now called Hornsby World of Fitness.
- ♦ Bodyheat at 1 Boundary Road, Oatley – Now Called Body Health Fitness Centre.
- ♦ Titan Fitness Centre at 629 Princes Highway, Rockdale.

Following discussion with RMS, it was agreed that PeopleTrans would survey two sites that were previously surveyed in 1993 and supplement that with three additional sites. The two sites that were previously surveyed in 1993 that were agreed to be surveyed again were Bondi Gym in Bondi Junction and Body Health Fitness Centre in Oatley.

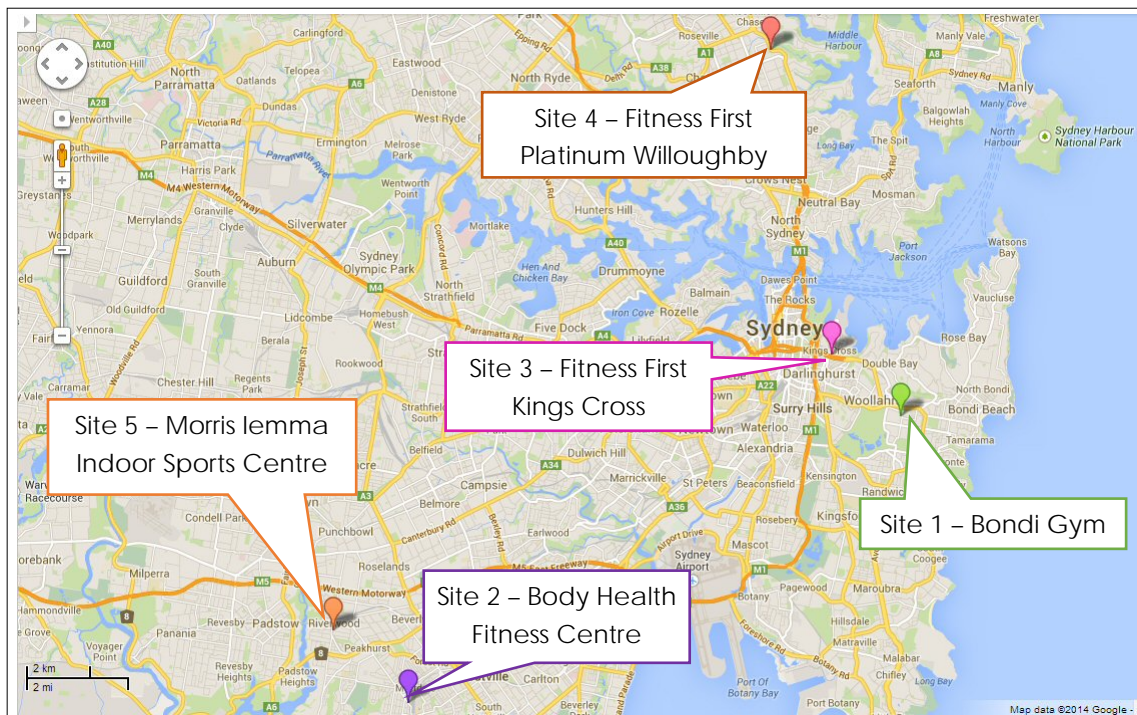
Following extensive inquiries¹, approval was granted to survey the following additional sites:

- ♦ Fitness First Kings Cross – 8/82-94 Darlinghurst Road, Potts Point
- ♦ Fitness First Platinum Willoughby - 350 Eastern Valley Way, Chatswood
- ♦ Morris Iemma Indoor Sports Centre – 150 Belmore Road North, Riverwood

The five selected sites incorporate a mixture of gymnasiums that are stand-alone and which are accessed primarily by car (three sites) and two sites that are located within larger centres and are primarily accessed by other modes of transport. The location of the five selected sites are shown in Figure 2.1.

¹ Virgin Active and Anytime Fitness declined to participate in this study.

Figure 2.1: Five Selected Survey Sites



2.2 Survey Procedure

Following a discussion with each gymnasium manager, the busiest weekday and weekend day was established. For the busiest weekday, the site was surveyed during the morning, mid-morning / lunchtime peak and the evening peak. For a Saturday, the morning peak was surveyed which often extended into the mid-morning. More information on the specific survey hours for each site is set out in more detail later in this report.

A PeopleTrans survey staff member was stationed at each gymnasium entrance to record the total movement of people in and out in each 15 minute period as well as to interview members about their travel habits and duration of stay within the gymnasium.

2.3 Survey Data

2.3.1 Site Specific Data

The following site specific data was collected from each gymnasium:

- ◆ Floor areas
- ◆ Number of members
- ◆ Hours of operation
- ◆ The typical number of permanent staff members during survey periods.

It is noted that some information, despite numerous follow-ups, was not provided by the gymnasium operators however sufficient information was collected to enable appropriate conclusions to be made.

2.3.2 *Site Activity Data*

For the peak hours agreed with the each gymnasium manager, the following was recorded:

- ◆ Total gymnasium entries and exits in 15 minute intervals
- ◆ If applicable, car park entries and exits in 15 minute intervals
- ◆ The method of travel to the gymnasium for as many members as possible
- ◆ If applicable, whether members visited any other uses in the immediate vicinity of the gymnasium to determine what level of trip discount could be applied to car movements.
- ◆ If applicable, whether members had for example driven to their workplace in the immediate vicinity of the gymnasium and had walked to the gymnasium.
- ◆ How long each member planned to stay for or if interviewed when departing, how long each member stayed for.
- ◆ Where possible, each member's postcode.

2.4 *Questionnaire Methodology and Response Rate*

A PeopleTrans staff member was positioned at each entry point to the gymnasium and attempted to survey each member upon entry. Response rates varied at each gymnasium as a result of the number of members, how late they were for classes or members simply not wanting to be a part of the survey.

However, for each gymnasium, it is considered that sufficient members were interviewed to be able to adequately determine its trip generation characteristics.

3. Selected Sites

3.1 Bondi Gym – 32 Ebley Street, Bondi Junction

The location of Bondi Gym is shown in Figure 3.1 to Figure 3.3.

Figure 3.1: Bondi Gym Site Location

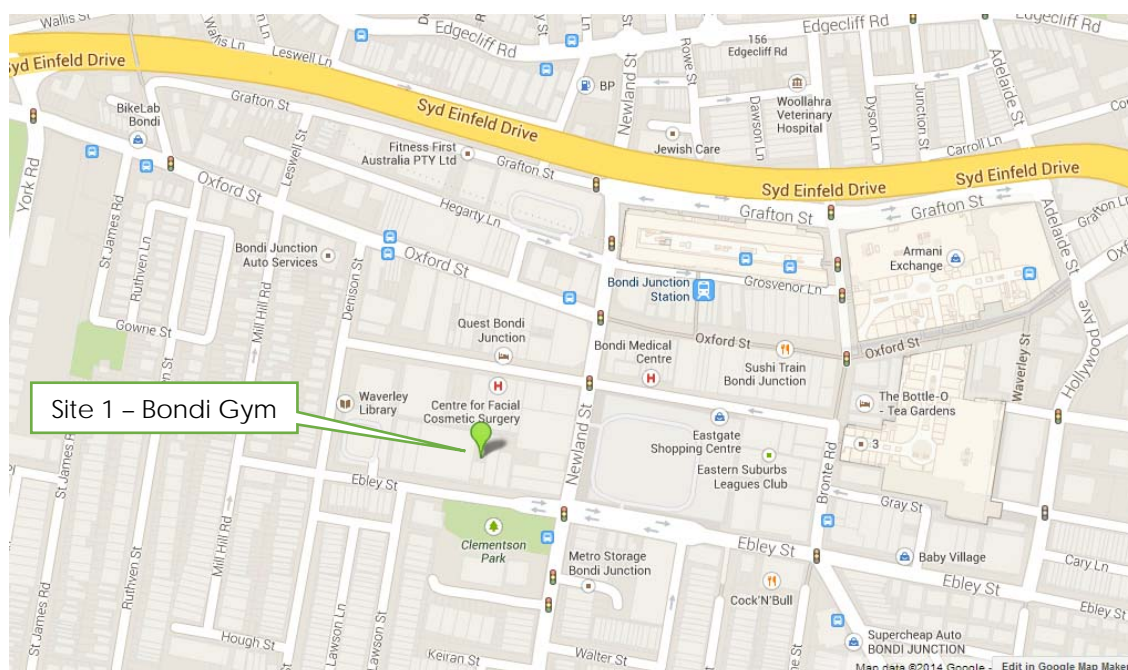


Figure 3.2: Bondi Gym Outside



Figure 3.3: Bondi Gym Inside



A summary of the key characteristics and site information for Bondi Gym is provided in Table 3.1.

Selected Sites

Table 3.1: Bondi Gym Site Information

Site Description	<p>Bondi Gym is located on Ebley Street between Newland Street and Lawson Street, on the south-western edge of the Bondi Junction Town Centre.</p> <p>There are two other gymnasiums in the same section of Ebley Street and a range of commercial uses surround the gymnasium to the north with a park and mainly residential uses to the south. Bondi Junction train and bus interchange is approximately a 400m walk from the site.</p> <p>The gymnasium building is two levels and has the gymnasium, equipment and a small class room on the ground floor with a mixed martial arts school, Igor MMA, on the upper level along with the male change rooms. Although the lower level gymnasium and upper level MMA school operate independently to an extent, all members of the MMA school are allowed to use the gymnasium and due to the operation of the MMA school which typically operates classes, it can be considered to operate in the same manner as the site did in 1993 or as a single large gymnasium, rather than two separate entities.</p> <p>The site also contains a massage / osteopath on-site however for traffic generation purposes, it can be considered to operate separately.</p>
Gym Floor Areas (approx. GFA)	<p>Workout 614m² (380m² for Gymnasium and 234m² for MMA class area)</p> <p>Classes 41m²</p> <p>Change Rooms 97m²</p> <p>Reception, Welcome, Walkways 147m²</p> <p>Staff 61m²</p> <p><u>Other 10m²</u></p> <p>Total 970m²</p>
Hours of Operation	<p>Monday to Thursday 6:00am-9.30pm</p> <p>Friday 6:00am-8.30pm</p> <p>Saturday 7:00am-7:00pm</p> <p>Sunday 8:00am-2:00pm</p>
On-site Parking	0 cars, 1 motorcycle / scooter
Off-site Parking	Public street parking available (time restricted), Off-street public car parks
Number of Employees	<p>Varies across the day however typically 6 combined for the gymnasium and MMA School at peak times.</p> <p>Does not include personal trainers who are contractors</p>
Additional Site Uses	Osteopath on-site. From a traffic generation perspective, runs independently of the gymnasium.
Public Transport Accessibility Score	<p>The gymnasium is walking distance from Bondi Junction Railway Station and bus interchange which is a major hub for the eastern suburbs of Sydney. The site has excellent access to public transport.</p> <p>0.9</p>
Members	910 – Includes gymnasium and MMA school. All members of the MMA school can use the gymnasium as part of their membership.

3.2 *Body Health Fitness Centre – 200 Hurstville Road, Oatley*

The location of Body Health Fitness Centre is shown in Figure 3.4 to Figure 3.6.

Figure 3.4: Body Health Fitness Centre Site Location

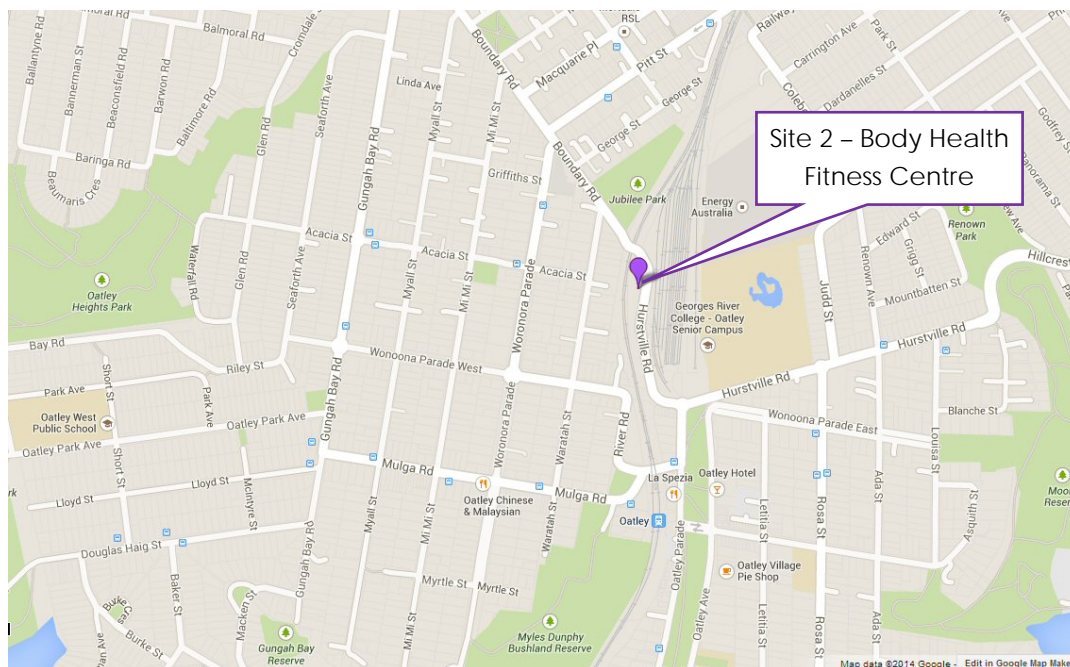


Figure 3.5: Body Health Fitness Centre Outside



Figure 3.6: Body Health Fitness Centre Car Park



Table 3.2: Body Health Fitness Centre Site Information

Site Description	<p>Body Health Fitness Centre is located approximately 500m walking distance from Oatley Station. To the north, west and south are mainly residential areas. To the east is the Sydney Trains Mortdale Maintenance Depot, Ausgrid Oatley Depot and the Georges River College – Oatley Senior Campus.</p> <p>The building is stand-alone and two-levels with the majority of the gymnasium equipment on the ground floor and classes on the upper floor.</p>
Gym Floor Areas (approx. GFA)	<p>Workout 435m² (includes squash court of 63m²)</p> <p>Classes 230m²</p> <p>Change Rooms 60m²</p> <p>Reception, walkways 100m²</p> <p>Staff 45m²</p> <p>Child care 30m²</p> <p><u>Other 5m²</u></p> <p>Total 905m²</p>
Hours of Operation	Monday to Thursday 6:00am to 9:30pm, Friday 6:00am to 8:00pm, Saturday 7:30am to 6:00pm, Sunday 8:00am to 10:00am and 3:30pm to 7:00pm
On-site Parking	21 car parking spaces
Off-site Parking	Street parking available. Mixture of 2P adjacent to the gymnasium and unrestricted parking on Boundary Road.
Typical Number of Employees	1 to 3
Additional Site Uses	<p>Free Child Minding</p> <p>Monday 9:00am to 11:30am, Tuesday and Thursday 9:00am to 11:30am and 5:30pm to 7:30pm, Wednesday and Friday 9:00am to 11:30am, Saturday 8:00am to 11:00am</p> <p>Squash Court</p> <p>Same opening hours as the gymnasium.</p>
Public Transport Accessibility Score	<p>The gymnasium is walking distance to Riverwood Railway Station (approximately 500m) and has limited bus service. The site is in a primarily residential area with limited public transport.</p> <p>0.2</p>
Number of Members	575

3.3 Fitness First Kings Cross - 8/82-94 Darlinghurst Road, Potts Point

The location of Fitness First Kings Cross is shown in Figure 3.7 to Figure 3.9.

Figure 3.7: Fitness First Kings Cross Site Location

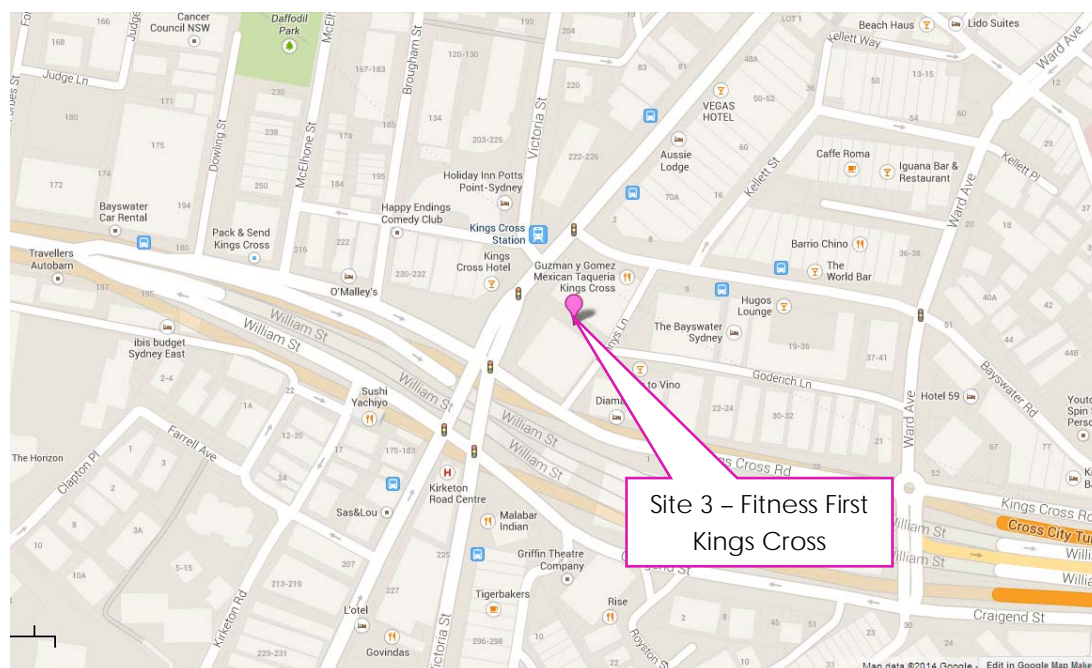


Figure 3.8: Fitness First Kings Cross Outside



Figure 3.9: Fitness First Kings Cross Inside

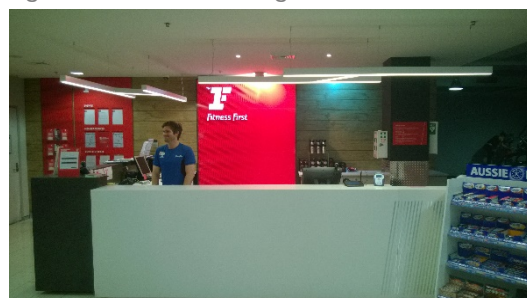


Table 3.3: Fitness First Kings Cross Site Information

Site Description	<p>Fitness First Kings Cross is located on three floors of the Kingsgate Building on the corner of Darlinghurst Road and Bayswater Road. The site is located within the busy Kings Cross precinct which contains a mixture of land uses and is close to Kings Cross Railway Station and nearby bus stops.</p> <p>Surrounding Kings Cross is a dense residential population in a range of dwelling types. A large range of cardio, weights and other exercise equipment is provided across all three levels with a large class room and spin room provided on the lower level of the gymnasium.</p>
Gym Floor Areas (approx. GFA)	<p>Workout 1,345m²</p> <p>Classes 445m²</p> <p>Change Rooms 345m²</p> <p>Reception, Welcome, Walkways 190m²</p> <p>Staff 130m²</p> <p><u>Other 145m²</u></p> <p>Total 2,600m²</p>
Hours of Operation	Monday to Wednesday 6:00am to 10:00pm, Thursday 6:00am to 9:00pm, Friday 6:00am to 9:00pm, Saturday 7:00am to 7:00pm, Sunday 8:00am to 7:00pm
On-site Parking	None
Off-site Parking	Time restricted on-street parking and limited private ticket off-street car parks
Typical Number of Employees	<p>5 to 8</p> <p>Does not include personal trainers who are contractors</p>
Additional Site Uses	None
Public Transport Accessibility Score	<p>The gymnasium is close to Kings Cross Railway Station and a number of bus routes that service the Kings Cross area.</p> <p>0.75</p>
Number of Members	2,900

Selected Sites

3.4 *Fitness First Platinum – 350 Eastern Valley Way, Chatswood*

The location of Fitness First Platinum Willoughby is shown in Figure 3.10 to Figure 3.12.

Figure 3.10: Fitness First Platinum Willoughby Site Location



Figure 3.11: Fitness First Platinum Willoughby



Figure 3.12: Fitness First Platinum Willoughby



Table 3.4: Fitness First Platinum Willoughby Site Information

Site Description	Fitness First Platinum Willoughby is located approximately 2km west of the Chatswood Town Centre. It sits at the southern end of a commercial area comprising business park / light industrial / bulky goods retail uses. To the west and south area mainly residential areas and to the east on the opposite side of Eastern Valley Way is the Willis Recreation and Sports Centre and sporting fields which are managed by the Willoughby City Council.
Gym Floor Areas (approx. GFA)	Workout 1,330m ² Classes 480m ² Change Rooms 420m ² Reception, Welcome, Walkways 485m ² Staff 170m ² Store 165m ² Crèche 80m ² Chiropractor 85m ² Swimming Pool and Related Area 405m ² <u>Other 80m²</u> Total 3,700m ²
Hours of Operation	Opening times - Mon - Thu: 05:30 - 22:00, Fri: 05:30 - 21:00, Sat - Sun: 07:00 - 18:00
On-site Parking	Multi-storey Car Park – 140 standard spaces, 2 disabled spaces Front of Building – 2 disabled spaces, 1 loading space Total of 145 spaces associated with the gymnasium building Bicycle Parking for 5 bicycles within the car park.
Off-site Parking	Unrestricted parking is available on Eastern Valley Way outside clearway times (6:00am to 10:00am southbound and 3:00pm to 7:00pm northbound). Parking is also available in the sportsground off-street car park opposite the gymnasium. Although not typically available, when nearby businesses are closed, additional parking is available off-street within the business park adjacent to the gymnasium car park.
Typical Number of Employees	3 to 8 Does not include personal trainers who are contractors.
Additional Site Uses	Free Child Care - Mon - Fri: 08:00 - 12:30, Sat: Closed, Sun: 08:00 - 11:30 Chiropractor – Runs independently of the gymnasium – By appointment only.
Public Transport Accessibility Score	The gymnasium is close to a number of strategic bus corridors which link the Northern Beaches with Chatswood and the City. No railway station is close enough to service the gymnasium directly. 0.9
Number of Members	3,200

Selected Sites

3.5 YMCA Morris lemma Indoor Sports Centre – 150 Belmore Road North, Riverwood

The location of the YMCA Morris lemma Indoor Sports Centre (MIISC) is shown in Figure 3.13 to Figure 3.15.

Figure 3.13: YMCA Morris lemma Indoor Sports Centre (MIISC) Site Location

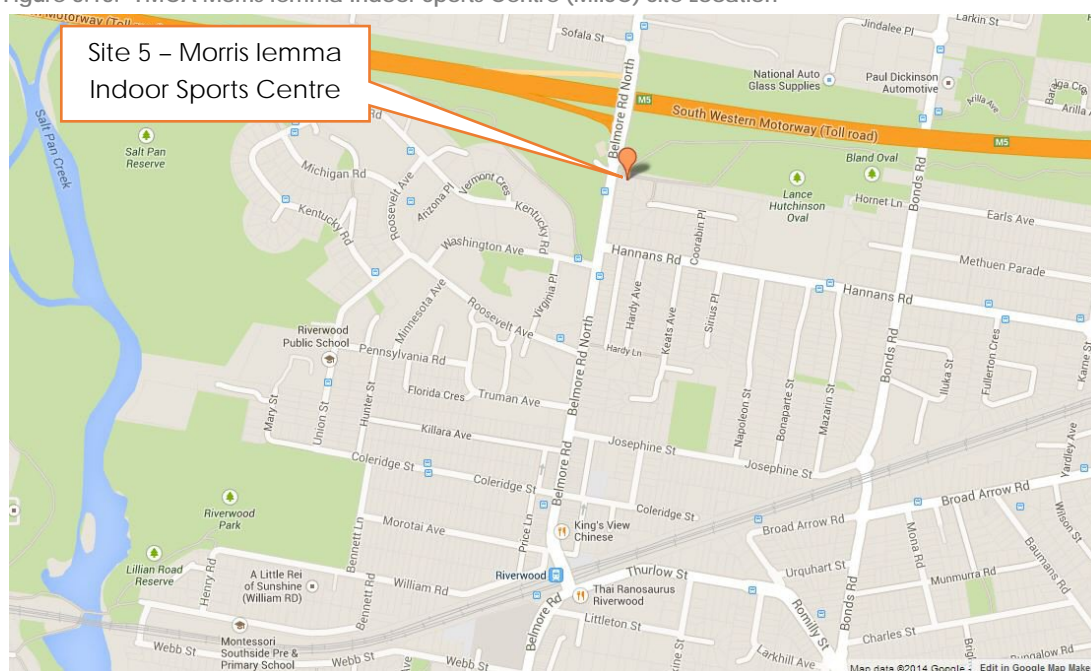


Figure 3.14: MIISC looking from Belmore Road



Figure 3.15: MIISC looking towards Entrance



Table 3.5: YMCA Morris Iemma Indoor Sports Centre Site Information

Site Description	The YMCA Morris Iemma Indoor Sports Centre was opened in 2011 after construction by the Canterbury City Council and is a purpose built community facility. The Centre is managed by the YMCA and sits within a primarily residential area, approximately 900m north of Riverwood Railway Station. To the north beyond the M5 which borders the site, is an industrial area and residential area on each side of Belmore Road North, to the east, west and south there are mainly residential areas however immediately east there are some sporting fields and to the west is the Riverwood Community Centre which also contains a skate park.
Gym Floor Areas (approx. GFA)	Workout 520m ² , Class 250m ² , Change Rooms 210m ² Reception and walkways 380m ² Staff 160m ² , Store 135m ² Crèche 70m ² Multi-use area 1,460m ² <u>Other 15m²</u> Total 3,200m ²
Hours of Operation	Monday to Friday 6:00am to 10:00pm, Saturday and Sunday 8:00am to 6:00pm
On-site Parking	Total of 141 spaces incorporating 136 unrestricted spaces and 5 disabled spaces. A total of 4 motorcycle spaces are also provided as well as a loading zone adjacent to the main entrance. Parking for 11 bicycles is provided near the site entrance.
Off-site Parking	Unrestricted on-street parking is available outside morning and evening commuter peak periods.
Typical Number of Employees	Typically 4 to 10 staff
Additional Site Uses	Café, 2 Multi-purpose Indoor Sporting Courts, crèche, Competitions: <ul style="list-style-type: none"> ◆ Monday Night Futsal - Game times: 7pm, 7.40pm, 8.20pm & 9pm ◆ Wednesday Night Futsal - Game times: 7pm, 7.40pm, 8.20pm & 9pm ◆ Wednesday Night Netball - Game times: 6.30pm, 7.15pm, 8.00pm, 8.45pm & 9.30pm ◆ Thursday Night Futsal - Game times: 7pm, 7.40pm, 8.20pm & 9pm ◆ Friday Daytime Netball - Game times: 9.30am, 10.15am, 11.00am & 11.45am Multi-purpose courts are available for public hire outside gymnasium class times.
Public Transport Accessibility Score	0.2
Number of Members	1,400 (approximate number of people and includes family and individual memberships) 280 additional members of sports competitions 50 casual visits per month on average

4. Survey Results

4.1 Site 1 – Bondi Gym

4.1.1 Survey Hours

Bondi Gym was surveyed at the following times:

- ♦ Monday 17 February 2014 – 6:00am to 8:00am, 11:30am to 1:30pm, 5:00pm to 7:45pm
- ♦ Saturday 22 February 2014 – 7:00am to 12:00pm

One PeopleTrans staff member was located at the entry to the gymnasium and attempted to survey as many people as possible. The results are set out in the following sections with full survey results provided in Appendix A.

4.1.2 People Movement Survey

The number of people entering and exiting the gymnasium was recorded during the survey hours in 15 minute intervals. The results are summarised in Figure 4.1 and Figure 4.2 with full results provided in Appendix A.

Figure 4.1: Bondi Gym People Movement Survey Monday 17/2/14

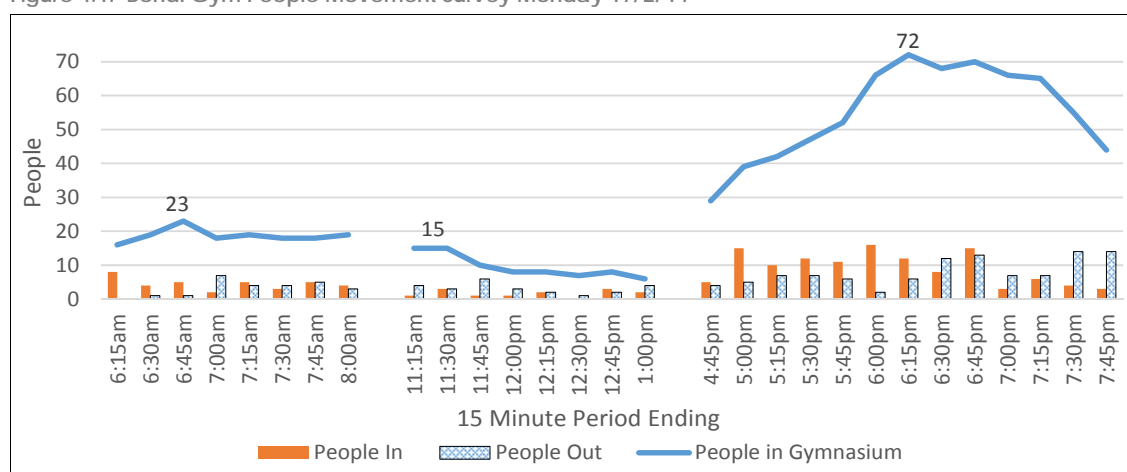


Figure 4.1 indicates that the peak time for Bondi Gym on a Monday was during the evening peak period where a maximum of 72 people were recorded in the gymnasium. This occurred at 6:15pm.

