TEF CONSULTING
TRAFFIC, ENVIRONMENTAL & FORENSIC ENGINEERS

in association with

GENNAOUI CONSULTING PTY LTD

Address PO Box 215, Bondi NSW 2026
Phone 02) 9332 2024 / (02) 9523 9212
Fax (02) 9332 2022
Mobile 0414 978 067 / 0414 554 523
e-mail o.s@tefconsult.com.au / s.s@tefconsult.com.au
www http://www.tefconsult.com.au

RTA

ROADS AND TRAFFIC AUTHORITY

TRIP GENERATION SURVEYS

LOW DENSITY RESIDENTIAL DWELLINGS

DATA REPORT

in association with

GENNAOUI CONSULTING PTY LTD

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1 INTRODUCTION

1.1 Study purpose

The RTA published its Guide to Traffic Generating Developments ("Guide") in the mid-1990s. This document drew on the results of a number of trip generation and parking demand surveys covering a range of land uses. These surveys had been progressively conducted since 1979. Since the original publication of the Guide, there have been numerous changes to single dwelling residential subdivisions including lot sizes and major development in areas not adequately served by public transport. Residences circumstances have changed as well, with improved access to private vehicles and higher disposable incomes.

TEF Consulting in association with Gennaoui Consulting (the consultants) were appointed to undertake a detailed trip generation analysis of low density (single dwellings) residential land use. The study includes surveys of traffic characteristics relating to vehicle and person trips.

1.2 Data collection

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

Trip generation from the survey areas was collected using manual classification counts. Vehicle occupancies were also determined by manual counts of persons inside the vehicles. Survey stations were located at each access point to the survey area (refer to the maps of the survey areas). All trip generation and vehicle occupancy counts were carried out simultaneously in each survey area.

In those survey areas where there were land uses other than low density residential dwellings, external trip generation (not generated by the survey area residents) from these land uses was determined and extracted from the total count at the access points. Trip generation rates from child care centres and two of the four schools, were obtained separately for internal and external trips by means of a questionnaire survey completed by their directors/principals. Two schools did not participate in the questionnaire survey. Their trip generation was estimated based on additional manual counts of children and staff during the periods of staff/children arrival and departure, including the before and after school care facilities. External trips generated by local shopping centres were estimated based on the results of a questionnaire survey of staff and customers.

2 SURVEY AREA DETAILS

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

It was necessary to ensure that the survey areas selected represented the whole of the state. The selected survey areas had to show a geographic spread and range of sizes. To achieve this spread, six survey areas were selected in the Sydney Metropolitan Area and five survey areas in regional centres.

Table 2.1 Survey areas.

Survey area ID	Name
LDR1	Beaumont Hills
LDR2	Longueville
LDR3	North Epping
LDR4	Werrington Downs
LDR5	West Hoxton
LDR6	Westleigh
LDR7	Coffs Harbour
LDR8	Goonellabah (Lismore)
LDR9	Calare (Orange)
LDR10	Glenfield Park (Wagga Wagga)
LDR11	Farmborough Heights (Wollongong)

2.1 Survey area locations

Locations of the survey areas are shown in **Figures 2.1** and **2.2**.

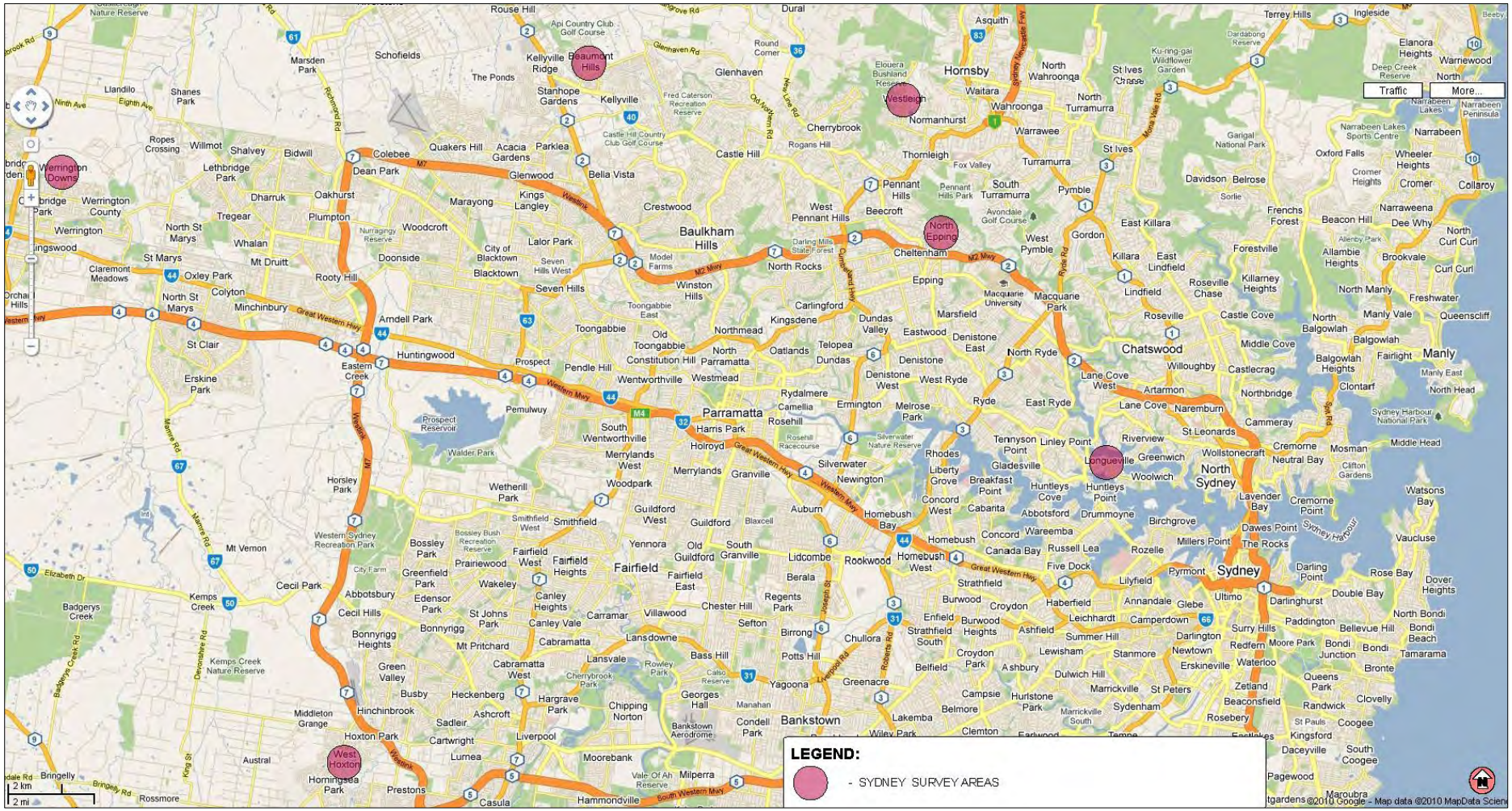

Figure 2.1 Survey area locations – Sydney.

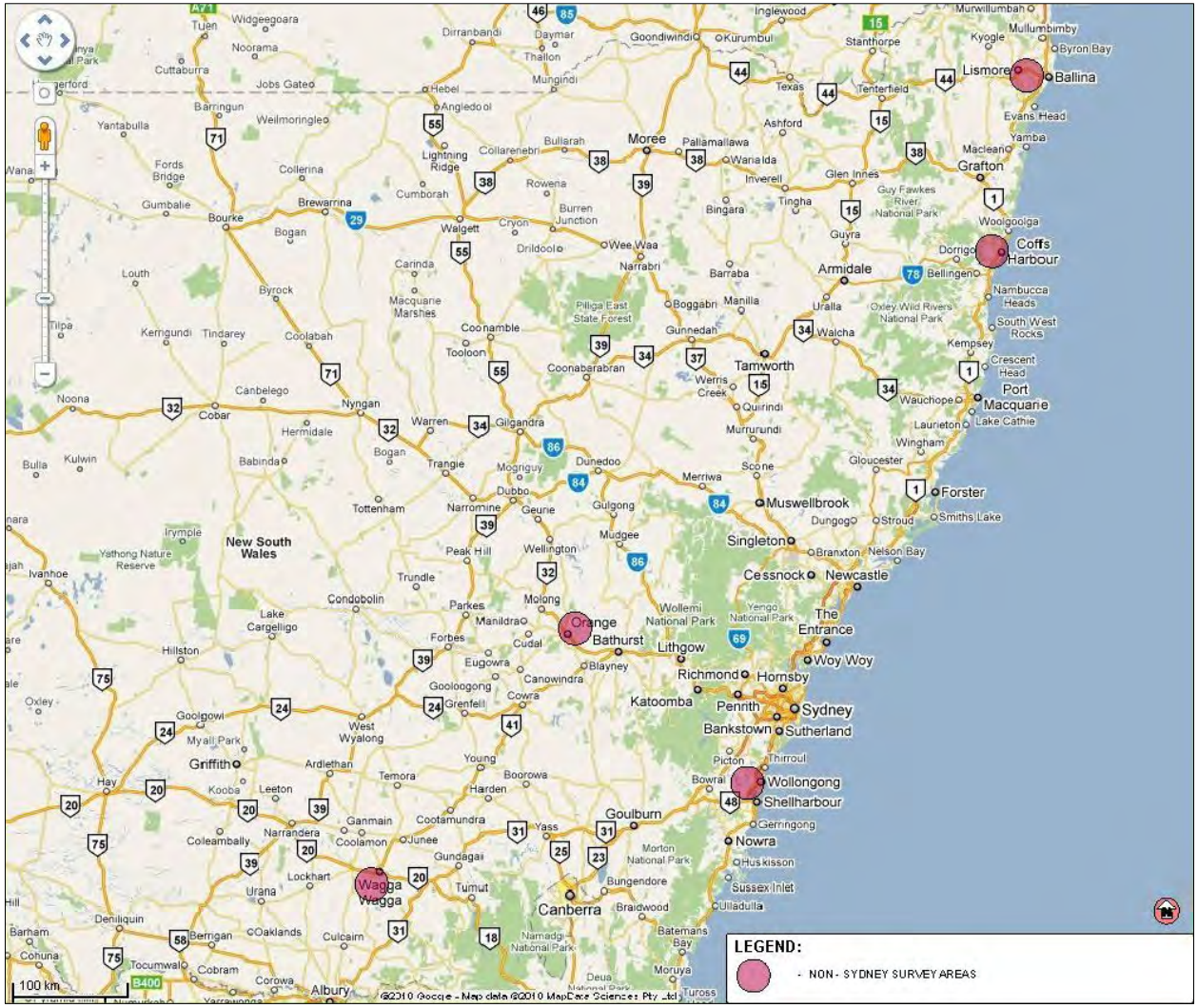

Figure 2.2 Survey area locations – regional centres.

2.2 Details of the selected survey areas

2.2.1 LDR1 Beaumont Hills.

Table 2.2 Survey area details – LDR1.

Survey area ID	LDR1	Beaumont Hills
Adjacent main road		Windsor Rd
No. of access points		3
No. of dwellings		
Houses		956
Townhouses		None
Units		None
Total		**956**
Population		**3,346**
Population age profile		Refer to **Figure 2.3**
Survey area peak hours		
AM Peak		08:00-09:00
PM peak		17:00-18:00
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		17:00-18:00
School		
Name		Beaumont Hills Public School
No. of children		595
Childcare		
Name		Beaumont Hills Long Day Preschool
No. of children		30
Name		The Parkway Child Care Centre for Babies and toddlers
No. of children		23
Shopping centre		
Name		None
Others		
Name		None
Council		
Name		The Hills Shire Council

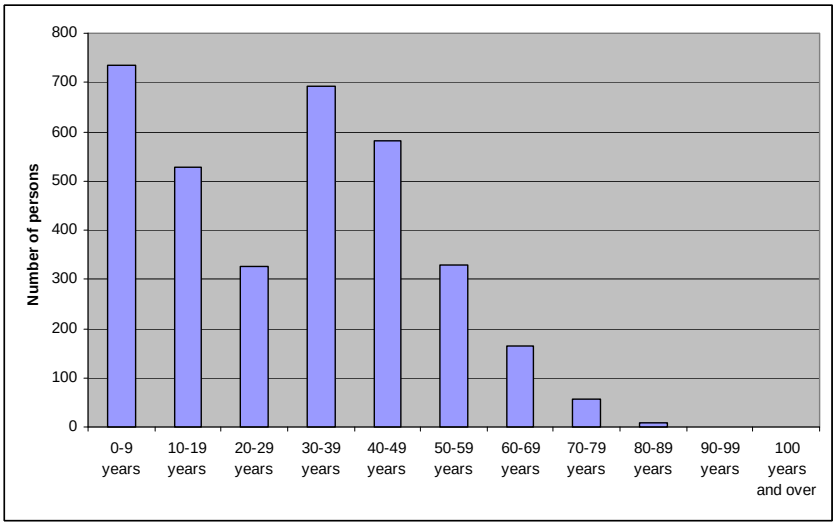

Figure 2.3 Population age profile (2006 ABS data) – LDR1

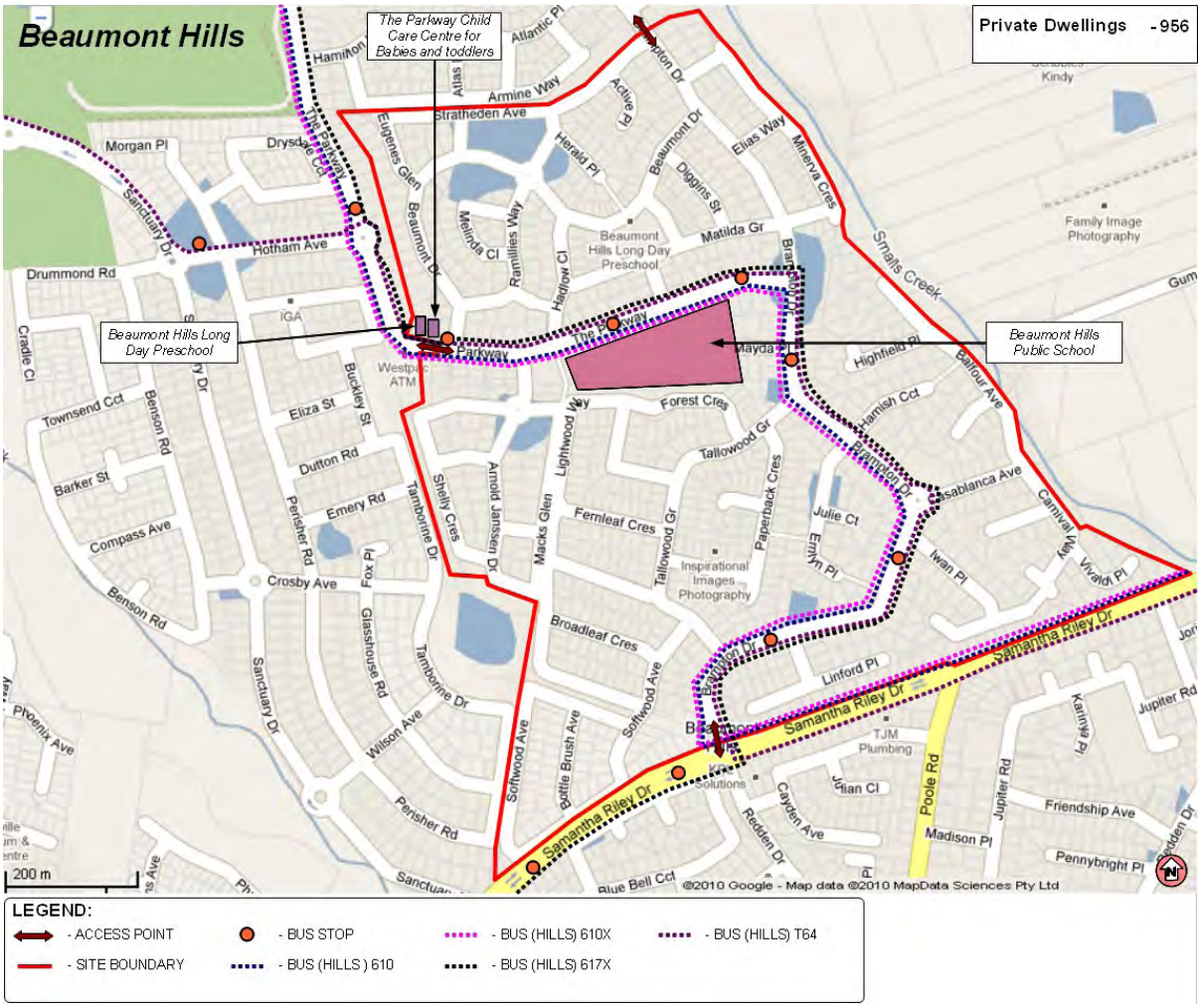

Figure 2.4 LDR1 – Survey area layout and details.

2.2.2 LDR2 Longueville.

Table 2.3 Survey area details – LDR2.

Survey area ID	LDR2	Longueville
Adjacent main road		River Rd
No. of access points		3
No. of dwellings		
Houses		676
Townhouses		None
Units		None
Total		**676**
Population		**2,084**
Population age profile		Refer to **Figure 2.5**
Survey area peak hours		
AM Peak		07:15-08:15
PM peak		17:30-18:30
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		17:00-18:00
School		
Name		None
No. of children		N/A
Childcare		
Name		None
No. of children		N/A
Shopping centre		
Name		None
Others		
Name		Longueville Private Hospital
Traffic generation		None
Name		Longueville Tennis Club
Name		Lane Cove Tennis Club
Council		
Name		Lane Cove Council

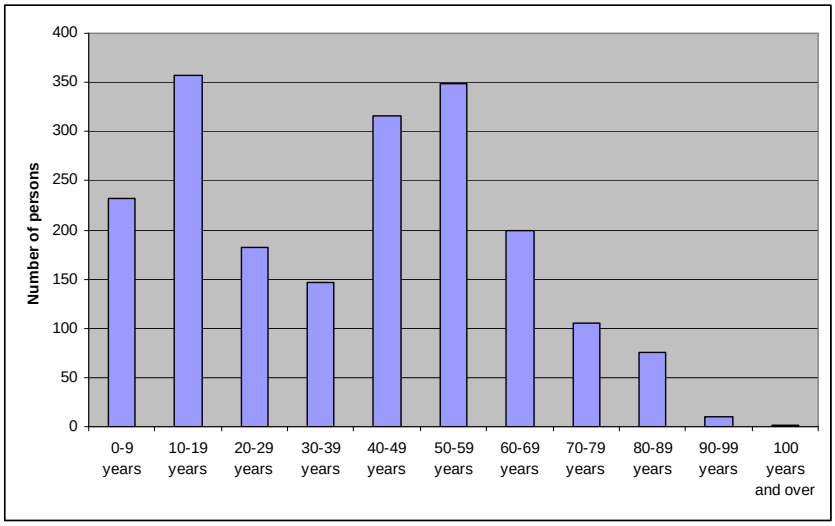

Figure 2.5 Population age profile (2006 ABS data) – LDR2

Figure 2.6 LDR2 – Survey area layout and details.

2.2.3 LDR3 North Epping.

Table 2.4 Survey area details – LDR3.

Survey area ID	LDR3	North Epping
Adjacent main road		Epping Rd
No. of access points		1
No. of dwellings		
Houses		1395
Townhouses		43
Units		57
Total		**1,495**
Population		**4,295**
Population age profile		Refer to **Figure 2.7**
Survey area peak hours		
AM Peak		07:30-08:30
PM peak		17:15-18:15
Surrounding roads peak hours		
AM Peak		06:00-07:00
PM peak		15:00-16:00
School		
Name		Epping North Public School
No. of children		406
Childcare		
Name		Norfolk Childcare
No. of children		5
Name		North Epping Kindergarten
No. of children		55
Shopping centre		
Name		North Epping Shopping Village
Name		Plaza via Roma
Others		
Name		Kooloora Retirement Village
Name		North Epping Bowling and Community Club
Council		
Name		Hornsby Shire Council

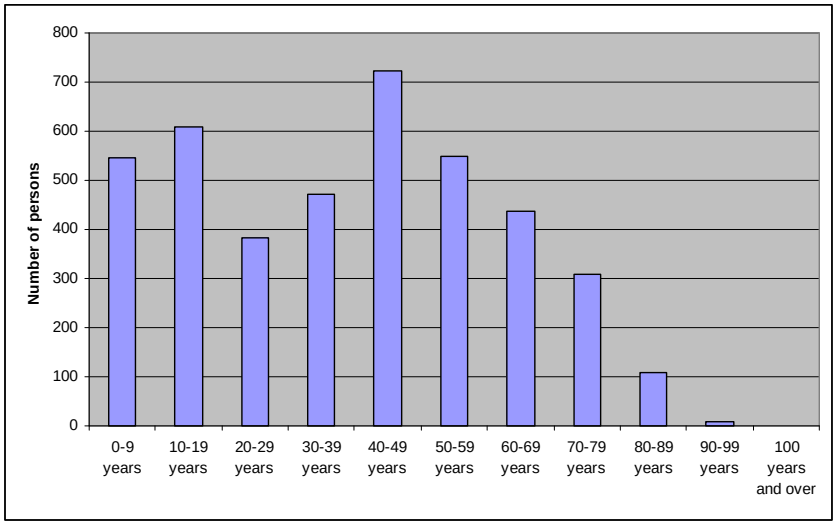

Figure 2.7 Population age profile (2006 ABS data) – LDR3

Figure 2.8 LDR3 – Survey area layout and details.

2.2.4 LDR4 Werrington Downs.

Table 2.5 Survey area details – LDR4.

Survey area ID	LDR4 Werrington Downs
Adjacent main road	Richmond Rd
No. of access points	4
No. of dwellings	
Houses	669
Townhouses	None
Units	None
Total	**669**
Population	**2,095**
Population age profile	Refer to **Figure 2.9**
Survey area peak hours	
AM Peak	08:00-09:00
PM peak	17:00-18:00
Surrounding roads peak hours	
AM Peak	08:00-09:00
PM peak	15:30-16:30
School	
Name	None
No. of children	N/A
Childcare	
Name	"Werrianda" Childcare Centre
No. of children	40
Shopping centre	
Name	None
Others	
Name	Werrington Downs Neighbourhood Centre
Council	
Name	Penrith City Council

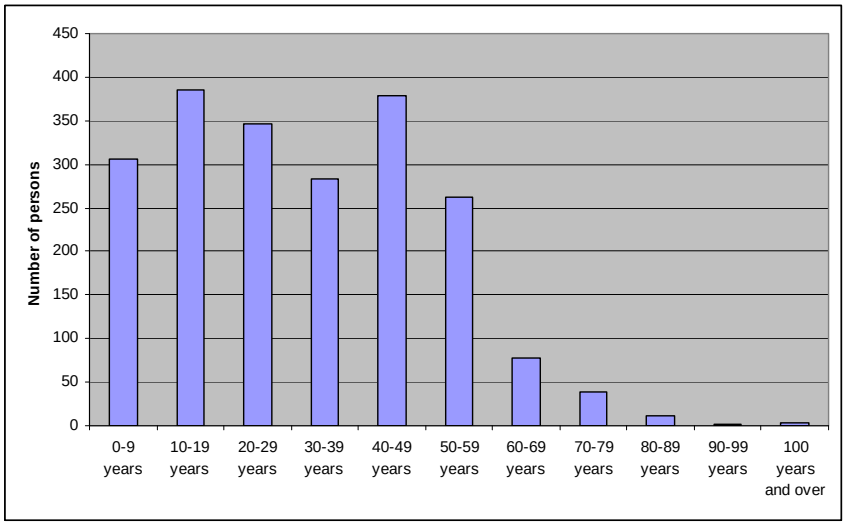

Figure 2.9 Population age profile (2006 ABS data) – LDR4

Figure 2.10 LDR4 – Survey area layout and detail

2.2.5 LDR5 West Hoxton.

Table 2.6 Survey area details – LDR5.

Survey area ID	LDR5 West Hoxton
Adjacent main road	Cowpasture Rd
No. of access points	3
No. of dwellings	
Houses	1224
Townhouses	11
Units	None
Total	**1,235**
Population	**4,552**
Population age profile	Refer to **Figure 2.11**
Survey area peak hours	
AM Peak	08:00-09:00
PM peak	14:45-15:45
Surrounding roads peak hours	
AM Peak	08:00-09:00
PM peak	17:00-18:00
School	
Name	Greenway Park Public School
No. of children	820
Childcare	
Name	Dolphin Early Learning Centre
No. of children	40
Name	Guardian Childcare West Hoxton
No. of children	40
Name	Tickles and Giggles Childcare Centre
No. of children	39
Shopping centre	
Name	None
Others	
Name	Carnes Hill Medical Centre
Council	
Name	Liverpool City Council

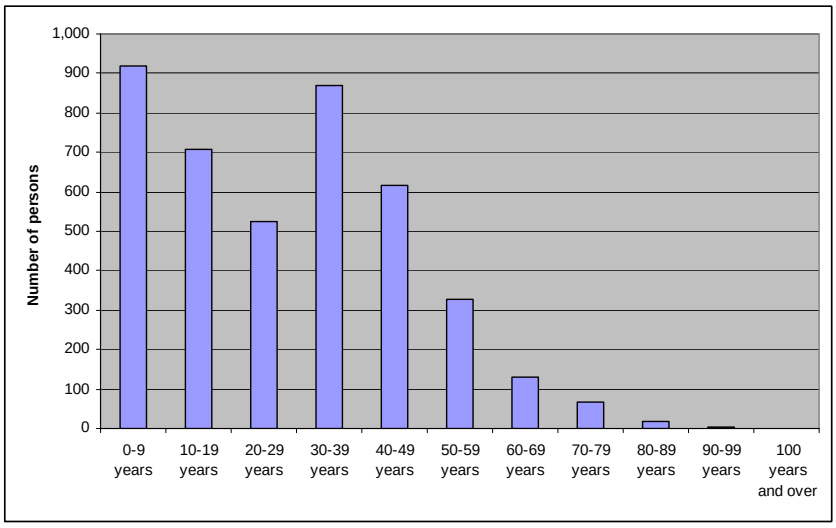

Figure 2.11 Population age profile (2006 ABS data) – LDR5

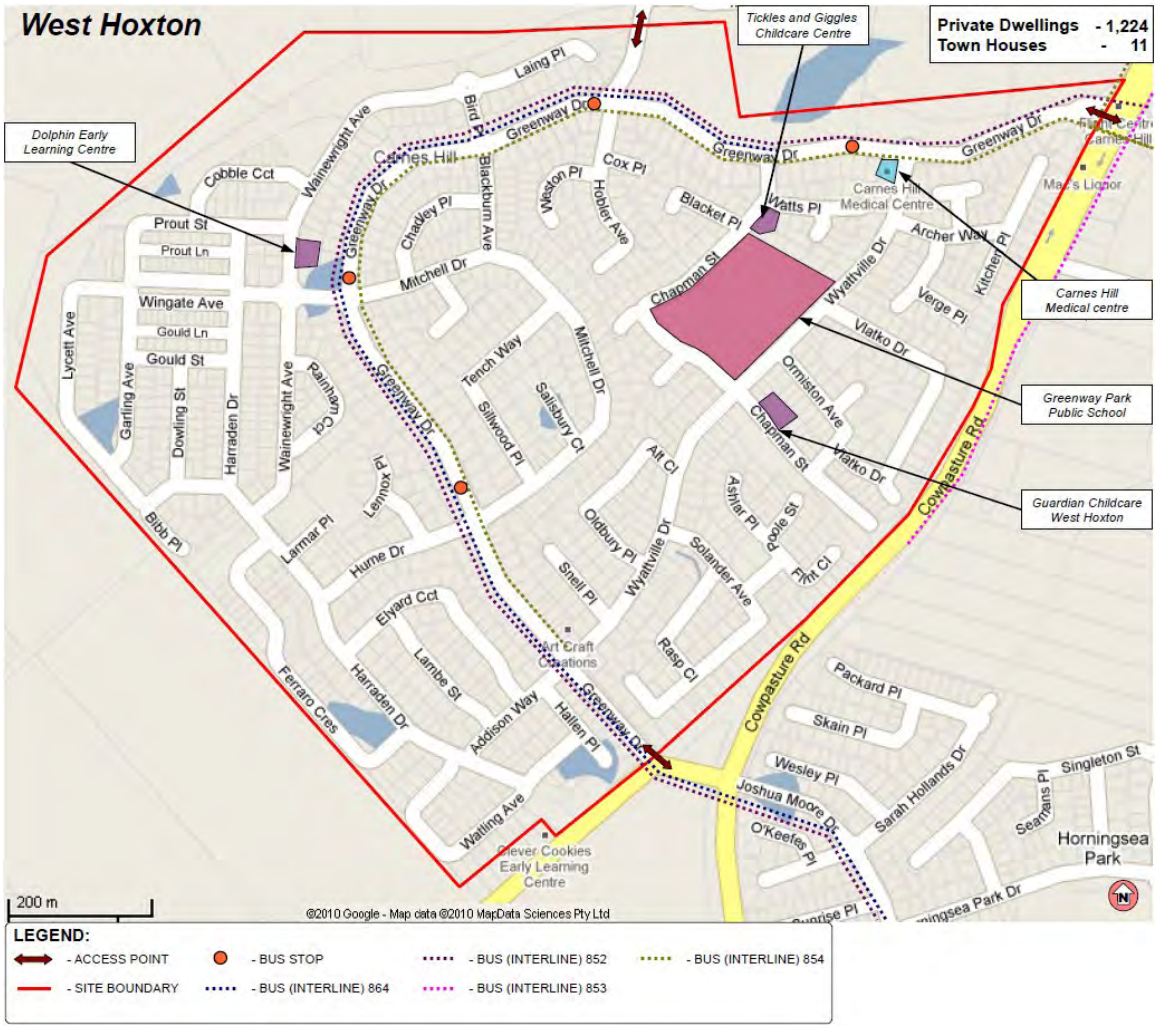

Figure 2.12 LDR5 – Survey area layout and details.

2.2.6 LDR6 Westleigh.

Table 2.7 Survey area Details – LDR6.

Survey area ID	LDR6	Westleigh
Adjacent main road		Pennant Hills Rd
No. of access points		2
No. of dwellings		
Houses		1245
Townhouses		90
Units		None
Total		**1,335**
Population		**4,024**
Population age profile		Refer to **Figure 2.13**
Survey area peak hours		
AM Peak		07:15-08:15
PM peak		17:00-18:00
Surrounding roads peak hours		
AM Peak		07:00-08:00
PM peak		16:00-17:00
School		
Name		Thornleigh West Public School
No. of children		580
Childcare		
Name		Westleigh Nursery and Pre-school
No. of children		40
Shopping centre		
Name		Westleigh Shopping Centre
Others		
Name		Westleigh Tennis Club
Council		
Name		Hornsby Shire Council

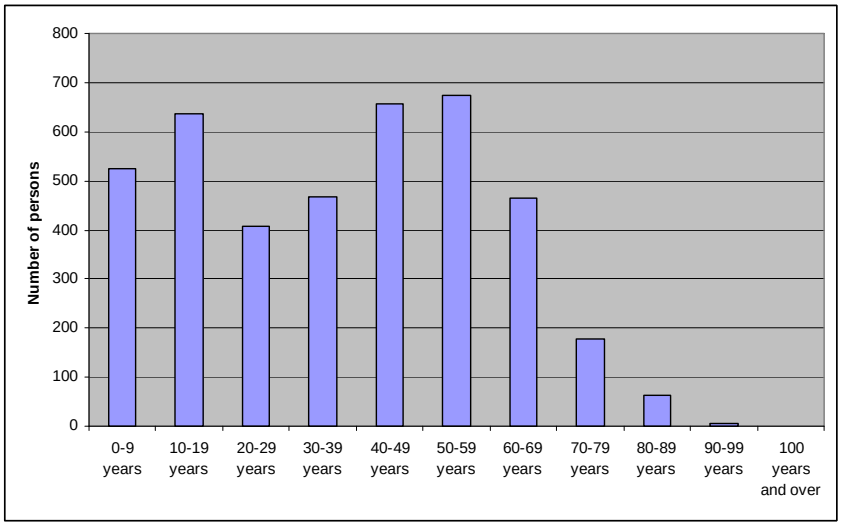

Figure 2.13 Population age profile (2006 ABS data) – LDR6

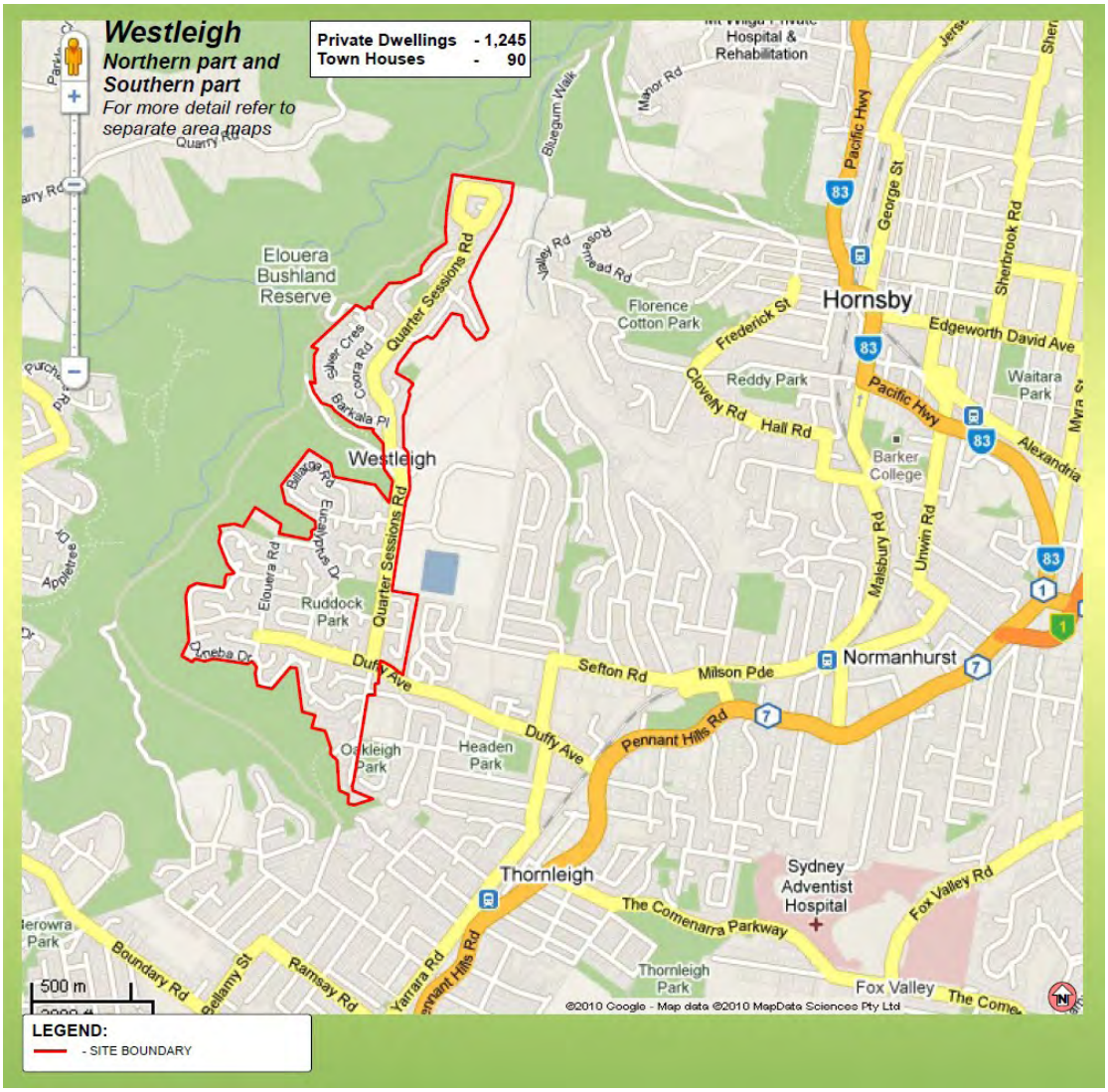

Figure 2.14 LDR6 – Survey area layout and details.

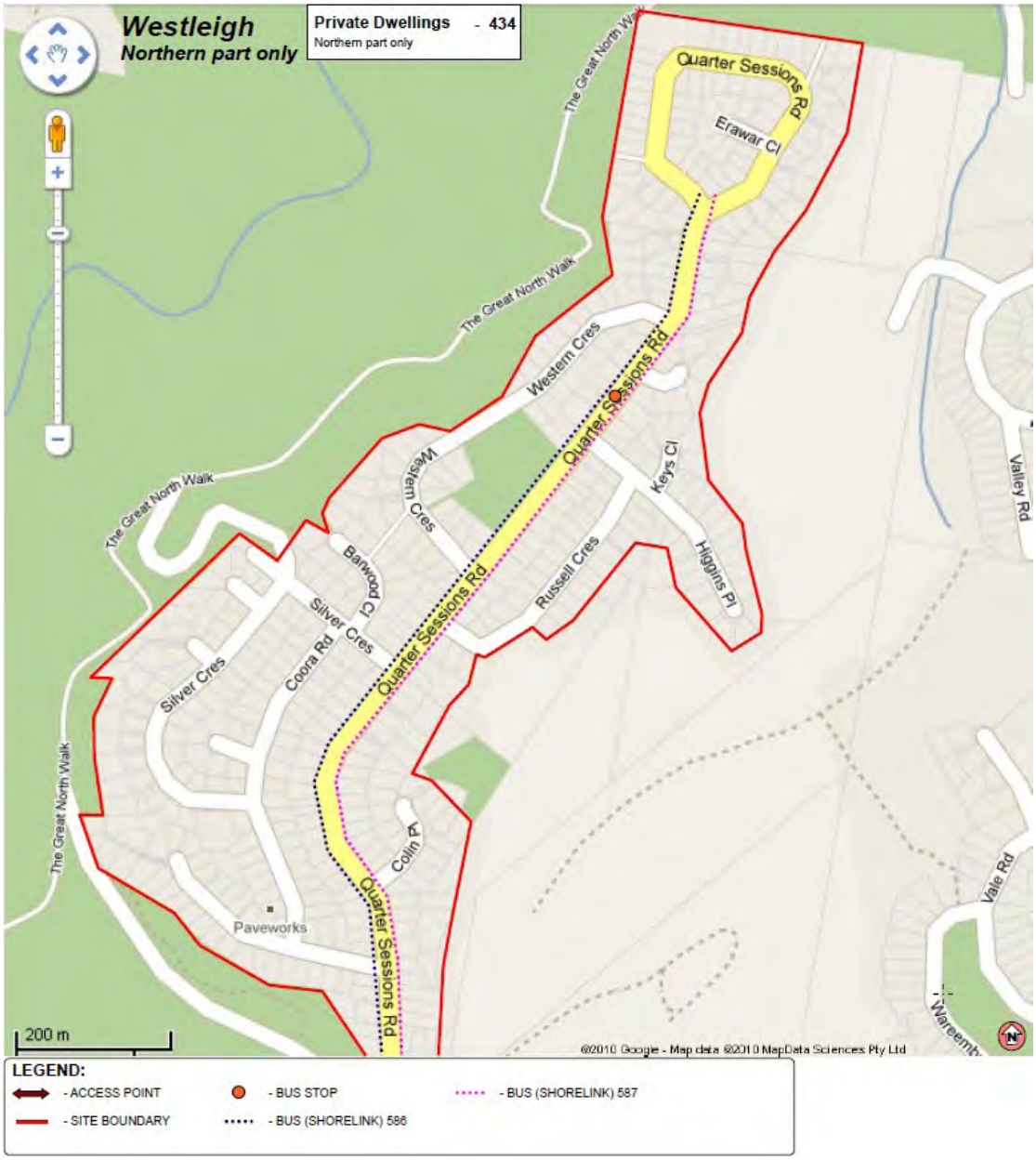

Figure 2.15 LDR6(North) – Survey area layout and details.

Figure 2.16 LDR6(South) – Survey area layout and details.

2.2.7 LDR7 Coffs Harbour.

Table 2.8 Survey area details – LDR7

Survey area ID	LDR7	Coffs Harbour
Adjacent main road		Pacific Hwy
No. of access points		3
No. of dwellings		
Houses		490
Townhouses		19
Units		None
Total		**509**
Population		**1,250**
Population age profile		Refer to **Figure 2.17**
Survey area peak hours		
AM Peak		08:00-09:00
PM peak		15:30-16:30
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		15:00-16:00
School		
Name		None
No. of children		N/A
Childcare		
Name		None
No. of children		N/A
Shopping centre		
Name		None
Others		
Name		None
Council		
Name		Coffs Harbour City Council

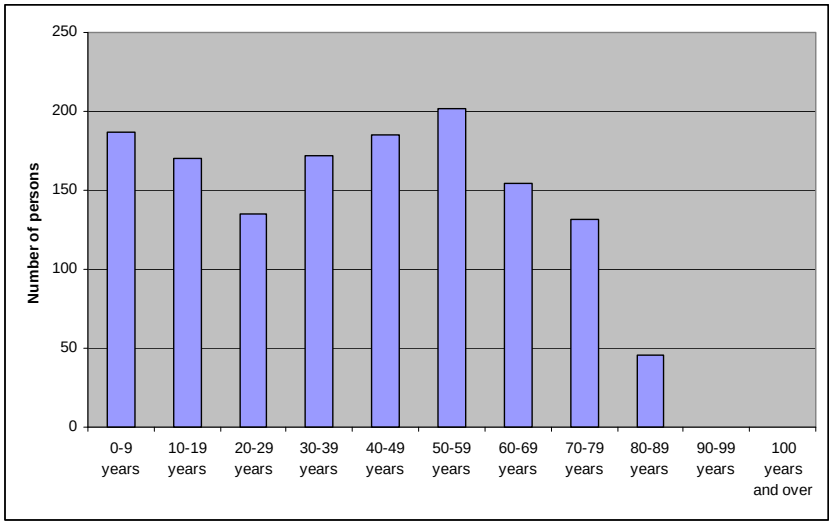

Figure 2.17 Population age profile (2006 ABS data) – LDR7

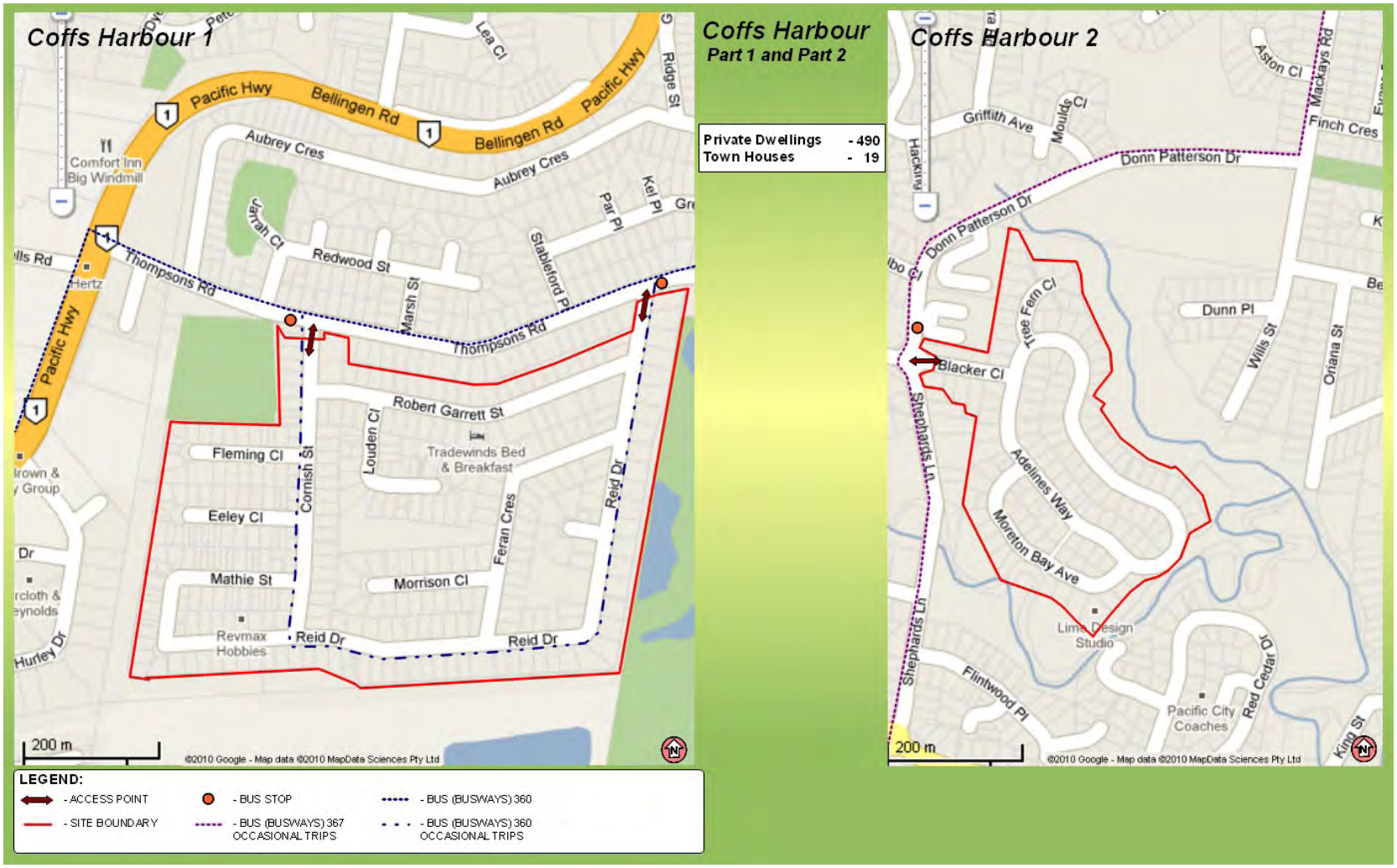

Figure 2.18 LDR7– Survey area layout and details.

2.2.8 LDR8 Goonellabah (Lismore).

Table 2.9 Survey area details – LDR8.

Survey area ID	LDR8	Goonellabah (Lismore)
Adjacent main road		Bruxner Hwy
No. of access points		5
No. of dwellings		
Houses		526
Townhouses		None
Units		30
Total		**556**
Population		**1,378**
Population age profile		Refer to **Figure 2.19**
Survey area peak hours		
AM Peak		08:00-09:00
PM peak		17:00-18:00
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		17:00-18:00
School		
Name		None
No. of children		N/A
Childcare		
Name		None
No. of children		N/A
Shopping centre		
Name		None
Others		
Name		Invercauld House Conference and Function Centre
Council		
Name		Lismore City Council

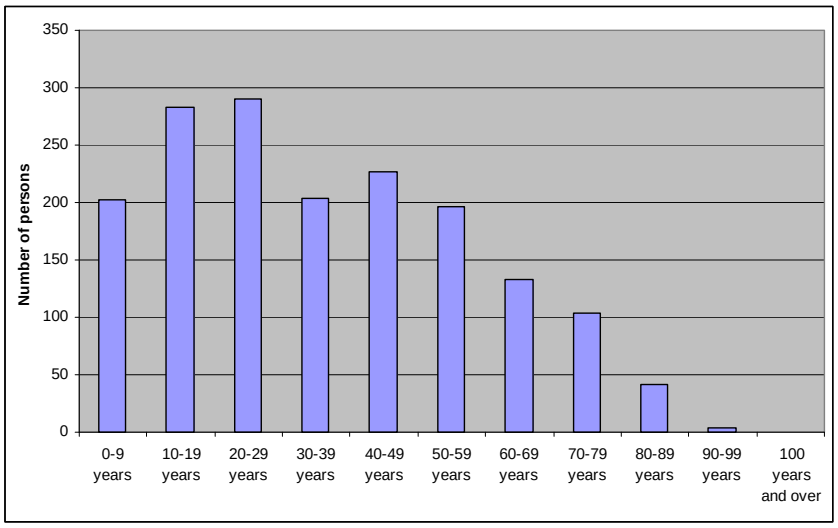

Figure 2.19 Population age profile (2006 ABS data) – LDR8

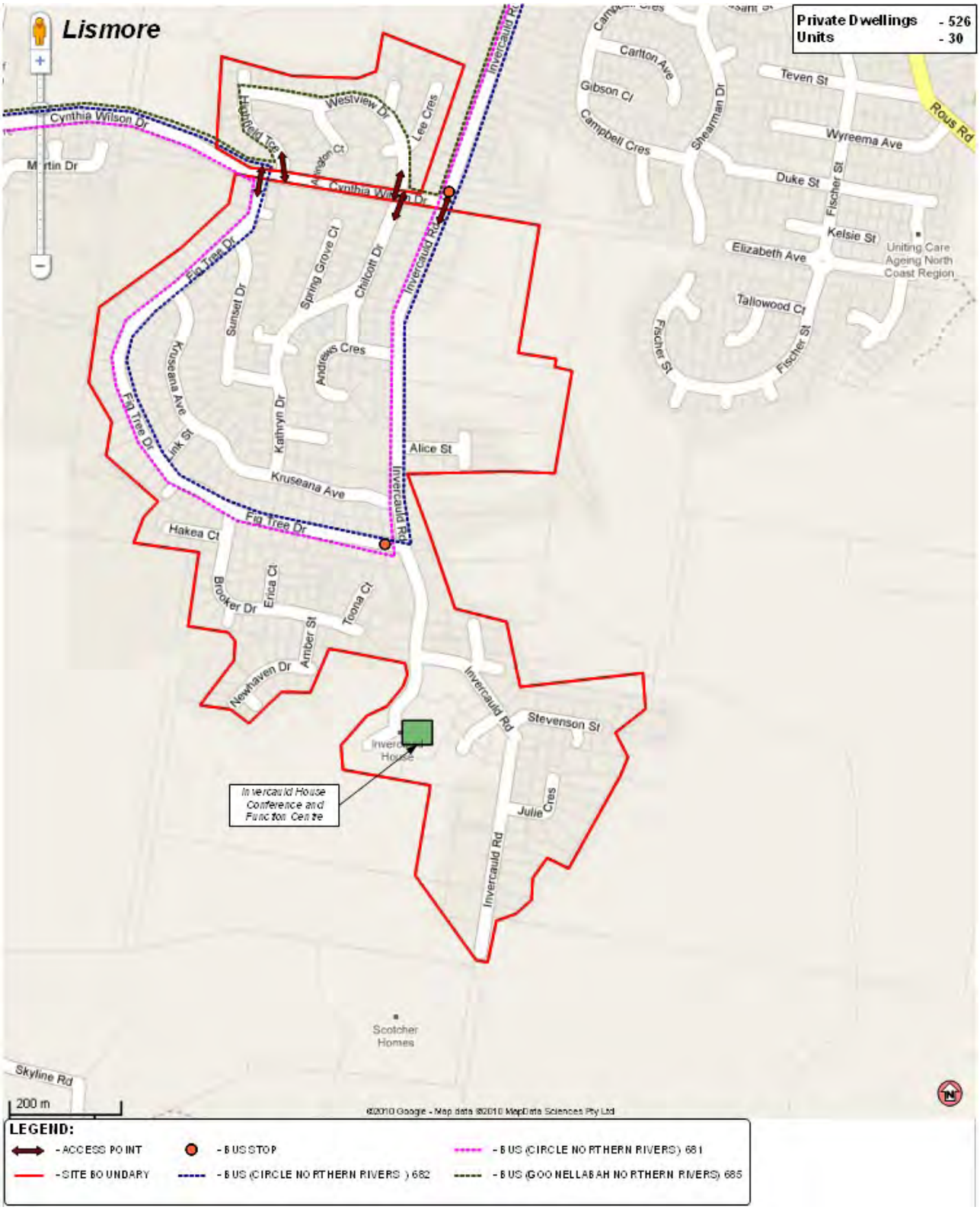

Figure 2.20 LDR8– Survey area layout and details.

2.2.9 LDR9 Calare (Orange).

Table 2.10 Survey area details – LDR9.

Survey area ID	LDR9	Calare (Orange)
Adjacent main road		Mitchell Hwy
No. of access points		4
No. of dwellings		
Houses		697
Townhouses		None
Units		None
Total		**697**
Population		**2,037**
Population age profile		Refer to **Figure 2.21**
Survey area peak hours		
AM Peak		08:00-09:00
PM peak		16:45-17:45
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		16:00-17:00
School		
Name		None
No. of children		N/A
Childcare centres		
Name		Yarrawong Children's Centre
No. of children		54
Name		The Orange and District Early Education Program
No. of children		15
Shopping centre		
Name		None
Others		
Name		Cherrywood Grove Residential Aged Care Facility
Council		
Name		Orange City Council

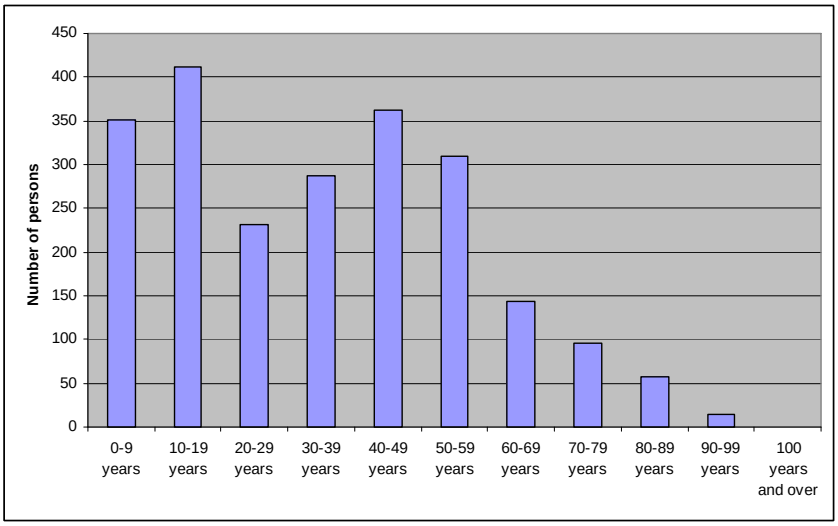

Figure 2.21 Population age profile (2006 ABS data) – LDR9

Figure 2.22 LDR9– Survey area layout and details.