Figure 4.2: Bondi Gym People Movement Survey Saturday 22/2/14

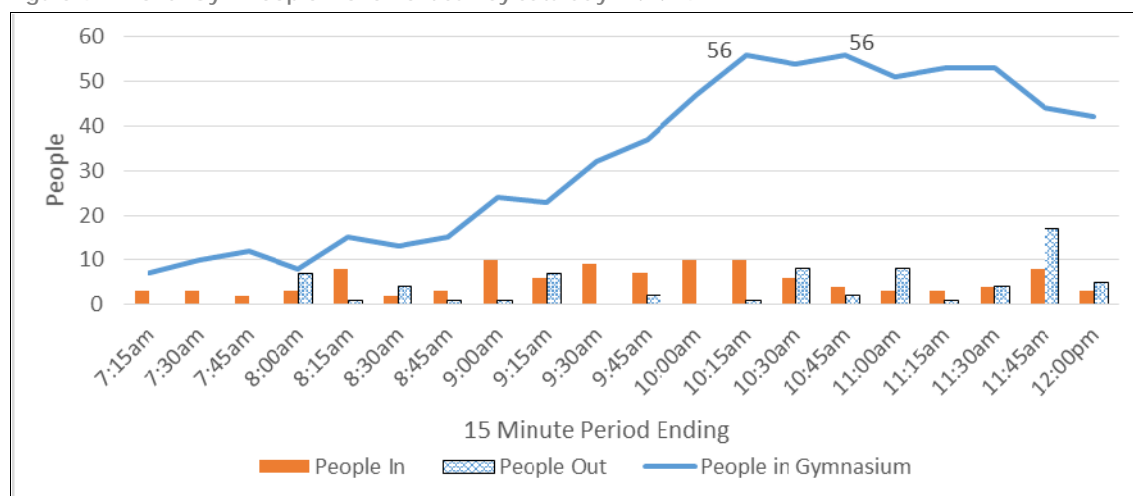


Figure 4.2 indicates that on a Saturday morning the maximum number of people recorded was 56. This occurred at 10:15am and 10:45am.

4.1.3 Mode of Transport taken to Gymnasium

Based on the interviews and observations, Table 4.1 provides a summary of the mode of transport used by all people surveyed entering the gymnasium.

Table 4.1: Bondi Gym - Mode of Transport Used

Survey Period	Walk	Bike	Train	Bus	Car Driver	Car Passenger	Motorcycle	Taxi
Mon AM	10 (31%)	1 (3%)	0 (0%)	3 (9%)	15 (47%)	0 (0%)	1 (3%)	2 (6%)
Mon Mid	5 (50%)	0 (0%)	0 (0%)	1 (10%)	3 (30%)	0 (0%)	1 (10%)	0 (0%)
Mon PM	18 (30%)	2 (3%)	5 (8%)	5 (8%)	23 (38%)	4 (7%)	3 (5%)	0 (0%)
Mon Total	33 (32%)	3 (3%)	5 (5%)	9 (9%)	41 (40%)	4 (4%)	5 (5%)	2 (2%)
Saturday	16 (29%)	2 (4%)	3 (5%)	4 (7%)	24 (43%)	5 (9%)	1 (2%)	1 (2%)
Total Average [1]	31%	3%	5%	8%	41%	6%	4%	2%

[1] Value is based on the total recorded users of each mode over both survey days and not an average of each percentage.

Table 4.1 indicates that for both survey days, a total of 41% of all people drove, 31% walked with public transport accounting for 13% of trips to the gymnasium.

Survey Results

4.1.4 **Vehicle Accumulation and Parking**

Based on the person accumulation and percentage of car driver recorded during each survey period, an assessment of the total vehicle accumulation associated with the gymnasium can be made. This is illustrated in Figure 4.3 and Figure 4.4.

Figure 4.3: Bondi Gym Total Vehicle Accumulation – Monday 17/2/14

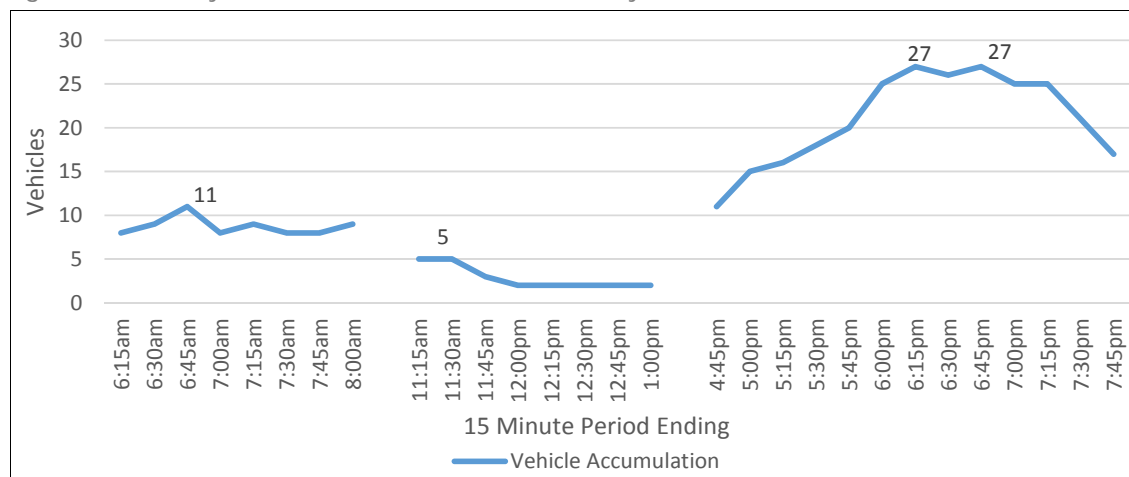


Figure 4.4: Bondi Gym Total Vehicle Accumulation – Saturday 22/2/14

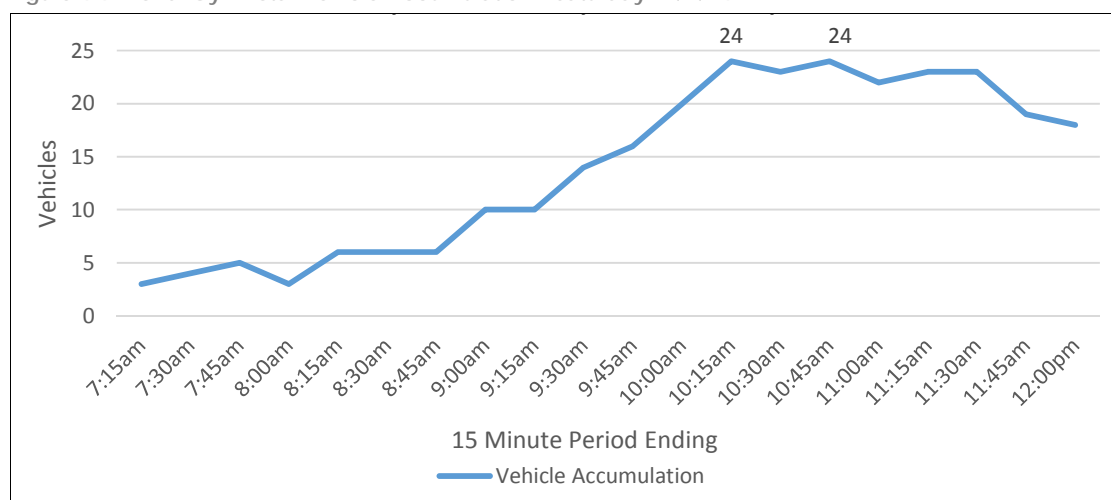


Figure 4.3 and Figure 4.4 indicate that parking accumulation for the site peaks on a Monday evening at 6:15pm and 6:45pm with a total of 27 vehicles and on a Saturday morning at 10:15am and 10:45am with a total of 24 vehicles.

For people that drove to the gymnasium, the location they parked their vehicle is summarised in Table 4.2.

Table 4.2: Bondi Gym - Location of Car Parking

Survey Period	Vehicles Parked Off-Street	Vehicles Parked On-Street
Monday AM	6 (43%)	8 (57%)
Monday Mid	1 (33%)	2 (67%)
Monday PM	17 (68%)	8 (32%)
Monday Total	24 (57%)	18 (43%)
Saturday	11 (46%)	13 (54%)
Total	35 (53%)	31 (47%)

Table 4.2 indicates that for all people surveyed across both survey days, 53% of vehicles were parked in off-street car parks with 47% parked on-street.

4.1.5 *Gymnasium User Postcode*

A summary of the postcodes identified by all people interviewed is summarised in Table 4.3.

Table 4.3: Bondi Gym - Summary of All Postcodes (all people)

Postcode / Suburb of all People Interviewed	Total	Percentage
2022 - Bondi Junction, Queens Park	34	23%
2026 - Bondi, Bondi Beach, North Bondi, Tamarama	32	21%
2031 - Clovelly, Randwick	12	8%
2024 - Bronte, Charing Cross, Waverley	10	7%
2021 - Paddington	9	6%
2023 - Bellevue Hill	6	4%
2029 - Rose Bay	5	3%
2025 - Woollahra	4	3%
2033 - Kensington	4	3%
Others (23 postcodes)	35	23%

The data is represented graphically in Figure 4.5.

Figure 4.5: Bondi Gym – Postcodes of All Users

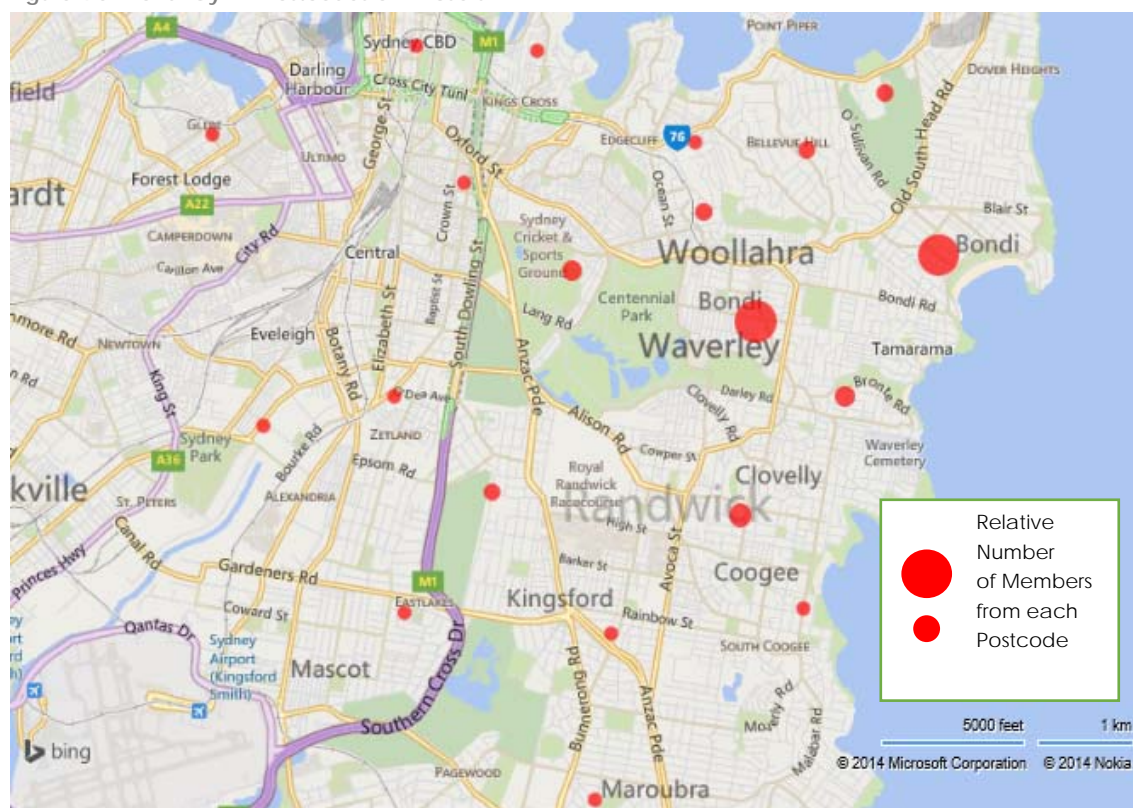


Table 4.3 and Figure 4.5 indicate that the majority of people interviewed live within 3km of Bondi Gym.

4.1.6 *Duration of Stay*

Duration of stay for all people entering the gymnasium was recorded by one of the following methods:

- ◆ Asking people to estimate their duration of stay upon entry.
- ◆ Asking people what time they arrived if the interview occurred when they left the gymnasium.
- ◆ Recording a person's duration of stay without asking them. This would usually only occur if they did not want to be part of the survey or parked in a location that could be recorded from the survey location.

A summary of the duration of stay at Bondi Gym for all users, not including staff or deliveries, is provided in Table 4.4.

Table 4.4: Duration of Stay Summary - Bondi Gym

Survey Period	Average Duration of Stay (minutes) [1]
Monday AM	59
Monday Mid	66
Monday PM	78
Saturday	77
Average	70

[1] Does not include staff, personal trainers or deliveries

Survey Results

Table 4.4 indicates that the shortest recorded average duration of stay was on a Monday morning with the longest duration of stay occurring Monday evening.

4.2 Site 2 – Body Health Fitness Centre

4.2.1 Survey Hours

Body Health Fitness Centre was surveyed at the following times:

- ◆ Monday 31 March 2014 – 6:00am to 8:00am, 9:15am to 11:30am, 4:45pm to 7:45pm
- ◆ Saturday 29 March 2014 – 7:30am to 11:15am

One PeopleTrans staff member was located at the entry to the gymnasium and attempted to survey as many people as possible. The results are set out in the following sections with full survey results provided in Appendix B.

4.2.2 People Movement Survey

The number of people entering and exiting the gymnasium was recorded during the survey hours in 15 minute intervals. The results are summarised in Figure 4.6 and Figure 4.7 with full results provided in Appendix B.

Figure 4.6: Body Health Fitness Centre People Movement Survey Monday 31/3/14

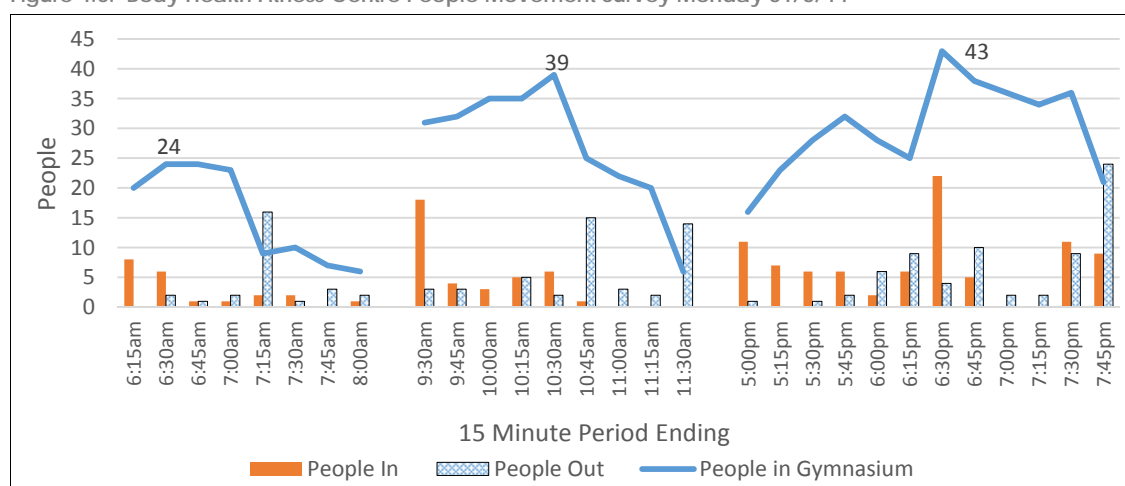


Figure 4.6 indicates that the peak time for Body Health Fitness Centre on a Monday was during the evening peak period where a maximum of 43 people were recorded in the gymnasium. This occurred at 6:30pm.

Survey Results

Figure 4.7: Body Health Fitness Centre People Movement Survey Saturday 22/2/14

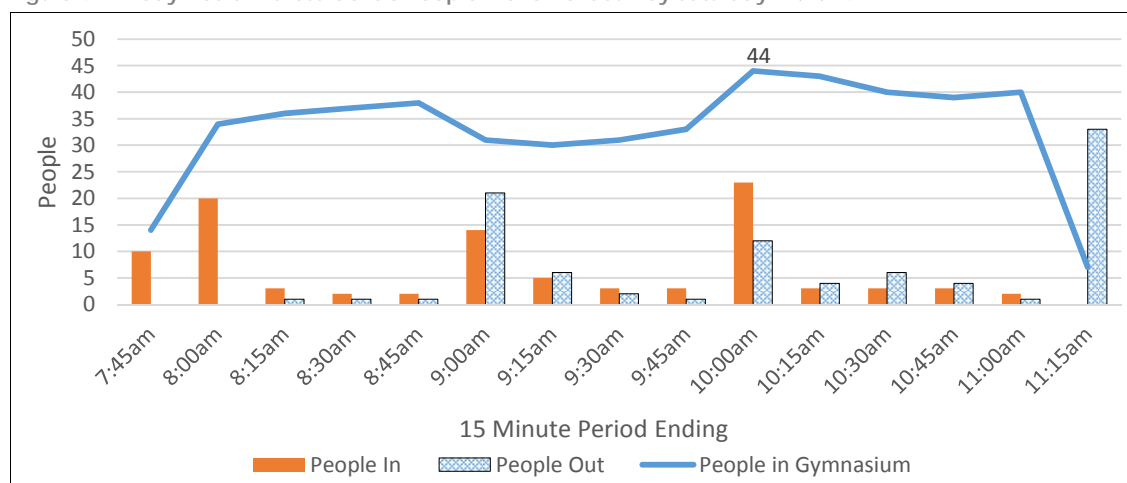


Figure 4.7 indicates that on a Saturday morning the maximum number of people recorded was 44. This occurred at 10:00am.

4.2.3 Mode of Transport taken to Gymnasium

Based on the interviews and observations, Table 4.5 provides a summary of the mode of transport used by all people surveyed entering the gymnasium.

Table 4.5: Body Health Fitness Oatley - Mode of Transport Used

Survey Period	Walk	Bike	Train	Bus	Car Driver	Car Passenger	Motorcycle	Taxi
Mon AM	1 (4%)	0 (0%)	0 (0%)	0 (0%)	21 (88%)	2 (8%)	0 (0%)	0 (0%)
Mon Mid	4 (11%)	0 (0%)	0 (0%)	0 (0%)	25 (69%)	7 (19%)	0 (0%)	0 (0%)
Mon PM	10 (14%)	0 (0%)	0 (0%)	0 (0%)	54 (75%)	8 (11%)	0 (0%)	0 (0%)
Mon Total	15 (11%)	0 (0%)	0 (0%)	0 (0%)	100 (76%)	17 (13%)	0 (0%)	0 (0%)
Saturday	9 (10%)	0 (0%)	0 (0%)	0 (0%)	63 (70%)	18 (20%)	0 (0%)	0 (0%)
Total Average [1]	11%	0%	0%	0%	73%	16%	0%	0%

[1] Value is based on the total recorded users of each mode over both survey days and not an average of each percentage.

Table 4.5 indicates that for both survey days, a total of 73% of all people drove, 11% walked with public transport accounting for no trips to the gymnasium.

4.2.4 **Vehicle Accumulation and Parking**

Based on the off-street car park demand, person accumulation and percentage of car driver recorded during each survey period, an assessment of the total vehicle accumulation associated with the gymnasium can be made. This is illustrated in Figure 4.8 and Figure 4.9.

Figure 4.8: Body Health Fitness Centre Oatley Total Vehicle Accumulation – Monday 31/3/14

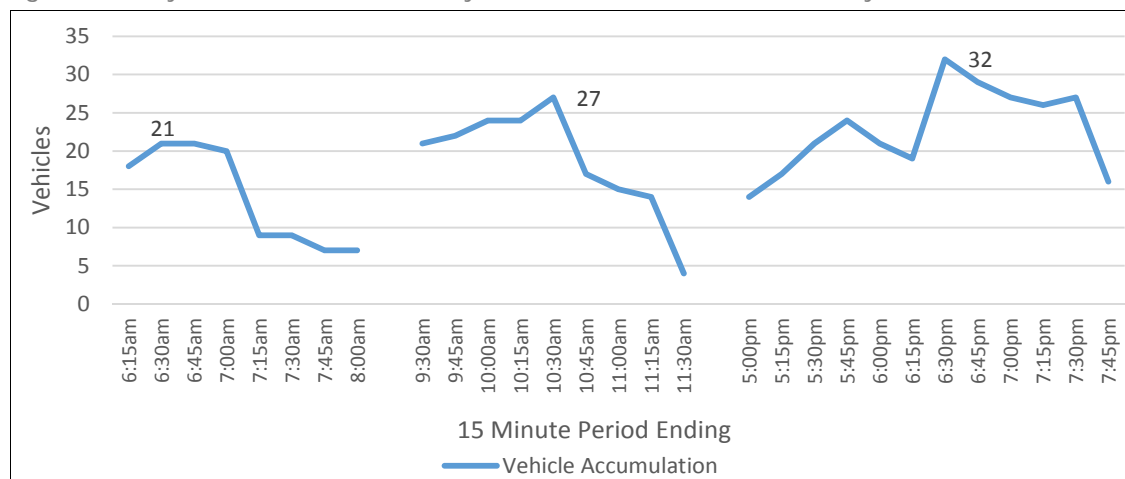


Figure 4.9: Body Health Fitness Centre Oatley Total Vehicle Accumulation – Saturday 29/3/14

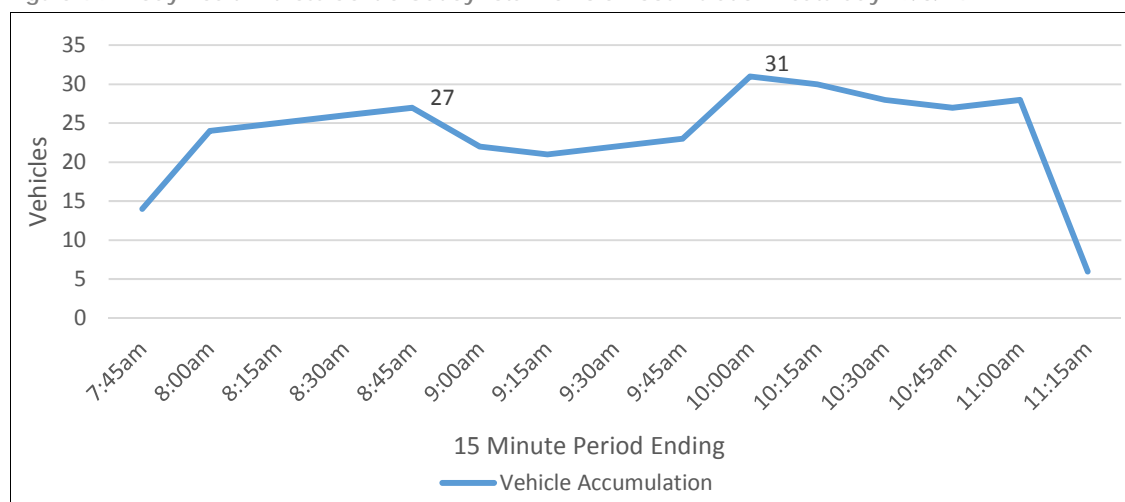


Figure 4.8 and Figure 4.9 indicate that parking accumulation for the site peaks on a Monday evening at 6:30pm with a total of 32 vehicles and on a Saturday morning at 10:30am with a total of 31 vehicles.

For people that drove to the gymnasium, the location they parked their vehicle is summarised in Table 4.6.

Table 4.6: Body Health Fitness Oatley - Location of Car Parking

Survey Period	Vehicles Parked Off-Street	Vehicles Parked On-Street
Monday AM	15 (71%)	6 (29%)
Monday Mid	19 (76%)	6 (24%)
Monday PM	33 (60%)	22 (40%)
Monday Total	67 (66%)	34 (34%)
Saturday	36 (62%)	22 (38%)
Total	103 (65%)	56 (35%)

Table 4.2 indicates that for all people surveyed across both survey days, 65% of vehicles were parked in the gymnasium car park with 35% parked on-street.

4.2.5 Gymnasium User Postcode

The postcode for each user of the Body Health Fitness Centre was not provided by the operator and was not surveyed.

4.2.6 Duration of Stay

Duration of stay for all people entering the gymnasium was recorded by one of the following methods:

- ♦ Asking people to estimate their duration of stay upon entry.
- ♦ Asking people what time they arrived if the interview occurred when they left the gymnasium.
- ♦ Recording a person's duration of stay without asking them. This would usually only occur if they did not want to be part of the survey or parked in a location that could be recorded from the survey location.

A summary of the duration of stay at Body Health Fitness for all users, not including staff or deliveries, is provided in Table 4.7.

Table 4.7: Duration of Stay Summary - Bondi Gym

Survey Period	Average Duration of Stay (minutes) [1]
Monday AM	61
Monday Mid	64
Monday PM	69
Saturday	76
Average	68

[1] Does not include staff, personal trainers or deliveries

Table 4.4 indicates that the shortest recorded average duration of stay was on a Monday morning with the longest duration of stay occurring Saturday morning.

4.2.7 *Adjacent Road Traffic*

PeopleTrans commissioned Austraffic to undertake a tube survey adjacent to the site on Boundary Road. Due to an error with the counter, the week following the survey was recorded. The data is summarised in Table 4.8 for total vehicles in each direction.

Table 4.8: Boundary Road, Oatley - Tube Survey

Time Starting	Monday 7/4/14			Saturday 5/4/14		
	Northbound	Southbound	Combined	Northbound	Southbound	Combined
0:00	27	28	55	88	66	154
1:00	7	11	18	31	38	69
2:00	10	13	23	13	27	40
3:00	11	19	30	18	24	42
4:00	31	28	59	34	31	65
5:00	124	132	256	53	66	119
6:00	255	346	601	111	126	237
7:00	462	517	979	203	242	445
8:00	522	646	1,168	323	427	750
9:00	479	562	1,041	431	522	953
10:00	343	413	756	529	558	1,087
11:00	364	354	718	527	591	1,118
12:00	324	361	685	533	563	1096
13:00	349	396	745	499	568	1067
14:00	392	451	843	445	500	945
15:00	660	560	1,220	419	480	899
16:00	500	552	1,052	378	453	831
17:00	526	599	1,125	446	466	912
18:00	410	506	916	286	352	638
19:00	302	335	637	241	320	561
20:00	162	194	356	172	199	371
21:00	124	152	276	157	137	294
22:00	73	101	174	138	163	301
23:00	29	32	61	139	141	280
Total	6,486	7,308	13,794	6,214	7,060	13,274

Table 4.8 indicates that the peak hour adjacent to the site is 8:00am to 9:00am Monday morning, 3:00pm to 4:00pm Monday afternoon and 11:00am to 12:00pm Saturday morning.

4.3 Site 3 – Fitness First Kings Cross

4.3.1 Survey Hours

Fitness First Kings Cross was surveyed at the following times:

- ♦ Tuesday 27 May 2014 – 5:45am to 8:00am, 9:00am to 11:00am, 5:00pm to 7:45pm
- ♦ Saturday 24 May 2014 – 6:45am to 12:00pm

One PeopleTrans staff member was located at the entry to the gymnasium and attempted to survey as many people as possible. The results are set out in the following sections with full survey results provided in Appendix C.

4.3.2 People Movement Survey

The number of people entering and exiting the gymnasium was recorded during the survey hours in 15 minute intervals. The results are summarised in Figure 4.10 and Figure 4.11 with full results provided in Appendix C.

Figure 4.10: Kings Cross Fitness First People Movement Survey Tuesday 27/5/14

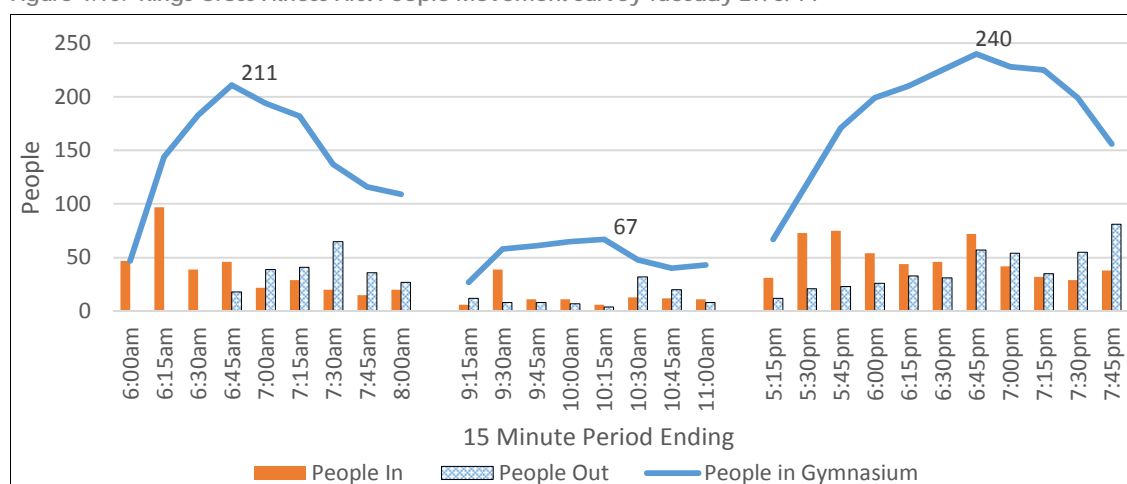
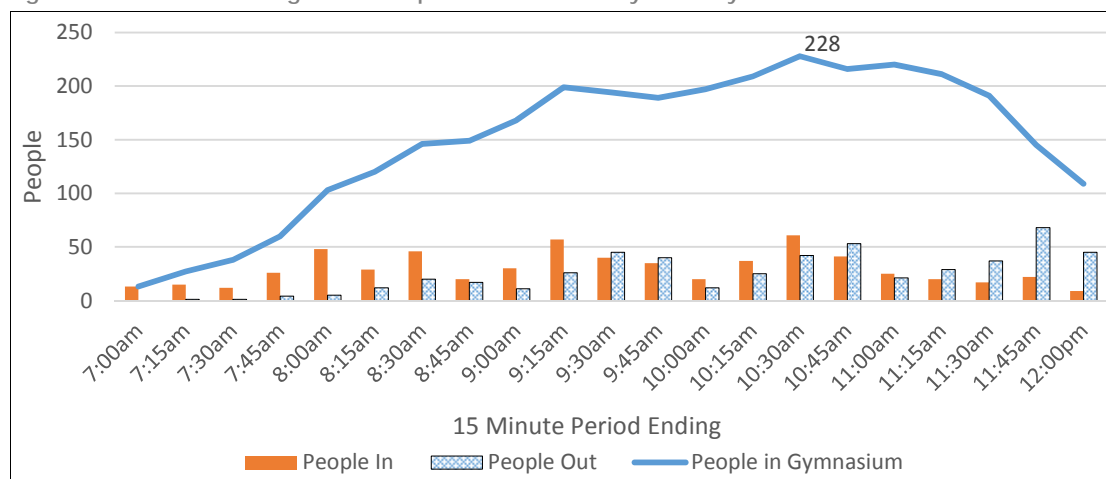


Figure 4.10 indicates that the peak time for Kings Cross Fitness First on a Tuesday was during the evening peak period where a maximum of 240 people were recorded in the gymnasium. This occurred at 6:45pm.