2.2.10 LDR10 Glenfield park (Wagga Wagga).

Table 2.11 Survey area details – LDR10.

Survey area ID	LDR10	Glenfield Park (Wagga Wagga)
Adjacent main road		Bourke St
No. of access points		2
No. of dwellings		
Houses		530
Townhouses		24
Units		None
Total		**554**
Population		**1,391**
Population age profile		Refer to **Figure 2.23**
Survey area peak hours		
AM Peak		08:15-09:15
PM peak		17:15-18:15
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		16:00-17:00
School		
Name		None
No. of children		N/A
Childcare centres		
Name		None
No. of children		N/A
Shopping centre		
Name		None
Others		
Name		None
Council		
Name		Wagga Wagga City Council

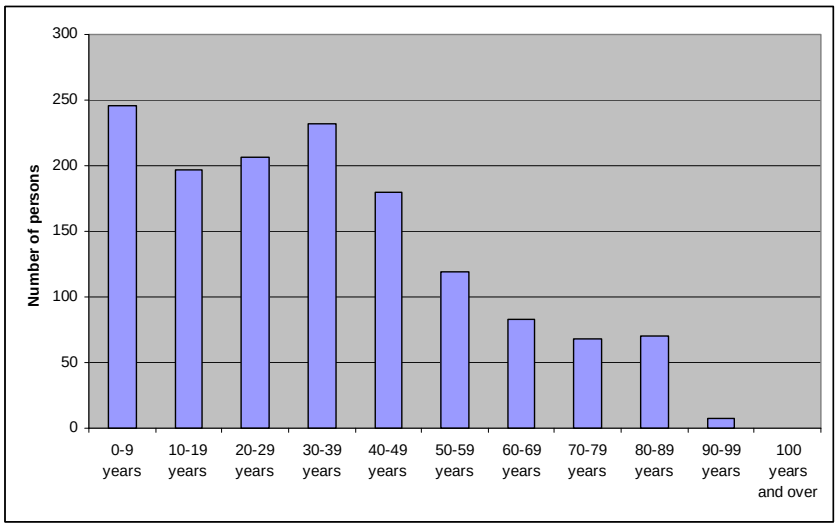

Figure 2.23 Population age profile (2006 ABS data) – LDR10

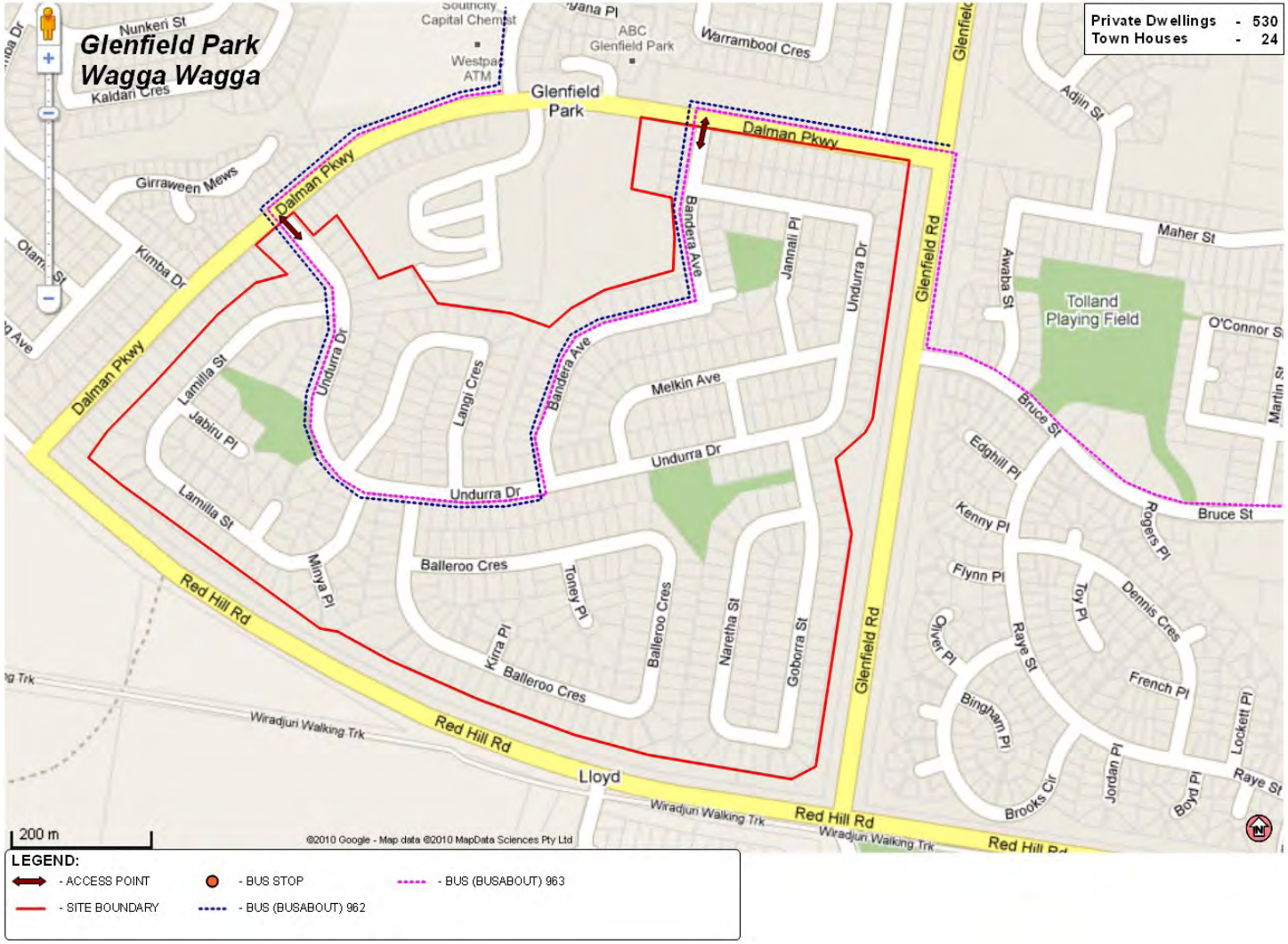

Figure 2.24 LDR10– Survey area layout and details.

2.2.11 LDR11 Farmborough Heights (Wollongong).

Table 2.12 Survey area details – LDR11

Survey area ID	LDR11	Farmborough Heights (Wollongong)
Adjacent main road		Princes Hwy
No. of access points		3
No. of dwellings		
Houses		905
Townhouses		None
Units		None
Total		**905**
Population		**2,685**
Population age profile		Refer to **Figure 2.25**
Survey area peak hours		
AM Peak		07:45-08:45
PM peak		17:00-18:00
Surrounding roads peak hours		
AM Peak		08:00-09:00
PM peak		15:00-16:00
School		
Name		None
No. of children		N/A
Childcare		
Name		None
No. of children		N/A
Shopping centre		
Name		None
Others		
Name		None
Council		
Name		Wollongong City Council

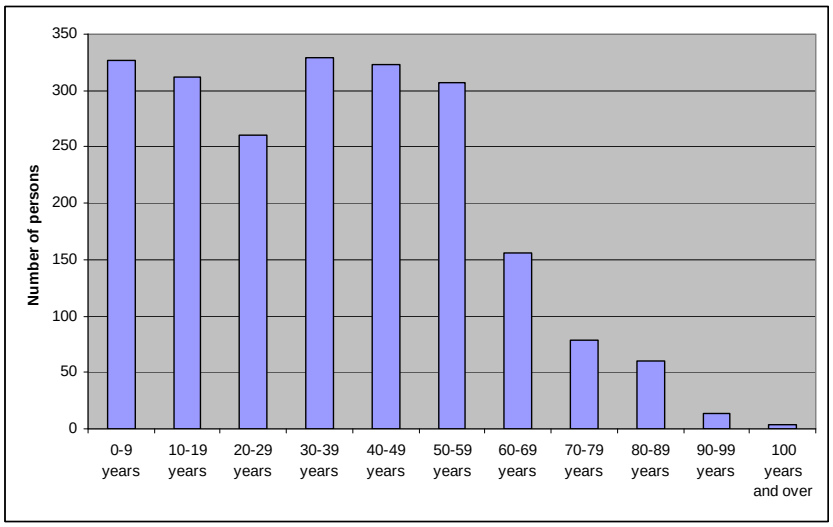

Figure 2.25 Population age profile (2006 ABS data) – LDR11

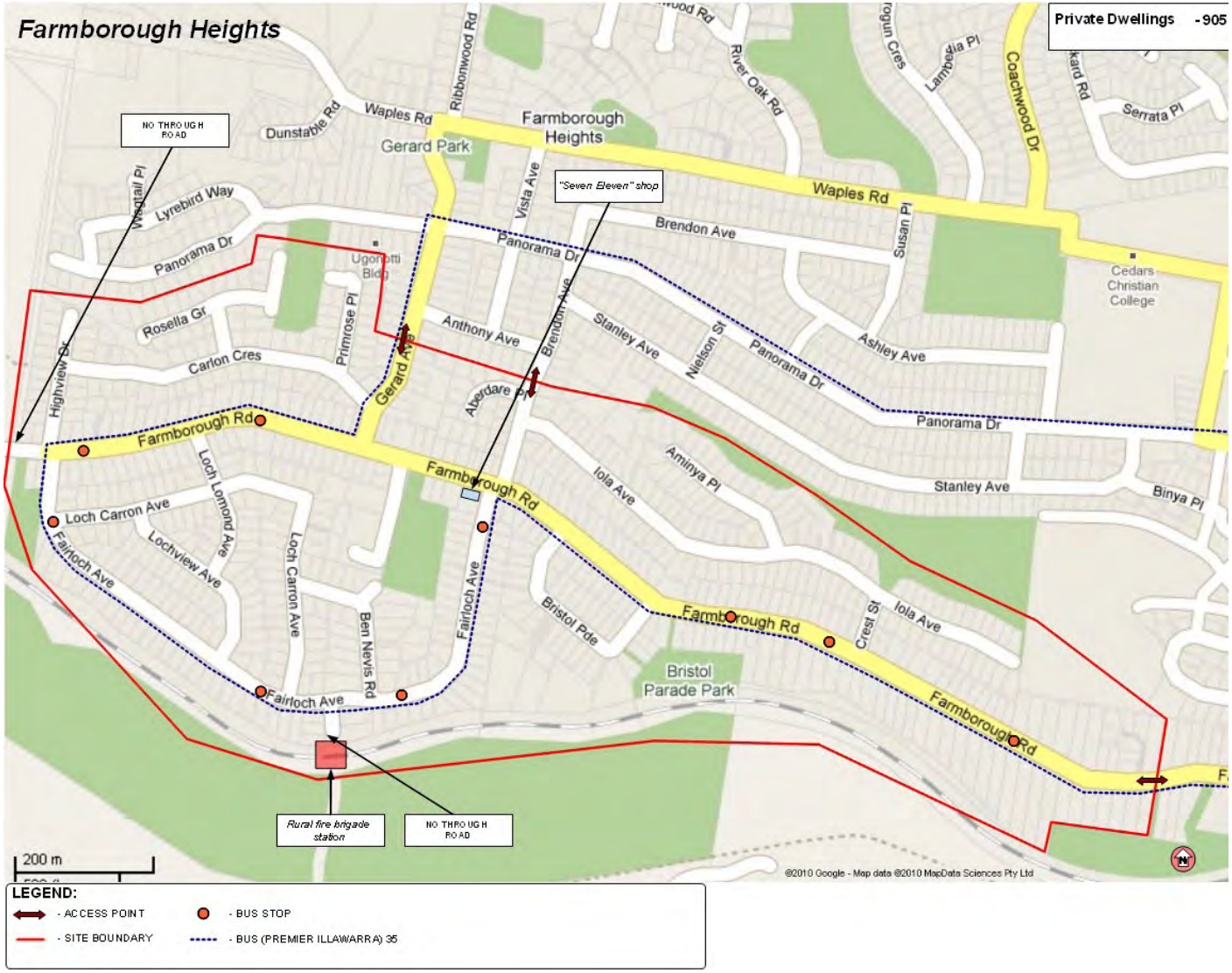

Figure 2.26 LDR11 Survey area layout and details.

3 SURVEY RESULTS

Table 3.13 Survey results summary

	Survey area ID										
	LDR1	LDR2	LDR3	LDR4	LDR5	LDR6	LDR7	LDR8	LDR9	LDR10	LDR11
Area Characteristics:											
Suburb	Beaumont Hills	Longueville	North Epping	Werrington Downs	West Hoxton	Westleigh	Coffs Harbour	Goonellabah	Calare	Glenfield Park	Farmborough Heights
Local Government Area	Baulkham Hills	Lane Cove	Hornsby	Penrith	Liverpool	Hornsby	Coffs Harbour	Lismore	Orange	Wagga Wagga	Wollongong
Typical housing type	two-storey	two-storey	one - & two-storey	one-storey	large two-storey	one-storey	one-storey	one - & two-storey	one-storey	one-storey	one - & two-storey
Indicative Public Transport Accessibility Score	6	30	11	8	5	6	3	2	2	3	2
Traffic generating developments within the area	1 School, 2 Childcare centres	1 Private Hospital	1 School, 2 Childcare centres, 1 Shopping Village, 1 Local shop, 1 Retirement Village	1 Childcare centre	1 School, 3 Childcares, 1 Medical Centre	1 School, 1 Childcare, 1 Shopping centre	None	1 Function Centre	2 Childcare centres, 1 Aged Care facility	None	None
No. of dwellings	956	676	1495	669	1235	1335	509	556	697	554	905
Population	3,346	2,084	4,295	2,095	4,552	4,024	1,250	1,378	2,037	1,391	2,685
	4	3	3	3	4	3	2	2	3	3	3
Date of survey	04-May-10	28-Apr-10	28-Apr-10	04-May-10	06-May-10	28-Apr-10	13-May-10	12-May-10	06-May-10	05-May-10	06-May-10
Day of survey	Tuesday	Wednesday	Wednesday	Tuesday	Thursday	Wednesday	Thursday	Wednesday	Thursday	Wednesday	Thursday
Duration of survey	06:00-19:00 (13 hours) - All survey areas										
Weather	Fine	Fine	Fine	Fine	Fine	Fine	Fine	Fine	Fine	Overcast, light morning showers	Fine
Surrounding roads- AM peak period	08:00-09:00	08:00-09:00	06:00-07:00	08:00-09:00	08:00-09:00	07:00-08:00	08:00-09:00	08:00-09:00	08:00-09:00	08:00-09:00	08:00-09:00
Surrounding roads - PM peak period	17:00-18:00	17:00-18:00	15:00-16:00	15:30-16:30	17:00-18:00	16:00-17:00	15:00-16:00	17:00-18:00	16:00-17:00	16:00-17:00	15:00-16:00
Person Trips:											
o Peak 1-hour person-trips	2170	1083	1390	1286	2807	1207	735	631	1018	733	892
o Time of peak 1-hour person-trips	15:00-16:00	07:15-08:15	07:30-08:30	16:30-17:30	08:00-09:00	17:00-18:00	15:15-16:15	15:30-16:30	08:00-09:00	15:30-16:30	07:45-08:45
o Peak person-trips per dwelling	2.27	1.60	0.93	1.92	2.27	0.90	1.44	1.13	1.46	1.32	0.99
o Peak person-trips per resident	0.65	0.52	0.32	0.61	0.62	0.30	0.59	0.46	0.50	0.53	0.33
o Total daily person-trips	14389	9699	11276	9753	17668	11489	4955	5099	7356	4878	6672
o Total daily person-trips per dwelling	15.05	14.35	7.54	14.58	14.31	8.61	9.73	9.17	10.55	8.81	7.37
o Total daily person-trips per resident	4.30	4.65	2.63	4.65	3.88	2.86	3.96	3.70	3.61	3.51	2.49
o Person-trips in network AM peak	1880	917	401	1046	2807	1042	639	629	1018	569	851
o Person-trips in network PM peak	1517	939	1169	1068	1732	1085	675	557	896	655	854
Vehicle Trips:											
o Peak 1-hour vehicle-trips	1170	710	875	932	1625	944	384	446	627	480	555
o Time of peak 1-hour vehicle-trips	08:00-09:00	17:30-18:30	07:30-08:30	17:00-18:00	08:00-09:00	17:00-18:00	08:00-09:00	17:00-18:00	16:45-17:45	17:15-18:15	07:45-08:45
o Peak vehicle-trips per dwelling	1.22	1.05	0.59	1.39	1.32	0.71	0.75	0.80	0.90	0.87	0.61
o Peak vehicle-trips per resident	0.35	0.34	0.20	0.44	0.36	0.23	0.31	0.32	0.31	0.35	0.21
o Total daily vehicle-trips	9237	6962	7816	6914	11983	8888	3325	3635	4962	3521	4670
o Total daily vehicle-trips per dwelling	9.66	10.30	5.23	10.33	9.70	6.66	6.53	6.54	7.12	6.36	5.16
o Total daily vehicle-trips per resident	2.76	3.34	1.82	3.30	2.63	2.21	2.66	2.64	2.44	2.53	1.74
o Vehicle-trips in network AM peak	1170	598	297	649	1625	790	384	368	591	372	543
o Vehicle-trips in network PM peak	1070	709	653	744	1271	808	334	446	552	460	485
o Car Occupancy (average over survey period)	1.25	1.24	1.30	1.28	1.38	1.21	1.35	1.28	1.42	1.32	1.33
% of total trips by mode:											
o % Car (as driver)	61.2%	68.7%	67.7%	68.6%	65.3%	75.2%	65.6%	68.2%	66.7%	70.2%	67.1%
o % Car (as passenger)	15.2%	16.8%	20.5%	18.9%	25.0%	16.1%	23.2%	19.0%	27.9%	22.1%	21.9%
o % Train	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
o % Bus	16.9%	4.5%	5.2%	5.6%	4.0%	3.5%	4.3%	7.0%	2.9%	5.9%	6.2%
o % Cycle	0.3%	0.4%	0.7%	0.7%	0.2%	0.3%	1.3%	0.5%	0.3%	0.1%	0.3%
o % On foot	5.4%	6.8%	4.3%	4.9%	3.5%	3.0%	4.4%	3.6%	1.8%	1.0%	2.6%
o % Other	1.0%	2.9%	1.6%	1.3%	2.0%	1.8%	1.3%	1.7%	0.4%	0.6%	1.8%

3.1.1 LDR1 Beaumont Hills

Table 3.14 LDR1 - Survey Results – 15 mins data

DATE 4 May 2010	LDR1 BEAUMONT HILLS																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	16	1	3	20	53	1	3	57	16	41	1	0	2	0	60	62	21	1	1	1	0	86	77	146
6:15 to 6:30	24	0	1	25	60	1	1	62	25	6	0	0	3	0	34	62	7	1	0	6	0	76	87	110
6:30 to 6:45	33	0	4	37	113	1	2	116	41	27	0	0	9	0	77	126	19	1	0	12	0	158	153	235
6:45 to 7:00	32	1	2	35	94	4	2	100	38	17	1	0	9	0	65	108	18	4	0	12	0	142	135	207
7:00 to 7:15	43	1	5	49	129	1	4	134	47	22	1	0	8	0	78	151	29	1	0	10	0	191	183	269
7:15 to 7:30	52	0	5	57	121	0	7	128	58	29	0	1	9	0	97	144	50	0	1	7	0	202	185	299
7:30 to 7:45	41	1	8	50	129	1	5	135	44	34	1	0	19	0	98	160	30	2	1	8	0	201	185	299
7:45 to 8:00	51	1	4	56	163	0	5	168	52	41	2	1	6	0	102	209	76	0	1	9	0	295	224	397
8:00 to 8:15	63	2	5	70	175	2	6	183	63	56	2	0	8	0	129	221	75	3	0	7	0	306	253	435
8:15 to 8:30	91	0	8	99	186	1	6	193	91	91	0	0	11	0	193	265	116	1	1	9	1	393	292	586
8:30 to 8:45	134	0	2	136	172	0	2	174	134	11	0	4	39	2	190	239	7	0	0	9	1	256	310	446
8:45 to 9:00	127	1	3	131	179	1	4	184	128	8	1	0	30	1	168	209	12	1	0	23	0	245	315	413
9:00 to 9:15	61	2	2	65	141	1	3	145	63	6	2	0	11	0	82	160	6	1	0	20	0	187	210	269
9:15 to 9:30	51	1	3	55	84	0	1	85	65	14	1	0	1	0	81	102	10	0	0	5	0	117	140	198
9:30 to 9:45	49	1	4	54	74	2	5	81	66	5	1	0	3	0	75	82	14	2	1	8	0	107	135	182
9:45 to 10:00	55	0	3	58	73	0	3	76	68	7	0	0	8	0	83	85	6	0	0	9	0	100	134	183
10:00 to 10:15	56	1	4	61	76	1	4	81	66	7	3	0	0	0	76	101	11	2	1	2	0	117	142	193
10:15 to 10:30	46	0	1	47	75	0	2	77	56	7	0	0	1	0	64	86	21	0	0	3	0	110	124	174
10:30 to 10:45	40	1	2	43	37	1	2	40	43	3	1	1	3	0	51	45	5	1	0	6	0	57	83	108
10:45 to 11:00	43	2	3	48	64	1	2	67	53	12	2	1	2	0	70	74	2	1	0	4	0	81	115	151
11:00 to 11:15	46	2	1	49	63	2	2	67	48	3	2	0	2	0	55	74	8	2	0	5	0	89	116	144
11:15 to 11:30	54	1	1	56	64	0	1	65	64	3	1	0	2	0	70	73	5	0	0	6	0	84	121	154
11:30 to 11:45	57	2	1	60	53	2	1	56	65	2	2	0	4	0	73	70	7	2	0	3	0	82	116	155
11:45 to 12:00	53	0	1	54	49	1	1	51	62	9	0	2	5	0	78	61	10	1	0	7	0	79	105	157
12:00 to 12:15	56	1	3	60	49	2	3	54	64	7	1	1	1	0	74	53	9	2	0	0	0	64	114	138
12:15 to 12:30	54	1	2	57	66	1	1	68	66	6	2	1	0	0	75	86	3	2	0	0	0	91	125	166
12:30 to 12:45	59	1	1	61	46	0	0	46	76	3	1	0	4	0	84	57	0	0	0	2	0	59	107	143
12:45 to 13:00	72	2	2	76	51	2	3	56	86	8	3	0	0	0	97	64	8	3	0	0	0	75	132	172
13:00 to 13:15	65	2	3	70	45	1	3	49	83	6	2	0	0	0	91	52	6	1	0	0	0	59	119	150
13:15 to 13:30	47	2	1	50	38	2	1	41	54	5	2	0	0	0	61	43	5	2	0	0	0	50	91	111
13:30 to 13:45	51	0	2	53	53	2	0	55	61	20	0	0	0	0	81	64	0	2	0	0	0	66	108	147
13:45 to 14:00	43	0	2	45	58	1	3	62	48	7	0	0	1	0	56	70	26	1	0	0	0	97	107	153
14:00 to 14:15	60	3	4	67	55	1	4	60	72	7	5	0	0	0	84	61	14	1	0	0	0	76	127	160
14:15 to 14:30	67	1	1	69	67	2	1	70	75	1	1	0	6	1	84	81	3	3	2	5	1	95	139	179
14:30 to 14:45	71	0	2	73	82	0	2	84	92	3	0	0	13	0	108	99	3	0	0	1	0	103	157	211
14:45 to 15:00	84	1	3	88	69	0	4	73	117	15	1	0	12	0	145	77	27	0	0	1	0	105	161	250
15:00 to 15:15	136	2	3	141	132	1	4	137	232	55	2	1	8	2	300	202	13	1	3	51	5	275	278	575
15:15 to 15:30	137	0	10	147	71	0	7	78	217	122	0	3	19	2	363	104	38	0	0	20	1	163	225	526
15:30 to 15:45	115	2	2	119	84	4	6	94	173	20	2	0	20	1	216	116	53	6	0	13	0	188	213	404
15:45 to 16:00	126	1	11	138	82	0	4	86	182	257	1	1	19	0	460	127	71	0	0	6	1	205	224	665
16:00 to 16:15	134	0	5	139	79	1	8	88	186	87	0	0	14	1	288	120	111	1	0	1	0	233	227	521
16:15 to 16:30	106	1	2	109	98	2	4	104	146	8	1	0	6	0	161	134	24	2	0	3	0	163	213	324
16:30 to 16:45	125	0	6	131	93	0	5	98	182	43	0	0	4	0	229	127	46	0	1	7	0	181	229	410
16:45 to 17:00	122	0	4	126	91	0	2	93	154	10	0	0	6	0	170	117	3	0	0	6	0	126	219	296
17:00 to 17:15	148	0	3	151	94	0	6	100	188	19	0	1	9	2	219	135	29	0	1	28	0	193	251	412
17:15 to 17:30	175	1	3	179	105	0	2	107	213	13	1	1	8	1	237	150	7	0	0	8	0	165	286	402
17:30 to 17:45	152	1	0	153	101	2	1	104	176	0	1	1	15	0	193	125	4	2	1	8	0	140	257	333
17:45 to 18:00	157	0	5	162	111	0	3	114	171	30	0	1	7	0	209	128	18	0	1	13	1	161	276	370
18:00 to 18:15	169	0	1	170	75	0	3	78	187	4	0	1	5	0	197	95	13	0	0	4	0	112	248	309
18:15 to 18:30	138	2	3	143	90	0	3	93	159	53	2	1	11	0	226	131	38	0	0	7	0	176	236	402
18:30 to 18:45	130	0	3	133	87	1	3	91	153	16	0	0	7	0	176	109	8	1	0	1	0	119	224	295
18:45 to 19:00	117	2	1	120	80	3	1	84	137	1	2	2	1	0	143	99	1	3	2	7	0	112	204	255
TOTAL	4234	47	164	4445	4579	52	161	4792	5206	1287	54	25	391	13	6976	5795	1146	60	18	383	11	7413	9237	14389

Table 3.15 LDR1 - Survey Results – hourly data

DATE 4 May 2010 1-hour Data	LDR1 BEAUMONT HILLS																						Grandtotal	
	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	105	2	10	117	320	7	8	335	120	91	2	0	23	0	236	358	65	7	1	31	0	462	452	698
6:15 to 7:15	132	2	12	146	396	7	9	412	151	72	2	0	29	0	254	447	73	7	0	40	0	567	558	821
6:30 to 7:30	160	2	16	178	457	6	15	478	184	95	2	1	35	0	317	529	116	6	1	41	0	693	656	1010
6:45 to 7:45	168	3	20	191	473	6	18	497	187	102	3	1	45	0	338	563	127	7	2	37	0	736	688	1074
7:00 to 8:00	187	3	22	212	542	2	21	565	201	126	4	2	42	0	375	664	185	3	3	34	0	889	777	1264
7:15 to 8:15	207	4	22	233	588	3	23	614	217	160	5	2	42	0	426	734	231	5	3	31	0	1004	847	1430
7:30 to 8:30	246	4	25	275	653	4	22	679	250	222	5	1	44	0	522	855	297	6	3	33	1	1195	954	1717
7:45 to 8:45	339	3	19	361	696	3	19	718	340	199	4	5	64	2	614	934	274	4	2	34	2	1250	1079	1864
8:00 to 9:00	415	3	18	436	712	4	18	734	416	166	3	4	88	3	680	934	210	5	1	48	2	1200	1170	1880
8:15 to 9:15	413	3	15	431	678	3	15	696	416	116	3	4	91	3	633	873	141	3	1	61	2	1081	1127	1714
8:30 to 9:30	373	4	10	387	576	2	10	588	390	39	4	4	81	3	521	710	35	2	0	57	1	805	975	1326
8:45 to 9:45	288	5	12	305	478	4	13	495	322	33	5	0	45	1	406	553	42	4	1	56	0	656	800	1062
9:00 to 10:00	216	4	12	232	372	3	12	387	262	32	4	0	23	0	321	429	36	3	1	42	0	511	619	832
9:15 to 10:15	211	3	14	228	307	3	13	323	265	33	5	0	12	0	315	370	41	4	2	24	0	441	551	756
9:30 to 10:30	206	2	12	220	298	3	14	315	256	26	4	0	12	0	298	354	52	4	2	22	0	434	535	732
9:45 to 10:45	197	2	10	209	261	2	11	274	233	24	4	1	12	0	274	317	43	3	1	20	0	384	483	658
10:00 to 11:00	185	4	10	199	252	3	10	265	218	29	6	2	6	0	261	306	39	4	1	15	0	365	464	626
10:15 to 11:15	175	5	7	187	239	4	8	251	200	25	5	2	8	0	240	279	36	4	0	18	0	337	438	577
10:30 to 11:30	183	6	7	196	228	4	7	239	208	21	6	2	9	0	246	266	20	4	0	21	0	311	435	557
10:45 to 11:45	200	7	6	213	244	5	6	255	230	20	7	1	10	0	268	291	22	5	0	18	0	336	468	604
11:00 to 12:00	210	5	4	219	229	5	5	239	239	17	5	2	13	0	276	278	30	5	0	21	0	334	458	610
11:15 to 12:15	220	4	6	230	215	5	6	226	255	21	4	3	12	0	295	257	31	5	0	16	0	309	456	604
11:30 to 12:30	220	4	7	231	217	6	6	229	257	24	5	4	10	0	300	270	29	7	0	10	0	316	460	616
11:45 to 12:45	222	3	7	232	210	4	5	219	268	25	4	4	10	0	311	257	22	5	0	9	0	293	451	604
12:00 to 13:00	241	5	8	254	212	5	7	224	292	24	7	2	5	0	330	260	20	7	0	2	0	289	478	619
12:15 to 13:15	250	6	8	264	208	4	7	219	311	23	8	1	4	0	347	259	17	6	0	2	0	284	483	631
12:30 to 13:30	243	7	7	257	180	5	7	192	299	22	8	0	4	0	333	216	19	6	0	2	0	243	449	576
12:45 to 13:45	235	6	8	249	187	7	7	201	284	39	7	0	0	0	330	223	19	8	0	0	0	250	450	580
13:00 to 14:00	206	4	8	218	194	6	7	207	246	38	4	0	1	0	289	229	37	6	0	0	0	272	425	561
13:15 to 14:15	201	5	9	215	204	6	8	218	235	39	7	0	1	0	282	238	45	6	0	0	0	289	433	571
13:30 to 14:30	221	4	9	234	233	6	8	247	256	35	6	0	7	1	305	276	43	7	2	5	1	334	481	639
13:45 to 14:45	241	4	9	254	262	4	10	276	287	18	6	0	20	1	332	311	46	5	2	6	1	371	530	703
14:00 to 15:00	282	5	10	297	273	3	11	287	356	26	7	0	31	1	421	318	47	4	2	7	1	379	584	800
14:15 to 15:15	358	4	9	371	350	3	11	364	516	74	4	1	39	3	637	459	46	4	5	58	6	578	735	1215
14:30 to 15:30	428	3	18	449	354	1	17	372	658	195	3	4	52	4	916	482	81	1	3	73	6	646	821	1562
14:45 to 15:45	472	5	18	495	356	5	21	382	739	212	5	4	59	5	1024	499	131	7	3	85	6	731	877	1755
15:00 to 16:00	514	5	26	545	369	5	21	395	804	454	5	5	66	5	1339	549	175	7	3	90	7	831	940	2170
15:15 to 16:15	512	3	28	543	316	5	25	346	758	486	3	4	72	4	1327	467	273	7	0	40	2	789	889	2116
15:30 to 16:30	481	4	20	505	343	7	22	372	687	372	4	1	59	2	1125	497	259	9	0	23	1	789	877	1914
15:45 to 16:45	491	2	24	517	352	3	21	376	696	395	2	1	43	1	1138	508	252	3	1	17	1	782	893	1920
16:00 to 17:00	487	1	17	505	361	3	19	383	668	148	1	0	30	1	848	498	184	3	1	17	0	703	888	1551
16:15 to 17:15	501	1	15	517	376	2	17	395	670	80	1	1	25	2	779	513	102	2	2	44	0	663	912	1442
16:30 to 17:30	570	1	16	587	383	0	15	398	737	85	1	2	27	3	855	529	85	0	2	49	0	665	985	1520
16:45 to 17:45	597	2	10	609	391	2	11	404	731	42	2	3	38	3	819	527	43	2	2	50	0	624	1013	1443
17:00 to 18:00	632	2	11	645	411	2	12	425	748	62	2	4	39	3	858	538	58	2	3	57	1	659	1070	1517
17:15 to 18:15	653	2	9	664	392	2	9	403	747	47	2	4	35	1	836	498	42	2	2	33	1	578	1067	1414
17:30 to 18:30	616	3	9	628	377	2	10	389	693	87	3	4	38	0	825	479	73	2	2	32	1	589	1017	1414
17:45 to 18:45	594	2	12	608	363	1	12	376	670	103	2	3	30	0	808	463	77	1	1	25	1	568	984	1376
18:00 to 19:00	554	4	8	566	332	4	10	346	636	74	4	4	24	0	742	434	60	4	2	19	0	519	912	1261

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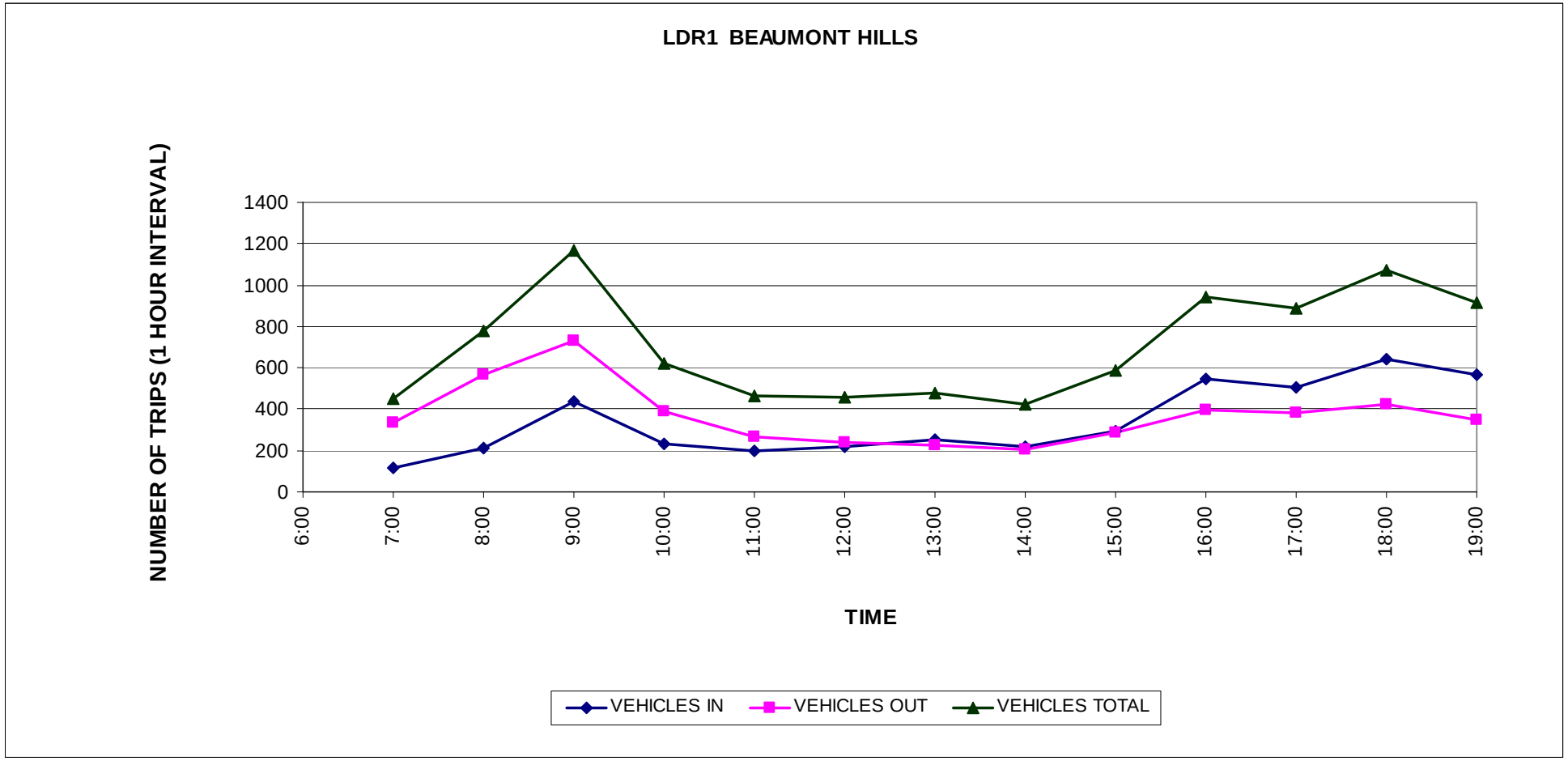
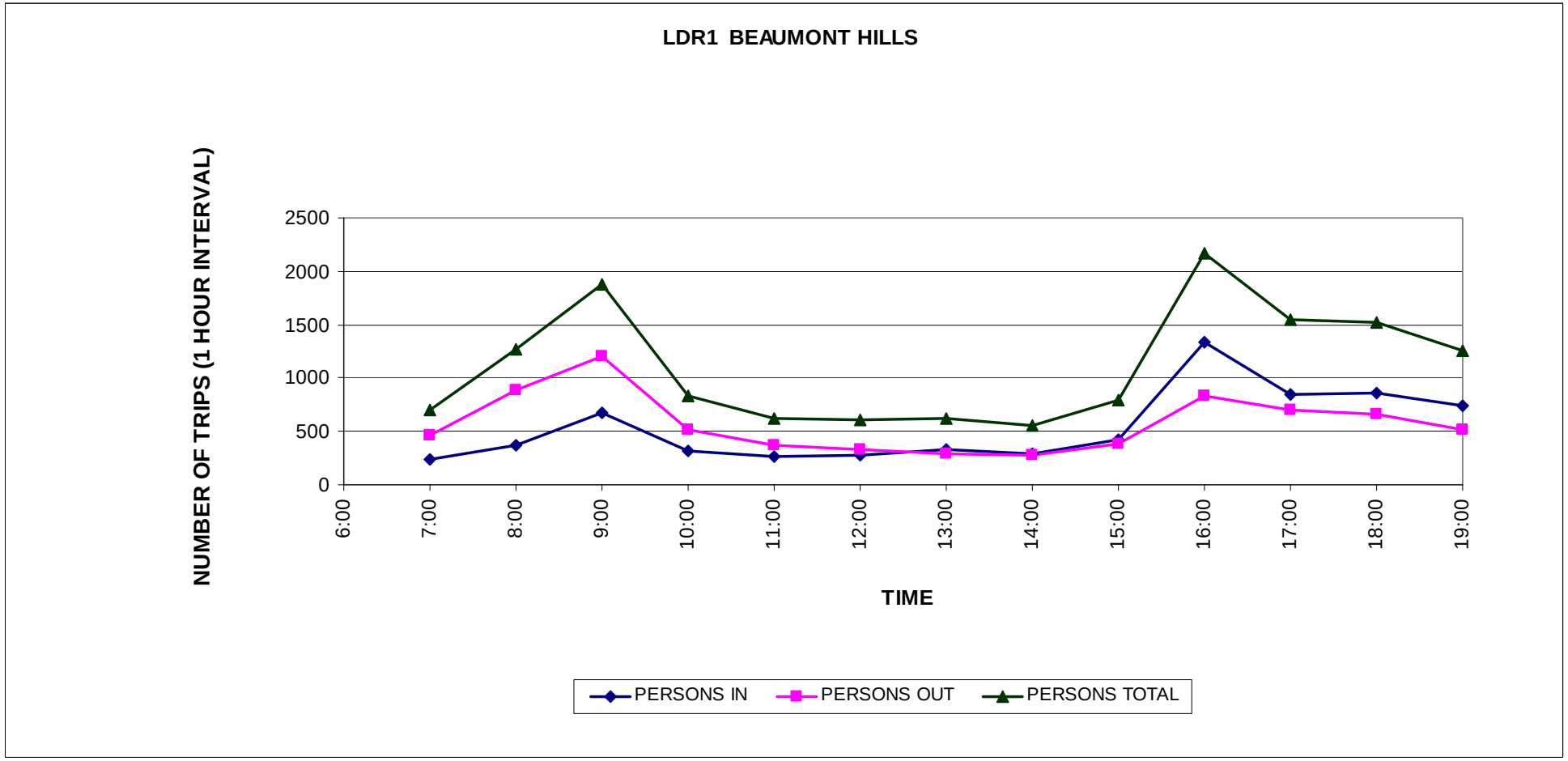
Table 3.16 LDR1 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	415	3	18	436	712	4	18	734	416	166	3	4	88	3	680	934	210	5	1	48	2	1200
PM																								
17:00	to	18:00	632	2	11	645	411	2	12	425	748	62	2	4	39	3	858	538	58	2	3	57	1	659

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	415	3	18	436	712	4	18	734	416	166	3	4	88	3	680	934	210	5	1	48	2	1200
PM																								
15:00	to	16:00	514	5	26	545	369	5	21	395	804	454	5	5	66	5	1339	549	175	7	3	90	7	831

DATE 4 May 2010			LDR1 BEAUMONT HILLS																							Grandtotal	
1-hour Data			Vehicles								Persons															1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT									
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	105	2	10	117	320	7	8	335	120	91	2	0	23	0	236	358	65	7	1	31	0	462	452	698
7:00	to	8:00	187	3	22	212	542	2	21	565	201	126	4	2	42	0	375	664	185	3	3	34	0	889	777	1264
8:00	to	9:00	415	3	18	436	712	4	18	734	416	166	3	4	88	3	680	934	210	5	1	48	2	1200	1170	1880
9:00	to	10:00	216	4	12	232	372	3	12	387	262	32	4	0	23	0	321	429	36	3	1	42	0	511	619	832
10:00	to	11:00	185	4	10	199	252	3	10	265	218	29	6	2	6	0	261	306	39	4	1	15	0	365	464	626
11:00	to	12:00	210	5	4	219	229	5	5	239	239	17	5	2	13	0	276	278	30	5	0	21	0	334	458	610
12:00	to	13:00	241	5	8	254	212	5	7	224	292	24	7	2	5	0	330	260	20	7	0	2	0	289	478	619
13:00	to	14:00	206	4	8	218	194	6	7	207	246	38	4	0	1	0	289	229	37	6	0	0	0	272	425	561
14:00	to	15:00	282	5	10	297	273	3	11	287	356	26	7	0	31	1	421	318	47	4	2	7	1	379	584	800
15:00	to	16:00	514	5	26	545	369	5	21	395	804	454	5	5	66	5	1339	549	175	7	3	90	7	831	940	2170
16:00	to	17:00	487	1	17	505	361	3	19	383	668	148	1	0	30	1	848	498	184	3	1	17	0	703	888	1551
17:00	to	18:00	632	2	11	645	411	2	12	425	748	62	2	4	39	3	858	538	58	2	3	57	1	659	1070	1517
18:00	to	19:00	554	4	8	566	332	4	10	346	636	74	4	4	24	0	742	434	60	4	2	19	0	519	912	1261
Total			4234	47	164	4445	4579	52	161	4792	5206	1287	54	25	391	13	6976	5795	1146	60	18	383	11	7413	9237	14389


LDR1 BEAUMONT HILLS
NUMBER OF TRIPS (1 HOUR INTERVAL)
1400
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR1 BEAUMONT HILLS
NUMBER OF TRIPS (1 HOUR INTERVAL)
2500
2000
1500
1000
500
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.2 LDR2 Longueville

Table 3.17 LDR2 - Survey Results – 15 mins data

DATE 28 May 2010	LDR2 Longueville																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	11	2	0	13	12	0	0	12	12	0	2	1	6	0	21	13	0	0	0	15	0	28	25	49
6:15 to 6:30	21	0	1	22	24	0	1	25	22	0	0	0	17	0	39	29	7	0	1	18	0	55	47	94
6:30 to 6:45	29	2	1	32	25	1	0	26	32	0	3	0	14	0	49	29	0	1	0	13	0	43	58	92
6:45 to 7:00	48	2	1	51	57	0	1	58	53	1	2	2	14	0	72	72	6	0	1	11	0	90	109	162
7:00 to 7:15	51	1	2	54	77	2	2	81	59	1	1	0	10	0	71	100	16	2	1	16	0	135	135	206
7:15 to 7:30	57	3	3	63	94	0	3	97	72	8	5	0	10	0	95	121	4	0	1	8	0	134	160	229
7:30 to 7:45	49	3	3	55	131	0	3	134	58	6	7	1	2	0	74	180	59	0	1	15	0	255	189	329
7:45 to 8:00	51	2	1	54	106	5	2	113	62	2	3	0	4	0	71	152	23	6	0	8	0	189	167	260
8:00 to 8:15	42	3	1	46	108	2	1	111	57	2	5	0	4	0	68	168	16	4	0	9	0	197	157	265
8:15 to 8:30	58	2	2	62	88	0	1	89	66	2	3	0	7	0	78	132	4	0	0	4	0	140	151	218
8:30 to 8:45	55	2	0	57	94	3	1	98	64	0	3	0	8	0	75	141	21	4	3	11	0	180	155	255
8:45 to 9:00	53	0	1	54	77	4	0	81	58	5	0	1	5	0	69	97	0	7	0	6	0	110	135	179
9:00 to 9:15	65	0	1	66	72	2	2	76	74	0	0	0	9	0	83	95	13	3	1	7	0	119	142	202
9:15 to 9:30	71	1	0	72	62	2	0	64	81	0	1	0	9	0	91	79	0	2	0	18	0	99	136	190
9:30 to 9:45	42	4	1	47	66	1	1	68	49	5	5	1	7	0	67	81	8	1	3	12	0	105	115	172
9:45 to 10:00	46	2	0	48	68	2	0	70	50	0	3	0	6	0	59	83	0	3	1	8	0	95	118	154
10:00 to 10:15	60	4	1	65	52	3	1	56	68	3	6	0	4	0	81	62	2	5	0	4	0	73	121	154
10:15 to 10:30	62	0	0	62	49	3	0	52	66	0	0	0	3	0	69	51	0	3	0	5	1	60	114	129
10:30 to 10:45	55	2	2	59	79	1	1	81	58	7	3	0	13	0	81	92	15	1	1	5	0	114	140	195
10:45 to 11:00	45	3	0	48	61	5	1	67	52	0	5	2	7	0	66	69	10	9	0	4	0	92	115	158
11:00 to 11:15	47	2	0	49	51	0	1	52	50	0	4	0	3	0	57	55	10	0	0	3	0	68	101	125
11:15 to 11:30	46	0	0	46	62	6	0	68	54	0	0	0	1	0	55	71	0	10	1	1	0	83	114	138
11:30 to 11:45	53	3	1	57	64	5	1	70	61	5	6	0	4	0	76	78	5	5	0	1	0	89	127	165
11:45 to 12:00	63	5	1	69	59	1	1	61	69	2	7	0	4	0	82	66	1	1	0	6	0	74	130	156
12:00 to 12:15	53	0	0	53	59	1	0	60	69	0	0	0	4	0	73	66	0	1	0	0	0	67	113	140
12:15 to 12:30	47	0	0	47	60	3	0	63	55	0	0	0	4	0	59	67	0	4	0	0	0	71	110	130
12:30 to 12:45	41	5	1	47	78	2	1	81	51	1	5	0	5	0	62	89	2	2	0	1	0	94	128	156
12:45 to 13:00	47	2	1	50	47	2	1	50	50	5	2	0	4	0	61	56	2	3	0	2	0	63	100	124
13:00 to 13:15	59	2	0	61	56	3	0	59	71	0	2	1	4	0	78	71	0	4	1	1	0	77	120	155
13:15 to 13:30	39	1	1	41	41	2	0	43	49	1	1	0	2	0	53	49	0	2	1	3	0	55	84	108
13:30 to 13:45	51	4	0	55	66	2	1	69	54	0	4	0	4	0	62	78	5	3	0	2	0	88	124	150
13:45 to 14:00	49	3	1	53	52	1	1	54	57	6	3	1	2	0	69	57	3	1	0	2	1	64	107	133
14:00 to 14:15	64	1	0	65	50	2	0	52	74	0	1	0	3	0	78	65	0	3	0	2	1	71	117	149
14:15 to 14:30	42	4	1	47	65	3	1	69	48	2	7	0	4	0	61	79	5	5	1	8	0	98	116	159
14:30 to 14:45	49	2	0	51	61	2	1	64	51	0	2	0	1	0	54	72	3	2	0	3	1	81	115	135
14:45 to 15:00	56	4	2	62	64	7	1	72	72	2	7	0	2	0	83	75	2	8	0	1	0	86	134	169
15:00 to 15:15	80	3	1	84	78	4	1	83	112	13	7	1	9	0	142	98	1	6	0	7	0	112	167	254
15:15 to 15:30	89	0	1	90	76	4	0	80	135	8	0	0	16	3	162	109	0	9	0	3	0	121	170	283
15:30 to 15:45	64	0	2	66	76	1	4	81	88	2	0	0	9	0	99	92	11	3	0	2	0	108	147	207
15:45 to 16:00	92	2	3	97	69	1	1	71	138	8	2	0	11	0	159	88	2	1	0	2	0	93	168	252
16:00 to 16:15	79	2	3	84	78	2	7	87	110	4	3	0	25	1	143	119	7	2	0	5	2	135	171	278
16:15 to 16:30	65	1	2	68	84	1	1	86	84	13	1	0	8	0	106	117	1	1	0	6	1	126	154	232
16:30 to 16:45	79	0	1	80	67	1	1	69	109	8	0	0	9	0	126	94	4	1	0	5	0	104	149	230
16:45 to 17:00	91	2	1	94	72	3	1	76	132	1	2	3	13	2	153	98	3	4	0	2	0	107	170	260
17:00 to 17:15	98	1	1	100	60	2	2	64	133	1	2	0	9	1	146	86	1	2	0	6	0	95	164	241
17:15 to 17:30	95	1	2	98	75	0	0	75	114	9	2	1	7	0	133	97	0	0	0	15	0	112	173	245
17:30 to 17:45	112	0	0	112	66	0	2	68	121	0	0	1	2	0	124	80	3	0	1	6	0	90	180	214
17:45 to 18:00	113	0	2	115	75	2	0	77	129	7	0	0	4	0	140	89	0	4	0	6	0	99	192	239
18:00 to 18:15	75	0	0	75	79	0	2	81	86	0	0	0	6	0	92	97	2	0	0	3	0	102	156	194
18:15 to 18:30	92	0	4	96	82	1	3	86	101	9	0	0	5	0	115	113	3	1	0	8	0	125	182	240
18:30 to 18:45	96	0	0	96	55	0	1	56	107	0	0	0	5	0	112	69	1	0	0	2	0	72	152	184
18:45 to 19:00	69	0	1	70	66	1	1	68	75	3	0	0	2	0	80	78	0	1	0	3	0	82	138	162
TOTAL	3166	88	54	3308	3495	101	58	3654	3822	152	127	16	350	7	4474	4464	281	140	19	314	7	5225	6962	9699