Figure 4.11: Fitness First Kings Cross People Movement Survey Saturday 24/5/14



Survey Results

Figure 4.11 indicates that on a Saturday morning the maximum number of people recorded was 228. This occurred at 10:30am.

4.3.3 Mode of Transport taken to Gymnasium

Based on the interviews and observations, Table 4.9 provides a summary of the mode of transport used by all people surveyed entering the gymnasium.

Table 4.9: Kings Cross Fitness First - Mode of Transport Used

Survey Period	Walk	Bike	Train	Bus	Car Driver	Car Passenger	Motorcycle	Taxi
Tue AM	46 (71%)	3 (5%)	4 (6%)	0 (0%)	10 (15%)	2 (3%)	0 (0%)	0 (0%)
Tue Mid	30 (75%)	1 (3%)	1 (3%)	1 (3%)	5 (13%)	0 (0%)	2 (5%)	0 (0%)
Tue PM	40 (68%)	1 (2%)	8 (14%)	2 (3%)	5 (8%)	0 (0%)	3 (5%)	0 (0%)
Tue Total	116 (71%)	5 (3%)	13 (8%)	3 (2%)	20 (12%)	2 (1%)	5 (3%)	0 (0%)
Saturday	116 (77%)	3 (2%)	2 (1%)	1 (1%)	24 (16%)	3 (2%)	1 (1%)	1 (1%)
Total Average [1]	73.7%	2.5%	4.8%	1.3%	14.0%	1.6%	1.9%	(0.3%)

[1] Value is based on the total recorded users of each mode over both survey days and not an average of each percentage.

Table 4.9 indicates that for both survey days, a total of 74% of all people walked, 14% drove with public transport accounting for 6% of all trips to the gymnasium.

4.3.4 Vehicle Accumulation and Parking

Based on the off-street car park demand, person accumulation and percentage of car driver recorded during each survey period, an assessment of the total vehicle accumulation associated with the gymnasium can be made. This is illustrated in Figure 4.12 and Figure 4.13.

Figure 4.12: Kings Cross Fitness First Total Vehicle Accumulation – Tuesday 27/5/14

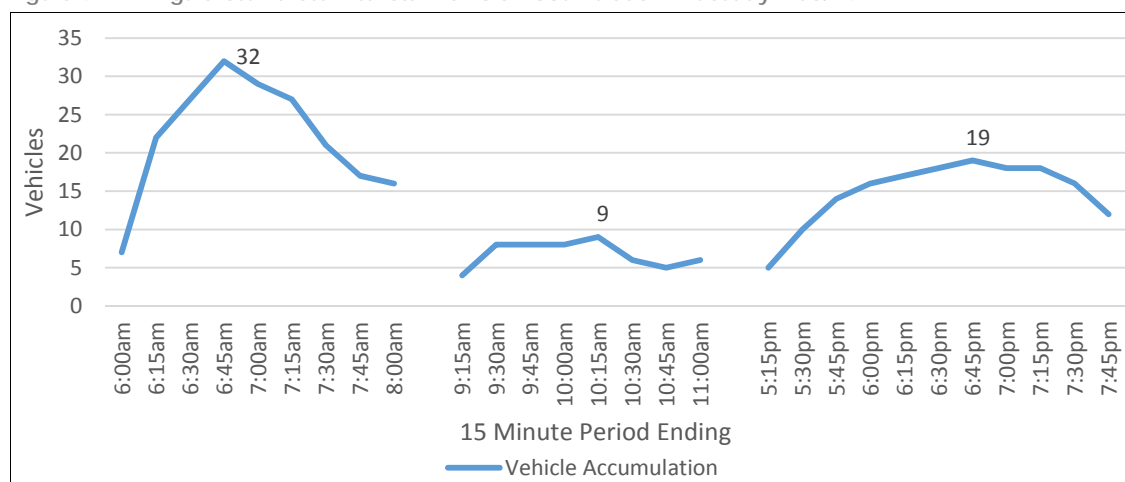


Figure 4.13: Kings Cross Fitness First Total Vehicle Accumulation – Saturday 24/5/14

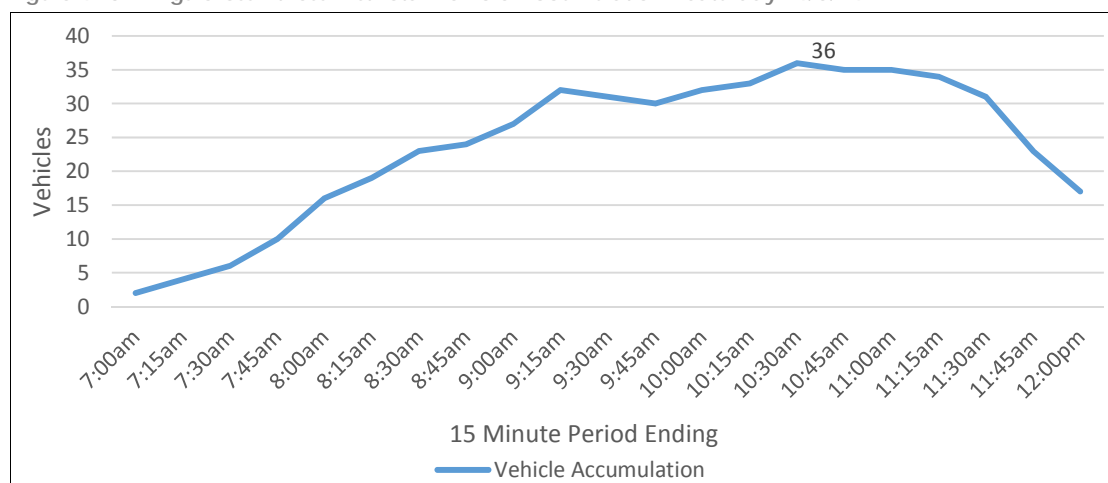


Figure 4.12 and Figure 4.13 indicate that parking accumulation for the site peaks on a Tuesday morning at 6:45am with a total of 32 vehicles and on a Saturday morning at 10:30am with a total of 36 vehicles.

For people that drove to the gymnasium, the location they parked their vehicle is summarised in Table 4.10.

Table 4.10: Kings Cross Fitness First - Location of Car Parking

Survey Period	Vehicles Parked Off-Street	Vehicles Parked On-Street
Tuesday AM	1 (10%)	9 (90%)
Tuesday Mid	0 (7%)	7 (100%)
Tuesday PM	0 (0%)	6 (100%)
Tuesday Total	1 (4%)	22 (96%)
Saturday	0 (0%)	24 (100%)
Total	1 (2%)	46 (98%)

Table 4.6 indicates that for all people surveyed across both survey days, 2% of vehicles were parked off-street with 98% parked on-street.

4.3.5 Gymnasium User Postcode

A summary of the postcodes identified by all people interviewed is summarised in Table 4.11.

Table 4.11: Kings Cross Fitness First - Summary of All Postcodes (all people)

Postcode / Suburb of all People Interviewed	Total	Percentage
2011 - Elizabeth Bay, Potts Point, Rushcutters Bay, Woolloomooloo	178	54%
2010 - Darlinghurst, Surry Hills	74	22%
2021 - Paddington	15	5%
2027 - Darling Point, Edgecliff, Point Piper	14	4%
2017 - Waterloo, Zetland	7	2%
2016 - Redfern	3	1%
2026 - Bondi, Bondi Beach, North Bondi, Tamarama	3	1%
2031 - Clovelly, Randwick	3	1%
2035 - Maroubra, Maroubra South, Pagewood	3	1%
Others (26 postcodes)	32	10%

The data is represented graphically in Figure 4.5.

Figure 4.14: Kings Cross Fitness First - Postcodes of All Users

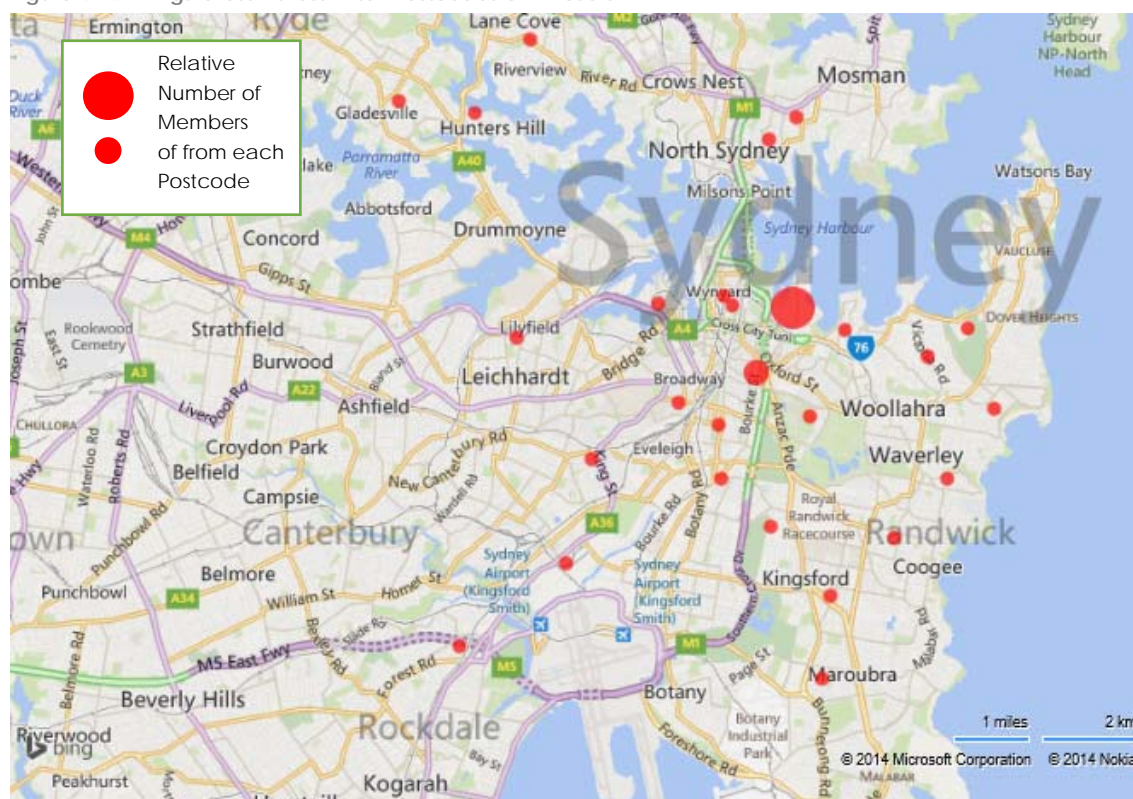


Table 4.3 and Figure 4.5 indicate that the majority of people interviewed live within walking distance of Kings Cross Fitness First.

4.3.6 *Duration of Stay*

Duration of stay for all people entering the gymnasium was recorded by one of the following methods:

- ◆ Asking people to estimate their duration of stay upon entry.
- ◆ Asking people what time they arrived if the interview occurred when they left the gymnasium.
- ◆ Recording a person's duration of stay without asking them. This would usually only occur if they did not want to be part of the survey or parked in a location that could be recorded from the survey location.

A summary of the duration of stay at Kings Cross Fitness First for all users, not including staff or deliveries, is provided in Table 4.12.

Table 4.12: Duration of Stay Summary – Kings Cross Fitness First

Survey Period	Average Duration of Stay (minutes) [1]
Tuesday AM	68
Tuesday Mid	66
Tuesday PM	64
Saturday	66
Average	66

[1] Does not include staff, personal trainers or deliveries

Table 4.12 indicates that the shortest recorded average duration of stay was on a Tuesday evening with the longest duration of stay occurring Tuesday morning.

4.3.7 ***Weekly Demand***

PeopleTrans was provided with 3 weeks of member entry scan data by Kings Cross Fitness First from Monday 28/4/14 to Sunday 11/5/14 and from Monday 26/5/14 to Sunday 25/5/14 which covered the week of the survey.

Based on the survey data, the average number of people in the gymnasium across the course of a typical week and associated number of cars is provided in Table 4.13 to Table 4.16.

The peak time of the week for the number of people in the gymnasium is estimated to be Monday at 7:00pm with the maximum car parking demand occurring at 11:00am Saturday morning.

Survey Results

Table 4.13: Kings Cross Fitness First Weekly Person Demand

Avg People in Gym	6a m	7am	8am	9a m	10a m	11a m	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	>10 pm	Daily Swipes
Monday	41	115	61	27	37	35	30	37	41	28	50	67	220	280	93	43	7	0	1153
Tuesday	38	181	91	31	63	36	31	51	35	30	45	52	189	244	102	45	8	0	1205
Wednesday	35	162	79	30	51	40	43	48	31	35	48	63	186	200	76	39	6	0	1119
Thursday	42	169	84	40	49	35	29	39	33	32	43	52	184	191	75	23	0	0	1062
Friday	41	143	74	38	54	27	30	57	35	32	37	55	118	94	40	11	0	0	854
Saturday	0	9	95	167	205	219	130	52	45	50	104	120	90	22	0	0	0	0	999
Sunday	0	0	15	110	190	119	90	52	40	42	77	134	74	20	0	0	0	0	774

Table 4.14: Kings Cross Fitness First Weekly Person Demand Profile

Percentage	6am	7am	8am	9a m	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	> 10 pm	Daily Swipes
Monday	15%	41%	22%	10%	13%	13%	11%	13%	15%	10%	18%	24%	79%	100%	33%	15%	3%	0%	96%
Tuesday	14%	65%	33%	11%	23%	13%	11%	18%	13%	11%	16%	19%	68%	87%	36%	16%	3%	0%	100%
Wednesday	13%	58%	28%	11%	18%	14%	15%	17%	11%	13%	17%	23%	66%	71%	27%	14%	2%	0%	93%
Thursday	15%	60%	30%	14%	18%	13%	10%	14%	12%	11%	15%	19%	66%	68%	27%	8%	0%	0%	88%
Friday	15%	51%	26%	14%	19%	10%	11%	20%	13%	11%	13%	20%	42%	34%	14%	4%	0%	0%	71%
Saturday	0%	3%	34%	60%	73%	78%	46%	19%	16%	18%	37%	43%	32%	8%	0%	0%	0%	0%	83%
Sunday	0%	0%	5%	39%	68%	43%	32%	19%	14%	15%	28%	48%	26%	7%	0%	0%	0%	0%	64%

Survey Results

Table 4.15: Kings Cross Fitness First Weekly Car Parking Demand

Car Park Demand	6a m	7am	8am	9a m	10a m	11a m	12pm	1pm	2p m	3p m	4p m	5p m	6p m	7p m	8p m	9p m	10pm	>10 pm	Max Demand
Monday	6	17	9	4	5	5	4	5	5	4	4	5	18	22	7	3	1	0	22
Tuesday	6	27	14	4	8	5	4	7	5	4	4	4	15	20	8	4	1	0	27
Wednesday	5	24	12	4	7	5	6	6	4	5	4	5	15	16	6	3	0	0	24
Thursday	6	25	13	5	6	5	4	5	4	4	3	4	15	15	6	2	0	0	25
Friday	6	21	11	5	7	4	4	7	5	4	3	4	9	8	3	1	0	0	21
Saturday	0	1	15	27	33	35	21	8	7	8	17	19	14	4	0	0	0	0	35
Sunday	0	0	2	18	30	19	14	8	6	7	12	21	12	3	0	0	0	0	30

Table 4.16: Kings Cross Fitness First Weekly Car Parking Demand Profile

Car Parking Profile	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	> 10 pm
Monday	17%	49%	26%	11%	14%	14%	11%	14%	14%	11%	11%	14%	51%	63%	20%	9%	3%	0%
Tuesday	17%	77%	40%	11%	23%	14%	11%	20%	14%	11%	11%	11%	43%	57%	23%	11%	3%	0%
Wednesday	14%	69%	34%	11%	20%	14%	17%	17%	11%	14%	11%	14%	43%	46%	17%	9%	0%	0%
Thursday	17%	71%	37%	14%	17%	14%	11%	14%	11%	11%	9%	11%	43%	43%	17%	6%	0%	0%
Friday	17%	60%	31%	14%	20%	11%	11%	20%	14%	11%	9%	11%	26%	23%	9%	3%	0%	0%
Saturday	0%	3%	43%	77%	94%	100%	60%	23%	20%	23%	49%	54%	40%	11%	0%	0%	0%	0%
Sunday	0%	0%	6%	51%	86%	54%	40%	23%	17%	20%	34%	60%	34%	9%	0%	0%	0%	0%

4.4 Site 4 – Fitness First Platinum Willoughby

4.4.1 Survey Hours

Fitness First Platinum Willoughby was surveyed at the following times:

- Monday 2 June 2014 – 5:15am to 8:00am, 9:15am to 11:30am, 5:00pm to 7:45pm
- Saturday 31 May 2014 – 6:45am to 11:30am

One PeopleTrans staff member was located at the entry to the gymnasium and attempted to survey as many people as possible. The results are set out in the following sections with full survey results provided in Appendix D.

4.4.2 People Movement Survey

The number of people entering and exiting the gymnasium was recorded during the survey hours in 15 minute intervals. The results are summarised in Figure 4.15 and Figure 4.16 with full results provided in Appendix D.

Figure 4.15: Fitness First Platinum Willoughby People Movement Survey Monday 2/6/14

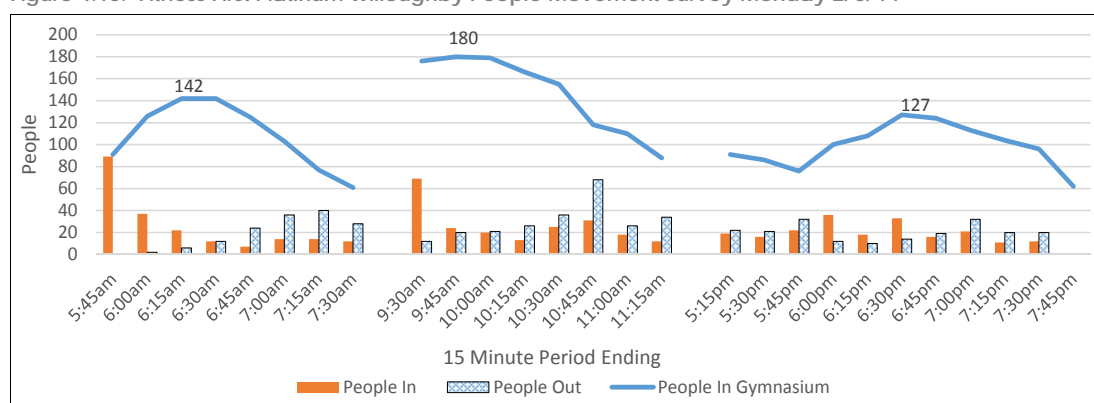


Figure 4.15 indicates that the peak time for Fitness First Platinum Willoughby was at 9:45am Monday morning where a maximum of 180 people were recorded on-site. During the early morning the peak recorded gymnasium occupancy was 142 people. This occurred at 6:15am.

Figure 4.16: Fitness First Platinum Willoughby People Movement Survey Saturday 31/5/14

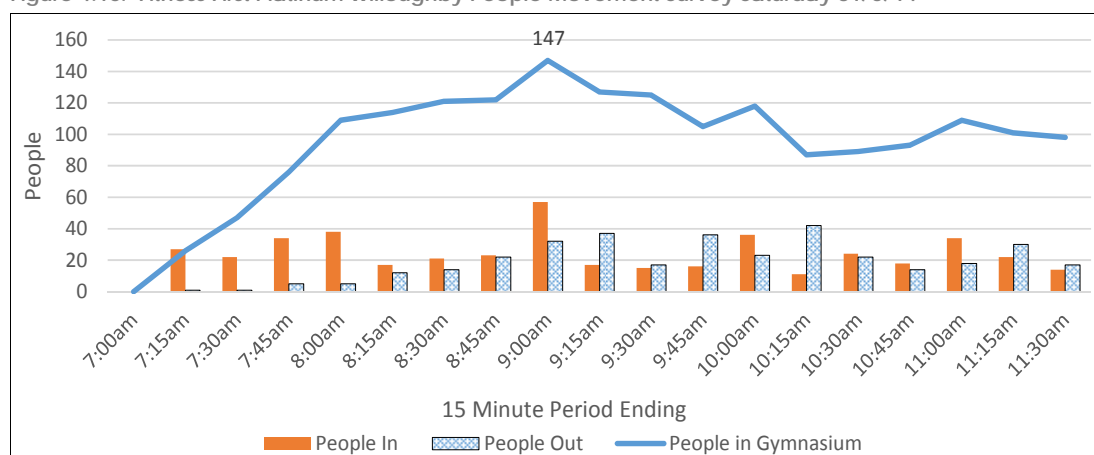


Figure 4.16 indicates that on a Saturday morning the maximum number of people recorded was 147. This occurred at 9:00am.

4.4.3 Mode of Transport taken to Gymnasium

Based on the interviews and observations, Table 4.17 provides a summary of the mode of transport used by all people surveyed entering the gymnasium.

Table 4.17: Willoughby Fitness First Platinum - Mode of Transport Used

Survey Period	Walk	Bike	Train	Bus	Car Driver	Car Passenger	Motorcycle	Taxi
Mon AM	5 (8%)	0 (0%)	0 (0%)	0 (0%)	53 (85%)	4 (6%)	0 (0%)	0 (0%)
Mon Mid	2 (2%)	0 (0%)	0 (0%)	0 (0%)	59 (68%)	26 (30%)	0 (0%)	0 (0%)
Mon PM	2 (2%)	0 (0%)	0 (0%)	2 (2%)	77 (84%)	10 (11%)	1 (1%)	0 (0%)
Mon Total	9 (4%)	0 (0%)	0 (0%)	2 (1%)	189 (78%)	40 (17%)	1 (0%)	0 (0%)
Saturday	8 (4%)	1 (0%)	0 (0%)	0 (0%)	140 (68%)	55 (27%)	1 (0%)	0 (0%)
Total Average [1]	3.8%	0.2%	0.0%	0.4%	73.8%	21.3%	0.4%	0.0%

[1] Value is based on the total recorded users of each mode over both survey days and not an average of each percentage.

Table 4.17 indicates that for both survey days, a total of 73.8% of all people drove, 3.8% walked with public transport accounting for 0.4% of trips to the gymnasium.

4.4.4 Vehicle Accumulation and Parking

Based on the person accumulation and percentage of car driver recorded during each survey period, an assessment of the total vehicle accumulation associated with the gymnasium can be made. This is illustrated in Figure 4.17 and Figure 4.18.

Figure 4.17: Willoughby Fitness First Platinum Total Vehicle Accumulation – Monday 2/6/14

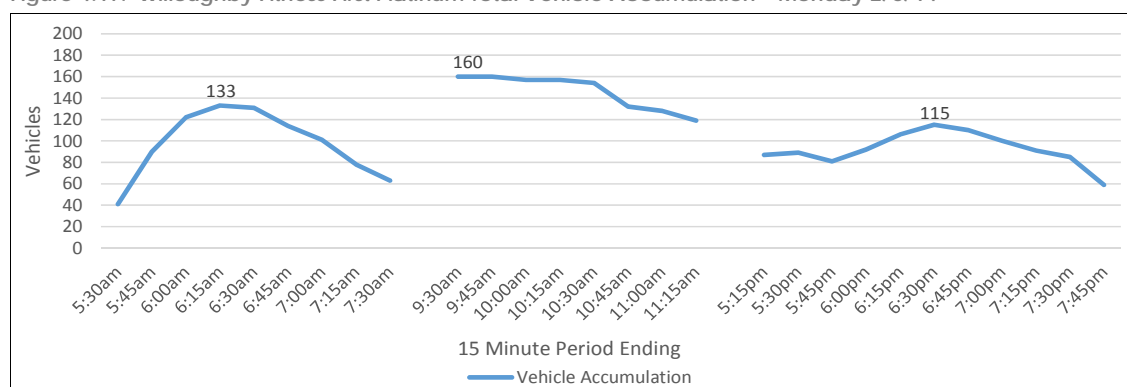


Figure 4.18: Willoughby Fitness First Platinum Total Vehicle Accumulation – Saturday 31/5/14

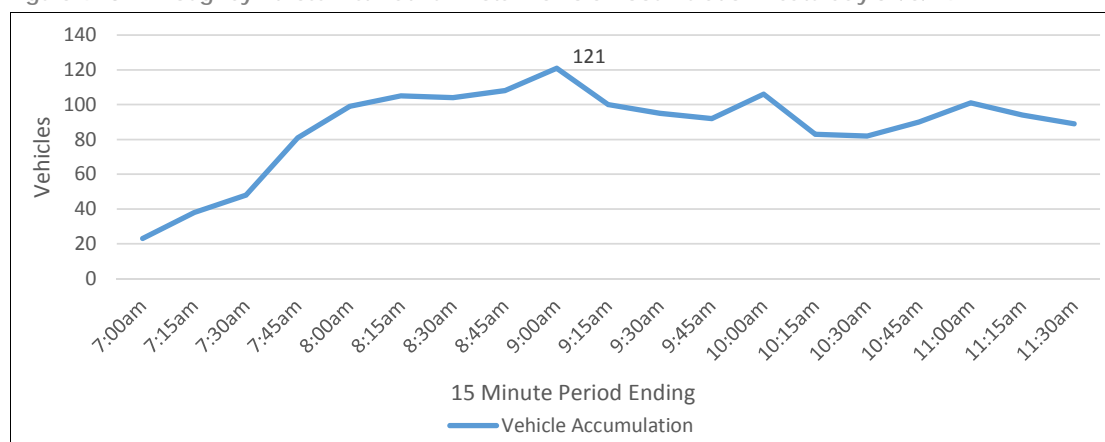


Figure 4.17 and Figure 4.18 indicate that parking accumulation for the site peaks on a Monday mid-morning at 9:30am with a total of 160 vehicles and on a Saturday morning at 9:00am with a total of 121 vehicles.

For people that drove to the gymnasium, the location they parked their vehicle is summarised in Table 4.18.

Table 4.18: Willoughby Fitness First Platinum - Location of Car Parking

Survey Period	Vehicles Parked Off-Street	Vehicles Parked On-Street
Monday AM	52 (98%)	1 (2%)
Monday Mid	44 (90%)	5 (10%) [1]
Monday PM	74 (97%)	2 (3%)
Monday Total	170 (96%)	8 (4%)
Saturday	119 (97%)	4 (3%)
Combined Total	289 (96%)	12 (4%)

[1] Although the recorded value from the survey was 11 vehicles or 20%, it is considered that based on the people already in the gymnasium at the time the survey started, a value of approximately 5 vehicles or 10% is more accurate.

Table 4.18 indicates that for all people surveyed across both survey days, typically 93% to 97% of vehicles were parked off-street car parks associated with the gym with 3% to 10% parked on-street or in other locations.

4.4.5 *Gymnasium User Postcode*

A summary of the postcodes identified by all people interviewed is summarised in Table 4.19.

Table 4.19: Willoughby Fitness First Platinum - Summary of All Postcodes (all people)

Postcode / Suburb of all People Interviewed	Total	Percentage
2068 - Castlecrag, Middle Cove, Willoughby, Willoughby North	90	24%
2069 - Castle Cove, Roseville, Roseville Chase	61	16%
2087 - Forestville, Killarney Heights	28	7%
2063 - Northbridge	26	7%
2065 - Crows Nest, Gore Hill, Greenwich, Naremburn, St Leonards, Wollstonecraft	22	6%
2067 - Chatswood, West Chatswood	20	5%
2071 - Killara	18	5%
2070 - East Lindfield, Lindfield	16	4%
2086 - Frenchs Forest, Frenchs Forest East	8	2%
Others (38 postcodes)	91	24%

The data is represented graphically in Figure 4.19.

Figure 4.19: Willoughby Fitness First Platinum – Postcodes of All Users

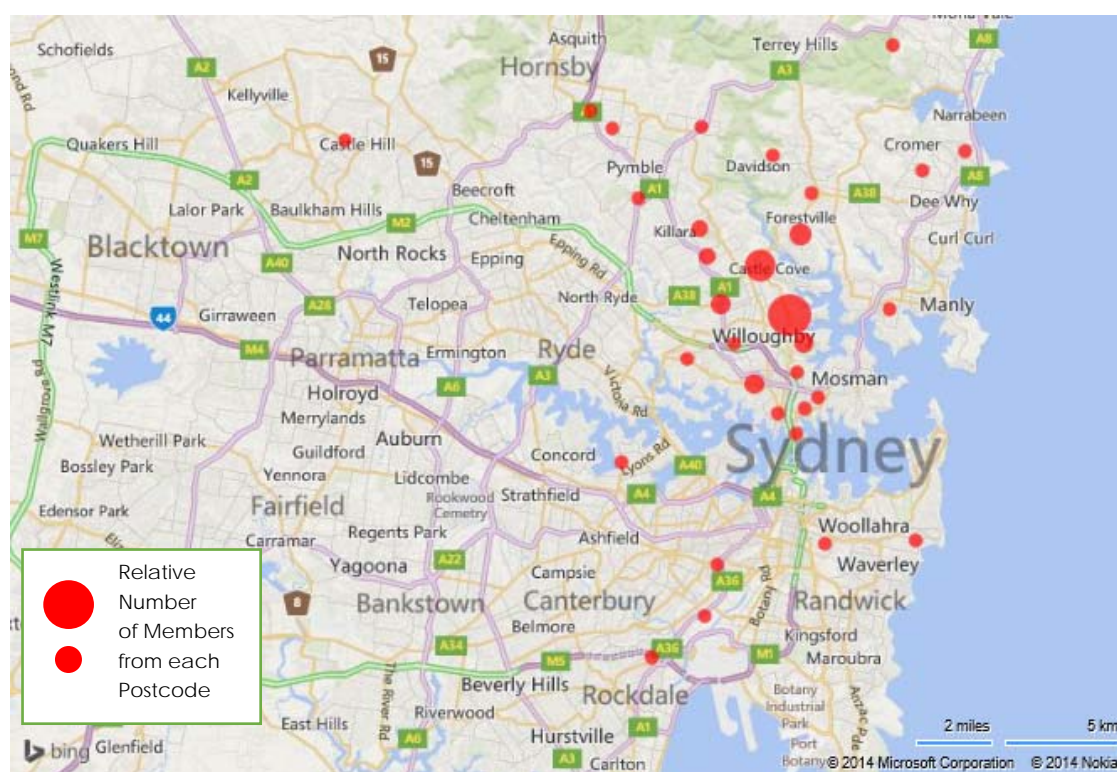


Table 4.19 and Figure 4.19 indicate that the majority of people interviewed live on the north shore.