Table 3.18 LDR2 - Survey Results – hourly data

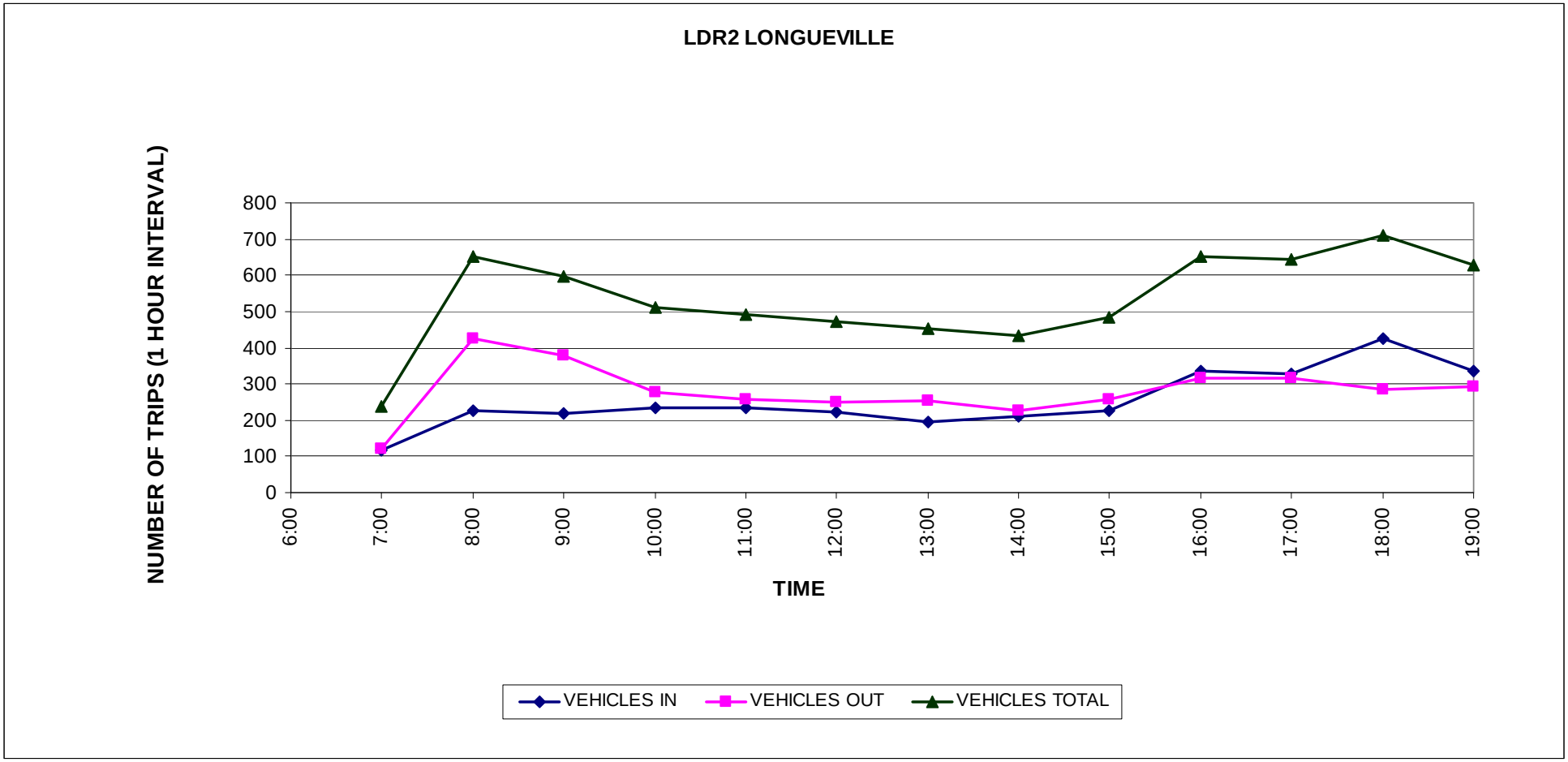
DATE 28 May 2010	LDR2 Longueville																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	109	6	3	118	118	1	2	121	119	1	7	3	51	0	181	143	13	1	2	57	0	216	239	397
6:15 to 7:15	149	5	5	159	183	3	4	190	166	2	6	2	55	0	231	230	29	3	3	58	0	323	349	554
6:30 to 7:30	185	8	7	200	253	3	6	262	216	10	11	2	48	0	287	322	26	3	3	48	0	402	462	689
6:45 to 7:45	205	9	9	223	359	2	9	370	242	16	15	3	36	0	312	473	85	2	4	50	0	614	593	926
7:00 to 8:00	208	9	9	226	408	7	10	425	251	17	16	1	26	0	311	553	102	8	3	47	0	713	651	1024
7:15 to 8:15	199	11	8	218	439	7	9	455	249	18	20	1	20	0	308	621	102	10	2	40	0	775	673	1083
7:30 to 8:30	200	10	7	217	433	7	7	447	243	12	18	1	17	0	291	632	102	10	1	36	0	781	664	1072
7:45 to 8:45	206	9	4	219	396	10	5	411	249	6	14	0	23	0	292	593	64	14	3	32	0	706	630	998
8:00 to 9:00	208	7	4	219	367	9	3	379	245	9	11	1	24	0	290	538	41	15	3	30	0	627	598	917
8:15 to 9:15	231	4	4	239	331	9	4	344	262	7	6	1	29	0	305	465	38	14	4	28	0	549	583	854
8:30 to 9:30	244	3	2	249	305	11	3	319	277	5	4	1	31	0	318	412	34	16	4	42	0	508	568	826
8:45 to 9:45	231	5	3	239	277	9	3	289	262	10	6	2	30	0	310	352	21	13	4	43	0	433	528	743
9:00 to 10:00	224	7	2	233	268	7	3	278	254	5	9	1	31	0	300	338	21	9	5	45	0	418	511	718
9:15 to 10:15	219	11	2	232	248	8	2	258	248	8	15	1	26	0	298	305	10	11	4	42	0	372	490	670
9:30 to 10:30	210	10	2	222	235	9	2	246	233	8	14	1	20	0	276	277	10	12	4	29	1	333	468	609
9:45 to 10:45	223	8	3	234	248	9	2	259	242	10	12	0	26	0	290	288	17	12	2	22	1	342	493	632
10:00 to 11:00	222	9	3	234	241	12	3	256	244	10	14	2	27	0	297	274	27	18	1	18	1	339	490	636
10:15 to 11:15	209	7	2	218	240	9	3	252	226	7	12	2	26	0	273	267	35	13	1	17	1	334	470	607
10:30 to 11:30	193	7	2	202	253	12	3	268	214	7	12	2	24	0	259	287	35	20	2	13	0	357	470	616
10:45 to 11:45	191	8	1	200	238	16	3	257	217	5	15	2	15	0	254	273	25	24	1	9	0	332	457	586
11:00 to 12:00	209	10	2	221	236	12	3	251	234	7	17	0	12	0	270	270	16	16	1	11	0	314	472	584
11:15 to 12:15	215	8	2	225	244	13	2	259	253	7	13	0	13	0	286	281	6	17	1	8	0	313	484	599
11:30 to 12:30	216	8	2	226	242	10	2	254	254	7	13	0	16	0	290	277	6	11	0	7	0	301	480	591
11:45 to 12:45	204	10	2	216	256	7	2	265	244	3	12	0	17	0	276	288	3	8	0	7	0	306	481	582
12:00 to 13:00	188	7	2	197	244	8	2	254	225	6	7	0	17	0	255	278	4	10	0	3	0	295	451	550
12:15 to 13:15	194	9	2	205	241	10	2	253	227	6	9	1	17	0	260	283	4	13	1	4	0	305	458	565
12:30 to 13:30	186	10	3	199	222	9	2	233	221	7	10	1	15	0	254	265	4	11	2	7	0	289	432	543
12:45 to 13:45	196	9	2	207	210	9	2	221	224	6	9	1	14	0	254	254	7	12	2	8	0	283	428	537
13:00 to 14:00	198	10	2	210	215	8	2	225	231	7	10	2	12	0	262	255	8	10	2	8	1	284	435	546
13:15 to 14:15	203	9	2	214	209	7	2	218	234	7	9	1	11	0	262	249	8	9	1	9	2	278	432	540
13:30 to 14:30	206	12	2	220	233	8	3	244	233	8	15	1	13	0	270	279	13	12	1	14	2	321	464	591
13:45 to 14:45	204	10	2	216	228	8	3	239	230	8	13	1	10	0	262	273	11	11	1	15	3	314	455	576
14:00 to 15:00	211	11	3	225	240	14	3	257	245	4	17	0	10	0	276	291	10	18	1	14	2	336	482	612
14:15 to 15:15	227	13	4	244	268	16	4	288	283	17	23	1	16	0	340	324	11	21	1	19	1	377	532	717
14:30 to 15:30	274	9	4	287	279	17	3	299	370	23	16	1	28	3	441	354	6	25	0	14	1	400	586	841
14:45 to 15:45	289	7	6	302	294	16	6	316	407	25	14	1	36	3	486	374	14	26	0	13	0	427	618	913
15:00 to 16:00	325	5	7	337	299	10	6	315	473	31	9	1	45	3	562	387	14	19	0	14	0	434	652	996
15:15 to 16:15	324	4	9	337	299	8	12	319	471	22	5	0	61	4	563	408	20	15	0	12	2	457	656	1020
15:30 to 16:30	300	5	10	315	307	5	13	325	420	27	6	0	53	1	507	416	21	7	0	15	3	462	640	969
15:45 to 16:45	315	5	9	329	298	5	10	313	441	33	6	0	53	1	534	418	14	5	0	18	3	458	642	992
16:00 to 17:00	314	5	7	326	301	7	10	318	435	26	6	3	55	3	528	428	15	8	0	18	3	472	644	1000
16:15 to 17:15	333	4	5	342	283	7	5	295	458	23	5	3	39	3	531	395	9	8	0	19	1	432	637	963
16:30 to 17:30	363	4	5	372	274	6	4	284	488	19	6	4	38	3	558	375	8	7	0	28	0	418	656	976
16:45 to 17:45	396	4	4	404	273	5	5	283	500	11	6	5	31	3	556	361	7	6	1	29	0	404	687	960
17:00 to 18:00	418	2	5	425	276	4	4	284	497	17	4	2	22	1	543	352	4	6	1	33	0	396	709	939
17:15 to 18:15	395	1	4	400	295	2	4	301	450	16	2	2	19	0	489	363	5	4	1	30	0	403	701	892
17:30 to 18:30	392	0	6	398	302	3	7	312	437	16	0	1	17	0	471	379	8	5	1	23	0	416	710	887
17:45 to 18:45	376	0	6	382	291	3	6	300	423	16	0	0	20	0	459	368	6	5	0	19	0	398	682	857
18:00 to 19:00	332	0	5	337	282	2	7	291	369	12	0	0	18	0	399	357	6	2	0	16	0	381	628	780

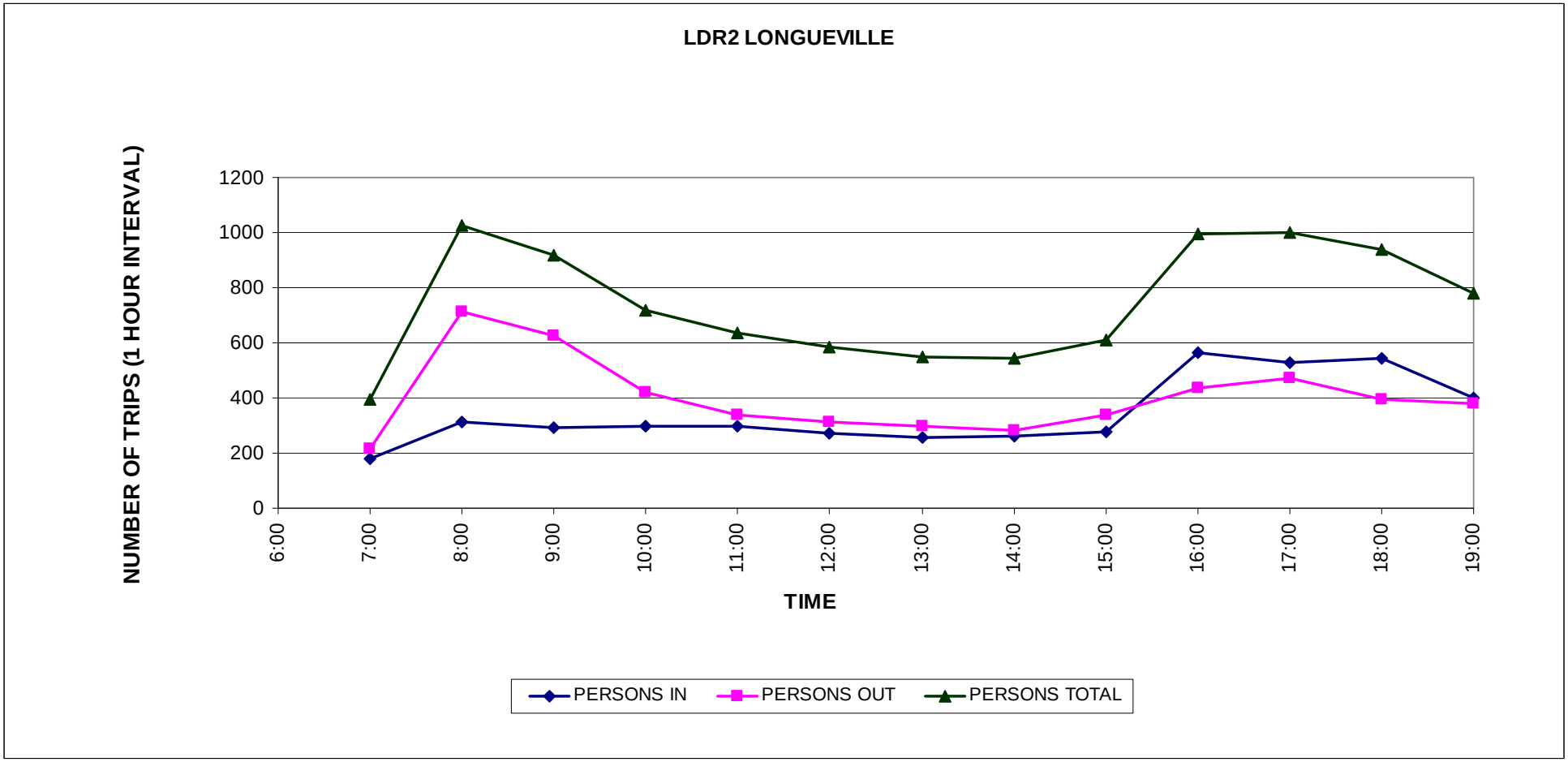
Table 3.19 LDR2 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:15	to	8:15	199	11	8	218	439	7	9	455	249	18	20	1	20	0	308	621	102	10	2	40	0	775
PM																								
17:30	to	18:30	392	0	6	398	302	3	7	312	437	16	0	1	17	0	471	379	8	5	1	23	0	416

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:15	to	8:15	199	11	8	218	439	7	9	455	249	18	20	1	20	0	308	621	102	10	2	40	0	775
PM																								
15:15	to	16:15	324	4	9	337	299	8	12	319	471	22	5	0	61	4	563	408	20	15	0	12	2	457

DATE 28 May 2010			LDR2 Longueville																						Grandtotal	
1-hour Data			Vehicles								Persons														1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT								
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	109	6	3	118	118	1	2	121	119	1	7	3	51	0	181	143	13	1	2	57	0	216	239	397
7:00	to	8:00	208	9	9	226	408	7	10	425	251	17	16	1	26	0	311	553	102	8	3	47	0	713	651	1024
8:00	to	9:00	208	7	4	219	367	9	3	379	245	9	11	1	24	0	290	538	41	15	3	30	0	627	598	917
9:00	to	10:00	224	7	2	233	268	7	3	278	254	5	9	1	31	0	300	338	21	9	5	45	0	418	511	718
10:00	to	11:00	222	9	3	234	241	12	3	256	244	10	14	2	27	0	297	274	27	18	1	18	1	339	490	636
11:00	to	12:00	209	10	2	221	236	12	3	251	234	7	17	0	12	0	270	270	16	16	1	11	0	314	472	584
12:00	to	13:00	188	7	2	197	244	8	2	254	225	6	7	0	17	0	255	278	4	10	0	3	0	295	451	550
13:00	to	14:00	198	10	2	210	215	8	2	225	231	7	10	2	12	0	262	255	8	10	2	8	1	284	435	546
14:00	to	15:00	211	11	3	225	240	14	3	257	245	4	17	0	10	0	276	291	10	18	1	14	2	336	482	612
15:00	to	16:00	325	5	7	337	299	10	6	315	473	31	9	1	45	3	562	387	14	19	0	14	0	434	652	996
16:00	to	17:00	314	5	7	326	301	7	10	318	435	26	6	3	55	3	528	428	15	8	0	18	3	472	644	1000
17:00	to	18:00	418	2	5	425	276	4	4	284	497	17	4	2	22	1	543	352	4	6	1	33	0	396	709	939
18:00	to	19:00	332	0	5	337	282	2	7	291	369	12	0	0	18	0	399	357	6	2	0	16	0	381	628	780
Total			3166	88	54	3308	3495	101	58	3654	3822	152	127	16	350	7	4474	4464	281	140	19	314	7	5225	6962	9699


LDR2 LONGUEVILLE
NUMBER OF TRIPS (1 HOUR INTERVAL)
800
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR2 LONGUEVILLE
NUMBER OF TRIPS (1 HOUR INTERVAL)
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.3 LDR3 North Epping

Table 3.20 LDR3 - Survey Results – 15 mins data

DATE 28 April 2010	LDR3 NORTH EPPING																						Grandtotal	
15 minute Data	Vehicles								Persons															
WEATHER Fine	IN				OUT				IN							OUT							15 minute Data	
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	2	0	1	3	29	0	1	30	2	1	0	1	3	0	7	33	10	0	0	4	0	47	33	54
6:15 to 6:30	15	1	0	16	58	1	0	59	18	0	1	1	2	0	22	71	0	1	0	5	0	77	75	99
6:30 to 6:45	16	2	1	19	59	1	0	60	19	1	2	0	2	0	24	70	0	1	3	1	0	75	79	99
6:45 to 7:00	36	3	0	39	70	0	1	71	48	0	3	0	4	0	55	80	5	0	2	7	0	94	110	149
7:00 to 7:15	34	1	1	36	119	1	0	120	39	1	2	0	4	0	46	149	0	1	0	4	0	154	156	200
7:15 to 7:30	42	1	2	45	133	0	1	134	45	6	2	0	4	0	57	196	20	0	1	1	0	218	179	275
7:30 to 7:45	47	1	1	49	161	1	2	164	59	2	1	1	4	0	67	233	16	1	1	4	0	255	213	322
7:45 to 8:00	49	1	2	52	166	3	1	170	61	2	1	0	3	0	67	261	30	3	3	1	0	298	222	365
8:00 to 8:15	56	1	1	58	172	0	3	175	63	1	2	2	4	0	72	252	75	0	5	2	0	334	233	406
8:15 to 8:30	48	2	0	50	154	3	0	157	52	0	2	0	1	0	55	234	0	3	1	4	0	242	207	297
8:30 to 8:45	47	1	1	49	128	2	0	130	71	1	1	0	5	0	78	160	0	2	0	5	0	167	179	245
8:45 to 9:00	65	0	0	65	126	2	1	129	89	0	0	1	4	0	94	163	20	2	1	3	0	189	194	283
9:00 to 9:15	49	0	1	50	124	0	1	125	65	1	0	0	3	0	69	148	10	0	2	2	0	162	175	231
9:15 to 9:30	44	0	1	45	89	0	0	89	58	2	0	0	2	0	62	104	0	0	0	5	0	109	134	171
9:30 to 9:45	51	1	0	52	83	0	1	84	61	0	1	0	2	0	64	104	5	0	0	2	0	111	136	175
9:45 to 10:00	40	3	0	43	61	1	0	62	47	0	6	0	3	0	56	79	0	1	1	3	0	84	105	140
10:00 to 10:15	51	3	0	54	86	5	0	91	65	0	4	0	5	0	74	113	0	8	1	2	0	124	145	198
10:15 to 10:30	47	0	1	48	71	0	0	71	61	2	0	0	4	0	67	87	0	0	0	2	0	89	119	156
10:30 to 10:45	48	4	0	52	61	2	1	64	56	0	6	1	1	0	64	71	5	6	1	5	0	88	116	152
10:45 to 11:00	51	3	0	54	61	4	0	65	65	0	5	0	2	0	72	82	0	11	0	2	0	95	119	167
11:00 to 11:15	63	1	0	64	67	2	0	69	73	0	2	1	2	0	78	76	0	6	0	3	0	85	133	163
11:15 to 11:30	51	1	1	53	75	0	0	75	56	3	1	0	1	0	61	89	0	0	0	2	0	91	128	152
11:30 to 11:45	49	2	0	51	56	2	1	59	64	0	2	0	1	0	67	72	16	5	0	2	0	95	110	162
11:45 to 12:00	55	0	0	55	62	3	0	65	70	0	0	1	1	0	72	77	0	7	1	3	0	88	120	160
12:00 to 12:15	51	1	0	52	58	1	0	59	60	0	1	0	2	0	63	74	0	1	1	3	0	79	111	142
12:15 to 12:30	68	4	1	73	57	1	0	58	88	10	7	0	7	0	112	72	0	2	0	5	0	79	131	191
12:30 to 12:45	70	0	0	70	47	1	1	49	81	0	0	0	3	0	84	52	10	1	0	1	0	64	119	148
12:45 to 13:00	64	1	0	65	54	2	0	56	75	0	1	2	30	0	108	63	0	3	0	2	0	68	121	176
13:00 to 13:15	76	2	1	79	66	2	0	68	97	15	4	1	3	0	120	78	0	5	0	3	0	86	147	206
13:15 to 13:30	43	1	0	44	40	2	0	42	53	0	2	0	1	0	56	45	0	5	1	0	0	51	86	107
13:30 to 13:45	58	1	0	59	45	0	1	46	70	0	1	0	4	0	75	49	0	0	0	0	0	49	105	124
13:45 to 14:00	55	1	0	56	43	2	0	45	59	0	1	1	2	0	63	46	0	3	4	1	0	54	101	117
14:00 to 14:15	49	2	0	51	49	2	0	51	66	0	3	2	5	0	76	57	0	2	0	10	0	69	102	145
14:15 to 14:30	75	2	1	78	55	1	1	57	108	20	2	1	1	0	132	69	1	1	0	14	0	85	135	217
14:30 to 14:45	54	0	0	54	77	1	0	78	71	0	0	0	2	0	73	95	0	2	0	0	0	97	132	170
14:45 to 15:00	92	2	0	94	53	0	0	53	124	0	2	1	3	0	130	60	0	0	0	0	0	60	147	190
15:00 to 15:15	92	3	1	96	65	5	0	70	121	10	3	0	2	0	136	88	0	5	1	2	0	96	166	232
15:15 to 15:30	87	0	1	88	87	3	1	91	125	25	0	0	8	0	158	155	2	4	2	15	0	178	179	336
15:30 to 15:45	92	0	1	93	76	0	1	77	152	35	0	1	13	0	201	121	5	0	0	0	0	126	170	327
15:45 to 16:00	86	3	2	91	45	0	2	47	108	60	3	0	17	0	188	76	3	0	2	5	0	86	138	274
16:00 to 16:15	145	1	2	148	79	0	1	80	210	35	1	0	9	0	255	108	6	0	0	2	0	116	228	371
16:15 to 16:30	100	1	0	101	55	1	2	58	151	0	2	2	8	0	163	74	5	1	0	4	0	84	159	247
16:30 to 16:45	115	1	1	117	59	0	0	59	168	15	3	2	5	0	193	80	0	0	0	5	0	85	176	278
16:45 to 17:00	121	0	1	122	55	0	0	55	162	10	0	2	6	0	180	78	0	0	0	6	0	84	177	264
17:00 to 17:15	123	0	1	124	63	0	2	65	155	15	0	0	12	0	182	93	2	0	1	1	1	98	189	280
17:15 to 17:30	135	1	0	136	67	2	0	69	177	0	1	2	11	0	191	86	0	4	0	8	0	98	205	289
17:30 to 17:45	130	0	2	132	76	1	1	78	137	35	0	2	12	0	186	92	1	1	4	7	0	105	210	291
17:45 to 18:00	122	0	0	122	68	0	2	70	143	0	0	2	7	0	152	75	2	0	2	6	0	85	192	237
18:00 to 18:15	123	0	1	124	71	0	0	71	146	10	0	1	17	0	174	91	0	0	0	8	0	99	195	273
18:15 to 18:30	121	0	0	121	61	0	1	62	164	0	0	1	7	0	172	85	2	0	0	7	0	94	183	266
18:30 to 18:45	126	0	1	127	88	0	0	88	157	20	0	2	12	0	191	124	0	0	0	9	0	133	215	324
18:45 to 19:00	109	0	0	109	67	0	1	68	129	0	0	3	7	0	139	91	1	0	0	2	0	94	177	233
TOTAL	3638	59	31	3728	3997	60	31	4088	4664	338	81	37	283	0	5403	5281	252	98	41	200	1	5873	7816	11276