4.4.6 *Duration of Stay*

Duration of stay for all people entering the gymnasium was recorded by one of the following methods:

- ♦ Asking people to estimate their duration of stay upon entry.

Survey Results

- ♦ Asking people what time they arrived if the interview occurred when they left the gymnasium.
- ♦ Recording a person's duration of stay without asking them. This would usually only occur if they did not want to be part of the survey or parked in a location that could be recorded from the survey location.

A summary of the duration of stay at Willoughby Fitness First Platinum for all users, not including staff or deliveries, is provided in Table 4.20.

Table 4.20: Duration of Stay Summary - Willoughby Fitness First Platinum

Survey Period	Average Duration of Stay (minutes) [1]
Monday AM	61
Monday Mid	74
Monday PM	71
Saturday	65
Average	68

[1] Does not include staff, personal trainers or deliveries

Table 4.20 indicates that the shortest recorded average duration of stay was on a Monday morning with the longest duration of stay occurring Monday mid-morning.

4.4.7 *Adjacent Road Traffic*

PeopleTrans commissioned Austraffic to undertake a surveys of Eastern Valley Way adjacent to the site during the time of the surveys. The data is summarised in Table 4.21 and Table 4.22.

Table 4.21: Eastern Valley Way Traffic Volumes during Gym Survey Monday 2/6/14

Time			Monday 2/6/14		
			Northbound	Southbound	Total
5:30	-	6:30	256	1,150	1,406
5:45	-	6:45	362	1,473	1,835
6:00	-	7:00	438	1,781	2,219
6:15	-	7:15	550	2,051	2,601
6:30	-	7:30	675	2,101	2,776
6:45	-	7:45	810	2,131	2,941
7:00	-	8:00	979	2,099	3,078
9:15	-	10:15	962	1,379	2,341
9:30	-	10:30	920	1,211	2,131
9:45	-	10:45	871	1,140	2,011
10:00	-	11:00	857	1,052	1,909
10:15	-	11:15	920	1,025	1,945
10:30	-	11:30	947	966	1,913
10:45	-	11:45	946	907	1,853
17:00	-	18:00	1,834	1,059	2,893
17:15	-	18:15	1,837	971	2,808
17:30	-	18:30	1,894	907	2,801
17:45	-	18:45	1,944	809	2,753
18:00	-	19:00	1,892	746	2,638
18:15	-	19:15	1,747	647	2,394
18:30	-	19:30	1,546	544	2,090
18:45	-	19:45	1,286	459	1,745

Table 4.22: Eastern Valley Way Traffic Volumes during Gym Survey Saturday 31/5/14

Time Period	Vehicle Movement		Total
	Northbound	Southbound	
7:30 - 8:30	662	879	1,541
7:45 - 8:45	762	957	1,719
8:00 - 9:00	828	991	1,819
8:15 - 9:15	970	1,021	1,991
8:30 - 9:30	1,037	1,094	2,131
8:45 - 9:45	1,060	1,082	2,142
9:00 - 10:00	1,184	1,125	2,309
9:15 - 10:15	1,265	1,149	2,414
9:30 - 10:30	1,299	1,146	2,445
9:45 - 10:45	1,334	1,217	2,551
10:00 - 11:00	1,338	1,263	2,601
10:15 - 11:15	1,337	1,272	2,609
10:30 - 11:30	1,366	1,343	2,709
10:45 - 11:45	1,418	1,315	2,733
11:00 - 12:00	1,462	1,361	2,823

4.5 Site 5 – YMCA Morris Iemma Indoor Sports Centre

4.5.1 Survey Hours

The YMCA Morris Iemma Indoor Sports (MIISC) centre was surveyed at the following times:

- ◆ Monday 23 June 2014 – 6:00am to 7:45am, 8:15am to 11:00am, 5:00pm to 7:45pm
- ◆ Saturday 21 June 2014 – 7:45am to 11:45am

One PeopleTrans staff member was located at the entry to the gymnasium and attempted to survey as many people as possible. The results are set out in the following sections with full survey results provided in Appendix E.

4.5.2 People Movement Survey

The number of people entering and exiting the gymnasium was recorded during the survey hours in 15 minute intervals. The results are summarised in Figure 4.20 and Figure 4.21 with full results provided in Appendix E.

Figure 4.20: YMCA MIISC People Movement Survey Monday 23/6/14

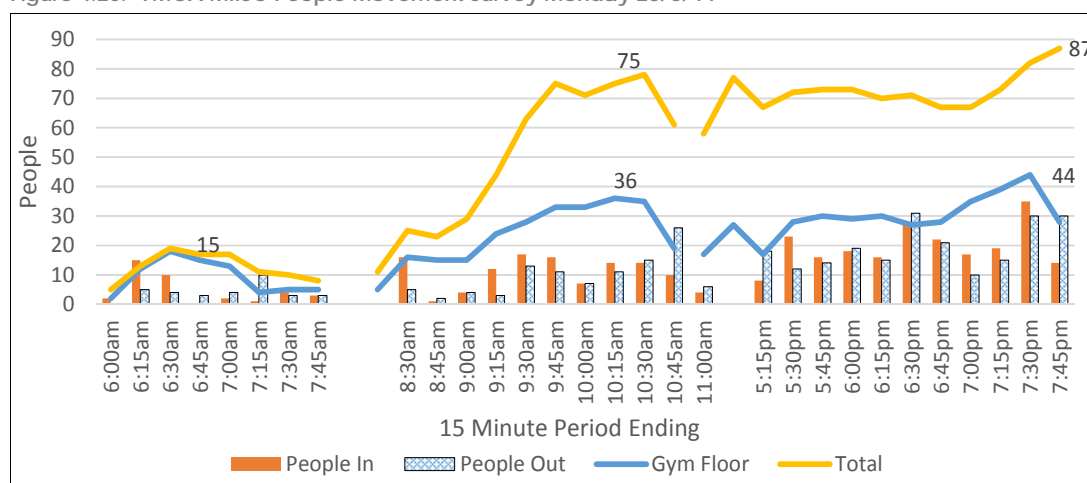


Figure 4.20 indicates that the peak time for the MIISC was at 7:45pm Monday evening where a maximum of 87 people were recorded on-site. The peak time for the gym floor was at 7:30pm where a total of 44 people were recorded on the gym floor.

Survey Results

Figure 4.21: MIISC People Movement Survey Saturday 21/6/14

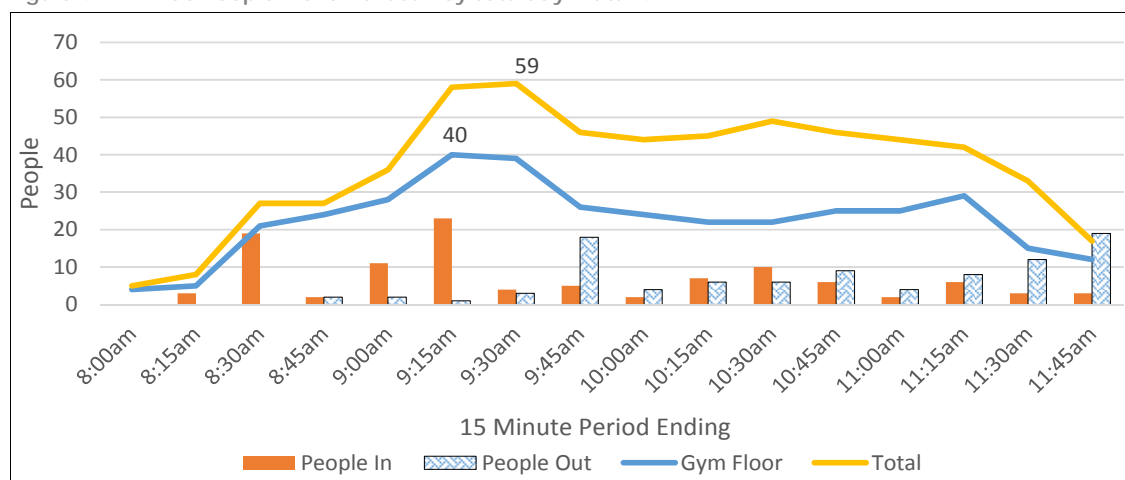


Figure 4.16 indicates that on a Saturday morning the maximum number of people recorded in the entire centre was 59 which occurred at 9:30am. The peak number of people recorded on the gym floor was 40 which occurred at 9:15am.

4.5.3 Mode of Transport taken to Gymnasium

Based on the interviews and observations, Table 4.23 provides a summary of the mode of transport used by all people surveyed entering the gymnasium.

Table 4.23: MIISC - Mode of Transport Used

Survey Period	Walk	Bike	Train	Bus	Car Driver	Car Passenger	Motorcycle	Taxi
Mon AM	0 (0%)	0 (0%)	1 (5%)	0 (0%)	17 (85%)	2 (10%)	0 (0%)	0 (0%)
Mon Mid	5 (5%)	0 (0%)	0 (0%)	1 (1%)	52 (56%)	35 (38%)	0 (0%)	0 (0%)
Mon PM	5 (4%)	0 (0%)	0 (0%)	0 (0%)	72 (53%)	58 (43%)	0 (0%)	0 (0%)
Mon Total	10 (4%)	0 (0%)	1 (0.5%)	1 (0.5%)	141 (57%)	95 (38%)	0 (0%)	0 (0%)
Saturday	4 (6%)	0 (0%)	0 (0%)	0 (0%)	54 (79%)	10 (15%)	0 (0%)	0 (0%)
Total Average [1]	4.43%	0.00%	0.32%	0.32%	61.71%	33.23%	0.00%	0.00%

[1] Value is based on the total recorded users of each mode over both survey days and not an average of each percentage.

Table 4.17 indicates that for both survey days, an average total of 61.71% of all people drove, 4.43% walked with public transport accounting for 0.64% of trips to the gymnasium.

Survey Results

4.5.4 Vehicle Accumulation and Parking

The MIISC car park survey is provided in Figure 4.22 and Figure 4.23. This accounts for all vehicles associated with the centre.

Figure 4.22: MIISC Platinum Total Vehicle Accumulation – Monday 23/6/14

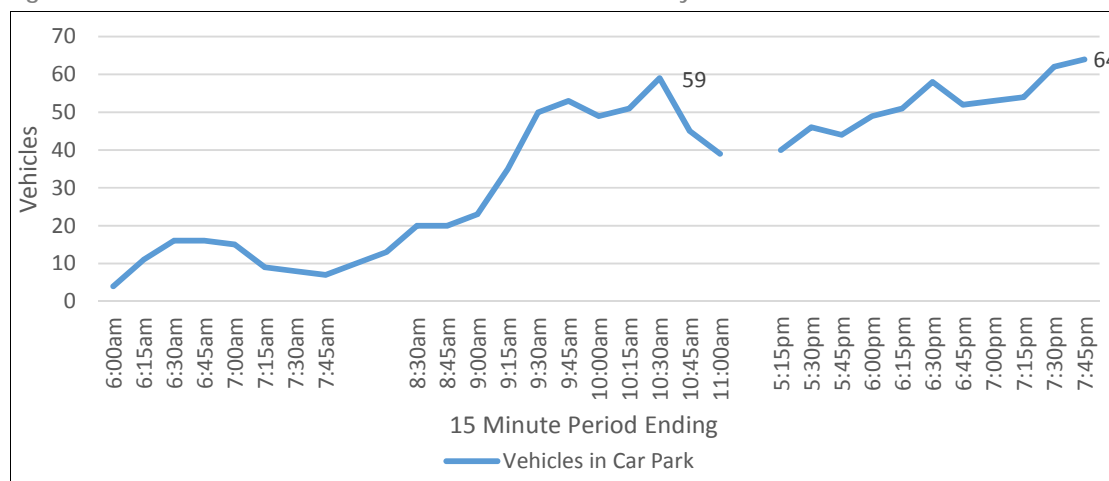


Figure 4.23: MIISC Total Vehicle Accumulation – Saturday 21/6/14

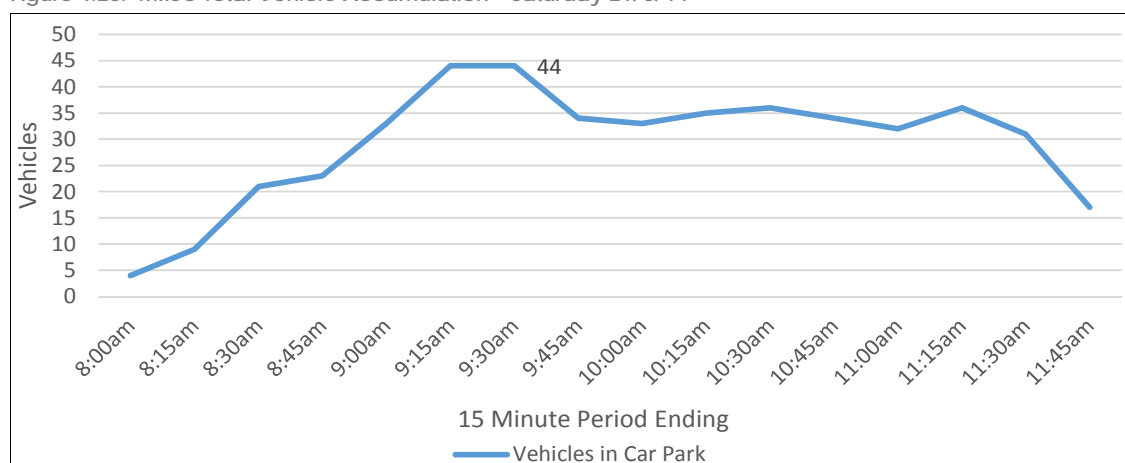


Figure 4.22 and Figure 4.23 indicate that parking accumulation for the site peaks on a Saturday morning at 9:30am with a total of 44 vehicles and on a Monday evening at 7:45pm with a total of 64 vehicles. The peak at 7:45pm coincided with the end of an indoor soccer match and as a result, there were many people on-site about to leave.

For people that drove to the gymnasium, the location they parked their vehicle is summarised in Table 4.24.

Survey Results

Table 4.24: MIISC - Location of Car Parking

Survey Period	Vehicles Parked Off-Street	Vehicles Parked On-Street
Tuesday AM	17	0
Tuesday Mid	44	
Tuesday PM	78	
Monday Total	139	
Saturday	54	
Total	193	

Table 4.24 indicates that for all people surveyed across both survey days, parked within the gymnasium car park.

4.5.5 *Gymnasium User Postcode*

A summary of the postcodes identified by all people interviewed is summarised in Table 4.25.

Table 4.25: MIISC - Summary of All Postcodes (all people)

Postcode / Suburb of all People Interviewed	Total	Percentage
2210 - Riverwood, Lugarno, Peakhurst	85	44%
2196 - Punchbowl, Roselands	25	13%
2209 - Beverly Hills, Narwee	25	13%
2223 - Mortdale, Oatley	8	4%
2211 - Padstow	6	3%
2200 -Bankstown, Condell Park, Manahan	5	3%
2220 - Hurstville	5	3%
2208 - Kingsgrove	4	2%
2199 - Yagoona	3	2%
Others (19 postcodes)	27	14%

The data is represented graphically in Figure 4.24.

Figure 4.24: MIISC – Postcodes of All Users

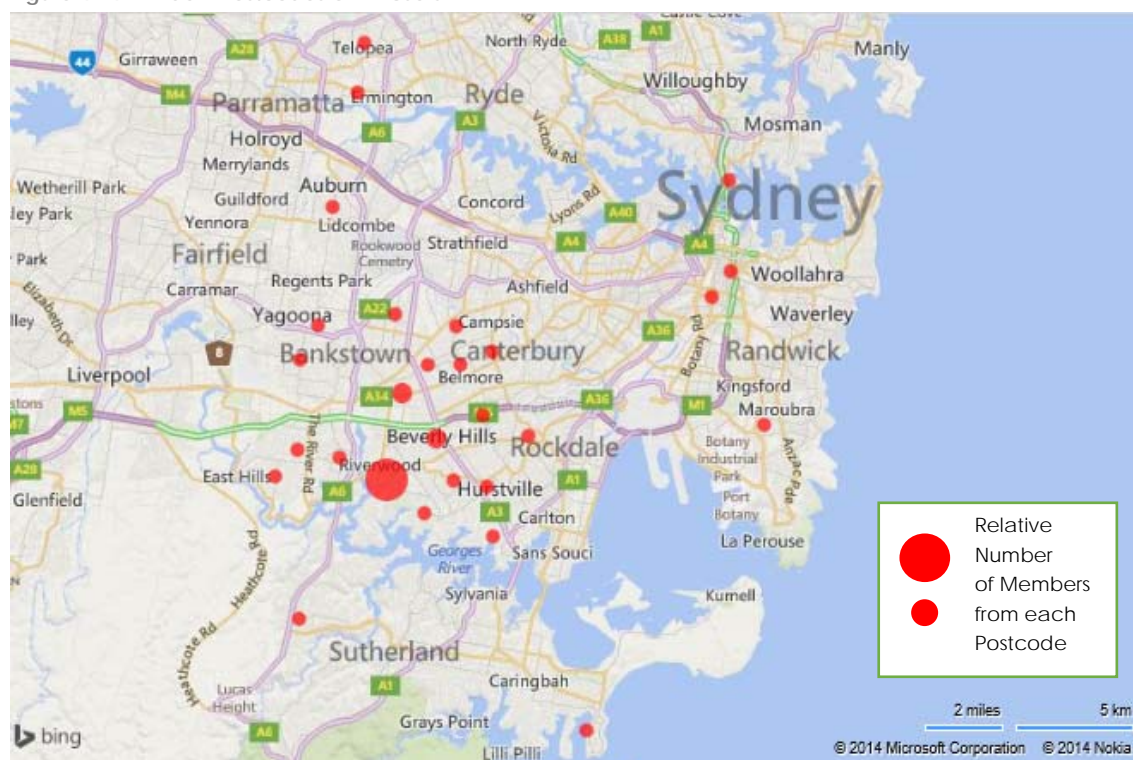


Table 4.25 and Figure 4.24 indicate that the majority of people interviewed live within 5km of the gymnasium.

4.5.6 *Duration of Stay*

Duration of stay for all people entering the gymnasium was recorded by one of the following methods:

- ◆ Asking people to estimate their duration of stay upon entry.
- ◆ Asking people what time they arrived if the interview occurred when they left the gymnasium.
- ◆ Recording a person's duration of stay without asking them. This would usually only occur if they did not want to be part of the survey or parked in a location that could be recorded from the survey location.

A summary of the duration of stay at MIISC for all users, not including staff or deliveries, is provided in Table 4.26.

Table 4.26: Duration of Stay Summary - MIISC

Survey Period	Average Duration of Stay (minutes) [1]
Monday AM	50
Monday Mid	66
Monday PM	63
Saturday	73
Average	63

[1] Does not include staff, personal trainers or deliveries

Table 4.20 indicates that the shortest recorded average duration of stay was on a Monday morning with the longest duration of stay occurring Saturday morning.

4.5.7 *Adjacent Road Traffic*

PeopleTrans commissioned Austraffic to undertake a surveys of Belmore Road North adjacent to the site during the time of the surveys. The data is summarised in Table 4.21.

Table 4.27: Belmore Road North Traffic Volumes during Gym Survey Monday 23/6/14

Time Period	Total Vehicles		
	Northbound	Southbound	Combined
5:45 - 6:45	680	603	1,283
6:00 - 7:00	793	615	1,408
6:15 - 7:15	847	624	1,471
6:30 - 7:30	952	689	1,641
6:45 - 7:45	1,085	726	1,811
7:00 - 8:00	1,198	757	1,955
7:15 - 8:15	1,318	786	2,104
7:30 - 8:30	1,359	803	2,162
7:45 - 8:45	1,341	791	2,132
8:00 - 9:00	1,260	837	2,097
8:15 - 9:15	1,166	863	2,029
8:30 - 9:30	1,083	854	1,937
8:45 - 9:45	1,020	840	1,860
9:00 - 10:00	952	764	1,716
9:15 - 10:15	904	698	1,602
9:30 - 10:30	797	647	1,444
9:45 - 10:45	741	638	1,379
10:00 - 11:00	698	643	1,341
10:15 - 11:15	705	634	1,339
10:30 - 11:30	713	638	1,351
10:45 - 11:45	712	673	1,385
16:45 - 17:45	826	1,225	2,051
17:00 - 18:00	843	1,200	2,043
17:15 - 18:15	800	1,123	1,923
17:30 - 18:30	737	1,048	1,785
17:45 - 18:45	708	944	1,652
18:00 - 19:00	643	882	1,525
18:15 - 19:15	603	791	1,394
18:30 - 19:30	605	716	1,321
18:45 - 19:45	551	642	1,193

Survey Results

Table 4.28: Belmore Road North Traffic Volumes during Gym Survey Saturday 21/6/14

Time Period	Total Vehicles		
	Northbound	Southbound	Total
7:45 - 8:45	605	477	1,082
8:00 - 9:00	690	540	1,230
8:15 - 9:15	737	543	1,280
8:30 - 9:30	743	626	1,369
8:45 - 9:45	785	671	1,456
9:00 - 10:00	774	669	1,443
9:15 - 10:15	815	728	1,543
9:30 - 10:30	881	736	1,617
9:45 - 10:45	906	719	1,625
10:00 - 11:00	916	735	1,651
10:15 - 11:15	918	722	1,640
10:30 - 11:30	925	731	1,656
10:45 - 11:45	953	762	1,715

5. Comparison of 1993 Surveys and 2014 Surveys

As previously identified, there are two sites that are similar today to what they were in 1993. These are Bondi Gym which is in the same location as Al's Gym (1993), albeit with a slightly different layout and Body Health Fitness Centre in Oatley which is in same location as Body Heat (1993), also with a slightly different layout.

The data from the 1993 surveys and the 2014 surveys for each of the repeated sites are summarised in the following sections.

5.1 *Al's Gym (1993) vs Bondi Gym (2014)*

A summary of the 1993 and 2014 survey data is provided in Table 5.1.

Table 5.1: Comparison of Al's Gym (1993) and Bondi Gym (2014) Survey Results

Attribute	1993	2014	Comments
Date of Surveys	Tuesday 30 March 1993 Saturday 24 April 1993	Monday 17 February 2014 Saturday 22 February 2014	Surveys undertaken in a similar time or perhaps slightly busier time of the year.
Opening Hours	Mon-Fri 6:30am-9:30pm Sat/Sun 9am-6pm	Mon-Thu 6am-9.30pm, Fri 6am-8.30pm, Sat 7am-7pm, Sun 8am-2pm	Opens earlier than in 1993, generally open just as late.
Total Floor Area (GFA)	450m ²	970m ²	The floor area of the gym is more than double the size of the 1993 survey.
% Car Driver	59%	41%	Reduced car drivers when compared to 1993.
% Passenger		6%	
% Motorcycle		4%	
% PT (Bus, Train, Taxi)	16%	15%	
% Walk	25%	31%	Increased percentage of walkers when compared to 1993.
% Bicycle		3%	
Peak Person Trips (peak time)	148 (1745-1845)	84 (1745-1845)	Reduction of 32.8/100m ² in 1993 to 8.7/100m ² in 2014.
Peak Vehicle Trips (peak time)	64 (1730-1830)	33 (1745-1845)	Reduction of 14.2/100m ² in 1993 to 3.4/100m ² in 2014.
Peak Parking Accumulation (peak time)	69 (1700)	27 (1815, 1845)	Reduction of 15.3/100m ² in 1993 to 2.8/100m ² in 2014.
Avg Length of Stay	Weekday AM 67 mins Weekday Mid 70 mins Weekday PM 56 mins Saturday	59 mins 66 mins 78 mins 59 mins	No major change between 1993 and 2014 in terms of typical average duration of stay.
Number of Members	600	910	Increase of approximately 50% between 1993 and 2014.

Table 5.1 indicates the following:

- ◆ Change in opening hours to now open half an hour earlier on weekdays, 2 hours earlier on a Saturday and 1 hour earlier on a Sunday.
- ◆ The floor area has approximately doubled in size and the number of members has increased by approximately 50% since 1993.
- ◆ The percentage of gym users walking has increased with the percentage of drivers decreasing. This is likely to be a result of the general level of activity around Bondi Junction increasing over time.
- ◆ The overall average length of stay has not changed significantly since 1993.
- ◆ The weekday PM peak hour remains the busiest period for the gymnasium.

- ♦ The total person trips have significantly decreased and as a result, so have all other peak trip characteristics.

5.2 *Bodyheat (1993) vs Body Health Fitness Centre (2014)*

A summary of the 1993 and 2014 survey data is provided in Table 5.2.

Table 5.2: Comparison of Al's Gym (1993) and Bondi Gym (2014) Survey Results

Attribute	1993	2014	Comments
Date of Surveys	Wednesday 7 April 1993 Saturday 24 April 1993	Monday 31 March 2014 Saturday 29 March 2014	Surveys undertaken at a similar time of year.
Opening Hours	Tue 6am-10pm, Wed 6am-11pm, Thu 9am-11pm, Fri 6am-8pm, Sat 9am-6pm, Sun 9am-8pm	Mon to Thu 6am- 9:30pm, Fri 6am-8pm, Sat 7:30am-6pm, Sun 8am-10:00am and 3:30pm-7:00pm	Not open Mondays in 1993. Not open as late as 1993, but now open earlier.
Total Floor Area (GLFA)	700m ² [1]	900m ²	Conversion of 2 squash courts has increased the area of the gym.
% Car Driver	70%	73%	Increase in the percentage of people coming to the gym by car
% Passenger		16%	
% Motorcycle		0%	
% PT (Bus, Train, Taxi)	14%	0%	Reduction in public transport use between 1993 and 2014.
% Walk	16%	11%	No major change in the percentage of people walking.
% Bicycle		0%	
Peak Person Trips (peak time)	119 (1730-1830)	64 (1745-1845)	Reduction of 17.0/100m ² in 1993 to 7.1/100m ² in 2014.
Peak Vehicle Trips (peak time)	66 (1730-1830)	51 (1745-1845)	Reduction of 9.4/100m ² in 1993 to 5.7/100m ² in 2014.
Peak Parking Accumulation (peak time)	54 (1000)	32 (1830)	Reduction of 7.7/100m ² in 1993 to 3.6/100m ² in 2014.
Avg Length of Stay Weekday AM Weekday Mid Weekday PM Saturday	60 mins 60 mins 76 mins 67 mins	61 mins 64 mins 69 mins 76 mins	No major change between 1993 and 2014 in terms of typical average duration of stay.
Number of Members	400	575	

[1] Did not include 3 squash courts which are documented as 1,000m². This value is questioned as the 900m² measured in 2014 includes one squash court of 63m².

Comparison of 1993 Surveys and 2014 Surveys

Table 5.2 indicates the following:

- ◆ Change in opening hours with the gymnasium now open on Mondays, opening earlier on Saturdays and closing earlier during the week. Presumably this reflects the decrease in squash demand at the centre since 1993.
- ◆ The floor area has increased by 200m² (approximately 30%) as 2 squash courts have been converted to weights / exercise machines.
- ◆ The number of members has increased approximately 44%.
- ◆ The percentage of public transport use has decreased from 14% in 1993 to 0% in 2014. This percentage has migrated to car use.
- ◆ The overall average length of stay has not changed significantly since 1993.
- ◆ The weekday PM peak hour remains the busiest period for the gymnasium.
- ◆ The total person trips have significantly decreased and as a result, so have all other peak trip characteristics.

5.3 Graphs of 1993 and 2014 Results

Graphs of the results of the 1993 and 2014 survey results are provided in Figure 5.1 to Figure 5.6. A Regional gymnasium is a site within a major centre and a sub-regional gymnasium is one that is not in a major centre. It is noted that in the 1993 study, Bondi Gym was considered as sub-regional gymnasium however for comparison purposes, it has been included in the Regional results as well as Bondi Junction's density and public transport provision are considered similar to Parramatta which was considered a regional centre in the previous study.

Figure 5.1: Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Person Trips (PPT)

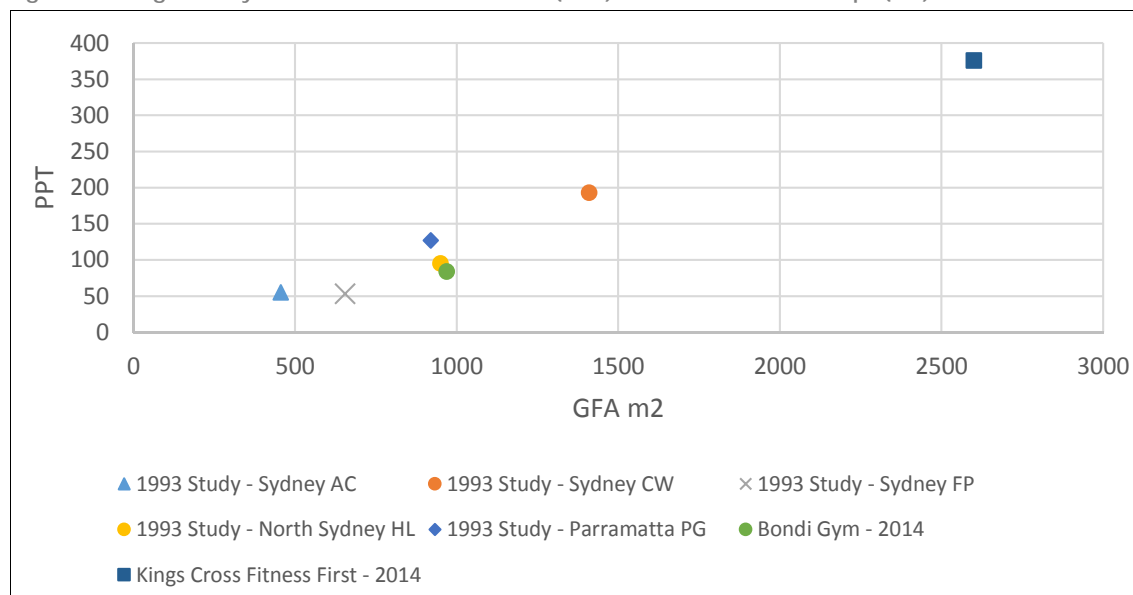


Figure 5.1 indicates that Bondi Gym and Fitness First Kings Cross correlate well with the previous survey results for Regional gymnasiums for peak hour person trips (PPT) and GFA.