Table 3.21 LDR3 - Survey Results – hourly data

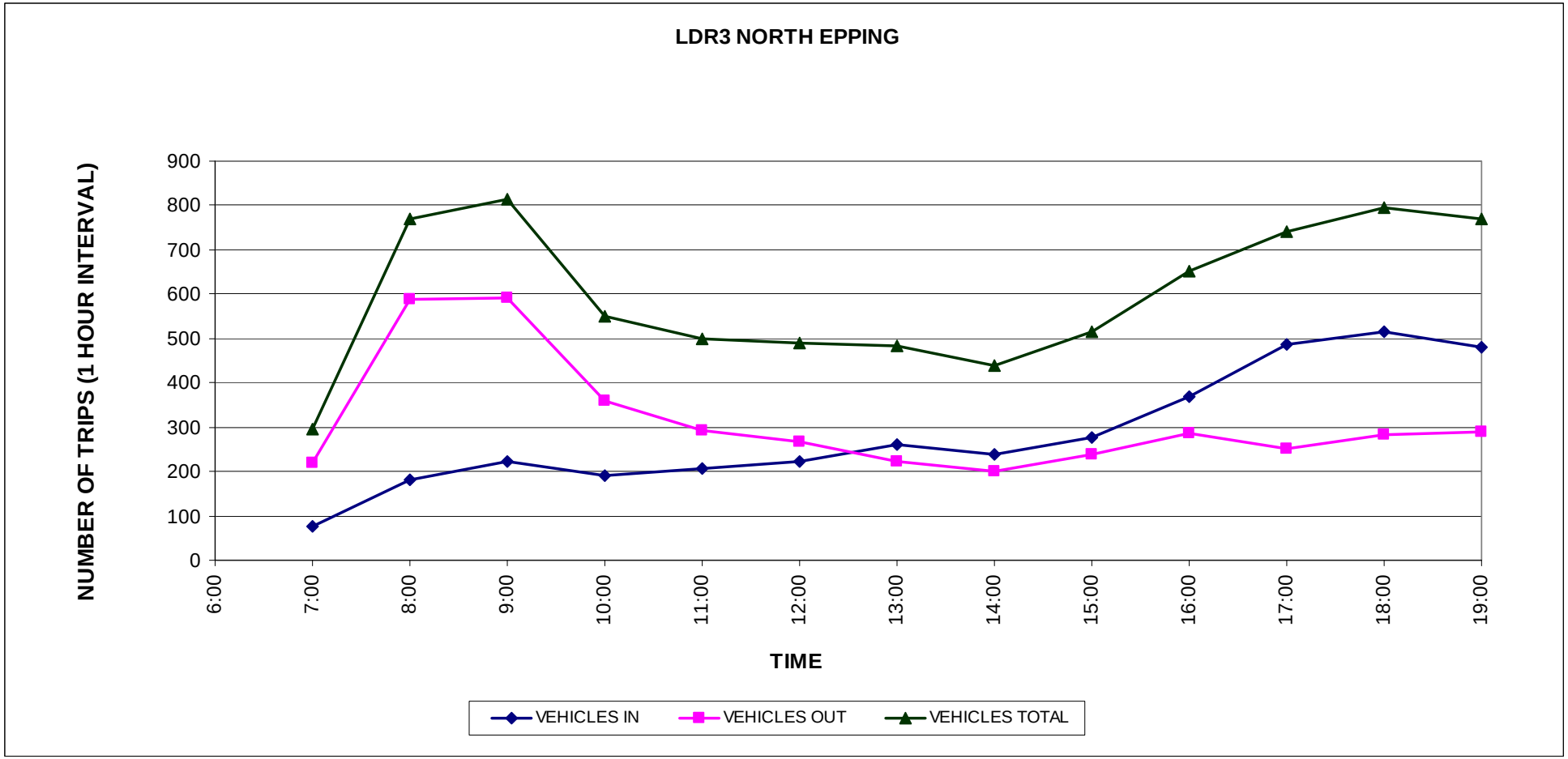
DATE 28 April 2010	LDR3 NORTH EPPING																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	69	6	2	77	216	2	2	220	87	2	6	2	11	0	108	254	15	2	5	17	0	293	297	401
6:15 to 7:15	101	7	2	110	306	3	1	310	124	2	8	1	12	0	147	370	5	3	5	17	0	400	420	547
6:30 to 7:30	128	7	4	139	381	2	2	385	151	8	9	0	14	0	182	495	25	2	6	13	0	541	524	723
6:45 to 7:45	159	6	4	169	483	2	4	489	191	9	8	1	16	0	225	658	41	2	4	16	0	721	658	946
7:00 to 8:00	172	4	6	182	579	5	4	588	204	11	6	1	15	0	237	839	66	5	5	10	0	925	770	1162
7:15 to 8:15	194	4	6	204	632	4	7	643	228	11	6	3	15	0	263	942	141	4	10	8	0	1105	847	1368
7:30 to 8:30	200	5	4	209	653	7	6	666	235	5	6	3	12	0	261	980	121	7	10	11	0	1129	875	1390
7:45 to 8:45	200	5	4	209	620	8	4	632	247	4	6	2	13	0	272	907	105	8	9	12	0	1041	841	1313
8:00 to 9:00	216	4	2	222	580	7	4	591	275	2	5	3	14	0	299	809	95	7	7	14	0	932	813	1231
8:15 to 9:15	209	3	2	214	532	7	2	541	277	2	3	1	13	0	296	705	30	7	4	14	0	760	755	1056
8:30 to 9:30	205	1	3	209	467	4	2	473	283	4	1	1	14	0	303	575	30	4	3	15	0	627	682	930
8:45 to 9:45	209	1	2	212	422	2	3	427	273	3	1	1	11	0	289	519	35	2	3	12	0	571	639	860
9:00 to 10:00	184	4	2	190	357	1	2	360	231	3	7	0	10	0	251	435	15	1	3	12	0	466	550	717
9:15 to 10:15	186	7	1	194	319	6	1	326	231	2	11	0	12	0	256	400	5	9	2	12	0	428	520	684
9:30 to 10:30	189	7	1	197	301	6	1	308	234	2	11	0	14	0	261	383	5	9	2	9	0	408	505	669
9:45 to 10:45	186	10	1	197	279	8	1	288	229	2	16	1	13	0	261	350	5	15	3	12	0	385	485	646
10:00 to 11:00	197	10	1	208	279	11	1	291	247	2	15	1	12	0	277	353	5	25	2	11	0	396	499	673
10:15 to 11:15	209	8	1	218	260	8	1	269	255	2	13	2	9	0	281	316	5	23	1	12	0	357	487	638
10:30 to 11:30	213	9	1	223	264	8	1	273	250	3	14	2	6	0	275	318	5	23	1	12	0	359	496	634
10:45 to 11:45	214	7	1	222	259	8	1	268	258	3	10	1	6	0	278	319	16	22	0	9	0	366	490	644
11:00 to 12:00	218	4	1	223	260	7	1	268	263	3	5	2	5	0	278	314	16	18	1	10	0	359	491	637
11:15 to 12:15	206	4	1	211	251	6	1	258	250	3	4	1	5	0	263	312	16	13	2	10	0	353	469	616
11:30 to 12:30	223	7	1	231	233	7	1	241	282	10	10	1	11	0	314	295	16	15	2	13	0	341	472	655
11:45 to 12:45	244	5	1	250	224	6	1	231	299	10	8	1	13	0	331	275	10	11	2	12	0	310	481	641
12:00 to 13:00	253	6	1	260	216	5	1	222	304	10	9	2	42	0	367	261	10	7	1	11	0	290	482	657
12:15 to 13:15	278	7	2	287	224	6	1	231	341	25	12	3	43	0	424	265	10	11	0	11	0	297	518	721
12:30 to 13:30	253	4	1	258	207	7	1	215	306	15	7	3	37	0	368	238	10	14	1	6	0	269	473	637
12:45 to 13:45	241	5	1	247	205	6	1	212	295	15	8	3	38	0	359	235	0	13	1	5	0	254	459	613
13:00 to 14:00	232	5	1	238	194	6	1	201	279	15	8	2	10	0	314	218	0	13	5	4	0	240	439	554
13:15 to 14:15	205	5	0	210	177	6	1	184	248	0	7	3	12	0	270	197	0	10	5	11	0	223	394	493
13:30 to 14:30	237	6	1	244	192	5	2	199	303	20	7	4	12	0	346	221	1	6	4	25	0	257	443	603
13:45 to 14:45	233	5	1	239	224	6	1	231	304	20	6	4	10	0	344	267	1	8	4	25	0	305	470	649
14:00 to 15:00	270	6	1	277	234	4	1	239	369	20	7	4	11	0	411	281	1	5	0	24	0	311	516	722
14:15 to 15:15	313	7	2	322	250	7	1	258	424	30	7	2	8	0	471	312	1	8	1	16	0	338	580	809
14:30 to 15:30	325	5	2	332	282	9	1	292	441	35	5	1	15	0	497	398	2	11	3	17	0	431	624	928
14:45 to 15:45	363	5	3	371	281	8	2	291	522	70	5	2	26	0	625	424	7	9	3	17	0	460	662	1085
15:00 to 16:00	357	6	5	368	273	8	4	285	506	130	6	1	40	0	683	440	10	9	5	22	0	486	653	1169
15:15 to 16:15	410	4	6	420	287	3	5	295	595	155	4	1	47	0	802	460	16	4	4	22	0	506	715	1308
15:30 to 16:30	423	5	5	433	255	1	6	262	621	130	6	3	47	0	807	379	19	1	2	11	0	412	695	1219
15:45 to 16:45	446	6	5	457	238	1	5	244	637	110	9	4	39	0	799	338	14	1	2	16	0	371	701	1170
16:00 to 17:00	481	3	4	488	248	1	3	252	691	60	6	6	28	0	791	340	11	1	0	17	0	369	740	1160
16:15 to 17:15	459	2	3	464	232	1	4	237	636	40	5	6	31	0	718	325	7	1	1	16	1	351	701	1069
16:30 to 17:30	494	2	3	499	244	2	2	248	662	40	4	6	34	0	746	337	2	4	1	20	1	365	747	1111
16:45 to 17:45	509	1	4	514	261	3	3	267	631	60	1	6	41	0	739	349	3	5	5	22	1	385	781	1124
17:00 to 18:00	510	1	3	514	274	3	5	282	612	50	1	6	42	0	711	346	5	5	7	22	1	386	796	1097
17:15 to 18:15	510	1	3	514	282	3	3	288	603	45	1	7	47	0	703	344	3	5	6	29	0	387	802	1090
17:30 to 18:30	496	0	3	499	276	1	4	281	590	45	0	6	43	0	684	343	5	1	6	28	0	383	780	1067
17:45 to 18:45	492	0	2	494	288	0	3	291	610	30	0	6	43	0	689	375	4	0	2	30	0	411	785	1100
18:00 to 19:00	479	0	2	481	287	0	2	289	596	30	0	7	43	0	676	391	3	0	0	26	0	420	770	1096

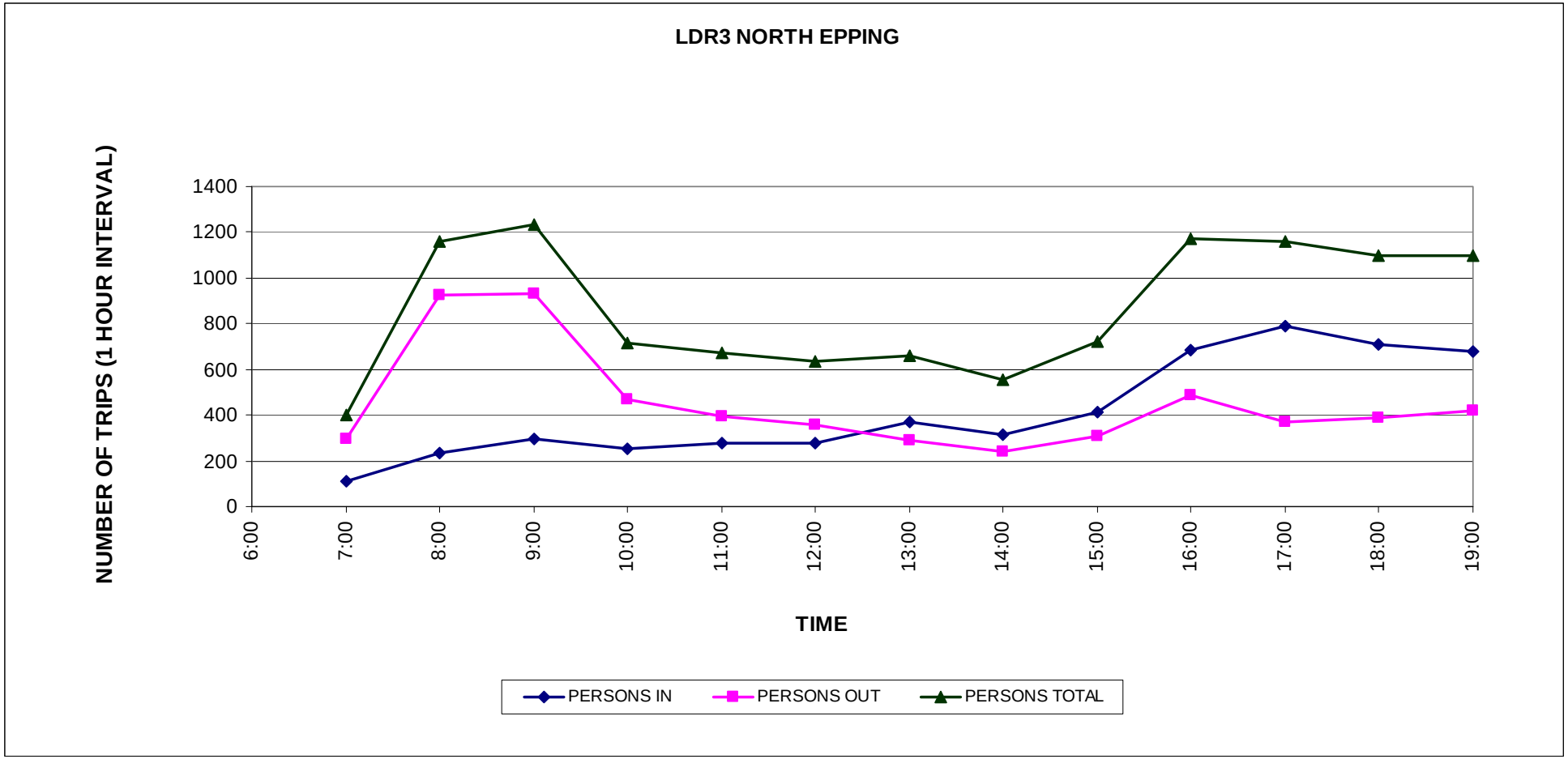
Table 3.22 LDR3 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:30	to	8:30	200	5	4	209	653	7	6	666	235	5	6	3	12	0	261	980	121	7	10	11	0	1129
PM																								
17:15	to	18:15	510	1	3	514	282	3	3	288	603	45	1	7	47	0	703	344	3	5	6	29	0	387

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:30	to	8:30	200	5	4	209	653	7	6	666	235	5	6	3	12	0	261	980	121	7	10	11	0	1129
PM																								
15:15	to	16:15	410	4	6	420	287	3	5	295	595	155	4	1	47	0	802	460	16	4	4	22	0	506

DATE 28 April 2010			LDR3 NORTH EPPING																						Grandtotal	
1-hour Data			Vehicles								Persons														1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT								
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	69	6	2	77	216	2	2	220	87	2	6	2	11	0	108	254	15	2	5	17	0	293	297	401
7:00	to	8:00	172	4	6	182	579	5	4	588	204	11	6	1	15	0	237	839	66	5	5	10	0	925	770	1162
8:00	to	9:00	216	4	2	222	580	7	4	591	275	2	5	3	14	0	299	809	95	7	7	14	0	932	813	1231
9:00	to	10:00	184	4	2	190	357	1	2	360	231	3	7	0	10	0	251	435	15	1	3	12	0	466	550	717
10:00	to	11:00	197	10	1	208	279	11	1	291	247	2	15	1	12	0	277	353	5	25	2	11	0	396	499	673
11:00	to	12:00	218	4	1	223	260	7	1	268	263	3	5	2	5	0	278	314	16	18	1	10	0	359	491	637
12:00	to	13:00	253	6	1	260	216	5	1	222	304	10	9	2	42	0	367	261	10	7	1	11	0	290	482	657
13:00	to	14:00	232	5	1	238	194	6	1	201	279	15	8	2	10	0	314	218	0	13	5	4	0	240	439	554
14:00	to	15:00	270	6	1	277	234	4	1	239	369	20	7	4	11	0	411	281	1	5	0	24	0	311	516	722
15:00	to	16:00	357	6	5	368	273	8	4	285	506	130	6	1	40	0	683	440	10	9	5	22	0	486	653	1169
16:00	to	17:00	481	3	4	488	248	1	3	252	691	60	6	6	28	0	791	340	11	1	0	17	0	369	740	1160
17:00	to	18:00	510	1	3	514	274	3	5	282	612	50	1	6	42	0	711	346	5	5	7	22	1	386	796	1097
18:00	to	19:00	479	0	2	481	287	0	2	289	596	30	0	7	43	0	676	391	3	0	0	26	0	420	770	1096
Total			3638	59	31	3728	3997	60	31	4088	4664	338	81	37	283	0	5403	5281	252	98	41	200	1	5873	7816	11276


LDR3 NORTH EPPING
NUMBER OF TRIPS (1 HOUR INTERVAL)
900
800
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR3 NORTH EPPING
NUMBER OF TRIPS (1 HOUR INTERVAL)
1400
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.4 LDR4 Werrington Downs

Table 3.23 LDR4 - Survey Results – 15 mins data

DATE 4 May 2010	LDR4 Werrington Downs																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	19	1	1	21	47	2	0	49	20	1	1	0	3	0	25	50	0	2	0	4	0	56	70	81
6:15 to 6:30	19	1	1	21	63	2	2	67	20	4	1	0	4	0	29	67	2	2	0	0	0	71	88	100
6:30 to 6:45	30	0	1	31	85	0	0	85	31	10	0	0	7	0	48	87	0	0	2	6	0	95	116	143
6:45 to 7:00	25	0	2	27	62	3	3	68	25	3	0	0	1	0	29	64	5	4	1	1	0	75	95	104
7:00 to 7:15	26	0	1	27	59	0	0	59	30	7	0	3	2	0	42	65	0	0	1	7	0	73	86	115
7:15 to 7:30	36	0	3	39	74	2	3	79	41	0	0	0	2	0	43	81	0	3	2	4	0	90	118	133
7:30 to 7:45	32	1	4	37	97	2	2	101	38	41	1	1	10	0	91	115	1	2	1	6	0	125	138	216
7:45 to 8:00	45	0	5	50	101	0	4	105	61	29	0	0	1	0	91	129	0	0	2	11	0	142	155	233
8:00 to 8:15	46	0	2	48	106	0	2	108	58	0	0	3	1	1	63	150	59	0	2	5	0	216	156	279
8:15 to 8:30	58	0	1	59	112	0	2	114	85	10	0	1	1	0	97	165	8	0	3	2	0	178	173	275
8:30 to 8:45	57	3	2	62	84	0	1	85	74	16	6	1	6	0	103	108	1	0	1	13	0	123	147	226
8:45 to 9:00	67	1	3	71	96	3	3	102	82	15	1	1	2	0	101	130	8	6	0	19	2	165	173	266
9:00 to 9:15	63	1	1	65	84	2	2	88	78	7	1	2	10	0	98	106	27	3	0	13	0	149	153	247
9:15 to 9:30	43	3	1	47	53	1	2	56	57	12	3	0	14	0	86	64	18	1	0	4	0	87	103	173
9:30 to 9:45	35	0	0	35	43	2	0	45	44	0	0	0	9	0	53	55	0	3	0	1	0	59	80	112
9:45 to 10:00	33	0	0	33	62	0	0	62	41	0	0	0	2	0	43	76	0	0	0	2	0	78	95	121
10:00 to 10:15	35	2	1	38	39	0	1	40	43	0	2	0	1	0	46	45	4	0	0	2	0	51	78	97
10:15 to 10:30	25	1	1	27	31	0	1	32	32	0	1	0	0	0	33	35	5	0	0	1	0	41	59	74
10:30 to 10:45	42	1	0	43	44	1	0	45	49	0	1	0	2	0	52	49	0	1	0	1	0	51	88	103
10:45 to 11:00	33	2	0	35	32	3	0	35	42	0	3	1	3	0	49	42	0	4	1	2	0	49	70	98
11:00 to 11:15	30	0	0	30	41	1	1	43	42	0	0	0	2	0	44	54	7	1	0	0	0	62	73	106
11:15 to 11:30	45	0	1	46	39	0	1	40	62	1	0	0	1	0	64	56	2	0	0	0	0	58	86	122
11:30 to 11:45	42	1	0	43	44	0	0	44	57	0	1	0	1	0	59	54	0	0	0	0	0	54	87	113
11:45 to 12:00	46	0	0	46	31	1	0	32	60	0	0	0	0	0	60	43	0	2	1	0	0	46	78	106
12:00 to 12:15	53	0	1	54	43	1	1	45	72	3	0	0	2	0	77	50	4	1	1	0	0	56	99	133
12:15 to 12:30	45	0	1	46	47	0	1	48	67	2	0	0	3	0	72	62	1	0	0	2	0	65	94	137
12:30 to 12:45	44	1	0	45	36	1	0	37	58	0	1	0	2	0	61	47	0	1	0	4	0	52	82	113
12:45 to 13:00	34	1	0	35	31	0	0	31	42	0	2	0	2	0	46	40	0	0	2	1	0	43	66	89
13:00 to 13:15	46	2	2	50	37	2	1	40	61	0	4	1	2	0	68	43	0	2	0	1	0	46	90	114
13:15 to 13:30	27	0	0	27	37	1	2	40	32	0	0	0	1	0	33	56	1	2	0	1	0	60	67	93
13:30 to 13:45	58	1	0	59	44	1	0	45	74	0	1	0	3	0	78	50	0	1	0	0	0	51	104	129
13:45 to 14:00	51	5	0	56	37	2	0	39	68	0	13	0	3	0	84	49	0	2	0	3	0	54	95	138
14:00 to 14:15	42	3	1	46	51	0	1	52	54	0	6	0	3	0	63	60	5	0	0	6	0	71	98	134
14:15 to 14:30	64	0	1	65	69	1	1	71	74	0	0	0	6	0	80	81	6	1	0	0	0	88	136	168
14:30 to 14:45	64	0	0	64	76	0	0	76	84	0	0	0	2	0	86	88	0	0	0	4	0	92	140	178
14:45 to 15:00	69	0	1	70	79	1	0	80	94	35	0	1	10	0	140	103	0	1	0	10	0	114	150	254
15:00 to 15:15	103	0	3	106	58	0	3	61	153	18	0	4	8	0	183	75	0	0	3	11	0	89	167	272
15:15 to 15:30	104	1	4	109	60	1	6	67	168	18	1	3	44	0	234	89	34	1	2	0	0	126	176	360
15:30 to 15:45	89	1	1	91	72	0	2	74	125	6	1	2	8	0	142	93	0	0	1	2	0	96	165	238
15:45 to 16:00	92	2	5	99	67	0	2	69	120	31	3	0	4	0	158	88	0	0	0	0	0	88	168	246
16:00 to 16:15	110	2	2	114	73	0	4	77	138	6	3	1	5	0	153	93	9	0	0	11	0	113	191	266
16:15 to 16:30	107	0	2	109	110	0	1	111	150	5	0	1	6	0	162	154	1	0	0	1	0	156	220	318
16:30 to 16:45	121	1	2	124	74	0	2	76	155	10	1	2	8	0	176	99	0	0	2	12	0	113	200	289
16:45 to 17:00	136	1	1	138	83	1	1	85	180	0	2	1	8	0	191	116	2	1	0	3	0	122	223	313
17:00 to 17:15	143	2	0	145	89	2	0	91	182	0	2	0	13	0	197	122	0	3	0	6	0	131	236	328
17:15 to 17:30	130	0	2	132	112	3	2	117	163	2	0	3	7	0	175	162	6	4	3	6	0	181	249	356
17:30 to 17:45	135	3	1	139	79	0	1	80	167	1	3	3	3	0	177	100	1	0	0	7	0	108	219	285
17:45 to 18:00	139	0	1	140	87	0	1	88	162	15	0	0	12	0	189	111	0	0	0	4	0	115	228	304
18:00 to 18:15	110	0	1	111	68	0	1	69	125	1	0	0	7	0	133	84	1	0	0	3	0	88	180	221
18:15 to 18:30	99	0	2	101	77	0	2	79	115	9	0	0	2	0	126	88	5	0	0	7	0	100	180	226
18:30 to 18:45	95	0	0	95	90	0	0	90	117	0	0	1	0	0	118	114	0	0	0	3	0	117	185	235
18:45 to 19:00	68	0	2	70	69	0	2	71	77	3	0	1	6	0	87	82	2	0	0	2	0	86	141	173
TOTAL	3310	44	67	3421	3384	42	67	3493	4249	321	65	37	265	1	4938	4289	225	54	31	214	2	4815	6914	9753

Table 3.24 LDR4 - Survey Results – hourly data

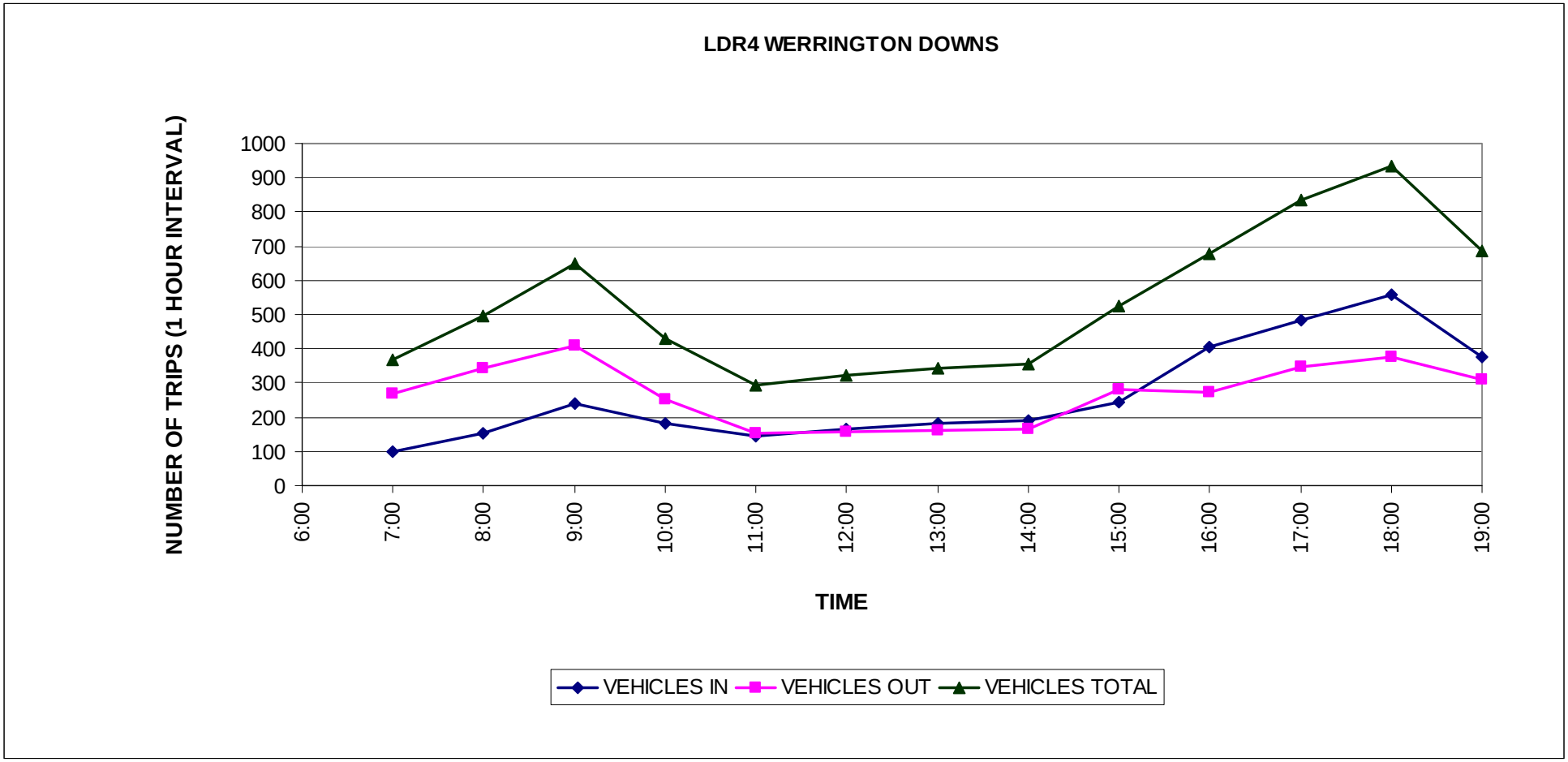
DATE 4 May 2010	LDR4 Werrington Downs																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	93	2	5	100	257	7	5	269	96	18	2	0	15	0	131	268	7	8	3	11	0	297	369	428
6:15 to 7:15	100	1	5	106	269	5	5	279	106	24	1	3	14	0	148	283	7	6	4	14	0	314	385	462
6:30 to 7:30	117	0	7	124	280	5	6	291	127	20	0	3	12	0	162	297	5	7	6	18	0	333	415	495
6:45 to 7:45	119	1	10	130	292	7	8	307	134	51	1	4	15	0	205	325	6	9	5	18	0	363	437	568
7:00 to 8:00	139	1	13	153	331	4	9	344	170	77	1	4	15	0	267	390	1	5	6	28	0	430	497	697
7:15 to 8:15	159	1	14	174	378	4	11	393	198	70	1	4	14	1	288	475	60	5	7	26	0	573	567	861
7:30 to 8:30	181	1	12	194	416	2	10	428	242	80	1	5	13	1	342	559	68	2	8	24	0	661	622	1003
7:45 to 8:45	206	3	10	219	403	0	9	412	278	55	6	5	9	1	354	552	68	0	8	31	0	659	631	1013
8:00 to 9:00	228	4	8	240	398	3	8	409	299	41	7	6	10	1	364	553	76	6	6	39	2	682	649	1046
8:15 to 9:15	245	5	7	257	376	5	8	389	319	48	8	5	19	0	399	509	44	9	4	47	2	615	646	1014
8:30 to 9:30	230	8	7	245	317	6	8	331	291	50	11	4	32	0	388	408	54	10	1	49	2	524	576	912
8:45 to 9:45	208	5	5	218	276	8	7	291	261	34	5	3	35	0	338	355	53	13	0	37	2	460	509	798
9:00 to 10:00	174	4	2	180	242	5	4	251	220	19	4	2	35	0	280	301	45	7	0	20	0	373	431	653
9:15 to 10:15	146	5	2	153	197	3	3	203	185	12	5	0	26	0	228	240	22	4	0	9	0	275	356	503
9:30 to 10:30	128	3	2	133	175	2	2	179	160	0	3	0	12	0	175	211	9	3	0	6	0	229	312	404
9:45 to 10:45	135	4	2	141	176	1	2	179	165	0	4	0	5	0	174	205	9	1	0	6	0	221	320	395
10:00 to 11:00	135	6	2	143	146	4	2	152	166	0	7	1	6	0	180	171	9	5	1	6	0	192	295	372
10:15 to 11:15	130	4	1	135	148	5	2	155	165	0	5	1	7	0	178	180	12	6	1	4	0	203	290	381
10:30 to 11:30	150	3	1	154	156	5	2	163	195	1	4	1	8	0	209	201	9	6	1	3	0	220	317	429
10:45 to 11:45	150	3	1	154	156	4	2	162	203	1	4	1	7	0	216	206	9	5	1	2	0	223	316	439
11:00 to 12:00	163	1	1	165	155	2	2	159	221	1	1	0	4	0	227	207	9	3	1	0	0	220	324	447
11:15 to 12:15	186	1	2	189	157	2	2	161	251	4	1	0	4	0	260	203	6	3	2	0	0	214	350	474
11:30 to 12:30	186	1	2	189	165	2	2	169	256	5	1	0	6	0	268	209	5	3	2	2	0	221	358	489
11:45 to 12:45	188	1	2	191	157	3	2	162	257	5	1	0	7	0	270	202	5	4	2	6	0	219	353	489
12:00 to 13:00	176	2	2	180	157	2	2	161	239	5	3	0	9	0	256	199	5	2	3	7	0	216	341	472
12:15 to 13:15	169	4	3	176	151	3	2	156	228	2	7	1	9	0	247	192	1	3	2	8	0	206	332	453
12:30 to 13:30	151	4	2	157	141	4	3	148	193	0	7	1	7	0	208	186	1	5	2	7	0	201	305	409
12:45 to 13:45	165	4	2	171	149	4	3	156	209	0	7	1	8	0	225	189	1	5	2	3	0	200	327	425
13:00 to 14:00	182	8	2	192	155	6	3	164	235	0	18	1	9	0	263	198	1	7	0	5	0	211	356	474
13:15 to 14:15	178	9	1	188	169	4	3	176	228	0	20	0	10	0	258	215	6	5	0	10	0	236	364	494
13:30 to 14:30	215	9	2	226	201	4	2	207	270	0	20	0	15	0	305	240	11	4	0	9	0	264	433	569
13:45 to 14:45	221	8	2	231	233	3	2	238	280	0	19	0	14	0	313	278	11	3	0	13	0	305	469	618
14:00 to 15:00	239	3	3	245	275	2	2	279	306	35	6	1	21	0	369	332	11	2	0	20	0	365	524	734
14:15 to 15:15	300	0	5	305	282	2	4	288	405	53	0	5	26	0	489	347	6	2	3	25	0	383	593	872
14:30 to 15:30	340	1	8	349	273	2	9	284	499	71	1	8	64	0	643	355	34	2	5	25	0	421	633	1064
14:45 to 15:45	365	2	9	376	269	2	11	282	540	77	2	10	70	0	699	360	34	2	6	23	0	425	658	1124
15:00 to 16:00	388	4	13	405	257	1	13	271	566	73	5	9	64	0	717	345	34	1	6	13	0	399	676	1116
15:15 to 16:15	395	6	12	413	272	1	14	287	551	61	8	6	61	0	687	363	43	1	3	13	0	423	700	1110
15:30 to 16:30	398	5	10	413	322	0	9	331	533	48	7	4	23	0	615	428	10	0	1	14	0	453	744	1068
15:45 to 16:45	430	5	11	446	324	0	9	333	563	52	7	4	23	0	649	434	10	0	2	24	0	470	779	1119
16:00 to 17:00	474	4	7	485	340	1	8	349	623	21	6	5	27	0	682	462	12	1	2	27	0	504	834	1186
16:15 to 17:15	507	4	5	516	356	3	4	363	667	15	5	4	35	0	726	491	3	4	2	22	0	522	879	1248
16:30 to 17:30	530	4	5	539	358	6	5	369	680	12	5	6	36	0	739	499	8	8	5	27	0	547	908	1286
16:45 to 17:45	544	6	4	554	363	6	4	373	692	3	7	7	31	0	740	500	9	8	3	22	0	542	927	1282
17:00 to 18:00	547	5	4	556	367	5	4	376	674	18	5	6	35	0	738	495	7	7	3	23	0	535	932	1273
17:15 to 18:15	514	3	5	522	346	3	5	354	617	19	3	6	29	0	674	457	8	4	3	20	0	492	876	1166
17:30 to 18:30	483	3	5	491	311	0	5	316	569	26	3	3	24	0	625	383	7	0	0	21	0	411	807	1036
17:45 to 18:45	443	0	4	447	322	0	4	326	519	25	0	1	21	0	566	397	6	0	0	17	0	420	773	986
18:00 to 19:00	372	0	5	377	304	0	5	309	434	13	0	2	15	0	464	368	8	0	0	15	0	391	686	855