Figure 5.2: Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Vehicle Trips (PVT)

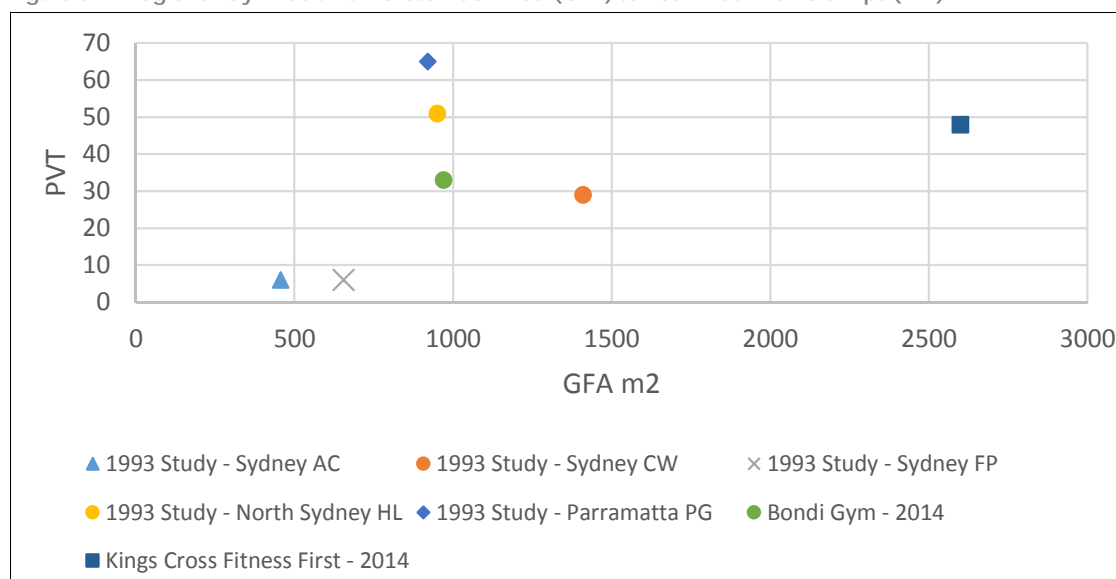


Figure 5.2 indicates that Bondi Gym correlates well with previous survey results. Fitness First Kings Cross however, when added to the results is likely to result in a change of the line of best fit. It is noted that Fitness First Kings Cross is significantly larger than any gymnasium surveyed in 1993.

Figure 5.3: Regional Gymnasiums - Gross Floor Area (GFA) to Peak Parking Accumulation (PPA)

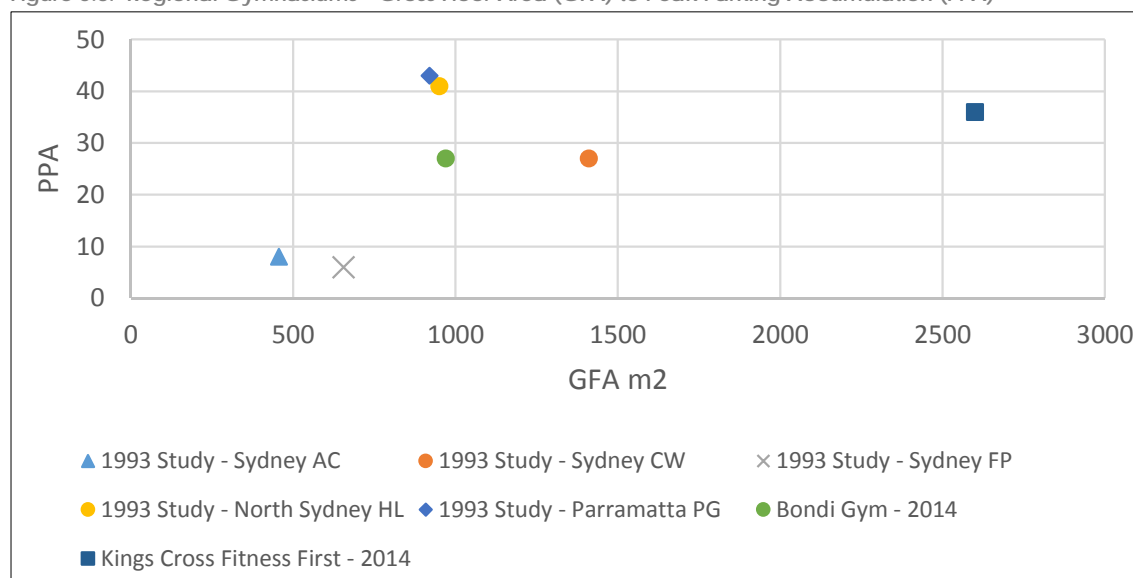


Figure 5.3 indicates that Bondi Gym correlates well with previous survey results. Fitness First Kings Cross however, when added to the results is likely to result in a change to the line of best fit. It is noted that Fitness First Kings Cross is significantly larger than any gymnasium surveyed in 1993.

Figure 5.4: Sub-Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Person Trips (PPT)

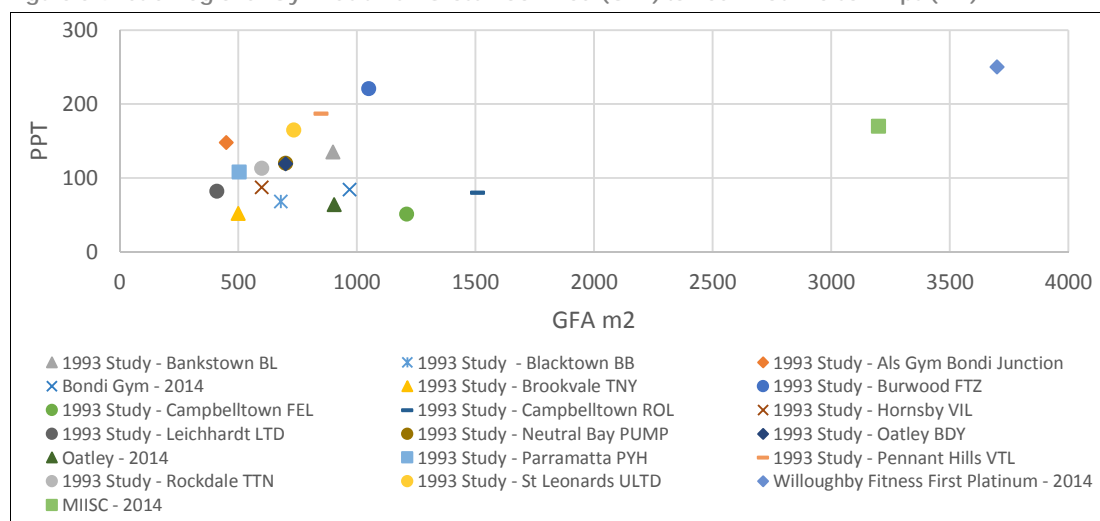


Figure 5.4 indicates that Bondi Gym and the Body Health Fitness Centre in Oatley generally correlate well with the previous survey results for Sub-Regional gymnasiums for peak hour person trips (PPT) and GFA. All results are generally at the lower end of the range. Willoughby Fitness First Platinum and MIISC are significantly larger than the any of the gymnasiums surveyed in the 1993 study and when added to the results would change the line of best fit.

Figure 5.5: Sub-Regional Gymnasiums - Gross Floor Area (GFA) to Peak Hour Vehicle Trips (PVT)

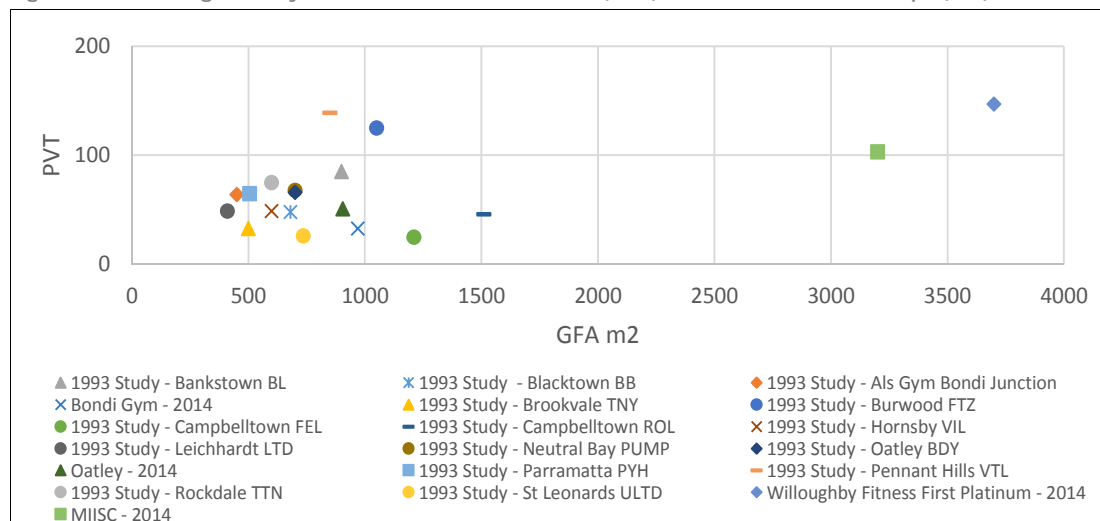


Figure 5.5 indicates that Bondi Gym, Body Health Fitness Centre in Oatley, Willoughby Fitness First Platinum and the MIISC generally correlate well with the previous survey results for Sub-Regional gymnasiums for peak hour vehicle trips (PVT) and GFA. Willoughby Fitness First Platinum and MIISC are significantly larger than the any of the gymnasiums surveyed in the 1993 study and when added to the results would change the line of best fit

Figure 5.6: Sub-Regional Gymsnasiums - Gross Floor Area (GFA) to Peak Parking Accumulation (PPA)

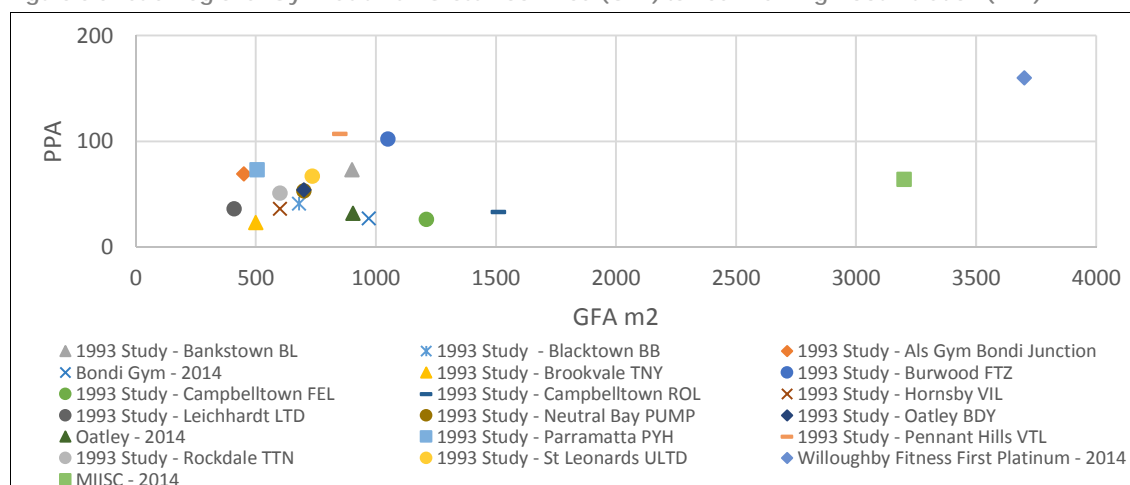


Figure 5.6 indicates that Bondi Gym, Body Health Fitness Centre in Oatley and the MIISC are generally at the lower end of the peak parking demand for their size. Willoughby Fitness First Platinum generally correlates well with the previous survey results for Sub-Regional gymnasiums for peak hour vehicle trips (PVT) and GFA despite it being significantly larger than any gymnasium previously surveyed.

5.4 Summary of Results per 100m²

Table 5.3 presents a summary of the results normalised to 100m².

Table 5.3: Summary of Site Transport Survey Results per 100m² GFA

Site	GFA	Public Transport Accessibility Score	% Car Driver (average of all periods)	Peak Hourly Person Trips per 100m² GFA	Peak Vehicle Accumulation per 100m² GFA	Peak Vehicle Trips per 100m² GFA [1]
Bondi Gym	970	0.9	40%	8.7	2.8	3.4
Oatley	905	0.2	73%	7.1	3.5	5.6
Kings Cross	2,600	0.75	14%	14.5	1.4	1.8
Willoughby	3,700	0.9	74%	6.8	4.3	4.0
MIISC	3,200	0.2	62%	5.3	2.0	3.2
Average of all Sites				8.5	2.8	3.6

[1] Where car parking is not 100% on-site this is determined by comparing the peak hourly person trips to average car driver percentage.

Comparison of 1993 Surveys and 2014 Surveys

A graph comparing peak hourly person trips and gross floor area for all surveyed sites is provided in Figure 5.7.

Figure 5.7: Comparison of Gross Floor Area (GFA) and Peak Hourly Person Trips (PPT)

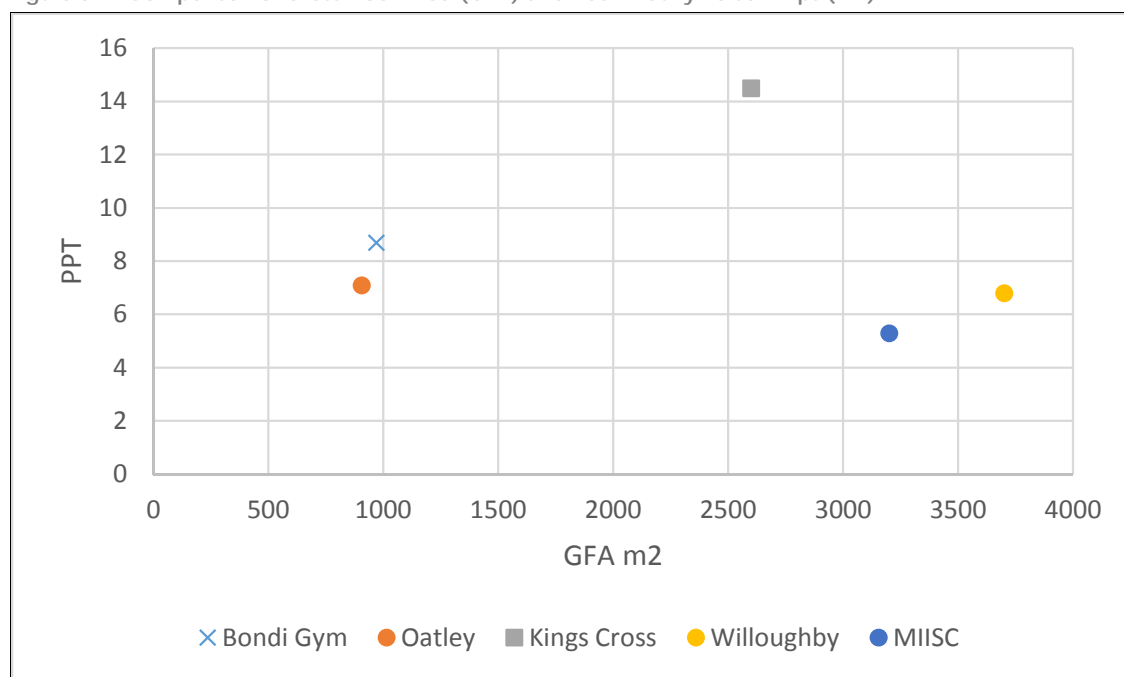


Figure 5.7 indicates that if Kings Cross is excluded from the data set, there is a downward trend between increase in size and maximum peak hour person trip rate per 100m². It is understood that Kings Cross Fitness First is one of the most popular gymnasiums in New South Wales. In addition, the demographic characteristics of the area are likely to play a part in the high peak person trip rate. Other reasons to explain the high peak hourly person trip rate are its location, status as a premium gymnasium and the fact that the gymnasium has recently been renovated.

The RTA Guide to Traffic Generating Developments identifies the following rates:

- ◆ Regional Centres in close proximity to public transport – Parking provision of 3 spaces per 100m² GFA and traffic generation rate of 3 vehicle movements per 100m² GFA during the evening peak hour.
- ◆ Sub-Regional Centres - Minimum provision of 4.5 spaces per 100m² GFA and desirable provision of 7.5 spaces per 100m² GFA and a traffic generation rate of 9 movements per 100m² GFA during the evening peak hour.

Table 5.3 indicates that the surveyed rates for sub-regional gymnasiums were well below the desirable provision for parking and evening peak hour traffic generation rates.

6. Conclusions and Recommendations

6.1 Conclusions

It is unclear at this stage the reason why there is such a difference in the 1993 survey results and the 2014 results at the same gymnasium sites.

The number of members have increased at both comparison sites since 1993 however there is now significant competition from major chains which is likely to have resulted in a greater number of gymnasiums generally across Sydney, although we cannot substantiate this, there is anecdotal evidence that supports this theory.

A quick review of Bondi Junction indicates that there are at least 14 gymnasiums or related fitness locations. It is unclear whether this is an increase since 1993, however it is likely that this is an increase. A review of population growth of Bondi Junction indicates that in 1991 population was 6,605 and that increased to 8,607 by 2011, an increase of 2,002 people² or around 30%.

It is likely that a similar increase in gymnasiums or other fitness related locations has occurred around Oatley however we cannot be sure whether this is the case.

As identified in the introduction, there has been a push towards 24-hour gymnasiums and consolidation of the number of gymnasium operators. The consolidation of ownership also allows members of the chain to use a number of gymnasiums in addition to their 'home' gymnasium. A comparison of opening hours between the two sites indicates a change in opening hours with gymnasiums now open earlier. If gymnasiums have longer opening hours then the same number of people spread across longer opening hours would result in lower peak person trip rates.

At the time of the survey, Fitness First Kings Cross opened on weekdays at 6:00am however they are currently opening up 5:00am on weekdays to cater for members that want to start training earlier.

It is also possible that the type of equipment used in gymnasiums these days takes up more room than it did back in 1993, resulting in a reduced maximum capacity of gymnasiums in 2014.

It is noted that during the peak operation of Bondi Gym, a member left shortly after arriving as the gym was "far too busy". Based on the surveys in 2014, the peak person trips was significantly less than in 1993, yet the average duration of stay is approximately the same. This suggests that the capacity of the gymnasium (people per m²) is less than it was in 1993. This, combined with the longer opening hours suggests a change in the way people use gymnasiums today when compared to 1993.

The following is an extract from the 1993 study.

"The survey results reveal that activity at gymnasiums varies significantly due to largely unpredictable factors such as promotional effort, season / day to day demand, trendiness, popularity of particular instructors, weather etc and because most gymnasiums are not

² <http://profile.id.com.au/waverley/population?WebID=120&es=1&BMID=40&EndYear=1991&DataType=en>

‘purpose built’ there is a reduced correlation between floor area and actual utilisation demand.”

We suggest that this statement is as true today as it was in 1993. Fitness is an evolving industry with classes and equipment changing with new research and trends. For all sites, the survey results suggest lower peak vehicle trips and peak parking accumulation than 1993. While some sites are still within the range of the surveys, more information is needed to determine whether all results are still valid for use.

A summary of the peak person accumulation compared to GFA is provided in Table 6.1. This cannot be compared to the 1993 survey as although the results might exist, the report does not directly identify person accumulation.

Table 6.1: Summary of Peak Person Accumulation

Site	Peak Person Accumulation	GLFA (m ²)	People / 100m ² GFA
Bondi Gym	72	960	7.5
Body Health Fitness Centre Oatley	44	900	4.9
Kings Cross Fitness First	240	2,455	9.8
Willoughby Fitness First Platinum	180	3,620	5.0
MIISC	87	3,185	2.7
Average			5.98

Based on the information provided in Table 6.1 and Table 5.3, while the regional gymnasium results are generally close to the values in the existing RTA Guide to Traffic Generating Developments, the values for sub-regional gymnasiums are well below the desirable provision.

6.2 Recommendations

Based on the survey results and review of the previous surveys the following recommendations can be made:

- ♦ That additional surveys be undertaken at small to medium sites in sub-regional areas to determine whether the trend towards reduced capacity, trip generation rates and car parking capacity is supported. The majority of the gymnasiums surveyed in 1993 were in the range of 400m² to 800m² with the largest surveyed at 1,510m².
- ♦ The instances of larger gymnasiums, greater than 2,000m² are not as common as gymnasiums that are less than 1,000m². As such it is recommended that additional surveys be undertaken at larger gymnasiums to provide more data to compare to this study.

7. How to read the detailed survey results

The following sets out an explanation of the questions and abbreviations used in the results which are provided in the Appendices to this report.

Arrive Time

The time the person arrived at the front door to the gymnasium.

How did you travel to the gym today?

- ♦ Walk – Walked as the only mode of transport to gymnasium.
- ♦ Bike – Rode a bicycle as the main mode of transport to the gymnasium.
- ♦ Train – Caught a train as the main mode of transport to the gymnasium.
- ♦ Car – Drove a car as the main mode of transport to the gymnasium.
- ♦ Pass – Was a passenger in a car, or similar, as the main mode of transport to the gymnasium. This could include being dropped off and coming alone or coming as part of a group.
- ♦ S/MB – Rode a scooter or a motorcycle as the main mode of transport to the gymnasium.
- ♦ Taxi – Took a taxi as the main mode of transport to the gymnasium.

Where did you park?

- ♦ OSCP – Off-Street Car Park – This could include the gymnasium car park (if applicable) or another off-street car park.
- ♦ Street – Vehicle was parked on the street.

Visiting any other uses around the gym today?

This question can be used to identify what percentage of people visit multiple uses in the immediate area.

- ♦ Retail – Various retail uses – could include café, supermarket, other shops
- ♦ Office – Gymnasium visitor's place of work
- ♦ Comm – Various other commercial uses or businesses
- ♦ Oth-B – Other uses

Mode of Travel to Centre Today?

This question is used where people for example, work in the centre, and have walked to the gymnasium. In this case, we want to capture how they travelled to the centre. See above for modes of transport.

Time spent at gym (mins)

As explained in the report the amount of time someone planned to or spent at the gymnasium was recorded.

- ♦ Min – If someone gives a range such as 30 minutes to 45 minutes, the "Min" refers to the lowest value.
- ♦ Max – If someone gives a range such as 30 minutes to 45 minutes, the "Max" refers to the highest value.
- ♦ Avg / Exact
 - ♦ If someone gives a range such as 30 minutes to 45 minutes, the "Avg / Exact" refers to the average of the "Min" and "Max" values.

How to read the detailed survey results

- ◇ If someone says they plan to be at the gymnasium for 30 minutes then "Avg / Exact" refers to that value.
- ◇ If the surveyor was able record the exact amount of time the person was in the gymnasium, then the "Avg / Exact" value is the exact value. Typically this can be identified where the value is not rounded to the nearest 5 or 10 minutes.

Leave time

The difference between the "Arrive Time" and the "Avg / Exact" time spent at the gymnasium. That is, they time they left the gymnasium door.

Postcode

Member's home postcode or where they are currently living, for example if they are in Sydney on holiday or on business.

Notes

Any notes made by the surveyor, typically regarding whether the person was a staff member.

Blank Values

Response rates varied at gymnasiums and at different times of the day. Often people were in a rush to get to a class or were not willing to answer all the questions. In this case, as much information as possible was obtained by the surveyor. Where there is a blank cell, the information was not obtained for that person.

People In

The number of people that enter the gymnasium during the identified period.

People Out

The number of people that exit the gymnasium during the identified period.

Total People in Gym

The total number of people that are in the gymnasium at the end of the identified period.

Profile of People in Gym

The percentage of the total number of people in the gymnasium compared to the maximum recorded on the survey day.

CP Ins / Car Park In

The number of vehicles that enter the gymnasium car park (if applicable) during the identified period.

CP Outs / Car Park Out

The number of vehicles that exit the gymnasium car park (if applicable) during the identified period.

Total Movements

The total number of vehicle movements associated with the gymnasium (Ins + Outs).

Gym CP Demand

The amount of cars parked on-site at the end of the identified period.

Vehicle Accumulation Total

The total number of off-street and on-street vehicles parked associated with the gymnasium at the end of the identified period.

Vehicle Accumulation Percentage

The percentage of the maximum demand recorded across the day.

Appendix A

Bondi Gym Survey Results

14S160 - RMS Gym Study
Monday, 17 February 2014
Bondi Gym

Time		People In		People Out		Total People in Gym		Person Trips		Vehicle Trips		Vehicle Accumulation	
		Cumulative	Exact	Cumulative	Exact	Total	Profile	(PT)	(PPT)	(VT)	(PVT)	Total (PPA)	Profile
6:00am	6:15am	8	8	0	0	16	22%	8		4		8	30%
6:15am	6:30am	12	4	1	1	19	26%	5		2		9	33%
6:30am	6:45am	17	5	2	1	23	32%	6		3		11	41%
6:45am	7:00am	19	2	9	7	18	25%	9	28	4	13	8	30%
7:00am	7:15am	24	5	13	4	19	26%	9	29	4	13	9	33%
7:15am	7:30am	27	3	17	4	18	25%	7	31	3	14	8	30%
7:30am	7:45am	32	5	22	5	18	25%	10	35	5	16	8	30%
7:45am	8:00am	36	4	25	3	19	26%	7	33	3	15	9	33%

11:00am	11:15am	1	1	4	4	15	21%	5		2		5	19%
11:15am	11:30am	4	3	7	3	15	21%	6		2		5	19%
11:30am	11:45am	5	1	13	6	10	14%	7		2		3	11%
11:45am	12:00pm	6	1	16	3	8	11%	4	22	1	7	2	7%
12:00pm	12:15pm	8	2	18	2	8	11%	4	21	1	6	2	7%
12:15pm	12:30pm	8	0	19	1	7	10%	1	16	0	4	2	7%
12:30pm	12:45pm	11	3	21	2	8	11%	5	14	2	4	2	7%
12:45pm	1:00pm	13	2	25	4	6	8%	6	16	2	5	2	7%

4:30pm	4:45pm	5	5	4	4	29	40%	9		3		11	41%
4:45pm	5:00pm	20	15	9	5	39	54%	20		8		15	56%
5:00pm	5:15pm	30	10	16	7	42	58%	17		6		16	59%
5:15pm	5:30pm	42	12	23	7	47	65%	19	65	7	24	18	67%
5:30pm	5:45pm	53	11	29	6	52	72%	17	73	6	27	20	74%
5:45pm	6:00pm	69	16	31	2	66	92%	18	71	7	26	25	93%
6:00pm	6:15pm	81	12	37	6	72	100%	18	72	7	27	27	100%
6:15pm	6:30pm	89	8	49	12	68	94%	20	73	8	28	26	96%
6:30pm	6:45pm	104	15	62	13	70	97%	28	84	11	33	27	100%
6:45pm	7:00pm	107	3	69	7	66	92%	10	76	4	30	25	93%
7:00pm	7:15pm	113	6	76	7	65	90%	13	71	5	28	25	93%
7:15pm	7:30pm	117	4	90	14	55	76%	18	69	7	27	21	78%
7:30pm	7:45pm	120	3	104	14	44	61%	17	58	6	22	17	63%

14S160 - RMS Gym Study
Saturday, 22 February 2014
Bondi Gym

Time		People In		People Out		Total People in Gym		Person Trips		Vehicle Trips		Vehicle Accumulation	
		Cumulative	Exact	Cumulative	Exact	Total	Profile	(PT)	(PPT)	(VT)	(PVT)	Total (PPA)	Profile
7:00am	7:15am	3	3	0	0	7	13%	3		1		3	13%
7:15am	7:30am	6	3	0	0	10	18%	3		1		4	17%
7:30am	7:45am	8	2	0	0	12	21%	2		1		5	21%
7:45am	8:00am	11	3	7	7	8	14%	10	18	4	7	3	13%
8:00am	8:15am	19	8	8	1	15	27%	9	24	4	10	6	25%
8:15am	8:30am	21	2	12	4	13	23%	6	27	3	12	6	25%
8:30am	8:45am	24	3	13	1	15	27%	4	29	2	13	6	25%
8:45am	9:00am	34	10	14	1	24	43%	11	30	5	14	10	42%
9:00am	9:15am	40	6	21	7	23	41%	13	34	6	16	10	42%
9:15am	9:30am	49	9	21	0	32	57%	9	37	4	17	14	58%
9:30am	9:45am	56	7	23	2	37	66%	9	42	4	19	16	67%
9:45am	10:00am	66	10	23	0	47	84%	10	41	4	18	20	83%
10:00am	10:15am	76	10	24	1	56	100%	11	39	5	17	24	100%
10:15am	10:30am	82	6	32	8	54	96%	14	44	6	19	23	96%
10:30am	10:45am	86	4	34	2	56	100%	6	41	3	18	24	100%
10:45am	11:00am	89	3	42	8	51	91%	11	42	5	19	22	92%
11:00am	11:15am	92	3	43	1	53	95%	4	35	2	16	23	96%
11:15am	11:30am	96	4	47	4	53	95%	8	29	3	13	23	96%
11:30am	11:45am	104	8	64	17	44	79%	25	48	11	21	19	79%
11:45am	12:00pm	107	3	69	5	42	75%	8	45	3	19	18	75%

14S160 - RMS Gym Study
Monday, 17 February 2014
Bondi Gym

Arrive	How did you travel to the Gym today?								Where did you park?		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave Time	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Min	Max	Avg / Exact			
5:54					1		1		1		1												786	19:00	2020	Staff
5:56					1					1													60	6:56	2032	
5:58					1																			5:58		
6:01					1					1													60	7:01	2023	
6:04					1					1											60	75	67.5	7:11	2024	
6:06					1					1													60	7:06	2021	
6:08					1				1														45	6:53	2000	
6:10								1			1												115	8:05	2033	
6:10								1			1												115	8:05	2033	
6:12	1																						60	7:12	2022	
6:13					1					1	1												45	6:58	2023	
6:19					1																		49	7:08		
6:25					1					1													100	8:05	2021	
6:25				1							1												100	8:05	2030	Staff
6:30				1																			60	7:30		
6:37	1																						50	7:27	2026	
5:45					1					1													60	6:45	2030	
6:40	1																						30	7:10	2022	
6:44	1												1										45	7:29	2022	
6:48					1					1											50	60	55	7:43	2026	
6:51		1																					60	7:51		
6:52	1																						1	6:53	2022	
7:09	1																						45	7:54	2022	
7:18					1				1		1												60	8:18	2031	
7:25					1				1														45	8:10	2019	
7:30	1																						40	8:10	2022	
7:31					1				1														60	8:31	2031	
7:38	1																						60	8:38	2022	
7:45	1																						45	8:30	2022	
7:46	1																						45	8:31	2022	
7:56				1																			90	9:26	2026	
7:59					1				1				1										30	8:29	2031	
	10	1	0	3	15	0	1	2	6	8	6	0	2	0	0	0	0	0	0	0		Avg	59.16			
AM	31%	3%	0%	9%	47%	0%	3%	6%	43%	57%																

14S160 - RMS Gym Study
Monday, 17 February 2014
Bondi Gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time	Postcode	Notes
11:18					1					1	1												45	12:03	2026	
11:20																							53	12:13		
11:29	1																						60	12:29	2025	
11:36					1					1											90	120	105	13:21	2031	
11:38	1												1				1						72	12:50	2045	
11:54				1																	60	120	90	13:24	2029	
12:03	1																						90	13:33	2026	
12:03					1				1														30	12:33	2032	
12:34	1										1										45	60	52.5	13:26	2025	
12:45	1																						60	13:45	2026	
12:46							1																5	12:51		Lunch Delivery
	5	0	0	1	3	0	1	0	1	2	2	0	1	0	0	0	1	0	0	0		Avg	65.75			
Mid	50%	0%	0%	10%	30%	0%	10%	0%	33%	67%																

14S160 - RMS Gym Study
Monday, 17 February 2014
Bondi Gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time	Postcode	Notes
16:34			1																		120	180	150	19:04	2000	
16:41					1				1												45	60	52.5	17:33	2065	
16:43							1			1											45	60	52.5	17:35	2026	
16:46					1				1		1												90	18:16	2024	
16:48				1																			180	19:48	2034	
16:49			1																				90	18:19	2024	
16:50	1																						60	17:50	2022	
16:51				1							1												180	19:51	2033	
16:52						1																	218	20:30	2026	
16:54							1																60	17:54	2031	
16:57		1																					40	17:37	2031	
16:59	1											1			1								60	17:59	2026	
17:03							1			1											180	240	210	20:33	2029	
17:04						1																	60	18:04	2031	
16:27					1					1													60	17:27	2029	
17:13	1										1												60	18:13	2030	
17:14					1				1				1										60	18:14	2026	
17:16					1				1														90	18:46	2022	
17:10					1					1													90	18:40	2035	
17:20					1				1														90	18:50	2025	
17:25					1				1				1						1				90	18:55	2029	
17:26	1																						75	18:41	2022	
17:31			1																				120	19:31	2061	
17:33					1				1		1												45	18:18	2021	
17:35	1																						120	19:35	2022	
17:35				1							1												15	17:50	2024	
17:35				1							1												15	17:50	2024	
17:35					1					1													15	17:50	2024	
17:36	1																						60	18:36	2026	
17:38		1																					45	18:23	2026	
17:45	1												1				1				45	60	52.5	18:37	2206	
17:47			1																				75	19:02	2024	

14S160 - RMS Gym Study
Monday, 17 February 2014
Bondi Gym

Arrive Time	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave Time	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact			
17:48					1				1														75	19:03	2026	
17:50	1												1				1						60	18:50	2015	
17:50					1				1														20	18:10	2026	
17:52					1					1													60	18:52	2026	
17:58	1																						60	18:58	2022	Staff
17:59					1					1													60	18:59	2026	
18:01					1				1														60	19:01	2026	
18:03					1				1		1												30	18:33	2031	
18:07	1																						120	20:07	2022	
18:07					1				1			1											120	20:07	2173	
18:11	1																				45	60	52.5	19:03	2022	
18:12	1																						90	19:42	2022	
18:16					1				1												134	164	149	20:45	2026	
18:24			1																				60	19:24	2033	
18:30	1																						60	19:30	2022	
18:34						1															90	120	105	20:19	2026	
18:35					1				1		1												60	19:35	2010	
18:36	1																						30	19:06	2022	
18:37					1				1		1												60	19:37	2022	
18:38				1							1										112	142	127	20:45	2036	
18:48	1																						90	20:18	2022	
18:57					1				1												60	90	75	20:12	2031	
19:08						1															60	90	75	20:23	2035	
19:16					1				1			1							1				45	20:01	2017	
18:30					1					1													50	19:20	2026	
19:25	1																						60	20:25	2022	
19:27	1																						60	20:27	2022	
18:03	1																		1				90	19:33	2035	
	18	2	5	5	23	4	3	0	17	8	10	3	4	0	1	0	2	0	3	0		Avg	78.37			
PM	30%	3%	8%	8%	38%	7%	5%	0%	68%	32%																

14S160 - RMS Gym Study
Saturday, 22 February 2014
Bondi Gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visiting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave Time	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact			
7:10					1					1													60	8:10	2021	
7:12					1					1													45	7:57	2021	
7:15	1																						20	7:35	2022	
7:19					1					1													60	8:19	2029	
7:25	1																						60	8:25	2022	
7:28					1					1													45	8:13	2023	
7:44	1																						30	8:14	2022	
7:51		1									1												35	8:26	2022	
7:50	1										1												130	10:00	2026	Staff
8:01								1															45	8:46	2010	Staff
8:03	1																				45	60	52.5	8:55	2022	
8:06					1				1														120	10:06	2023	
8:09	1										1												60	9:09	2022	
8:11	1																						45	8:56	2022	
8:25					1					1	1												335	14:00	2021	Staff
8:27					1					1													40	9:07	2026	
8:37	1										1												120	10:37	2026	
8:49					1				1												161	191	176	11:45	2026	
8:51					1				1		1												120	10:51	2026	
8:53			1																				217	12:30	2064	
8:54					1					1													60	9:54	2021	
8:56			1								1												60	9:56	2011	
9:04					1					1													60	10:04	2023	
9:12				1																			60	10:12	2036	
9:14					1				1														45	9:59	2024	
9:19						1					1												120	11:19	2061	Staff
9:21							1																89	10:50	2031	
9:25					1					1	1												150	11:55	2220	
9:25			1								1												60	10:25	2021	
9:26						1															90	120	105	11:11	2018	
9:28					1				1														180	12:28	2047	
9:36					1					1	1												150	12:06	2018	
9:40	1										1												60	10:40	2025	
9:44	1																						180	12:44	2022	
9:46	1																						30	10:16	2022	

14S160 - RMS Gym Study
Saturday, 22 February 2014
Bondi Gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave Time	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact			
9:54					1				1														30	10:24	2026	
9:55	1																						60	10:55	2031	
9:56					1				1														60	10:56	2028	
9:59					1				1														75	11:14	2026	
10:00					1					1	1		1										60	11:00	2026	
10:00						1					1		1										60	11:00	2026	
10:07	1																						60	11:07	2026	
10:10					1					1													60	11:10	2026	
10:16	1										1												90	11:46	2024	
10:24					1				1		1												90	11:54	2031	
10:25					1				1														60	11:25	2026	
10:28	1																						60	11:28	2022	
10:29				1																				10:29		
10:36						1																	60	11:36	2021	
10:59				1							1												120	12:59	2000	
11:16					1					1	1												7	11:23	2023	
11:20		1									1												90	12:50	2010	
11:21						1																	40	12:01		
11:30				1							1												120	13:30	2037	
11:39	1																						70	12:49	2022	
11:39					1				1														60	12:39	2024	
	16	2	3	4	24	5	1	1	11	13	20	0	2	0	0	0	0	0	0	0	Avg		76.99			
Sat	29%	4%	5%	7%	43%	9%	2%	2%	46%	54%																

Appendix B

Body Health Fitness Centre Oatley Survey Results

14S160 - RMS Gym Study
Monday 31/03/2014
Body Health Fitness Oatley

Time		People In		People Out		Total People in Gym		Vehicle Movements		Total CP Movements	Gym CP Demand	Person Trips		Vehicle Trips		Vehicle Accumulation	
		Cumulative	Exact	Cumulative	Exact	People	Profile	CP Ins	CP Outs			(PT)	(PPT)	(VT)	(PVT)	Total	Profile
6:00am	6:15am	8	8	0	0	20	47%	8	0	8	14	8		14		18	56%
6:15am	6:30am	14	6	2	2	24	56%	4	0	4	18	8		7		21	66%
6:30am	6:45am	15	1	3	1	24	56%	0	1	1	17	2		2		21	66%
6:45am	7:00am	16	1	5	2	23	53%	1	2	3	16	3	21	3	26	20	63%
7:00am	7:15am	18	2	21	16	9	21%	2	9	11	9	18	31	16	28	9	28%
7:15am	7:30am	20	2	22	1	10	23%	1	1	2	9	3	26	3	24	9	28%
7:30am	7:45am	20	0	25	3	7	16%	0	2	2	7	3	27	3	25	7	22%
7:45am	8:00am	21	1	27	2	6	14%	1	1	2	7	3	27	3	25	7	22%
										0							
9:15am	9:30am	18	18	3	3	31	72%	7	3	10	15	21		14		21	66%
9:30am	9:45am	22	4	6	3	32	74%	3	2	5	16	7		5		22	69%
9:45am	10:00am	25	3	6	0	35	81%	2	0	2	18	3		2		24	75%
10:00am	10:15am	30	5	11	5	35	81%	3	1	4	20	10	41	7	28	24	75%
10:15am	10:30am	36	6	13	2	39	91%	4	2	6	22	8	28	6	20	27	84%
10:30am	10:45am	37	1	28	15	25	58%	0	8	8	14	16	37	11	26	17	53%
10:45am	11:00am	37	0	31	3	22	51%	2	5	7	11	3	37	7	31	15	47%
11:00am	11:15am	37	0	33	2	20	47%	0	3	3	8	2	29	3	27	14	44%
11:15am	11:30am	37	0	47	14	6	14%	0	8	8	0	14	35	10	31	4	13%
										0							
4:45pm	5:00pm	11	11	1	1	16	37%	6	3	9	14	12		9		14	44%
5:00pm	5:15pm	18	7	1	0	23	53%	3	0	3	17	7		5		17	53%
5:15pm	5:30pm	24	6	2	1	28	65%	2	3	5	16	7		5		21	66%
5:30pm	5:45pm	30	6	4	2	32	74%	2	3	5	15	8	34	6	25	24	75%
5:45pm	6:00pm	32	2	10	6	28	65%	3	6	9	12	8	30	9	25	21	66%
6:00pm	6:15pm	38	6	19	9	25	58%	3	5	8	10	15	38	11	31	19	59%
6:15pm	6:30pm	60	22	23	4	43	100%	9	1	10	18	26	57	20	46	32	100%
6:30pm	6:45pm	65	5	33	10	38	88%	2	3	5	17	15	64	11	51	29	91%
6:45pm	7:00pm	65	0	35	2	36	84%	0	1	1	16	2	58	2	44	27	84%
7:00pm	7:15pm	65	0	37	2	34	79%	0	0	0	16	2	45	2	35	26	81%
7:15pm	7:30pm	76	11	46	9	36	84%	8	4	12	20	20	39	15	30	27	84%
7:30pm	7:45pm	85	9	70	24	21	49%	3	11	14	12	33	57	25	44	16	50%

14S160 - RMS Gym Study
Saturday 29/03/2014
Body Health Fitness Oatley

Time		People In		People Out		Total People in Gym		Vehicle Movements		Total CP	Gym CP	Person Trips		Vehicle Trips		Vehicle Accumulation	
		Cumulative	Exact	Cumulative	Exact	People	Profile	CP Ins	CP Outs	Movements	Demand	(PT)	(PPT)	(VT)	(PVT)	Total	Profile
7:30am	7:45am	10	10	0	0	14	32%	12	2	14	14	10		14		14	45%
7:45am	8:00am	30	20	0	0	34	77%	5	0	5	19	20		14		24	77%
8:00am	8:15am	33	3	1	1	36	82%	1	0	1	20	4		3		25	81%
8:15am	8:30am	35	2	2	1	37	84%	2	1	3	21	3	37	3	34	26	84%
8:30am	8:45am	37	2	3	1	38	86%	0	0	0	21	3	30	2	22	27	87%
8:45am	9:00am	51	14	24	21	31	70%	10	12	22	19	35	45	25	33	22	71%
9:00am	9:15am	56	5	30	6	30	68%	3	9	12	13	11	52	12	42	21	68%
9:15am	9:30am	59	3	32	2	31	70%	2	0	2	15	5	54	4	43	22	71%
9:30am	9:45am	62	3	33	1	33	75%	8	2	10	21	4	55	3	44	23	74%
9:45am	10:00am	85	23	45	12	44	100%	2	2	4	21	35	55	25	44	31	100%
10:00am	10:15am	88	3	49	4	43	98%	0	4	4	17	7	51	5	37	30	97%
10:15am	10:30am	91	3	55	6	40	91%	1	2	3	16	9	55	6	39	28	90%
10:30am	10:45am	94	3	59	4	39	89%	1	1	2	16	7	58	5	41	27	87%
10:45am	11:00am	96	2	60	1	40	91%	1	2	3	15	3	26	3	19	28	90%
11:00am	11:15am	96	0	93	33	7	16%	0	9	9	6	33	52	23	37	6	19%

14S160 - RMS Gym Study
Monday, 31 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park	Visting any other uses around the gym today? (before-after)					Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time		
6:07					1				1														45	6:52		
6:07					1					1													45	6:52		
6:07						1																	45	6:52		
6:08					1				1														57	7:05		
6:08					1				1														60	7:08		
6:10					1				1														50	7:00		
6:13					1					1													55	7:08		
6:14					1				1														46	7:00		
6:15					1					1													60	7:15		
6:19					1				1														120	8:19		
6:23					1					1													45	7:08		
6:27					1				1														75	7:42		
6:29					1				1														60	7:29		
6:27					1				1																	
6:40					1					1													60	7:40		
6:49					1				1														75	8:04		
5:59					1				1														62	7:01		
5:59						1																	62	7:01		
7:04					1				1														60	8:04		
7:09					1				1														60	8:09		
7:23					1				1														40	8:03		
7:27					1					1													60	8:27		
5:59	1																						93	7:32		
7:57					1				1														60	8:57		
	1	0	0	0	21	2	0	0	15	6	0	0	0	0	0	0	0	0	0	0		Avg	60.65			
AM	4%	0%	0%	0%	88%	8%	0%	0%	71%	29%																

14S160 - RMS Gym Study
Monday, 31 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time		
9:21					1				1														99	11:00		
9:21						1																	99	11:00		
9:21						1																	99	11:00		
9:22					1				1														60	10:22		
9:23					1				1														60	10:23		
9:23					1				1														60	10:23		
9:25					1				1														60	10:25		
9:25						1																	60	10:25		
9:25						1																	60	10:25		
9:25					1					1													60	10:25		
9:25					1				1														60	10:25		
9:27	1																						60	10:27		
9:28					1					1													60	10:28		
9:28					1				1														60	10:28		
9:29	1																						45	10:14		
9:29					1					1													65	10:34		
9:29						1																	61	10:30		
9:30	1																						60	10:30		
9:31					1				1														60	10:31		
9:33					1				1														74	10:47		
9:35					1				1														120	11:35		
9:45					1				1														35	10:20		
9:57					1				1														65	11:02		
9:57						1																	60	10:57		
10:01	1																						119	12:00		
10:01					1				1														3	10:04		
10:07					1				1														50	10:57		
10:13					1				1														60	11:13		
10:13						1																	60	11:13		
10:23					1				1														60	11:23		
10:23					1					1													60	11:23		
10:25					1					1													80	11:45		
10:27					1				1														40	11:07		
10:28					1				1														60	11:28		
10:29					1				1														60	11:29		
10:31					1					1													60	11:31		
	4	0	0	0	25	7	0	0	19	6	0	0	0	0	0	0	0	0	0	0	0	Avg	64.28			
Mid	11%	0%	0%	0%	69%	19%	0%	0%	76%	24%																

14S160 - RMS Gym Study
Monday, 31 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Min	Max	Avg / Exact	Time		
16:53					1					1											60	75	67.5	18:00		
16:53					1					1													60	17:53		
16:54					1					1													90	18:24		
16:54					1					1													60	17:54		
16:55					1																		60	17:55		
16:55						1																	60	17:55		
16:57					1					1																
16:57					1					1																
16:58					1					1													60	17:58		
16:59					1					1													271	21:30		
17:02	1																						59	18:01		
17:02	1																						59	18:01		
17:03					1					1													90	18:33		
17:04					1						1												36	17:40		
17:03						1																	90	18:33		
17:07					1					1													49	17:56		
17:10					1					1													148	19:38		
17:20	1																						70	18:30		
17:22					1					1													133	19:35		
17:25					1					1													66	18:31		
17:27					1						1												60	18:27		
17:28					1					1													60	18:28		
17:29					1					1													60	18:29		
17:32					1						1												60	18:32		
17:33					1						1															Staff
17:36					1						1												60	18:36		
17:37	1																						62	18:39		
17:44	1																						60	18:44		
17:44					1						1										45	60	52.5	18:36		
17:47					1						1												36	18:23		
18:03					1					1																
18:04					1					1													78	19:22		
18:04						1																	78	19:22		
18:07	1																						85	19:32		
18:07	1																						85	19:32		
18:12					1						1												81	19:33		

14S160 - RMS Gym Study
Monday, 31 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Min	Max	Avg / Exact	Time		
18:14					1				1														70	19:24		
18:15					1					1													65	19:20		
18:18					1					1													70	19:28		
18:19					1				1														60	19:19		
18:19									1														60	19:19		
18:20					1				1														60	19:20		
18:20					1				1														67	19:27		
18:20					1					1													45	19:05		
18:23					1																		65	19:28		
18:23									1														45	19:08		
18:24					1				1														90	19:54		
18:24										1													45	19:09		
18:25					1					1													60	19:25		
18:26					1				1														60	19:26		
18:27					1					1													36	19:03		
18:27						1				1													36	19:03		
18:28					1					1													60	19:28		
18:28					1				1																	
18:30	1																						90	20:00		
18:33					1				1														30	19:03		
18:41					1				1														60	19:41		
18:44					1				1														51	19:35		
19:15	1																									
19:18					1					1													60	20:18		
19:23					1				1														60	20:23		
19:24					1				1														60	20:24		
19:25					1				1														60	20:25		
19:25					1					1													60	20:25		
19:27					1				1														120	21:27		
19:27						1																	120	21:27		
19:28					1																		60	20:28		
19:28						1																	60	20:28		
19:29					1					1													60	20:29		
19:33					1				1														60	20:33		
19:33						1																	60	20:33		
19:37					1					1													60	20:37		
19:37	1																						60	20:37		
19:42					1				1												45	60	52.5	20:34		
19:42						1															45	60	52.5	20:34		
	10	0	0	0	54	8	0	0	33	22	0	0	0	0	0	0	0	0	0	0		Avg	68.64			
PM	14%	0%	0%	0%	75%	11%	0%	0%	60%	40%																

14S160 - RMS Gym Study
Saturday, 29 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time	Postcode	Notes
7:32					1				1														60	8:32		
7:33					1				1														207	11:00		Staff
7:34						1																	60	8:34		
7:34					1				1														90	9:04		
7:29					1				1														45	8:14		
7:29					1				1																	
7:29					1				1																	
7:29					1				1																	
7:38						1																	60	8:38		
7:40					1																		60	8:40		
7:41						1																	60	8:41		
7:41					1																		60	8:41		
7:44					1				1												60	90	75	8:59		
7:46					1				1														45	8:31		
7:47					1																		45	8:32		
7:48	1																						60	8:48		
7:48					1				1														60	8:48		
7:50					1					1													60	8:50		
7:52					1				1																	
7:52					1				1														180	10:52		
7:52						1																	180	10:52		
7:52						1																	180	10:52		
7:53					1					1													120	9:53		
7:55					1					1													60	8:55		
7:55					1					1													60	8:55		
7:56					1					1											60	90	75	9:11		
7:56					1				1														35	8:31		
7:57					1				1														60	8:57		
7:58						1																	120	9:58		
8:01					1				1														180	11:01		
8:02					1					1											60	120	90	9:32		
8:11	1																						60	9:11		
8:29					1				1														136	10:45		
8:29					1				1														35	9:04		

14S160 - RMS Gym Study
Saturday, 29 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time	Postcode	Notes
8:33					1					1													60	9:33		
8:41					1					1													58	9:39		
8:48					1					1													60	9:48		
8:49					1					1																
8:49						1																				
8:49						1																				
8:53					1				1														180	11:53		
8:53					1																		120	10:53		
8:55					1				1														60	9:55		
8:56					1				1														60	9:56		
8:58					1				1												60	90	75	10:13		
8:58						1															60	90	75	10:13		
8:58					1				1												60	120	90	10:28		
8:59					1																		90	10:29		
8:59						1																	90	10:29		
8:59						1																	90	10:29		
9:01					1				1														40	9:41		
9:04					1				1														60	10:04		
9:05					1				1														45	9:50		
9:08					1					1													90	10:38		
9:17	1																						90	10:47		
9:20					1				1														100	11:00		
9:22					1				1														83	10:45		
9:37					1				1														90	11:07		

14S160 - RMS Gym Study
Saturday, 29 March 2014
Body Health Fitness Oatley

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	S/MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	S/MB	Low	Mid	Avg / Exact	Time	Postcode	Notes
9:37						1																	90	11:07		
9:48					1					1													60	10:48		
9:49					1					1																
9:49						1																				
9:49					1					1																
9:49						1																				
9:52					1					1													60	10:52		
9:52					1				1																	
9:53					1					1													60	10:53		
9:53					1				1														60	10:53		
9:54					1				1														60	10:54		
9:54						1																	60	10:54		
9:56					1					1													70	11:06		
9:57					1					1													60	10:57		
9:57					1					1													60	10:57		
9:57						1																	60	10:57		
9:59					1				1														70	11:09		
10:01	1																									
10:01	1																									
10:01	1																									
10:01					1				1														60	11:01		
10:02					1					1																
10:02					1				1														60	11:02		
10:04					1					1													61	11:05		
10:25					1				1														30	10:55		
10:25						1																	30	10:55		
10:25						1																	30	10:55		
10:37	1																						45	11:22		
10:40					1					1													3	10:43		
10:40					1				1														60	11:40		
10:48	1																						90	12:18		
10:48	1																						90	12:18		
	9	0	0	0	63	18	0	0	36	22	0	0	0	0	0	0	0	0	0	0		Avg	76.39			
Sat	10%	0%	0%	0%	70%	20%	0%	0%	62%	38%																

Appendix C

Kings Cross Fitness First Survey Results

14S160 - RMS Gym Study
Tuesday, 27 May 2014
Fitness First Kings Cross

Time		People In		People Out		Total People in Gym		Person Trips		Vehicle Trips		Vehicle Accumulation	
		Cumulative	Exact	Cumulative	Exact	Total	Profile	(PT)	(PPT)	(VT)	(PVT)	Total (PPA)	Profile
5:45am	6:00am	47	47	0	0	47	20%	47		7		7	22%
6:00am	6:15am	144	97	0	0	144	60%	97		15		22	69%
6:15am	6:30am	183	39	0	0	183	76%	39		6		27	84%
6:30am	6:45am	229	46	18	18	211	88%	64	247	10	38	32	100%
6:45am	7:00am	251	22	57	39	194	81%	61	261	9	40	29	91%
7:00am	7:15am	280	29	98	41	182	76%	70	234	11	36	27	84%
7:15am	7:30am	300	20	163	65	137	57%	85	280	13	43	21	66%
7:30am	7:45am	315	15	199	36	116	48%	51	267	8	41	17	53%
7:45am	8:00am	335	20	226	27	109	45%	47	253	7	39	16	50%
9:00am	9:15am	6	6	12	12	27	11%	18		2		4	13%
9:15am	9:30am	45	39	20	8	58	24%	47		6		8	25%
9:30am	9:45am	56	11	28	8	61	25%	19		2		8	25%
9:45am	10:00am	67	11	35	7	65	27%	18	102	2	12	8	25%
10:00am	10:15am	73	6	39	4	67	28%	10	94	1	11	9	28%
10:15am	10:30am	86	13	71	32	48	20%	45	92	6	11	6	19%
10:30am	10:45am	98	12	91	20	40	17%	32	105	4	13	5	16%
10:45am	11:00am	109	11	99	8	43	18%	19	106	2	13	6	19%
5:00pm	5:15pm	31	31	12	12	67	28%	43		3		5	16%
5:15pm	5:30pm	104	73	33	21	119	50%	94		8		10	31%
5:30pm	5:45pm	179	75	56	23	171	71%	98		8		14	44%
5:45pm	6:00pm	233	54	82	26	199	83%	80	315	6	25	16	50%
6:00pm	6:15pm	277	44	115	33	210	88%	77	349	6	28	17	53%
6:15pm	6:30pm	323	46	146	31	225	94%	77	332	6	26	18	56%
6:30pm	6:45pm	395	72	203	57	240	100%	129	363	10	28	19	59%
6:45pm	7:00pm	437	42	257	54	228	95%	96	379	8	30	18	56%
7:00pm	7:15pm	469	32	292	35	225	94%	67	369	5	29	18	56%
7:15pm	7:30pm	498	29	347	55	199	83%	84	376	7	30	16	50%
7:30pm	7:45pm	536	38	428	81	156	65%	119	366	10	30	12	38%

14S160 - RMS Gym Study
Saturday, 24 May 2014
Fitness First Kings Cross

Time		People In		People Out		Total People in Gym		Person Trips		Vehicle Trips		Vehicle Accumulation	
		Cumulative	Exact	Cumulative	Exact	Total	Profile	(PT)	(PPT)	(VT)	(PVT)	Total PPA	Profile
6:45am	7:00am	13	13	0	0	13	6%	13		2		2	6%
7:00am	7:15am	28	15	1	1	27	12%	16		3		4	11%
7:15am	7:30am	40	12	2	1	38	17%	13		2		6	17%
7:30am	7:45am	66	26	6	4	60	26%	30	72	5	12	10	28%
7:45am	8:00am	114	48	11	5	103	45%	53	112	8	18	16	44%
8:00am	8:15am	143	29	23	12	120	53%	41	137	7	22	19	53%
8:15am	8:30am	189	46	43	20	146	64%	66	190	11	31	23	64%
8:30am	8:45am	209	20	60	17	149	65%	37	197	6	32	24	67%
8:45am	9:00am	239	30	71	11	168	74%	41	185	7	31	27	75%
9:00am	9:15am	296	57	97	26	199	87%	83	227	13	37	32	89%
9:15am	9:30am	336	40	142	45	194	85%	85	246	14	40	31	86%
9:30am	9:45am	371	35	182	40	189	83%	75	284	12	46	30	83%
9:45am	10:00am	391	20	194	12	197	86%	32	275	5	44	32	89%
10:00am	10:15am	428	37	219	25	209	92%	62	254	10	41	33	92%
10:15am	10:30am	489	61	261	42	228	100%	103	272	16	43	36	100%
10:30am	10:45am	530	41	314	53	216	95%	94	291	15	46	35	97%
10:45am	11:00am	555	25	335	21	220	96%	46	305	7	48	35	97%
11:00am	11:15am	575	20	364	29	211	93%	49	292	8	46	34	94%
11:15am	11:30am	592	17	401	37	191	84%	54	243	9	39	31	86%
11:30am	11:45am	614	22	469	68	145	64%	90	239	14	38	23	64%
11:45am	12:00pm	623	9	514	45	109	48%	54	247	9	40	17	47%

14S160 - RMS Gym Study

Tuesday, 27 May 2014

Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes		
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time				
5:47	1																							45	6:32	2011		
5:47					1					1	1													70	6:58	2009		
5:48	1																							60	6:49	2011		
5:49	1																							40	6:30	2011		
5:50	1																							50	6:40	2011		
5:50	1																							60	6:50	2011		
5:50	1																							60	6:50	2011		
5:50	1																							60	7:05	2011		
6:05	1																							75	7:21	2021		
6:06	1																							45	6:52	2010		
6:07	1																							60	7:10	2011		
6:10	1																							45	6:56	2011		
6:11	1																							45	6:57	2011		
6:12	1										1													90	7:43	2011		
6:13	1										1													45	6:59	2011		
6:14	1																				30	45	37.5	6:53	2011			
6:16	1																							60	7:18	2011		
6:18	1																							60	7:20	2011		
6:20	1																							60	7:22	2011		
6:22	1										1													60	7:22	2011		
6:22	1																							45	7:08	2011		
6:23					1					1														45	7:08	2013		
6:23						1																		45	7:10	2013		
6:25					1					1														60	7:25	2011		
6:25					1					1														75	7:42	2011		
6:27		1																										
6:27		1																							6:27			
6:28					1				1															45	7:13	2111		
6:30	1										1													40	7:10	2011		
6:31	1																				45	60	52.5	7:23	2010			
6:33	1																							30	7:03	2011		
6:36			1																					45	7:21	2024		
6:36					1					1														60	7:36	2027		
6:38	1										1													60	7:38	2011		
6:39	1										1													40	7:19	2011		
6:40	1																							45	7:25	2011		

14S160 - RMS Gym Study

Tuesday, 27 May 2014

Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
6:47		1																					47	7:34		
6:51	1																						60	7:51	2011	Staff
6:52					1					1	1												818	20:30	2035	Staff
6:54	1												1										20	7:14	2011	
6:54	1																						60	7:54	2010	
6:58	1																						60	7:58	2011	
7:01					1					1	1												90	8:31	2026	
7:04	1																						35	7:39	2010	
7:05	1																						45	7:50	2011	
7:06	1																						45	7:51	2021	
7:09	1																						60	8:09	2011	
7:12	1										1												60	8:12	2010	
7:13	1																						60	8:13	2011	
7:15	1																						40	7:55	2010	
6:45					1					1													33	7:18		
7:18						1																	33	7:51		
7:23	1												1										97	9:00	2011	
6:05					1					1													96	7:41	2008	
7:29	1										1												45	8:14	2010	
7:30			1																				60	8:30	2160	
7:32			1																				120	9:32	2205	
7:37	1																						60	8:37	2011	
7:38	1																						45	8:23	2011	
7:39	1																						60	8:39	2011	
7:39	1																						60	8:39	2011	
7:46	1										1										45	60	52.5	8:38	2011	
5:45	1										1												495	14:00	2011	Staff
6:00			1								1												570	15:30	2745	Staff
6:57	1																						60	7:57	2011	
	46	3	4	0	10	2	0	0	1	9	14	0	2	0	0	0	0	0	0	0			Avg	67.81		
AM	71%	5%	6%	0%	15%	3%	0%	0%	10%	90%	22%	0%	3%	0%												