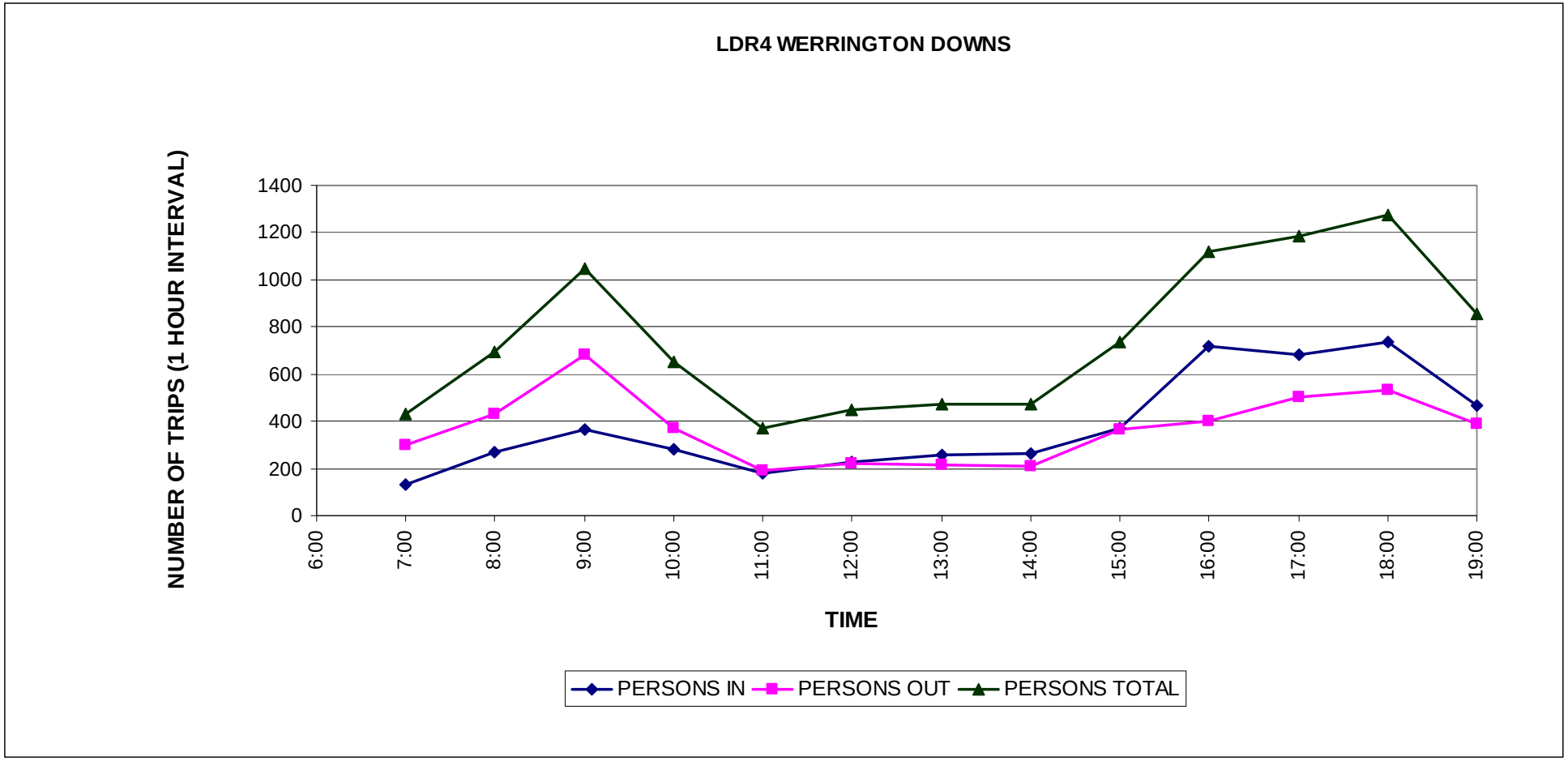
Table 3.25 LDR4 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	228	4	8	240	398	3	8	409	299	41	7	6	10	1	364	553	76	6	6	39	2	682
PM																								
17:00	to	18:00	547	5	4	556	367	5	4	376	674	18	5	6	35	0	738	495	7	7	3	23	0	535

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	228	4	8	240	398	3	8	409	299	41	7	6	10	1	364	553	76	6	6	39	2	682
PM																								
16:30	to	17:30	530	4	5	539	358	6	5	369	680	12	5	6	36	0	739	499	8	8	5	27	0	547

DATE 4 May 2010			LDR4 Werrington Downs																							Grandtotal	
1-hour Data			Vehicles								Persons															1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT									
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	93	2	5	100	257	7	5	269	96	18	2	0	15	0	131	268	7	8	3	11	0	297	369	428
7:00	to	8:00	139	1	13	153	331	4	9	344	170	77	1	4	15	0	267	390	1	5	6	28	0	430	497	697
8:00	to	9:00	228	4	8	240	398	3	8	409	299	41	7	6	10	1	364	553	76	6	6	39	2	682	649	1046
9:00	to	10:00	174	4	2	180	242	5	4	251	220	19	4	2	35	0	280	301	45	7	0	20	0	373	431	653
10:00	to	11:00	135	6	2	143	146	4	2	152	166	0	7	1	6	0	180	171	9	5	1	6	0	192	295	372
11:00	to	12:00	163	1	1	165	155	2	2	159	221	1	1	0	4	0	227	207	9	3	1	0	0	220	324	447
12:00	to	13:00	176	2	2	180	157	2	2	161	239	5	3	0	9	0	256	199	5	2	3	7	0	216	341	472
13:00	to	14:00	182	8	2	192	155	6	3	164	235	0	18	1	9	0	263	198	1	7	0	5	0	211	356	474
14:00	to	15:00	239	3	3	245	275	2	2	279	306	35	6	1	21	0	369	332	11	2	0	20	0	365	524	734
15:00	to	16:00	388	4	13	405	257	1	13	271	566	73	5	9	64	0	717	345	34	1	6	13	0	399	676	1116
16:00	to	17:00	474	4	7	485	340	1	8	349	623	21	6	5	27	0	682	462	12	1	2	27	0	504	834	1186
17:00	to	18:00	547	5	4	556	367	5	4	376	674	18	5	6	35	0	738	495	7	7	3	23	0	535	932	1273
18:00	to	19:00	372	0	5	377	304	0	5	309	434	13	0	2	15	0	464	368	8	0	0	15	0	391	686	855
Total			3310	44	67	3421	3384	42	67	3493	4249	321	65	37	265	1	4938	4289	225	54	31	214	2	4815	6914	9753


LDR4 WERRINGTON DOWNS
NUMBER OF TRIPS (1 HOUR INTERVAL)
1000
900
800
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR4 WERRINGTON DOWNS
NUMBER OF TRIPS (1 HOUR INTERVAL)
1400
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.5 LDR5 West Hoxton

Table 3.26 LDR5 - Survey Results – 15 mins data

DATE 6 May 2010	LDR5 WEST HOXTON																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	16	2	0	18	78	0	3	81	18	0	2	0	1	0	21	91	9	0	0	3	0	103	99	124
6:15 to 6:30	22	0	4	26	95	4	2	101	26	0	0	0	2	0	28	104	2	6	0	3	0	115	127	143
6:30 to 6:45	32	4	1	37	123	5	2	130	37	0	8	1	2	0	48	144	0	8	2	0	0	154	167	202
6:45 to 7:00	41	6	3	50	115	6	3	124	55	0	10	0	5	0	70	139	7	9	0	1	0	156	174	226
7:00 to 7:15	23	4	3	30	135	6	3	144	23	0	7	0	1	0	31	170	10	8	0	1	0	189	174	220
7:15 to 7:30	19	2	1	22	109	1	2	112	22	0	3	0	2	0	27	154	20	1	4	2	0	181	134	208
7:30 to 7:45	55	1	4	60	187	1	2	190	58	0	1	4	1	0	64	269	81	2	1	9	0	362	250	426
7:45 to 8:00	71	1	7	79	199	4	5	208	76	8	1	0	0	0	85	325	14	5	0	15	0	359	287	444
8:00 to 8:15	70	2	4	76	306	3	9	318	70	0	2	0	4	0	76	592	80	3	0	36	0	711	394	787
8:15 to 8:30	199	2	4	205	382	1	5	388	205	0	2	0	3	0	210	768	30	1	0	13	0	812	593	1022
8:30 to 8:45	152	0	2	154	140	1	3	144	155	0	0	1	9	0	165	289	16	1	0	15	0	321	298	486
8:45 to 9:00	221	4	1	226	109	2	3	114	267	1	9	0	15	0	292	161	48	2	0	9	0	220	340	512
9:00 to 9:15	91	3	1	95	177	0	1	178	100	0	5	0	2	0	107	226	8	0	0	8	0	242	273	349
9:15 to 9:30	68	3	1	72	121	3	3	127	76	1	4	0	2	0	83	163	13	3	0	2	0	181	199	264
9:30 to 9:45	74	5	0	79	98	11	0	109	87	0	10	0	0	0	97	139	0	23	0	1	0	163	188	260
9:45 to 10:00	78	4	0	82	112	4	0	116	96	0	5	0	2	0	103	148	0	6	0	0	0	154	198	257
10:00 to 10:15	61	2	1	64	105	0	1	106	71	3	2	0	0	0	76	140	3	0	0	5	0	148	170	224
10:15 to 10:30	56	3	1	60	78	5	1	84	71	1	5	1	0	0	78	105	1	8	0	2	0	116	144	194
10:30 to 10:45	61	6	0	67	71	2	0	73	72	0	7	0	8	0	87	105	0	4	0	1	0	110	140	197
10:45 to 11:00	56	4	0	60	83	5	1	89	67	0	4	0	2	0	73	115	8	7	0	0	0	130	149	203
11:00 to 11:15	60	3	1	64	67	6	0	73	73	4	4	1	5	0	87	92	0	8	1	0	0	101	137	188
11:15 to 11:30	61	1	1	63	80	2	2	84	76	2	2	0	1	0	81	103	13	4	0	1	0	121	147	202
11:30 to 11:45	63	5	0	68	64	4	0	68	80	0	7	0	0	0	87	83	0	5	0	2	0	90	136	177
11:45 to 12:00	48	2	0	50	56	1	0	57	59	0	3	0	1	0	63	74	0	1	0	1	0	76	107	139
12:00 to 12:15	60	3	1	64	72	2	0	74	74	2	3	0	1	0	80	92	0	3	0	0	0	95	138	175
12:15 to 12:30	57	5	1	63	55	4	2	61	64	5	7	0	3	0	79	68	18	4	0	1	0	91	124	170
12:30 to 12:45	100	2	0	102	54	3	0	57	122	0	2	0	5	0	129	71	0	3	0	9	0	83	159	212
12:45 to 13:00	68	3	0	71	72	0	0	72	84	0	4	0	4	0	92	100	0	0	0	0	0	100	143	192
13:00 to 13:15	47	1	0	48	42	1	0	43	56	0	1	0	7	0	64	57	0	1	1	1	0	60	91	124
13:15 to 13:30	69	1	2	72	81	3	2	86	94	11	1	0	7	0	113	112	6	3	0	0	0	121	158	234
13:30 to 13:45	68	1	0	69	85	1	0	86	83	0	1	0	0	0	84	104	0	1	0	2	0	107	155	191
13:45 to 14:00	85	1	0	86	81	1	0	82	109	0	2	0	2	0	113	100	0	2	0	2	0	104	168	217
14:00 to 14:15	105	5	1	111	81	3	1	85	133	1	7	1	4	0	146	103	1	5	0	2	0	111	196	257
14:15 to 14:30	133	2	2	137	91	1	2	94	156	2	3	0	5	0	166	113	3	2	0	5	0	123	231	289
14:30 to 14:45	126	8	0	134	115	1	1	117	142	0	8	0	11	0	161	148	1	1	0	1	0	151	251	312
14:45 to 15:00	267	0	6	273	130	1	5	136	389	43	0	0	60	0	492	168	8	1	0	0	0	177	409	669
15:00 to 15:15	149	1	4	154	215	1	5	221	335	0	2	0	64	0	401	400	9	1	0	28	0	438	375	839
15:15 to 15:30	206	5	4	215	117	1	4	122	353	65	6	0	4	0	428	236	14	2	0	21	0	273	337	701
15:30 to 15:45	156	3	3	162	115	2	3	120	237	0	7	0	9	0	253	185	9	2	0	8	0	204	282	457
15:45 to 16:00	137	1	1	139	101	1	1	103	198	10	1	2	8	0	219	171	10	1	2	8	0	192	242	411
16:00 to 16:15	141	1	3	145	101	0	3	104	210	24	1	0	10	0	245	143	8	0	0	8	0	159	249	404
16:15 to 16:30	142	4	1	147	82	2	0	84	198	0	4	0	4	0	206	104	0	2	0	5	0	111	231	317
16:30 to 16:45	138	6	1	145	116	3	1	120	156	3	6	3	9	0	177	181	1	4	1	5	4	196	265	373
16:45 to 17:00	181	2	2	185	127	0	2	129	245	4	2	0	14	2	267	192	0	0	0	5	0	197	314	464
17:00 to 17:15	177	1	2	180	175	1	2	178	229	10	1	0	2	0	242	295	0	2	2	9	0	308	358	550
17:15 to 17:30	158	2	2	162	105	2	2	109	208	5	2	0	6	0	221	126	0	3	1	7	0	137	271	358
17:30 to 17:45	205	2	4	211	122	1	2	125	253	13	2	2	9	0	279	162	1	1	0	6	0	170	336	449
17:45 to 18:00	177	0	1	178	126	0	2	128	197	6	0	0	0	4	207	164	2	0	0	2	0	168	306	375
18:00 to 18:15	176	0	0	176	107	2	1	110	203	0	0	0	11	0	214	143	1	3	1	1	0	149	286	363
18:15 to 18:30	144	2	2	148	115	1	1	117	167	6	2	0	3	0	178	163	1	1	0	3	0	168	265	346
18:30 to 18:45	152	4	2	158	155	0	2	157	181	0	5	0	3	0	189	205	6	0	0	0	0	211	315	400
18:45 to 19:00	158	0	4	162	136	0	5	141	184	7	0	0	2	0	193	160	5	0	0	7	0	172	303	365
TOTAL	5480	135	89	5704	6064	115	100	6279	7000	237	183	16	335	6	7777	8965	467	163	16	276	4	9891	11983	17668

Table 3.27 LDR5 - Survey Results – hourly data

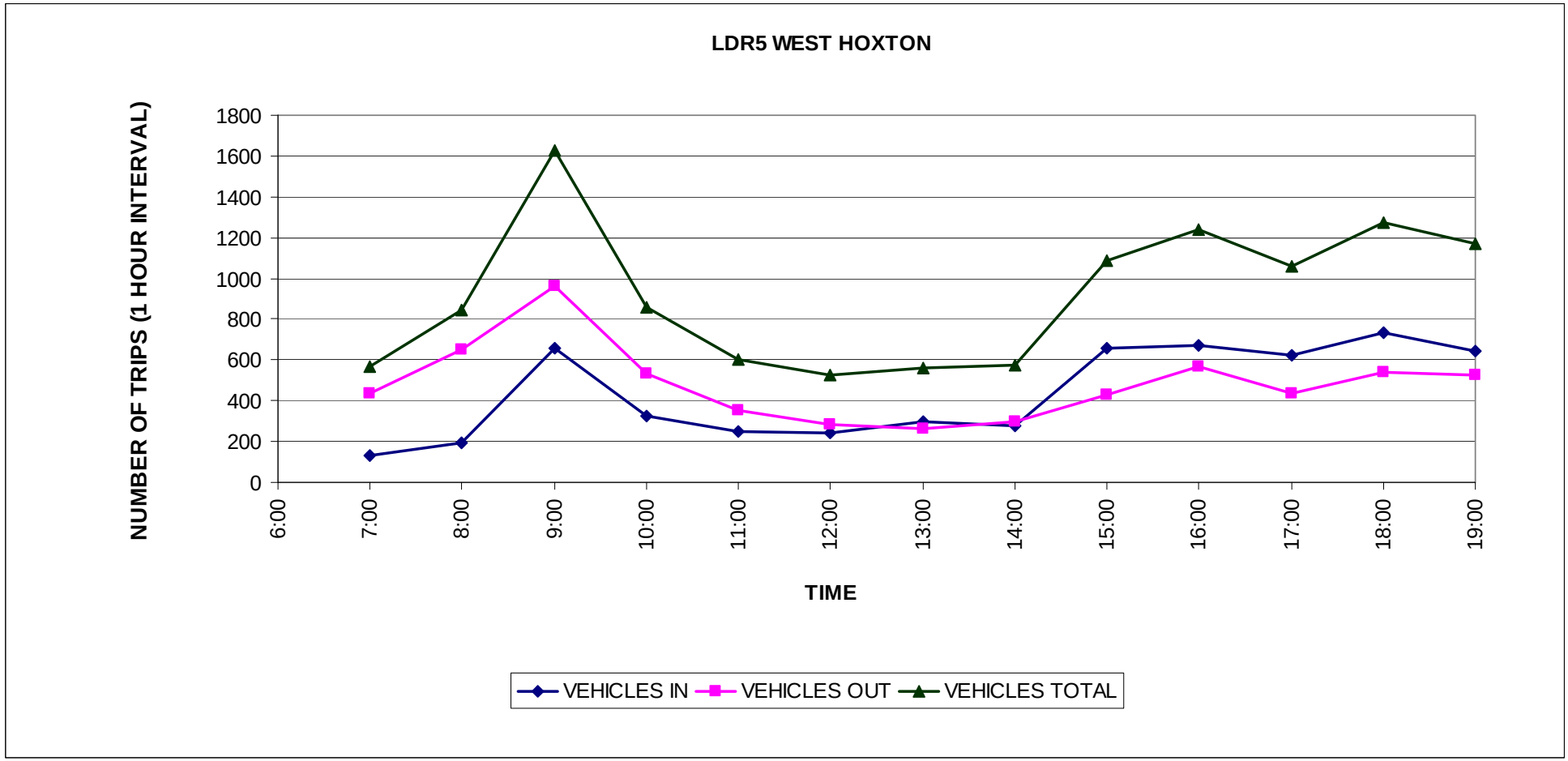
DATE 6 May 2010	LDR5 WEST HOXTON																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	111	12	8	131	411	15	10	436	136	0	20	1	10	0	167	478	18	23	2	7	0	528	567	695
6:15 to 7:15	118	14	11	143	468	21	10	499	141	0	25	1	10	0	177	557	19	31	2	5	0	614	642	791
6:30 to 7:30	115	16	8	139	482	18	10	510	137	0	28	1	10	0	176	607	37	26	6	4	0	680	649	856
6:45 to 7:45	138	13	11	162	546	14	10	570	158	0	21	4	9	0	192	732	118	20	5	13	0	888	732	1080
7:00 to 8:00	168	8	15	191	630	12	12	654	179	8	12	4	4	0	207	918	125	16	5	27	0	1091	845	1298
7:15 to 8:15	215	6	16	237	801	9	18	828	226	8	7	4	7	0	252	1340	195	11	5	62	0	1613	1065	1865
7:30 to 8:30	395	6	19	420	1074	9	21	1104	409	8	6	4	8	0	435	1954	205	11	1	73	0	2244	1524	2679
7:45 to 8:45	492	5	17	514	1027	9	22	1058	506	8	5	1	16	0	536	1974	140	10	0	79	0	2203	1572	2739
8:00 to 9:00	642	8	11	661	937	7	20	964	697	1	13	1	31	0	743	1810	174	7	0	73	0	2064	1625	2807
8:15 to 9:15	663	9	8	680	808	4	12	824	727	1	16	1	29	0	774	1444	102	4	0	45	0	1595	1504	2369
8:30 to 9:30	532	10	5	547	547	6	10	563	598	2	18	1	28	0	647	839	85	6	0	34	0	964	1110	1611
8:45 to 9:45	454	15	3	472	505	16	7	528	530	2	28	0	19	0	579	689	69	28	0	20	0	806	1000	1385
9:00 to 10:00	311	15	2	328	508	18	4	530	359	1	24	0	6	0	390	676	21	32	0	11	0	740	858	1130
9:15 to 10:15	281	14	2	297	436	18	4	458	330	4	21	0	4	0	359	590	16	32	0	8	0	646	755	1005
9:30 to 10:30	269	14	2	285	393	20	2	415	325	4	22	1	2	0	354	532	4	37	0	8	0	581	700	935
9:45 to 10:45	256	15	2	273	366	11	2	379	310	4	19	1	10	0	344	498	4	18	0	8	0	528	652	872
10:00 to 11:00	234	15	2	251	337	12	3	352	281	4	18	1	10	0	314	465	12	19	0	8	0	504	603	818
10:15 to 11:15	233	16	2	251	299	18	2	319	283	5	20	2	15	0	325	417	9	27	1	3	0	457	570	782
10:30 to 11:30	238	14	2	254	301	15	3	319	288	6	17	1	16	0	328	415	21	23	1	2	0	462	573	790
10:45 to 11:45	240	13	2	255	294	17	3	314	296	6	17	1	8	0	328	393	21	24	1	3	0	442	569	770
11:00 to 12:00	232	11	2	245	267	13	2	282	288	6	16	1	7	0	318	352	13	18	1	4	0	388	527	706
11:15 to 12:15	232	11	2	245	272	9	2	283	289	4	15	0	3	0	311	352	13	13	0	4	0	382	528	693
11:30 to 12:30	228	15	2	245	247	11	2	260	277	7	20	0	5	0	309	317	18	13	0	4	0	352	505	661
11:45 to 12:45	265	12	2	279	237	10	2	249	319	7	15	0	10	0	351	305	18	11	0	11	0	345	528	696
12:00 to 13:00	285	13	2	300	253	9	2	264	344	7	16	0	13	0	380	331	18	10	0	10	0	369	564	749
12:15 to 13:15	272	11	1	284	223	8	2	233	326	5	14	0	19	0	364	296	18	8	1	11	0	334	517	698
12:30 to 13:30	284	7	2	293	249	7	2	258	356	11	8	0	23	0	398	340	6	7	1	10	0	364	551	762
12:45 to 13:45	252	6	2	260	280	5	2	287	317	11	7	0	18	0	353	373	6	5	1	3	0	388	547	741
13:00 to 14:00	269	4	2	275	289	6	2	297	342	11	5	0	16	0	374	373	6	7	1	5	0	392	572	766
13:15 to 14:15	327	8	3	338	328	8	3	339	419	12	11	1	13	0	456	419	7	11	0	6	0	443	677	899
13:30 to 14:30	391	9	3	403	338	6	3	347	481	3	13	1	11	0	509	420	4	10	0	11	0	445	750	954
13:45 to 14:45	449	16	3	468	368	6	4	378	540	3	20	1	22	0	586	464	5	10	0	10	0	489	846	1075
14:00 to 15:00	631	15	9	655	417	6	9	432	820	46	18	1	80	0	965	532	13	9	0	8	0	562	1087	1527
14:15 to 15:15	675	11	12	698	551	4	13	568	1022	45	13	0	140	0	1220	829	21	5	0	34	0	889	1266	2109
14:30 to 15:30	748	14	14	776	577	4	15	596	1219	108	16	0	139	0	1482	952	32	5	0	50	0	1039	1372	2521
14:45 to 15:45	778	9	17	804	577	5	17	599	1314	108	15	0	137	0	1574	989	40	6	0	57	0	1092	1403	2666
15:00 to 16:00	648	10	12	670	548	5	13	566	1123	75	16	2	85	0	1301	992	42	6	2	65	0	1107	1236	2408
15:15 to 16:15	640	10	11	661	434	4	11	449	998	99	15	2	31	0	1145	735	41	5	2	45	0	828	1110	1973
15:30 to 16:30	576	9	8	593	399	5	7	411	843	34	13	2	31	0	923	603	27	5	2	29	0	666	1004	1589
15:45 to 16:45	558	12	6	576	400	6	5	411	762	37	12	5	31	0	847	599	19	7	3	26	4	658	987	1505
16:00 to 17:00	602	13	7	622	426	5	6	437	809	31	13	3	37	2	895	620	9	6	1	23	4	663	1059	1558
16:15 to 17:15	638	13	6	657	500	6	5	511	828	17	13	3	29	2	892	772	1	8	3	24	4	812	1168	1704
16:30 to 17:30	654	11	7	672	523	6	7	536	838	22	11	3	31	2	907	794	1	9	4	26	4	838	1208	1745
16:45 to 17:45	721	7	10	738	529	4	8	541	935	32	7	2	31	2	1009	775	1	6	3	27	0	812	1279	1821
17:00 to 18:00	717	5	9	731	528	4	8	540	887	34	5	2	17	4	949	747	3	6	3	24	0	783	1271	1732
17:15 to 18:15	716	4	7	727	460	5	7	472	861	24	4	2	26	4	921	595	4	7	2	16	0	624	1199	1545
17:30 to 18:30	702	4	7	713	470	4	6	480	820	25	4	2	23	4	878	632	5	5	1	12	0	655	1193	1533
17:45 to 18:45	649	6	5	660	503	3	6	512	748	12	7	0	17	4	788	675	10	4	1	6	0	696	1172	1484
18:00 to 19:00	630	6	8	644	513	3	9	525	735	13	7	0	19	0	774	671	13	4	1	11	0	700	1169	1474