14S160 - RMS Gym Study

Tuesday, 27 May 2014

Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time			
9:10				1							1												90	10:40	2011		
9:11	1																						60	10:11	2010		
9:16	1										1												60	10:16	2011		
9:19	1										1												90	10:49	2011		
9:20	1										1												60	10:20	2011		
9:21	1																						60	10:21	2010		
9:22	1																						55	10:17	2011		
9:23	1																						50	10:13	2011		
9:24	1																						60	10:24	2011		
9:27	1										1												60	10:27	2011		
9:28					1					1	1												75	10:43	2017		
9:31	1										1												90	11:01	2011		
9:37	1																						90	11:07	2010		
9:38							1			1													90	11:08	2029		
9:37																										Staff	
9:47	1																						60	10:47	2010		
9:48	1																						60	10:48	2011		
9:05					1					1	1												55	10:00	2066		
9:51							1			1													35	10:26	2016		
9:54	1																						90	11:24	2011		
9:57	1																						60	10:57	2011		
9:59	1																						30	10:29	2027		
10:01	1										1												60	11:01	2010		
8:15	1										1												585	18:00	2147	Staff	
10:11	1																						45	10:56	2010		
10:14	1										1												75	11:29	2010		
10:15					1					1													60	11:15	2032		
10:19	1										1												60	11:19	2011		
10:20	1										1												60	11:20	2021		
9:30	1										1												50	10:20	2011		
10:24	1										1												40	11:04	2011		
10:25		1																					75	11:40	2010		
10:28	1										1												60	11:28	2010		
9:30	1										1												59	10:29	2010		
10:32	1										1												15	10:47	2011		
10:32					1					1													1	10:33		Delivery	
10:34	1																						90	12:04	2011		

14S160 - RMS Gym Study
Tuesday, 27 May 2014
Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
10:34	1																						90	12:04	2011	
10:35					1					1													150	13:05	2207	
10:51	1										1												75	12:06	2010	
6:00			1								1												840	20:00	2110	Staff
10:58																							60	11:58	2010	
	30	1	1	1	5	0	2	0	0	7	20	0	0	0	0	0	0	0	0	0		Avg	65.89			
Mid	75%	3%	3%	3%	13%	0%	5%	0%	0%	100%	48%	0%	0%	0%												

14S160 - RMS Gym Study

Tuesday, 27 May 2014

Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time		
17:05				1							1												60	18:05	2023	
17:07	1																						40	17:47	2021	
17:08					1					1													90	18:38	2026	
17:09			1																				75	18:24	2027	
17:10			1								1												120	19:10	2017	
17:12	1																						150	19:42	2010	
17:12	1										1												45	17:57	2011	
17:15	1																						60	18:15	2011	
17:18	1										1												30	17:48	2010	
17:19	1																						60	18:19	2154	
17:19	1																						60	18:19	2011	
17:20	1																						120	19:20	2010	
17:21	1										1												60	18:21	2010	
17:22	1																						60	18:22	2010	
17:23			1																				90	18:53	2010	
17:25				1							1												30	17:55	2011	
17:26			1								1												60	18:26	2011	
17:27		1																					38	18:05		
17:30	1																						60	18:30	2011	
17:32	1										1												120	19:32	2010	
17:35					1					1	1												60	18:35	2027	
17:37	1										1												60	18:37	2011	
17:37	1																						70	18:47	2011	
17:41			1								1												60	18:41	2010	
17:42			1																				30	18:12	2010	
17:43	1																						60	18:43	2011	
17:44																							135	19:59	2044	
17:45																							60	18:45	2011	
17:47																							60	18:47	2011	
17:50																							75	19:05	2011	
17:51																							60	18:51	2010	
17:52																							40	18:32	2000	
17:53																							60	18:53	2010	
17:54																							60	18:54	2011	
17:55																							60	18:55	2011	
17:57																					45	50	47.5	18:44	2011	

14S160 - RMS Gym Study

Tuesday, 27 May 2014

Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time		
17:58																							45	18:43	2011	
17:59																							90	19:29	2010	
18:00																							45	18:45	2010	
18:02																							40	18:42	2011	
18:03																							40	18:43	2011	
18:03																							40	18:43	2040	
18:05																							60	19:05	2010	
18:07																							45	18:52	2011	
18:08																							45	18:53	2011	
17:58																							45	18:43	2011	
18:13																							120	20:13	2011	
18:14																							91	19:45	2021	
18:15																							45	19:00	2011	
18:16																							30	18:46	2010	
18:17																							120	20:17	2042	
18:18																							45	19:03	2011	
18:23					1					1													70	19:33	2011	
18:24	1										1												90	19:54	2010	
18:25	1																						60	19:25	2011	
18:28			1								1												40	19:08	2011	
18:29	1										1												60	19:29	2010	
18:31	1																						90	20:01	2011	
18:33	1										1												30	19:03	2011	
18:33	1										1												30	19:03	2011	
18:34	1																						60	19:34	2011	
18:41	1																						30	19:11	2011	
18:44							1																45	19:29	2010	
18:49	1																						131	21:00	2011	
18:50	1										1												60	19:50	2011	
18:51	1																						60	19:51	2011	
18:52	1										1												75	20:07	2011	
18:59	1										1												60	19:59	2011	
19:01	1																						60	20:01	2011	
19:02	1										1												40	19:42	2011	
19:03					1					1	1												45	19:48	2027	
19:01	1										1												60	20:01	2011	

14S160 - RMS Gym Study
Tuesday, 27 May 2014
Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time		
19:07	1										1												60	20:07	2011	
19:07											1													19:07		
19:11	1										1												45	19:56	2011	
18:30					1					1	1												90	20:00	2010	
18:45	1										1												90	20:15	2011	
19:17	1										1												75	20:32	2011	
19:18							1																	19:18		
19:20	1										1												60	20:20	2008	
19:21			1																				90	20:51	2016	
19:23	1																						45	20:08	2011	
19:26							1			1													30	19:56	2016	
19:27	1																						30	19:57	2011	
18:15	1										1												87	19:42	2021	
18:30	1										1												72	19:42	2010	
	40	1	8	2	5	0	3	0	0	6	31	0	0	0	0	0	0	0	0	0		Avg	63.59			
PM	68%	2%	14%	3%	8%	0%	5%	0%	0%	100%	36%	0%	0%	0%												

14S160 - RMS Gym Study
Saturday, 24 May 2014
Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
6:45	1										1												330	12:15	2010	Staff
7:04					1					1	1												86	8:30	2035	
6:57	1																						60	7:57	2011	
6:58	1										1												152	9:30	2010	
6:58	1										1												45	7:43	2011	
7:01	1																						90	8:31	2011	
7:03	1																						45	7:48	2011	
7:06		1									1												40	7:46	2017	
7:07	1																						60	8:07	2011	
7:08	1																						30	7:38	2011	
7:11	1										1												75	8:26	2010	
7:13	1																						60	8:13	2021	
7:17	1																						60	8:17	2011	
7:24					1					1													1	7:25		Delivery
7:25					1					1													60	8:25	2027	
7:00						1																	240	11:00	2010	
7:27					1					1													123	9:30	2010	
7:29	1																						120	9:29	2011	
7:31	1																						40	8:11	2011	
7:31	1																						70	8:41	2011	
7:32	1										1												90	9:02	2011	
7:33					1					1			1						1				60	8:33	2021	
7:34	1																						40	8:14	2011	
7:37	1																						30	8:07	2010	
7:37	1																						30	8:07	2021	
7:38	1																						60	8:38	2011	
7:41	1										1												180	10:41	2010	
7:43	1										1												90	9:13	2011	
7:44	1																						166	10:30	2011	

14S160 - RMS Gym Study
Saturday, 24 May 2014
Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
7:45	1										1												45	8:30	2011	
7:46	1										1												60	8:46	2010	
7:48	1																						60	8:48	2010	
7:49					1					1	1												40	8:29	2027	
7:50					1					1													120	9:50	2017	
7:50	1																						60	8:50	2011	
7:51		1									1												120	9:51	2010	
7:53	1										1												60	8:53	2010	
7:54	1										1												90	9:24	2010	
7:55	1										1												40	8:35	2027	
7:56					1					1													90	9:26	2067	
7:59	1																						60	8:59	2010	
8:01	1										1												60	9:01	2011	
8:01	1										1												60	9:01	2010	
8:02	1										1												60	9:02	2011	
8:03	1																						60	9:03	2010	
8:04	1																						40	8:44	2010	
8:05					1					1	1												60	9:05	2090	
8:07	1										1												90	9:37	2011	
8:10					1						1												60	9:10	2000	
8:12						1																	60	9:12	2033	
8:16			1																				90	9:46	2027	
8:17					1					1													60	9:17	2029	
7:28	1																						50	8:18	2011	
8:19	1																						45	9:04	2011	
8:20	1										1												45	9:05	2021	
8:22	1										1												90	9:52	2010	
8:25	1																						90	9:55	2010	
8:26	1										1												60	9:26	2011	
8:28	1										1												60	9:28	2011	
7:59	1																						30	8:29	2011	
7:45	1																						45	8:30	2011	
8:34	1											1											30	9:04	2010	
8:36	1										1												45	9:21	2011	
8:37	1																						45	9:22	2010	
8:37	1																						60	9:37	2011	
8:42					1					1													90	10:12	2010	

14S160 - RMS Gym Study
Saturday, 24 May 2014
Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
8:44	1										1												45	9:29	2011	
8:47					1					1	1												60	9:47	2031	
8:48	1																						60	9:48	2011	
8:50	1																						60	9:50	2011	
8:53	1																						60	9:53	2010	
8:54	1																						60	9:54	2011	
8:55					1					1	1												60	9:55	2027	
8:57	1										1												60	9:57	2011	
8:59	1																						60	9:59	2011	
9:02	1										1												60	10:02	2011	
9:03	1										1												45	9:48	2010	
9:06					1					1													60	10:06	2010	
9:07	1										1												90	10:37	2011	
9:08	1										1												60	10:08	2011	
9:15	1																						60	10:15	2260	
9:16	1										1												60	10:16	2011	
9:17	1										1												60	10:17	2011	
9:18	1										1												30	9:48	2011	
9:20					1					1													40	10:00	2010	
9:15				1																			465	17:00	2035	Staff
9:20					1					1	1												150	11:50	2009	
9:25					1					1													60	10:25	2031	
8:44																							45	9:29	2011	
9:31					1					1													30	10:01	2027	
9:34	1										1												60	10:34	2011	
8:33								1															61	9:34	2027	
9:37	1																						90	11:07	2021	
9:39	1																						60	10:39	2011	
9:42	1																						40	10:22	2031	
9:43	1																						60	10:43	2010	
9:45	1										1												30	10:15	2011	
9:46	1										1										60	90	75	11:01		
9:47	1																						80	11:07	2010	
9:49	1										1												60	10:49	2011	
9:49	1										1												50	10:39	2011	
9:52	1										1										45	60	52.5	10:44	2011	
9:54	1										1												45	10:39	2011	

14S160 - RMS Gym Study

Saturday, 24 May 2014

Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
9:58		1																					75	11:13	2027	
10:00	1																						30	10:30	2011	
10:01	1										1												90	11:31	2011	
10:02					1					1	1												60	11:02	2026	
10:03	1										1												75	11:18	2010	
10:05	1																						60	11:05	2010	
10:09							1			1													546	19:15	2089	Staff
10:11	1										1												60	11:11	2011	
10:12	1																						30	10:42	2010	
10:14	1																						60	11:14	2011	
10:15	1																						60	11:15	2011	
10:16	1										1												40	10:56	2011	
9:45	1										1												31	10:16	2011	
9:15	1										1												63	10:18	2011	
10:21	1										1												75	11:36	2011	
10:21	1										1												75	11:36	2011	
10:22	1										1												60	11:22	2011	
9:42	1										1												40	10:22	2010	
10:23	1										1												60	11:23	2011	
10:25					1					1	1												60	11:25	2021	
10:23	1																						60	11:23	2011	
10:26	1																						45	11:11	2011	
10:28	1																						120	12:28	2021	
10:29	1										1												45	11:14	2011	
9:30	1										1												150	12:00	2021	
10:36	1																						60	11:36	2011	
9:30	1										1												120	11:30	2001	
10:39			1								1												75	11:54	2027	
8:30	1										1												133	10:43	2011	
10:45	1																						75	12:00	2011	
10:45	1										1												40	11:25	2010	
10:48	1										1										45	60	52.5	11:40	2011	
10:49					1					1													60	11:49	2017	
10:49						1																	60	11:49	2017	
10:55	1										1												60	11:55	2011	
11:04	1																						60	12:04	2010	

14S160 - RMS Gym Study
Saturday, 24 May 2014
Fitness First Kings Cross

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
11:09	1																						40	11:49	2017	
11:13					1					1													60	12:13	2024	
11:14	1										1												60	12:14	2011	
11:21	1																						90	12:51	2021	
10:30	1										1												54	11:24	2010	
11:25	1										1												60	12:25	2010	
11:27	1										1										90	120	105	13:12	2011	
11:28	1										1												60	12:28	2011	
11:29	1																									
11:29	1										1												60	12:29	2011	
11:34	1																						60	12:34	2011	
11:35	1																						60	12:35	2011	
11:45					1					1	1												60	12:45	2011	
	116	3	2	1	24	3	1	1	0	24	74	1	1	0	0	0	0	0	1	0		Avg	66.39			
Sat	77%	2%	1%	1%	16%	2%	1%	1%	0%	100%	49%	1%	1%	0%												

Appendix D

Fitness First Platinum Willoughby Survey Results

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Weather: Light occasional shower but generally fine day

[1] Vehicles parked within the Gym car parking spaces in front of the gym or other off-street spaces within the business park

[2] Does not include on-street vehicle generation

Time		People In		People Out		People in Gym	Profile
		Cumulative	Exact	Cumulative	Exact		
5:15am	5:30am					2	
5:30am	5:45am	89	89	0	0	91	51%
5:45am	6:00am	126	37	2	2	126	70%
6:00am	6:15am	148	22	8	6	142	79%
6:15am	6:30am	160	12	20	12	142	79%
6:30am	6:45am	167	7	44	24	125	69%
6:45am	7:00am	181	14	80	36	103	57%
7:00am	7:15am	195	14	120	40	77	43%
7:15am	7:30am	207	12	148	28	61	34%
9:15am	9:30am	69	69	12	12	176	98%
9:30am	9:45am	93	24	32	20	180	100%
9:45am	10:00am	113	20	53	21	179	99%
10:00am	10:15am	126	13	79	26	166	92%
10:15am	10:30am	151	25	115	36	155	86%
10:30am	10:45am	182	31	183	68	118	66%
10:45am	11:00am	200	18	209	26	110	61%
11:00am	11:15am	212	12	243	34	88	49%
5:00pm	5:15pm	19	19	22	22	91	51%
5:15pm	5:30pm	35	16	43	21	86	48%
5:30pm	5:45pm	57	22	75	32	76	42%
5:45pm	6:00pm	93	36	87	12	100	56%
6:00pm	6:15pm	111	18	97	10	108	60%
6:15pm	6:30pm	144	33	111	14	127	71%
6:30pm	6:45pm	160	16	130	19	124	69%
6:45pm	7:00pm	181	21	162	32	113	63%
7:00pm	7:15pm	192	11	182	20	104	58%
7:15pm	7:30pm	204	12	202	20	96	53%
7:30pm	7:45pm	216	12	248	46	62	34%

Car Park In		Car Park Out		Vehicles in Car Park	Other Off-Street [1]		Total Vehicles		Person Trips		Vehicle Trips [2]		Total Off-Street Vehicles	Vehicle Accumulation	
Cumulative	Exact	Cumulative	Exact		In	Out	In	Out	(PT)	(PPT)	(VT)	(PVT)		Total	Profile
40	40	0	0	40			40	0	0		40		40	41	26%
86	46	0	0	86	2		48	0	89		48		88	90	56%
118	32	0	0	118			32	0	39		32		120	122	76%
133	15	6	6	127	2	1	17	7	28	156	24	144	130	133	83%
142	9	16	10	126		1	9	11	24	180	20	124	128	131	82%
146	4	37	21	109	1		5	21	31	122	26	102	112	114	71%
158	12	59	22	99		3	12	25	50	133	37	107	99	101	63%
164	6	88	29	76			6	29	54	159	35	118	76	78	49%
173	9	111	23	62			9	23	40	175	32	130	62	63	39%
28	28	12	12	145			28	12	81		40		145	160	100%
42	14	27	15	144	1		15	15	44		30		145	160	100%
54	12	42	15	141	1		13	15	41		28		143	157	98%
66	12	54	12	141	1	1	13	13	39	205	26	124	143	157	98%
82	16	73	19	138			16	19	61	185	35	119	140	154	96%
100	18	111	38	118	1	1	19	39	99	240	58	147	120	132	83%
109	9	125	14	113	1		10	14	44	243	24	143	116	128	80%
118	9	142	17	105			9	17	46	250	26	143	108	119	74%
14	14	13	13	84			14	13	41		27		84	87	54%
29	15	27	14	85	1		16	14	37		30		86	89	56%
45	16	51	24	77	1		17	24	54		41		79	81	51%
69	24	66	15	86	2	1	26	16	48	180	42	140	89	92	58%
89	20	73	7	99	1		21	7	28	167	28	141	103	106	66%
108	19	84	11	107	1		20	11	47	177	31	142	112	115	72%
120	12	101	17	102	1	1	13	18	35	158	31	132	107	110	69%
134	14	124	23	93		1	14	24	53	163	38	128	97	100	63%
143	9	142	18	84			9	18	31	166	27	127	88	91	57%
154	11	156	14	81		2	11	16	32	151	27	123	83	85	53%
161	7	188	32	56		1	7	33	58		40		57	59	37%

14S160 - RMS Gym Study
Saturday, 31 May 2014
Fitness First Platinum Willoughby

Weather: Fine

[1] Vehicles parked within the Gym car parking spaces in front of the gym or other off-street spaces within the business park

[2] Does not include on-street vehicle generation

Time		People In		People Out		0	Profile
		Cumulative	Exact	Cumulative	Exact	Total in Gym	
6:45am	7:00am	0	0	0	0	0	0%
7:00am	7:15am	27	27	1	1	26	18%
7:15am	7:30am	49	22	2	1	47	32%
7:30am	7:45am	83	34	7	5	76	52%
7:45am	8:00am	121	38	12	5	109	74%
8:00am	8:15am	138	17	24	12	114	78%
8:15am	8:30am	159	21	38	14	121	82%
8:30am	8:45am	182	23	60	22	122	83%
8:45am	9:00am	239	57	92	32	147	100%
9:00am	9:15am	256	17	129	37	127	86%
9:15am	9:30am	271	15	146	17	125	85%
9:30am	9:45am	287	16	182	36	105	71%
9:45am	10:00am	323	36	205	23	118	80%
10:00am	10:15am	334	11	247	42	87	59%
10:15am	10:30am	358	24	269	22	89	61%
10:30am	10:45am	376	18	283	14	93	63%
10:45am	11:00am	410	34	301	18	109	74%
11:00am	11:15am	432	22	331	30	101	69%
11:15am	11:30am	446	14	348	17	98	67%

Note: Gym was not open until almost 7:30am on this day so as such, people in the gym were counted as those waiting to enter

Car Park In		Car Park Out		Vehicles in	Other Off-Street [1]		Total Vehicles		Person Trips		Vehicle Trips [2]		Total Off-Street	Vehicle Accumulation	
Cumulative	Exact	Cumulative	Exact	Gym Car	In	Out	In	Out	(PT)	(PPT)	(VT)	(PVT)		Total	Profile
22	22	0	0	22			22	0	0		22		22	23	19%
39	17	3	3	36	1		18	3	28		21		37	38	31%
49	10	4	1	45			10	1	23		11		46	48	40%
79	30	5	1	74	3		33	1	39	90	34	88	78	81	67%
97	18	9	4	88	3		21	4	43	133	25	91	95	99	82%
107	10	13	4	94	1	1	11	5	29	134	16	86	101	105	87%
119	12	27	14	92	1		13	14	35	146	27	102	100	104	86%
136	17	39	12	97		1	17	13	45	152	30	98	104	108	89%
166	30	58	19	108	1		31	19	89	198	50	123	116	121	100%
173	7	83	25	90	2	4	9	29	54	223	38	145	96	100	83%
179	6	94	11	85			6	11	32	220	17	135	91	95	79%
190	11	108	14	82	1	1	12	15	52	227	27	132	88	92	76%
215	25	118	10	97		1	25	11	59	197	36	118	102	106	88%
222	7	147	29	75			7	29	53	196	36	116	80	83	69%
234	12	159	12	75		1	12	13	46	210	25	124	79	82	68%
248	14	165	6	83	2	2	16	8	32	190	24	121	87	90	74%
271	23	178	13	93			23	13	52	183	36	121	97	101	83%
286	15	200	22	86	1	1	16	23	52	182	39	124	90	94	78%
298	12	216	16	82	1	1	13	17	31	167	30	129	86	89	74%

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
5:32					1				1		1												45	6:17	2068	
5:33					1				1														90	7:03	2069	
5:34					1				1														30	6:04	2062	
5:34					1				1														70	6:44	2063	
5:41					1				1														75	6:56	2067	
5:41					1				1														60	6:41	2066	
5:43	1																						60	6:43	2069	
5:45					1				1														40	6:25	2069	
5:45					1				1														60	6:45	2070	
5:46					1				1														60	6:46	2068	
5:49					1				1														60	6:49	2069	
5:50					1				1														60	6:50	2068	
5:51					1				1														60	6:51	2064	
5:52					1				1														90	7:22	2063	
5:53					1				1														75	7:08	2093	
5:54					1				1														60	6:54	2154	
5:56					1				1												45	50	47.5	6:43	2076	
5:56						1															45	50	47.5	6:43	2076	
5:57					1				1														90	7:27	2087	
6:01					1				1														90	7:31	2068	
6:01	1																						60	7:01	2069	
6:03					1				1														60	7:03	2086	
6:04					1				1														60	7:04	2069	
6:05					1				1														60	7:05	2063	
6:07	1																						60	7:07	2093	
6:08					1				1														60	7:08	2067	
6:11						1																	60	7:11	2069	
6:12					1				1														60	7:12	2067	
6:14	1																		1				60	7:14	2068	
6:16					1				1														60	7:16	2071	
6:19					1				1														60	7:19	60	
6:24					1					1													45	7:09	45	
6:28					1				1		1												20	6:48	20	
6:28					1				1		1												20	6:48	20	
6:29					1				1														90	7:59	90	
6:30					1				1														60	7:30	60	
6:39					1				1		1												501	15:00	2047	Staff

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave			
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time	Postcode	Notes	
6:43					1				1														120	8:43	2112		
6:45					1				1														60	7:45	2061		
6:46					1				1														60	7:46	60		
6:50	1																						60	7:50	60		
6:00					1				1		1												840	20:00	2066	Staff	
6:56					1				1														45	7:41	2085		
6:57					1				1														60	7:57	2068		
6:58					1				1		1												90	8:28	2062		
6:59					1				1														60	7:59	2068		
7:02					1				1														30	7:32	2068		
7:03						1																	50	7:53	2071	Staff	
5:55					1				1														71	7:06	2064		
6:15					1				1														52	7:07	2070		
7:08					1				1														60	8:08	2069		
7:09					1				1														60	8:09	2062		
5:56					1				1														73	7:09	2069		
7:10					1				1														590	17:00	2053	Staff	
7:11					1				1														45	7:56	2026		
7:16					1				1														60	8:16	2070		
7:18					1				1														60	8:18	2069		
6:45					1				1														35	7:20	2069		
6:45						1																	37	7:22	2074		
5:55					1				1														87	7:22	2069		
5:40					1				1														102	7:22	2102		
7:27					1				1														50	8:17	2069		
	5	0	0	0	53	4	0	0	52	1	6	0	0	0	0	0	0	0	1	0		Avg	61.07				
	8%	0%	0%	0%	85%	6%	0%	0%	98%	2%	10%	0%	0%	0%													

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
9:18					1					1													60	10:18	2089	
9:18					1				1														90	10:48	2068	
9:19					1					1													60	10:19	2071	
9:20					1					1													90	10:50	2065	
9:21					1					1													60	10:21	2070	
9:21					1					1													120	11:21	2063	
9:22					1					1													60	10:22	2068	
9:22					1																					
9:22						1																				
9:23					1					1													90	10:53	2068	
9:23					1					1													60	10:23	2086	
9:24					1					1													180	12:24	2065	
9:25					1																		40	10:05	2069	
9:25						1																	40	10:05	2069	
9:25					1					1													65	10:30	2068	
9:27					1				1														39	10:06	2068	
9:27						1																	39	10:06	2068	
9:27						1																	39	10:06	2068	
9:29					1				1														60	10:29	2070	
9:30					1					1													180	12:30	2068	
9:34					1				1														47	10:21		
9:34						1																	47	10:21		
9:34						1																	47	10:21		
9:34						1																	47	10:21		
9:47					1				1														60	10:47	2071	
9:47						1																	60	10:47	2071	
9:48					1				1														120	11:48	2071	
9:48					1				1															9:48		
9:48						1																		9:48		
9:48						1																		9:48		
8:49					1				1															8:49		
8:49						1																		8:49		
8:49						1																		8:49		
9:50					1				1														120	11:50	2068	
9:51					1				1														60	10:51	2068	
9:51						1																	60	10:51	2068	

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
9:54					1				1														60	10:54	2069	
10:00					1				1														90	11:30	2068	
10:00						1																	90	11:30	2068	
10:08					1				1														50	10:58	2087	
10:09					1				1														75	11:24	2064	
9:11					1	2			1															9:11		
9:11					1				1														90	10:41	2071	
9:11						1																	90	10:41	2071	
10:14					1				1																	
9:15					1				1														60	10:15		
9:15						1																	60	10:15		
10:16					1				1																	
10:18					1				1														60	11:18	2068	
10:18						1																	60	11:18	2068	
10:20					1				1														60	11:20	2087	
10:22					1																			10:22	2070	
10:25					1				1														60	11:25	2069	
10:26					1	2			1																	
10:29					1				1														91	12:00	2067	
9:30					1				1														60	10:30	2071	
10:32					1				1														90	12:02	2063	
10:30					1				1														60	11:30	2090	
9:30																							62	10:32	2069	
9:50					1				1														45	10:35	2026	
10:36					1				1														80	11:56	2069	
10:37					1				1												90	120	105	12:22	2069	
10:37						1															90	120	105	12:22	2069	
10:39					1				1														30	11:09	2085	Chiro patient
10:40					1				1														30	11:10	2068	
10:41					1				1														90	12:11	2063	
10:48					1				1		1												102	12:30	2089	
10:51					1				1														120	12:51	2076	
10:51					1				1														60	11:51	2069	
10:53					1				1														120	12:53	2068	
10:54					1				1														2	10:56		Courier
9:30					1				1														85	10:55	2065	

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby



Off-street but not in the gym car parking spaces

Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
10:56					1				1														75	12:11	2063	
10:58					1				1																	
10:58						1																				
10:58						1																				
10:58						1																				
11:01					1				1														719	23:00	2062	Staff
11:04					1																		90	12:34	2070	
11:04						1																	90	12:34	2070	
11:06	1											1							1				60	12:06	2075	
11:06	1											1							1				60	12:06	2026	
10:30					1				1														40	11:10	2069	
10:20					1				1														50	11:10	2086	
	2	0	0	0	59	26	0	0	44	11	1	2	0	0	0	0	0	0	2	0		Avg	73.67			
	2%	0%	0%	0%	68%	30%	0%	0%	80%	20%	1%	2%	0%	0%												

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces

Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time		
17:05					1				1														35	17:40	2068	
17:06					1				1														120	19:06	2071	
17:08					1				1														60	18:08	2070	
17:10					1				1														90	18:40	2107	
17:12					1				1														120	19:12	2092	
17:20					1				1														90	18:50	2070	
17:21					1				1														75	18:36	2066	
17:22					1				1														60	18:22	2090	
17:23					1					1											90	120	105	19:08	2069	
17:26					1																		45	18:11	2063	
17:26						1																	45	18:11	2063	
17:26						1																	45	18:11	2063	
17:27					1				1														75	18:42	2106	
17:30					1				1														120	19:30	2065	
17:30					1				1														90	19:00	2068	
17:32				1																			88	19:00	2079	
17:34					1				1												45	60	52.5	18:26	2069	
17:35					1				1														60	18:35	2068	
17:36					1				1														90	19:06	2068	
17:37					1				1														40	18:17	2065	
17:38				1																			60	18:38	2067	
17:39					1				1														60	18:39	2069	
17:41					1				1														75	18:56	2060	
17:43							1		1														105	19:28	2087	
17:46					1				1														75	19:01	2046	
17:47					1				1														90	19:17	2062	
17:47					1				1														60	18:47	2067	
17:47					1				1														60	18:47	2063	
17:49					1				1														60	18:49	2087	
17:50					1					1													70	19:00	2068	
17:51					1				1														60	18:51	2068	
17:12					1				1														40	17:52	2093	
18:01					1				1														90	19:31	2086	
18:03					1				1														40	18:43	2068	
18:03						1																	40	18:43	2068	
18:04					1				1														60	19:04	2044	

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces


Parked in the marked spaces at the entrance of the gym


Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time		
18:05					1				1														80	19:25	2085	
18:08					1				1														60	19:08	2074	
18:09					1				1												45	60	52.5	19:01	2085	
18:10					1				1														45	18:55	2067	
18:12					1				1														60	19:12	2068	
18:14	1																		1				60	19:14	2097	
18:16					1				1														60	19:16	2067	
18:16					1				1														60	19:16	2120	
18:17					1				1														90	19:47	2063	
18:17					1				1														45	19:02	2063	
18:21					1				1														90	19:51	2063	
18:22					1				1														105	20:07	2067	
18:25					1				1														45	19:10	2063	
18:26					1				1														60	19:26	2067	
18:28					1				1														150	20:58	2067	
18:29					1				1														120	20:29	2071	
18:30					1				1														50	19:20	2063	
18:31					1				1														60	19:31	2065	
17:40					1				1														58	18:38	2205	
18:38					1				1														60	19:38	2066	
18:40					1				1														90	20:10	2065	
18:41					1				1														60	19:41	2071	
18:41					1				1														30	19:11	2121	
17:25					1				1														77	18:42	2064	
18:44					1				1														60	19:44	2060	
18:46					1				1															18:46		
18:50					1				1														120	20:50	2170	
18:52					1				1														45	19:37	2068	
18:52						1																	45	19:37	2068	
18:52						1																	45	19:37	2068	
18:54					1				1														40	19:34	2067	
18:54					1				1														60	19:54	2099	
18:58					1				1														45	19:43	2087	
18:00					1				1														58	18:58	2065	
17:30					1				1														91	19:01	2021	
19:03					1				1														60	20:03	2087	

14S160 - RMS Gym Study

Monday, 2 June 2014

Fitness First Platinum Willoughby

 Off-street but not in the gym car parking spaces

 Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time	Postcode	Notes
19:05					1				1														120	21:05	2068	
19:05						1																	120	21:05	2068	
19:05						1																	120	21:05	2068	
19:06					1				1														45	19:51	2071	
19:07					1				1														90	20:37	2087	
19:11					1				1														60	20:11	2068	
19:12					1				1														60	20:12	2073	
17:50					1				1														89	19:19	2065	
19:19					1				1														120	21:19	2068	
19:19						1																	120	21:19	2068	
19:21					1				1														60	20:21	2065	
19:22					1				1														90	20:52	2068	
19:23					1				1														60	20:23	2068	
19:23						1																	60	20:23	2068	
18:30					1				1														58	19:28	2069	
18:30					1																		60	19:30	2069	
18:30						1																	60	19:30	2069	
19:31					1				1														45	20:16	2068	
18:25					1				1														66	19:31	2069	
19:42	1																						60	20:42	2068	
	2	0	0	2	77	10	1	0	74	2	0	0	0	0	0	0	0	0	1	0		Avg	70.88			
	2%	0%	0%	2%	84%	11%	1%	0%	97%	3%	0%	0%	0%	0%												

14S160 - RMS Gym Study

Saturday, 31 May 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
6:47					1				1		1												60	7:47	2087	
6:47					1				1														613	17:00	2101	Staff
6:51					1				1																	
6:55					1				1														90	8:25	2068	
6:55					1				1														60	7:55	2093	
7:01					1				1														90	8:31	2081	
7:07	1																						90	8:37	2068	
7:15	1																						10	7:25	2067	
7:24					1				1														45	8:09	2068	
7:24					1				1														60	8:24	2089	
7:26					1				1														70	8:36	2068	
7:26						1																	70	8:36	2068	
7:27					1				1														75	8:42	2075	
7:27						1																	75	8:42	2075	
7:27					1				1														60	8:27	2090	
7:28					1				1														272	12:00	2117	
7:29					1				1														60	8:29	2065	
7:29						1																	60	8:29	2068	
7:32							1																94	9:06	2064	
7:33					1				1														60	8:33	2064	
7:34					1				1														60	8:34	2101	
7:34					1				1														60	8:34	2086	
7:35					1				1														60	8:35	2087	
7:35					1				1														60	8:35	2100	
6:55					1				1														395	13:30	2073	Staff
7:37					1				1														233	11:30	2086	Staff
7:38					1				1														60	8:38	2099	
7:40					1				1														60	8:40	2068	
7:40					1				1														60	8:40	2069	
7:40						1																	60	8:40	2069	
7:42					1				1														60	8:42	2069	
7:44					1				1														60	8:44	2075	
7:45						1																	90	9:15	2063	
7:46					1				1														75	9:01	2069	
7:46					1				1														75	9:01	2069	
7:47					1				1														283	12:30	2087	Staff

14S160 - RMS Gym Study

Saturday, 31 May 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
7:48					1				1														120	9:48	2071	Staff
7:48					1				1														192	11:00	2087	Staff
7:51		1																					180	10:51	2069	Staff
7:51					1				1																	
7:51					1				1																	
7:20					1				1														33	7:53	2065	
7:55					1				1														60	8:55	2068	
7:56					1				1														60	8:56	2065	
7:57					1				1														60	8:57	2063	
7:57						1																	60	8:57	2063	
7:57					1																		90	9:27	2085	
7:57						1			1														90	9:27	2085	
7:57					1																		60	8:57	2087	
7:58					1																		45	8:43	2087	
7:58						1																	45	8:43	2087	
7:58						1																	45	8:43	2087	
8:01					1				1																	
8:01						1																				
8:01						1																				
8:02					1				1														60	9:02	2085	
8:06					1				1														60	9:06	2067	
8:06					1																		40	8:46	2068	
8:06						1																	40	8:46	2068	
8:06						1																	40	8:46	2068	
8:09					1					1													60	9:09	2063	
8:09					1				1														60	9:09	2074	
8:12					1				1														120	10:12	2064	
8:14						1																	300	13:14	2070	Staff
8:16					1				1														90	9:46	2087	
8:20					1				1												45	60	52.5	9:12	2086	
8:21					1																		60	9:21	2068	
8:21						1																	60	9:21	2068	
8:23					1																		45	9:08	2069	
8:23						1																	45	9:08	2069	
8:29					1																		60	9:29	2065	
8:29						1																	60	9:29	2065	

14S160 - RMS Gym Study

Saturday, 31 May 2014

Fitness First Platinum Willoughby



Off-street but not in the gym car parking spaces

Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time			
8:29						1																	60	9:29	2065		
8:29						1																	60	9:29	2065		
8:29						1																	60	9:29	2065		
8:29					1				1														60	9:29	2068		
8:31					1				1														120	10:31	2069		
8:31					1				1														40	9:11	2068		
8:31						1																	40	9:11	2068		
8:32					1				1		1												448	16:00	2063	Staff	
8:34					1				1														45	9:19	2063		
8:38					1				1														60	9:38	2086		
8:38					1				1														90	10:08	2087		
8:39					1																						
8:39						1																					
8:39					1				1														60	9:39	2068		
8:39					1				1														111	10:30	2046		
7:55					1				1														45	8:40	2069		
8:41						1																	60	9:41	2067		
8:41					1					1													90	10:11	2087		
8:42					1				1														60	9:42	2067		
8:42						1																	60	9:42	2067		
8:43					1				1														90	10:13	2070		
8:45					1				1														60	9:45	2068		
8:45					1				1														90	10:15	2088		
8:46					1				1														60	9:46	2069		
8:40					1																		7	8:47	2065		
8:40						1																	7	8:47	2065		
8:46					1				1														60	9:46	2068		
8:48					1																		90	10:18	2067		
8:49					1																		71	10:00	2069		
8:50					1																		45	9:35	2068		
8:51					1																		60	9:51	2069		
8:53					1																		60	9:53	2063		
8:53					1					1																	
8:53						1																					
8:53						1																					

14S160 - RMS Gym Study

Saturday, 31 May 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
8:53						1																				
8:59						1																	60	9:59	2069	
7:45					1				1														74	8:59	2068	
9:03					1				1		1												180	12:03	2061	
8:00					1																		64	9:04		
8:00						1																	64	9:04		
8:00						1																	64	9:04		
9:09					1				1														50	9:59	2069	
9:09						1																	50	9:59	2069	
9:11					1				1		1												15	9:26	2101	Chiro Staff
9:11						1																	300	14:11	2101	Chiro Staff
9:12					1					1													60	10:12	2068	
9:16					1				1														60	10:16	2069	
9:25					1				1														60	10:25	2068	
9:25						1																	60	10:25	2068	
9:25						1																	60	10:25	2068	
9:27					1				1														90	10:57	2075	
9:32					1				1														90	11:02	2069	
9:32					1				1														60	10:32	2101	
9:34						1																				
9:36					1				1														30	10:06	2069	
9:37					1																					
9:37						1																				
9:37						1																				
9:37	1																						30	10:07	2068	
9:37	1																						30	10:07	2068	
9:40					1				1														39	10:19		Tan pants
9:40						1																	39	10:19		2 kids
9:40						1																	39	10:19		2 kids
9:42					1				1														60	10:42	2069	
9:43					1				1														65	10:48	2066	
9:44					1				1		1												120	11:44	2090	
9:47					1				1														60	10:47	2087	
9:49					1				1														120	11:49	2042	
9:50					1				1														70	11:00	2071	
9:50					1				1														60	10:50	2070	

14S160 - RMS Gym Study

Saturday, 31 May 2014

Fitness First Platinum Willoughby

Off-street but not in the gym car parking spaces
Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
9:50					1				1														60	10:50	2067	
9:52					1				1														65	10:57	2089	
9:53					1				1		1												60	10:53	2068	
9:53						1					1												60	10:53	2068	
9:54	1																						90	11:24	2068	
9:56					1				1														60	10:56	2068	
10:01					1				1														45	10:46	2069	
9:00					1				1														63	10:03	2069	
10:05					1				1														45	10:50	2068	
8:45					1				1														86	10:11	2063	
10:14					1				1														120	12:14	2097	
8:30					1				1														105	10:15	2068	
8:45					1				1														91	10:16	2069	
10:17					1				1														90	11:47	2087	
9:30					1				1														48	10:18	2021	
9:30						1																	48	10:18	2021	
10:21					1				1														60	11:21	2096	Chiro patients
10:21						1																	60	11:21	2096	Chiro patients
10:22	1																						90	11:52	2068	
10:24					1				1		1												90	11:54	2071	
10:25					1				1														120	12:25	2075	
10:28					1				1														105	12:13	2060	
10:29	1																				45	60	52.5	11:21	2068	
10:32					1				1														90	12:02	2071	
10:34					1				1														120	12:34	2071	
10:38						1																	87	12:05	2069	
10:37						1																	60	11:37	2069	
10:37						1																	60	11:37	2069	
10:41					1				1														45	11:26	2068	
10:41						1																	45	11:26	2068	
10:43					1				1														60	11:43	2065	
10:48					1				1														60	11:48	2087	
10:48						1																	60	11:48	2087	
10:48					1				1														65	11:53	2069	
10:49					1				1														90	12:19	2089	
10:51	1																						65	11:56	2068	

14S160 - RMS Gym Study

Saturday, 31 May 2014

Fitness First Platinum Willoughby



Off-street but not in the gym car parking spaces

Parked in the marked spaces at the entrance of the gym

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
10:51					1																		60	11:51	2070	
10:51						1																	60	11:51	2070	
10:55						1																	60	11:55	2087	
10:55					1				1														80	12:15	2087	
10:56					1				1														60	11:56	2065	
10:56					1				1														90	12:26	2075	
11:00					1				1		1												60	12:00		
9:55					1				1		1												67	11:02	2070	
9:55					1				1		1												67	11:02	2069	
11:03						1																				
11:04					1																					
11:05					1				1		1												60	12:05	2069	
11:07					1				1														60	12:07	2087	
11:10					1				1														45	11:55	2068	
11:10						1																	45	11:55	2068	
11:16					1				1														40	11:56	2068	
11:16						1																	40	11:56	2068	
11:21					1				1														45	12:06	2087	
11:23					1				1														60	12:23	2067	
11:24					1				1														60	12:24	2087	
11:25					1				1														35	12:00	2069	
11:25					1				1														55	12:20	2063	
11:25						1																	55	12:20	2063	
10:00					1				1														86	11:26	2069	
11:28					1				1														20	11:48	2060	
	8	1	0	0	140	55	1	0	119	4	12	0	0	0	0	0	0	0	0	0		Avg	65.4920635			
Sat	4%	0%	0%	0%	68%	27%	0%	0%	97%	3%	6%	0%	0%	0%												

Appendix E

YMCA Morris Iemma Indoor Sports Centre Survey Results

14S160 - RMS Gym Study
Monday, 23 June 2014
YMCA Morris lemma Indoor Sports Centre

Weather: Fine, Cool

Time		People In				People Out				Total People			
		Cumulative	Exact	Cumulative	Exact	Cumulative	Exact			Gym Floor	Profile	Building	Profile
5:45am	6:00am	2	2	0	0	0	0	0	0	2	5%	5	6%
6:00am	6:15am	17	15	8	8	5	5	0	0	12	27%	13	15%
6:15am	6:30am	27	10	14	6	9	4	0	0	18	41%	19	22%
6:30am	6:45am	27	0	14	0	12	3	2	2	15	34%	17	20%
6:45am	7:00am	29	2	17	3	16	4	5	3	13	30%	17	20%
7:00am	7:15am	30	1	18	1	26	10	12	7	4	9%	11	13%
7:15am	7:30am	34	4	21	3	29	3	16	4	5	11%	10	11%
7:30am	7:45am	37	3	21	0	32	3	18	2	5	11%	8	9%
										5	11%	11	13%
8:15am	8:30am	16	16	15	15	5	5	1	1	16	36%	25	29%
8:30am	8:45am	17	1	20	5	7	2	8	7	15	34%	23	26%
8:45am	9:00am	21	4	27	7	11	4	9	1	15	34%	29	33%
9:00am	9:15am	33	12	43	16	14	3	10	1	24	55%	44	51%
9:15am	9:30am	50	17	65	22	27	13	13	3	28	64%	63	72%
9:30am	9:45am	66	16	89	24	38	11	25	12	33	75%	75	86%
9:45am	10:00am	73	7	91	2	45	7	31	6	33	75%	71	82%
10:00am	10:15am	87	14	103	12	56	11	39	8	36	82%	75	86%
10:15am	10:30am	101	14	115	12	71	15	48	9	35	80%	78	90%
10:30am	10:45am	111	10	129	14	97	26	79	31	19	43%	61	70%
10:45am	11:00am	115	4	137	8	103	6	90	11	17	39%	58	67%
										27		77	89%
5:00pm	5:15pm	8	8	5	5	18	18	15	15	17	39%	67	77%
5:15pm	5:30pm	31	23	34	29	30	12	39	24	28	64%	72	83%
5:30pm	5:45pm	47	16	42	8	44	14	46	7	30	68%	73	84%
5:45pm	6:00pm	65	18	56	14	63	19	60	14	29	66%	73	84%
6:00pm	6:15pm	81	16	73	17	78	15	80	20	30	68%	70	80%
6:15pm	6:30pm	109	28	89	16	109	31	95	15	27	61%	71	82%
6:30pm	6:45pm	131	22	105	16	130	21	115	20	28	64%	67	77%
6:45pm	7:00pm	148	17	121	16	140	10	131	16	35	80%	67	77%
7:00pm	7:15pm	167	19	138	17	155	15	142	11	39	89%	73	84%
7:15pm	7:30pm	202	35	152	14	185	30	147	5	44	100%	82	94%
7:30pm	7:45pm	216	14	176	24	215	30	166	19	28	64%	87	100%

Car Park In		Car Park Out		Person Trips		Vehicle Trips		Vehicles in Car
Cumulative	Exact	Cumulative	Exact	(PT)	(PPT)	(VT)	(PVT)	Park
3	3	0	0	2		3		4
10	7	0	0	20		7		11
15	5	0	0	14		5		16
16	1	1	1	3	39	2	17	16
17	1	3	2	6	43	3	17	15
18	1	10	7	11	34	8	18	9
20	2	13	3	7	27	5	18	8
20	0	14	1	6	30	1	17	7
25	5	16	2			7		10
29	4	17	1			5		13
38	9	19	2	21		11		20
40	2	21	2	3		4		20
45	5	23	2	8		7		23
58	13	24	1	15	47	14	36	35
75	17	26	2	30	56	19	44	50
88	13	36	10	27	80	23	63	53
89	1	41	5	14	86	6	62	49
95	6	45	4	25	96	10	58	51
105	10	47	2	29	95	12	51	59
109	4	65	18	36	104	22	50	45
111	2	73	8	10	100	10	54	39
						0		
7	7	7	7	26		14		40
27	20	21	14	35		34		46
36	9	32	11	30		20		44
50	14	41	9	37	128	23	91	49
64	14	53	12	31	133	26	103	51
78	14	60	7	59	157	21	90	58
91	13	79	19	43	170	32	102	52
101	10	88	9	27	160	19	98	53
111	10	97	9	34	163	19	91	54
122	11	100	3	65	169	14	84	62
134	12	110	10	44	170	22	74	64

14S160 - RMS Gym Study
Saturday, 21 June 2014
YMCA Morris Iemma Indoor Sports Centre

Weather: Fine, Cool

Time		People In				People Out				Total People			
		Cumulative	Exact	Cumulative	Exact	Cumulative	Exact	Cumulative	Exact	Gym Floor	Profile	Building	Profile
7:45am	8:00am	0	0	0	0	0	0	0	0	4	10%	5	10%
8:00am	8:15am	2	2	3	3	1	1	0	0	5	13%	8	13%
8:15am	8:30am	24	24	19	19	8	8	0	0	21	53%	27	53%
8:30am	8:45am	32	8	21	2	13	5	2	2	24	60%	27	60%
8:45am	9:00am	48	16	32	11	25	12	4	2	28	70%	36	70%
9:00am	9:15am	65	17	55	23	30	5	5	1	40	100%	58	100%
9:15am	9:30am	84	19	59	4	50	20	8	3	39	98%	59	98%
9:30am	9:45am	98	14	64	5	77	27	26	18	26	65%	46	65%
9:45am	10:00am	103	5	66	2	84	7	30	4	24	60%	44	60%
10:00am	10:15am	110	7	73	7	93	9	36	6	22	55%	45	55%
10:15am	10:30am	129	19	83	10	112	19	42	6	22	55%	49	55%
10:30am	10:45am	138	9	89	6	118	6	51	9	25	63%	46	63%
10:45am	11:00am	146	8	91	2	126	8	55	4	25	63%	44	63%
11:00am	11:15am	154	8	97	6	130	4	63	8	29	73%	42	73%
11:15am	11:30am	156	2	100	3	146	16	75	12	15	38%	33	38%
11:30am	11:45am	160	4	103	3	153	7	94	19	12	30%	17	30%

Car Park In		Car Park Out		Person Trips		Vehicle Trips		Vehicles in Car
Cumulative	Exact	Cumulative	Exact	(PT)	(PPT)	(VT)	(PVT)	Park
1	1	0	0	0		1		4
7	6	1	1	3		7		9
21	14	2	2	32		16		21
23	2	2	0	13	48	2	26	23
35	12	4	2	28	76	14	39	33
47	12	5	1	22	95	13	45	44
49	2	7	2	39	102	4	33	44
52	3	20	13	41	130	16	47	34
57	5	26	6	12	114	11	44	33
62	5	29	3	16	108	8	39	35
73	11	39	10	38	107	21	56	36
78	5	46	7	15	81	12	52	34
81	3	51	5	16	85	8	49	32
87	6	53	2	12	81	8	49	36
95	8	66	13	18	61	21	49	31
102	7	87	21	11	57	28	65	17

14S160 - RMS Gym Study

Monday, 23 June 2014

YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
6:02					1				1														60	7:02	2223	
6:03					1				1														82	7:25	2213	
6:04					1				1														45	6:49	2196	
6:06					1				1														40	6:46	2210	
6:06						1																	40	6:46	2210	
6:07					1				1														30	6:37	2210	
6:09					1				1														55	7:04	2210	
6:10					1				1																	Staff
6:17					1				1														42	6:59		
6:17						1																	42	6:59		
6:19					1				1														47	7:06		
6:19					1				1														67	7:26	2230	
6:20					1				1														45	7:05	2061	
6:26					1				1														34	7:00	2210	
6:45					1				1														46	7:31		
6:47					1				1														56	7:43		
6:50			1																				430	14:00		Staff
7:11					1				1														80	8:31	2210	
7:19					1				1														45	8:04	2208	
7:19					1				1														45	8:04	2210	
	0	0	1	0	17	2	0	0	17	0	0	0	0	0	0	0	0	0	0	0			50.06			
AM	0%	0%	5%	0%	85%	10%	0%	0%	100%	0%	0%	0%	0%	0%												

14S160 - RMS Gym Study
Monday, 23 June 2014
YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time		
8:22					1				1																2220	Staff
8:24	1																						60	9:24	2210	
8:26						1																	60	9:26	2210	
8:26					1				1														60	9:26	2210	
8:27						1																	60	9:27	2209	
8:28					1				1														60	9:28	2209	
					1				1															8:53		
					1				1															8:53		
8:56					1				1																	Staff
8:57					1				1														55	9:52	2199	
8:57						1																	55	9:52	2199	
8:57					1				1																	Staff
8:59				1																			60	9:59	2211	
9:05					1				1														60	10:05	2210	
9:05						1																	60	10:05	2210	
9:00	1																						79	10:19	2010	
9:03					1				1												90	120	105	10:48		
9:06					1				1														54	10:00	2210	
9:06						1																	54	10:00	2210	
9:06						1																	54	10:00	2210	
9:10					1				1														60	10:10	2210	
9:11					1				1														107	10:58	2210	
9:12					1				1														60	10:12	2222	
9:12						1																	468	17:00	2200	Staff
9:13					1				1														60	10:13	2210	
9:13						1																	60	10:13	2210	
9:14					1				1														60	10:14	2196	
9:14					1				1														60	10:14	2200	
9:17					1				1														60	10:17	2210	
9:17					1				1														60	10:17	2210	
9:18					1				1														90	10:48	2209	
9:18						1																	90	10:48	2209	
9:18						1																	90	10:48	2209	
9:19					1				1														60	10:19	2210	
9:21					1				1																	Staff
9:24					1				1																	

14S160 - RMS Gym Study
Monday, 23 June 2014
YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes	
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time			
9:24						1																					
9:25					1				1															45	10:10	2210	
9:25					1				1																		
9:25						1																					
9:25						1																					
9:26					1				1															70	10:36	2210	
9:28					1				1													60	90	75	10:43	2208	
9:32	1																							60	10:32	2210	
9:33					1				1															90	11:03	2210	
9:34					1				1															60	10:34	2210	
10:34						1																		60	11:34	2210	
11:34						1																		60	12:34	2210	
9:34					1				1															60	10:34	2196	
10:34						1																		60	11:34	2196	
9:35					1				1															45	10:20	2196	
9:37					1				1															75	10:52	2191	
9:37					1				1															60	10:37	2213	
9:42					1				1															60	10:42	2035	
9:42						1																		60	10:42	2035	
9:42					1				1															90	11:12	2210	
9:42						1																		90	11:12	2210	
9:43					1				1															60	10:43	2196	
9:43						1																		60	10:43	2196	
9:46					1				1															120	11:46	2210	
10:00					1				1															90	11:30	2210	
10:05					1				1																		
10:05						1																					
10:06						1																		90	11:36	2196	
10:14					1				1															60	11:14	2210	
10:14						1																		60	11:14	2210	
10:18					1				1															60	11:18	2196	
10:19					1				1																		
10:19						1																					
10:21					1				1															60	11:21	2210	
10:21						1																		60	11:21	2210	
10:26					1				1															60	11:26	2209	
10:34					1																						

14S160 - RMS Gym Study
Monday, 23 June 2014
YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)				Leave	Postcode	Notes
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	Mid	Avg / Exact	Time			
10:34						1																					
10:34						1																					
10:36					1																		60	11:36			
10:36						1																	60	11:36			
10:36						1																	60	11:36			
10:37	1																				45	60	52.5	11:29	2196		
10:41					1																		60	11:41	2210		
10:41					1																		2	10:43	2210		
10:42					1																						
10:42						1																					
10:42						1																					
10:45					1																		90	12:15	2223		
10:48					1																						
10:48						1																					
10:48						1																					
10:51	1																						90	12:21	2210		
10:53					1																		60	11:53	2210		
10:53						1																	60	11:53	2210		
	5	0	0	1	52	35	0	0	44	0	0	0	0	0	0	0	0	0	0	0			65.95				
Mid	5%	0%	0%	1%	56%	38%	0%	0%	100%	0%	0%	0%	0%	0%													

14S160 - RMS Gym Study
Monday, 23 June 2014
YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave		
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time	Postcode	Notes
					1	2			1															17:06		
17:11					1				1																	
17:11						1																				
17:11						1																				
					1	2			1															17:13		
					2				2															17:14		
					1	2			1															17:16		
17:17					1				1														60	18:17	2220	
17:17						1																	60	18:17	2220	
17:17					1	2																				
17:18					1				1														60	18:18	2222	
17:19					1				1														60	18:19	2117	
17:19					1				1														60	18:19	2234	
17:19					1				1														60	18:19	2211	
17:20					1				1																	
17:21					1				1														60	18:21	2220	
					1	1			1															17:22		
					1	2			1															17:23		
17:24					1				1												60	90	75	18:39	2209	
17:24					1	1			1																	
17:25					1				1														60	18:25	2220	
17:26					1				1														120	19:26	2210	
17:27					1				1														60	18:27	2196	
					1	4			1															17:29		
17:30					1				1														60	18:30	2194	
17:32					1				1														21	17:53		
17:32						1																	21	17:53		
17:32						1																	21	17:53		
17:34					1	2			1																	
17:34						1			1														60	18:34	2196	Soccer
17:35						2			1														60	18:35	2210	Soccer
						1			1															17:36		
17:38					1				1															17:38		
17:44						1			1														60	18:44	2210	
17:50					1				1														60	18:50	2196	
17:50					1				1															17:50		

14S160 - RMS Gym Study

Monday, 23 June 2014

YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time		
17:50					1				1														120	19:50	2223	
17:52	1																						60	18:52	2210	
17:52	1																						60	18:52	2210	
						2			1															17:53		
					1	2			1															17:53		
17:55					1				1														45	18:40	2208	
17:58	1																						60	18:58	2210	
17:58					1				1														60	18:58	2209	
17:58						1																	60	18:58	2209	
17:58						1																	60	18:58	2209	
17:59					1				1														60	18:59	2196	
18:01					1				1														2	18:03		
18:01						1																	2	18:03		
18:03					1				1														40	18:43		
18:03						1																	40	18:43		
					1	2			1															18:03		
18:07					1				1														45	18:52	2210	
18:08					1				1												60	90	75	19:23	2210	
18:10					1				1														60	19:10	2210	
18:10						1																	60	19:10	2210	
18:10	1																				60	90	75	19:25	2210	
18:11					1				1														60	19:11	2211	
18:12					1				1														34	18:46	2209	
18:13					1				1														90	19:43	2209	
					1	3			1															18:13		
18:14					1				1														60	19:14	2200	
18:16					1				1														60	19:16	2010	
18:16					1				1														76	19:32		
18:17					1				1														60	19:17	2200	
18:19					1				1														46	19:05	2196	
18:21					1	1			1																	
18:21					1				1														4	18:25	2195	
18:23					1				1														90	19:53	2196	
18:31						1			1														90	20:01	2210	
18:38					1	1			1																	
18:39					1				1														90	20:09	2221	

14S160 - RMS Gym Study
Monday, 23 June 2014
YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes	
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Low	High	Avg / Exact	Time			
18:42					1	1			1																		
18:46					1				1														120	20:46	2207		
18:50					1				1													60	90	75	20:05	2209	
18:53						1			1																		
18:55					1	1			1																		
18:57					1				1														108	20:45	2210		
18:59					1				1														90	20:29	2209		
18:59					1				1														60	19:59	2196		
19:03					1				1														60	20:03	2209		
19:05					1				1														60	20:05	2210		
19:05						1																	60	20:05	2210		
19:09					1				1														90	20:39	2210		
19:09					1				1														70	20:19	2210		
19:09						1																	70	20:19	2210		
19:10					1				1													60	90	75	20:25	2223	
19:10						1																60	90	75	20:25	2223	
19:14					1	1			1													90	120	105	20:59	2210	
19:17					1	3			1																		
19:17					1				1														45	20:02	2199		
19:23					1				1														60	20:23	2196		
19:25	1																						60	20:25	2196		
19:31					1				1																		
19:32					1	3			1																		
19:33					1				1																		
	5	0	0	0	72	58	0	0	78	0	0	0	0	0	0	0	0	0	0	0			62.50				
PM	4%	0%	0%	0%	53%	43%	0%	0%	100%	0%	0%	0%	0%	0%													

14S160 - RMS Gym Study

Saturday, 21 June 2014

YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes	
Time	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time			
8:05					1				1														90	9:35	2210		
8:14					1				1														81	9:35	2234		
8:14					1				1														86	9:40			
8:15					1				1														120	10:15	2207		
8:16					1				1														60	9:16	2210		
8:17					1				1														60	9:17	2210		
8:19	1																						90	9:49	2196		
8:19					1				1														40	8:59	2208		
8:20					1				1														60	9:20	2210		
8:23					1				1														90	9:53	2196		
8:24					1				1														60	9:24	2210		
8:30					1				1														60	9:30	2196		
8:31					1				1														120	10:31	2209		
8:47					1				1														120	10:47	2209		
8:48	1																						60	9:48	2209		
8:52					1				1														120	10:52	2190		
8:54					1				1														126	11:00	2210	Hockey	
8:59					1				1														120	10:59	2016	Hockey	
9:01					1				1														60	10:01	2210		
9:03					1				1														45	9:48	2144		
9:04					1				1														120	11:04	2223		
9:07					1				1														120	11:07	2211		
9:07						1																	120	11:07	2211		
9:07						1																	120	11:07	2211		
9:08					1				1														60	10:08	2209		
9:19					1				1														120	11:19	2209		
9:24					1				1																2209		
9:25					1				1														60	10:25	2209		
9:31					1				1														55	10:26	2210		
					1				1																		
						1																					
9:34					1				1													30	45	37.5	10:11	2192	
9:34						1																30	45	37.5	10:11	2192	
9:00					1				1															42	9:42	2210	
9:00						1																	42	9:42	2210		
9:55					1				1													60	90	75	11:10	2196	

14S160 - RMS Gym Study

Saturday, 21 June 2014

YMCA MIISC Riverwood

Arrive	How did you travel to the Gym today?								If car, where did you park		Visting any other uses around the gym today? (before-after)				Mode of travel to Centre today?						Time Spent at Gym (mins)			Leave	Postcode	Notes
	Walk	Bike	Train	Bus	Car	Pass	MB	Taxi	OSCP	Street	Retail	Office	Comm	Oth-B	Walk	Bike	Train	Bus	Car	Oth-C	Min	Max	Avg / Exact	Time		
10:04					1				1												30	40	35	10:39	2210	
10:10					1				1												60	75	67.5	11:17	2210	
10:13						1																	120	12:13	2209	
10:14					1				1														73	11:27		
10:15	1																						72	11:27		
8:20					1				1														119	10:19	2210	
10:22					1				1														5	10:27	2210	
10:22						1																	5	10:27	2210	
10:22					1				1														65	11:27	2196	
10:23					1				1														68	11:31		Staff
10:23	1																						66	11:29	2210	
10:24					1				1														39	11:03		
10:26					1				1														60	11:26	2210	
10:28					1				1														60	11:28	2210	
10:29						1																		10:29		
10:31					1				1														150	13:01	2209	
10:33					1				1														67	11:40	2210	
10:41					1				1																	
10:41					1				1														60	11:41	2212	
10:41						1																	60	11:41	2212	
10:50					1				1														40	11:30	2210	
10:57					1				1															10:57		
10:57					1				1														60	11:57	2210	
10:58					1				1														29	11:27	2200	
10:00					1				1														67	11:07	2223	
11:12					1				1														90	12:42	2223	
11:13					1				1																	
11:13						1																				
11:22					1				1														30	11:52	2209	
11:27					1				1														75	12:42	2116	
11:29					1				1												90	120	105	13:14	2210	
11:40					1				1														30	12:10	2196	
	4	0	0	0	54	10	0	0	54	0	0	0	0	0	0	0	0	0	0	0		Avg	73.33			
Sat	6%	0%	0%	0%	79%	15%	0%	0%	100%	0%	0%	0%	0%	0%												

people**trans**