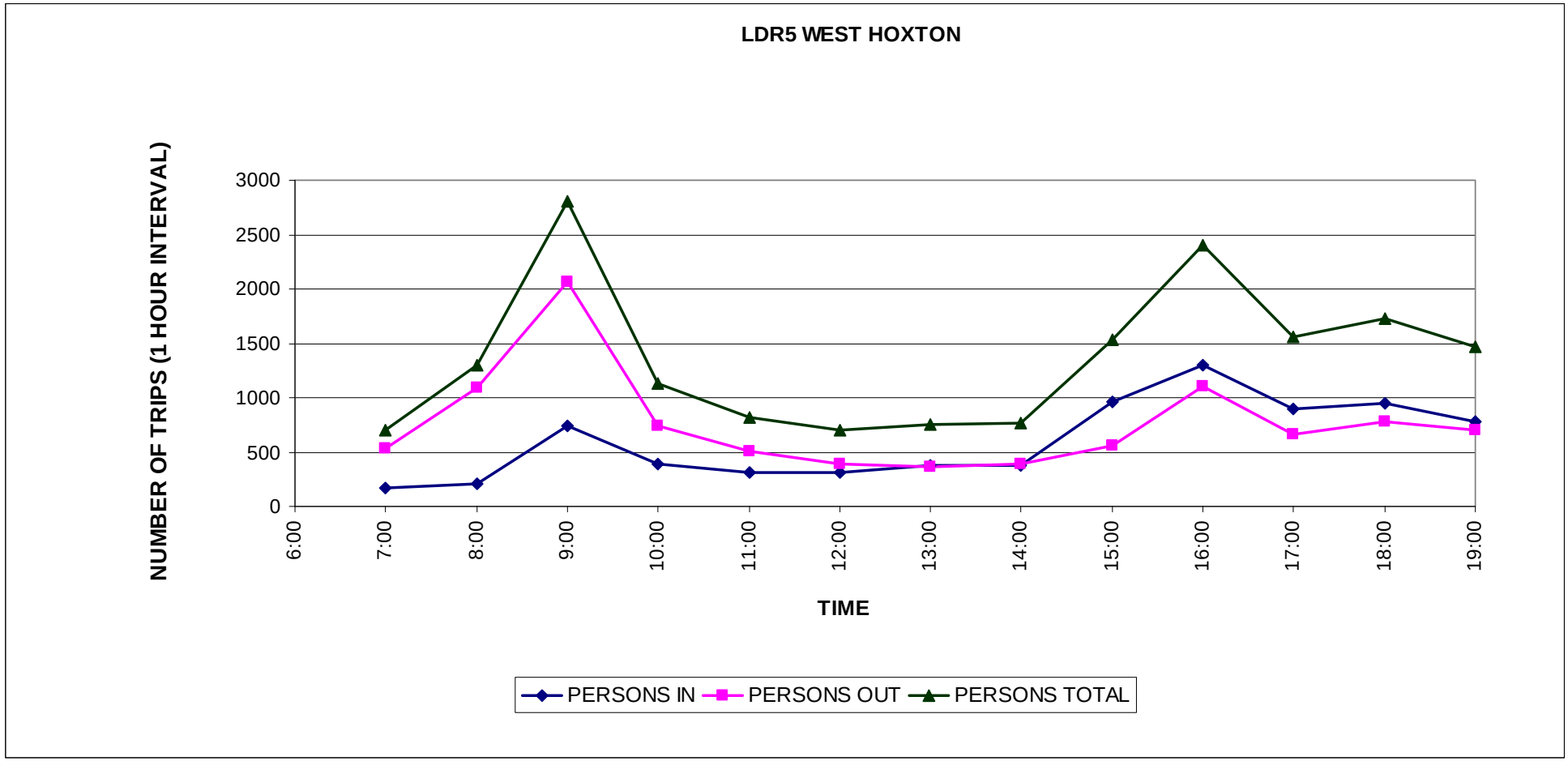
Table 3.28 LDR5 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	642	8	11	661	937	7	20	964	697	1	13	1	31	0	743	1810	174	7	0	73	0	2064
PM																								
14:45	to	15:45	778	9	17	804	577	5	17	599	1314	108	15	0	137	0	1574	989	40	6	0	57	0	1092

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	642	8	11	661	937	7	20	964	697	1	13	1	31	0	743	1810	174	7	0	73	0	2064
PM																								
14:45	to	15:45	778	9	17	804	577	5	17	599	1314	108	15	0	137	0	1574	989	40	6	0	57	0	1092

DATE 6 May 2010			LDR5 WEST HOXTON																						Grandtotal	
1-hour Data			Vehicles								Persons														1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT								
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	111	12	8	131	411	15	10	436	136	0	20	1	10	0	167	478	18	23	2	7	0	528	567	695
7:00	to	8:00	168	8	15	191	630	12	12	654	179	8	12	4	4	0	207	918	125	16	5	27	0	1091	845	1298
8:00	to	9:00	642	8	11	661	937	7	20	964	697	1	13	1	31	0	743	1810	174	7	0	73	0	2064	1625	2807
9:00	to	10:00	311	15	2	328	508	18	4	530	359	1	24	0	6	0	390	676	21	32	0	11	0	740	858	1130
10:00	to	11:00	234	15	2	251	337	12	3	352	281	4	18	1	10	0	314	465	12	19	0	8	0	504	603	818
11:00	to	12:00	232	11	2	245	267	13	2	282	288	6	16	1	7	0	318	352	13	18	1	4	0	388	527	706
12:00	to	13:00	285	13	2	300	253	9	2	264	344	7	16	0	13	0	380	331	18	10	0	10	0	369	564	749
13:00	to	14:00	269	4	2	275	289	6	2	297	342	11	5	0	16	0	374	373	6	7	1	5	0	392	572	766
14:00	to	15:00	631	15	9	655	417	6	9	432	820	46	18	1	80	0	965	532	13	9	0	8	0	562	1087	1527
15:00	to	16:00	648	10	12	670	548	5	13	566	1123	75	16	2	85	0	1301	992	42	6	2	65	0	1107	1236	2408
16:00	to	17:00	602	13	7	622	426	5	6	437	809	31	13	3	37	2	895	620	9	6	1	23	4	663	1059	1558
17:00	to	18:00	717	5	9	731	528	4	8	540	887	34	5	2	17	4	949	747	3	6	3	24	0	783	1271	1732
18:00	to	19:00	630	6	8	644	513	3	9	525	735	13	7	0	19	0	774	671	13	4	1	11	0	700	1169	1474
Total			5480	135	89	5704	6064	115	100	6279	7000	237	183	16	335	6	7777	8965	467	163	16	276	4	9891	11983	17668


LDR5 WEST HOXTON
NUMBER OF TRIPS (1 HOUR INTERVAL)
1800
1600
1400
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR5 WEST HOXTON
NUMBER OF TRIPS (1 HOUR INTERVAL)
3000
2500
2000
1500
1000
500
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.6 LDR6 Westleigh

Table 3.29 LDR6 - Survey Results – 15 mins data

DATE 28 April 2010	LDR6 WESTLEIGH																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	8	1	0	9	57	0	2	59	8	0	2	0	3	0	13	66	7	0	2	2	0	77	68	90
6:15 to 6:30	13	1	2	16	64	0	0	64	13	0	1	0	4	0	18	76	0	0	0	2	0	78	80	96
6:30 to 6:45	9	2	1	12	91	1	2	94	9	0	2	0	6	0	17	101	1	1	0	3	0	106	106	123
6:45 to 7:00	24	0	1	25	129	1	1	131	25	0	0	1	4	0	30	147	3	1	2	1	0	154	156	184
7:00 to 7:15	20	1	1	22	150	1	1	152	22	0	1	1	1	0	25	175	5	1	0	3	0	184	174	209
7:15 to 7:30	34	2	3	39	164	0	1	165	38	1	2	0	3	0	44	208	1	0	0	5	0	214	204	258
7:30 to 7:45	25	2	1	28	182	1	3	186	28	0	2	0	6	0	36	232	35	1	0	5	0	273	214	309
7:45 to 8:00	35	3	1	39	156	2	1	159	38	0	5	0	2	0	45	207	6	2	0	6	0	221	198	266
8:00 to 8:15	31	4	5	40	143	4	3	150	31	10	4	1	4	0	50	183	33	4	0	4	0	224	190	274
8:15 to 8:30	46	0	1	47	125	3	2	130	47	25	0	0	3	0	75	181	20	5	0	3	0	209	177	284
8:30 to 8:45	40	0	0	40	144	1	1	146	46	0	0	0	9	0	55	216	35	1	0	7	0	259	186	314
8:45 to 9:00	65	2	1	68	125	2	0	127	76	1	3	0	4	0	84	162	0	3	2	9	0	176	195	260
9:00 to 9:15	72	2	1	75	132	2	1	135	79	1	2	2	5	0	89	169	8	2	0	0	0	179	210	268
9:15 to 9:30	64	1	0	65	96	1	1	98	70	0	3	0	0	0	73	112	1	1	0	0	0	114	163	187
9:30 to 9:45	59	4	0	63	92	2	0	94	67	0	6	1	3	0	77	120	0	2	0	3	0	125	157	202
9:45 to 10:00	56	0	3	59	96	4	0	100	59	3	0	1	8	0	71	123	0	8	0	1	0	132	159	203
10:00 to 10:15	56	0	1	57	108	1	1	110	63	5	0	0	2	0	70	132	5	1	0	0	0	138	167	208
10:15 to 10:30	55	1	0	56	80	0	1	81	60	0	2	1	2	0	65	108	8	0	0	1	0	117	137	182
10:30 to 10:45	39	1	0	40	93	2	0	95	41	0	1	0	6	0	48	126	0	3	0	0	0	129	135	177
10:45 to 11:00	33	2	0	35	61	3	0	64	36	0	2	0	6	0	44	69	0	6	0	1	0	76	99	120
11:00 to 11:15	56	4	0	60	63	6	1	70	60	0	5	0	2	0	67	75	10	6	2	0	0	93	130	160
11:15 to 11:30	63	3	0	66	69	1	0	70	65	0	4	0	1	0	70	89	0	1	0	1	0	91	136	161
11:30 to 11:45	47	1	0	48	70	3	0	73	50	0	1	0	3	0	54	87	0	3	0	0	0	90	121	144
11:45 to 12:00	55	0	1	56	72	1	0	73	64	4	0	0	0	0	68	93	0	1	0	2	0	96	129	164
12:00 to 12:15	88	3	0	91	77	3	1	81	100	0	3	0	2	0	105	101	3	3	0	0	0	107	172	212
12:15 to 12:30	61	3	0	64	64	3	0	67	67	0	3	0	0	0	70	76	0	3	0	0	0	79	131	149
12:30 to 12:45	67	0	0	67	47	1	0	48	78	0	0	0	2	0	80	55	0	1	1	0	0	57	115	137
12:45 to 13:00	65	1	1	67	79	3	0	82	79	5	1	0	1	0	86	101	0	4	0	0	0	105	149	191
13:00 to 13:15	77	2	0	79	67	0	1	68	89	0	3	0	2	0	94	77	4	0	0	0	0	81	147	175
13:15 to 13:30	68	1	0	69	59	0	0	59	85	0	1	1	0	0	87	74	0	0	0	0	0	74	128	161
13:30 to 13:45	64	2	0	66	62	3	0	65	73	0	3	0	0	0	76	73	0	3	0	0	0	76	131	152
13:45 to 14:00	67	2	1	70	62	3	0	65	80	1	3	0	7	0	91	74	0	6	1	0	0	81	135	172
14:00 to 14:15	58	0	0	58	76	3	1	80	69	0	0	0	4	1	74	92	1	4	0	2	0	99	138	173
14:15 to 14:30	61	2	1	64	72	2	1	75	69	15	2	0	3	0	89	77	5	4	0	2	0	88	139	177
14:30 to 14:45	93	1	0	94	88	0	0	88	115	0	1	0	1	0	117	99	0	0	0	0	0	99	182	216
14:45 to 15:00	91	0	1	92	89	0	0	89	105	2	0	0	4	0	111	109	0	0	0	3	1	113	181	224
15:00 to 15:15	99	3	2	104	99	1	1	101	126	12	6	0	9	0	153	129	3	1	0	25	0	158	205	311
15:15 to 15:30	116	1	1	118	71	4	2	77	144	17	1	0	2	0	164	90	0	12	0	2	0	104	195	268
15:30 to 15:45	116	2	5	123	66	2	2	70	150	30	3	0	12	0	195	88	0	5	6	1	0	100	193	295
15:45 to 16:00	145	2	1	148	88	1	3	92	175	8	2	0	4	0	189	107	1	2	0	2	0	112	240	301
16:00 to 16:15	124	2	1	127	68	2	1	71	153	13	2	2	8	1	179	82	2	2	2	2	0	90	198	269
16:15 to 16:30	92	1	1	94	95	3	0	98	111	2	1	0	4	0	118	121	0	3	0	1	0	125	192	243
16:30 to 16:45	125	1	1	127	86	1	1	88	163	6	1	0	2	0	172	121	0	1	0	1	0	123	215	295
16:45 to 17:00	123	0	2	125	77	0	1	78	150	14	0	1	4	0	169	105	1	0	1	2	0	109	203	278
17:00 to 17:15	167	0	0	167	71	1	3	75	193	0	0	0	15	0	208	96	3	1	0	3	0	103	242	311
17:15 to 17:30	132	1	1	134	82	1	0	83	163	1	1	2	9	0	176	106	0	1	1	2	0	110	217	286
17:30 to 17:45	159	0	1	160	63	0	2	65	193	13	0	0	10	0	216	68	0	0	0	4	0	72	225	288
17:45 to 18:00	156	0	0	156	104	0	0	104	189	0	0	1	5	0	195	122	0	0	0	5	0	127	260	322
18:00 to 18:15	133	1	1	135	67	0	2	69	157	0	1	0	7	0	165	75	2	0	0	8	0	85	204	250
18:15 to 18:30	124	2	1	127	90	0	0	90	142	4	2	0	7	0	155	109	0	0	0	3	0	112	217	267
18:30 to 18:45	133	1	1	135	77	2	2	81	152	7	1	0	1	0	161	97	1	3	0	5	0	106	216	267
18:45 to 19:00	142	1	1	144	81	1	1	83	157	2	1	1	2	0	163	90	0	1	0	2	0	93	227	256
TOTAL	3951	72	47	4070	4689	82	47	4818	4622	202	90	16	214	2	5146	5871	204	113	20	134	1	6343	8888	11489

Table 3.30 LDR6 - Survey Results – hourly data

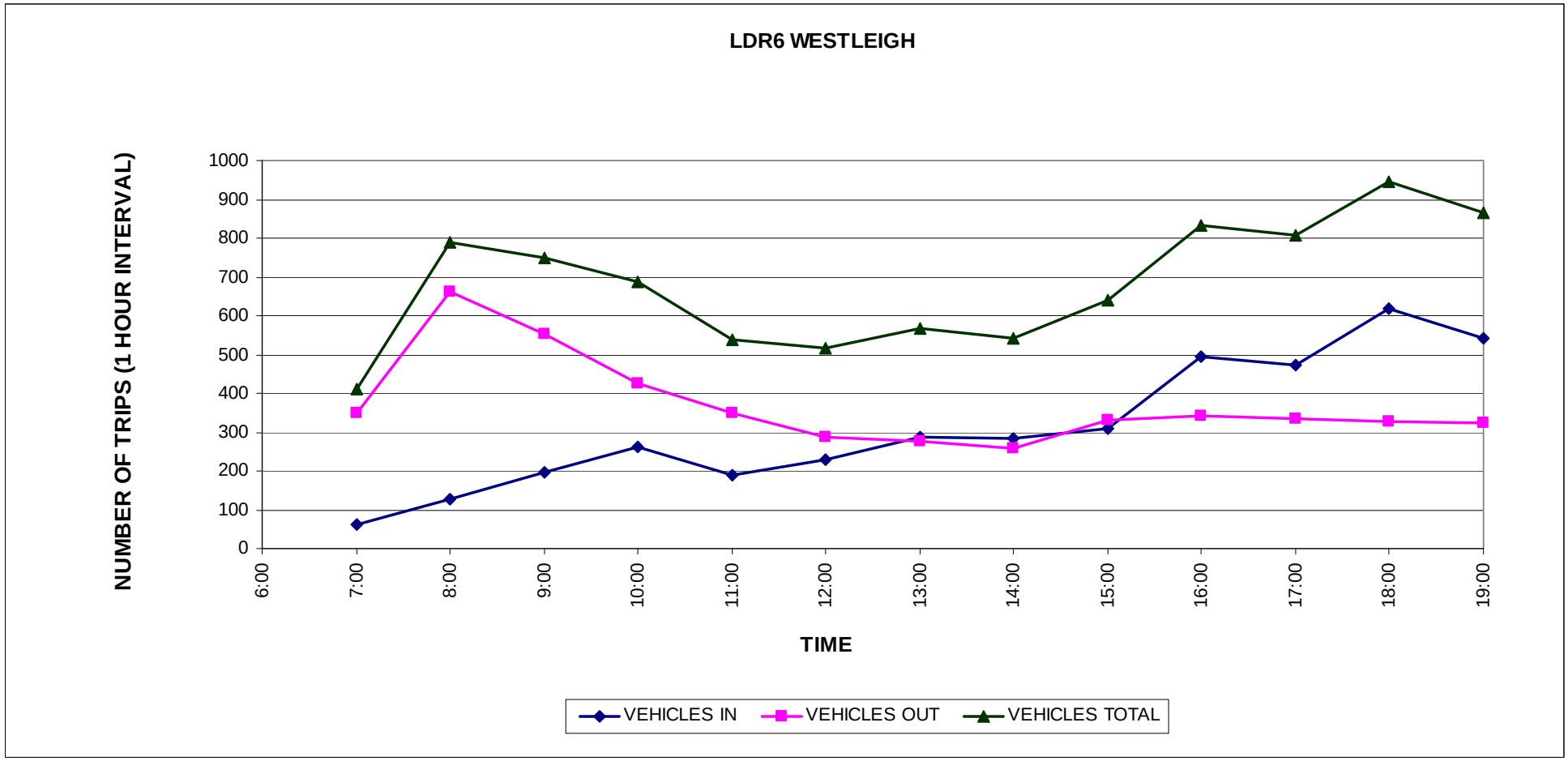
DATE 28 April 2010	LDR6 WESTLEIGH																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	54	4	4	62	341	2	5	348	55	0	5	1	17	0	78	390	11	2	4	8	0	415	410	493
6:15 to 7:15	66	4	5	75	434	3	4	441	69	0	4	2	15	0	90	499	9	3	2	9	0	522	516	612
6:30 to 7:30	87	5	6	98	534	3	5	542	94	1	5	2	14	0	116	631	10	3	2	12	0	658	640	774
6:45 to 7:45	103	5	6	114	625	3	6	634	113	1	5	2	14	0	135	762	44	3	2	14	0	825	748	960
7:00 to 8:00	114	8	6	128	652	4	6	662	126	1	10	1	12	0	150	822	47	4	0	19	0	892	790	1042
7:15 to 8:15	125	11	10	146	645	7	8	660	135	11	13	1	15	0	175	830	75	7	0	20	0	932	806	1107
7:30 to 8:30	137	9	8	154	606	10	9	625	144	35	11	1	15	0	206	803	94	12	0	18	0	927	779	1133
7:45 to 8:45	152	7	7	166	568	10	7	585	162	35	9	1	18	0	225	787	94	12	0	20	0	913	751	1138
8:00 to 9:00	182	6	7	195	537	10	6	553	200	36	7	1	20	0	264	742	88	13	2	23	0	868	748	1132
8:15 to 9:15	223	4	3	230	526	8	4	538	248	27	5	2	21	0	303	728	63	11	2	19	0	823	768	1126
8:30 to 9:30	241	5	2	248	497	6	3	506	271	2	8	2	18	0	301	659	44	7	2	16	0	728	754	1029
8:45 to 9:45	260	9	2	271	445	7	2	454	292	2	14	3	12	0	323	563	9	8	2	12	0	594	725	917
9:00 to 10:00	251	7	4	262	416	9	2	427	275	4	11	4	16	0	310	524	9	13	0	4	0	550	689	860
9:15 to 10:15	235	5	4	244	392	8	2	402	259	8	9	2	13	0	291	487	6	12	0	4	0	509	646	800
9:30 to 10:30	226	5	4	235	376	7	2	385	249	8	8	3	15	0	283	483	13	11	0	5	0	512	620	795
9:45 to 10:45	206	2	4	212	377	7	2	386	223	8	3	2	18	0	254	489	13	12	0	2	0	516	598	770
10:00 to 11:00	183	4	1	188	342	6	2	350	200	5	5	1	16	0	227	435	13	10	0	2	0	460	538	687
10:15 to 11:15	183	8	0	191	297	11	2	310	197	0	10	1	16	0	224	378	18	15	2	2	0	415	501	639
10:30 to 11:30	191	10	0	201	286	12	1	299	202	0	12	0	15	0	229	359	10	16	2	2	0	389	500	618
10:45 to 11:45	199	10	0	209	263	13	1	277	211	0	12	0	12	0	235	320	10	16	2	2	0	350	486	585
11:00 to 12:00	221	8	1	230	274	11	1	286	239	4	10	0	6	0	259	344	10	11	2	3	0	370	516	629
11:15 to 12:15	253	7	1	261	288	8	1	297	279	4	8	0	6	0	297	370	3	8	0	3	0	384	558	681
11:30 to 12:30	251	7	1	259	283	10	1	294	281	4	7	0	5	0	297	357	3	10	0	2	0	372	553	669
11:45 to 12:45	271	6	1	278	260	8	1	269	309	4	6	0	4	0	323	325	3	8	1	2	0	339	547	662
12:00 to 13:00	281	7	1	289	267	10	1	278	324	5	7	0	5	0	341	333	3	11	1	0	0	348	567	689
12:15 to 13:15	270	6	1	277	257	7	1	265	313	5	7	0	5	0	330	309	4	8	1	0	0	322	542	652
12:30 to 13:30	277	4	1	282	252	4	1	257	331	5	5	1	5	0	347	307	4	5	1	0	0	317	539	664
12:45 to 13:45	274	6	1	281	267	6	1	274	326	5	8	1	3	0	343	325	4	7	0	0	0	336	555	679
13:00 to 14:00	276	7	1	284	250	6	1	257	327	1	10	1	9	0	348	298	4	9	1	0	0	312	541	660
13:15 to 14:15	257	5	1	263	259	9	1	269	307	1	7	1	11	1	328	313	1	13	1	2	0	330	532	658
13:30 to 14:30	250	6	2	258	272	11	2	285	291	16	8	0	14	1	330	316	6	17	1	4	0	344	543	674
13:45 to 14:45	279	5	2	286	298	8	2	308	333	16	6	0	15	1	371	342	6	14	1	4	0	367	594	738
14:00 to 15:00	303	3	2	308	325	5	2	332	358	17	3	0	12	1	391	377	6	8	0	7	1	399	640	790
14:15 to 15:15	344	6	4	354	348	3	2	353	415	29	9	0	17	0	470	414	8	5	0	30	1	458	707	928
14:30 to 15:30	399	5	4	408	347	5	3	355	490	31	8	0	16	0	545	427	3	13	0	30	1	474	763	1019
14:45 to 15:45	422	6	9	437	325	7	5	337	525	61	10	0	27	0	623	416	3	18	6	31	1	475	774	1098
15:00 to 16:00	476	8	9	493	324	8	8	340	595	67	12	0	27	0	701	414	4	20	6	30	0	474	833	1175
15:15 to 16:15	501	7	8	516	293	9	8	310	622	68	8	2	26	1	727	367	3	21	8	7	0	406	826	1133
15:30 to 16:30	477	7	8	492	317	8	6	331	589	53	8	2	28	1	681	398	3	12	8	6	0	427	823	1108
15:45 to 16:45	486	6	4	496	337	7	5	349	602	29	6	2	18	1	658	431	3	8	2	6	0	450	845	1108
16:00 to 17:00	464	4	5	473	326	6	3	335	577	35	4	3	18	1	638	429	3	6	3	6	0	447	808	1085
16:15 to 17:15	507	2	4	513	329	5	5	339	617	22	2	1	25	0	667	443	4	5	1	7	0	460	852	1127
16:30 to 17:30	547	2	4	553	316	3	5	324	669	21	2	3	30	0	725	428	4	3	2	8	0	445	877	1170
16:45 to 17:45	581	1	4	586	293	2	6	301	699	28	1	3	38	0	769	375	4	2	2	11	0	394	887	1163
17:00 to 18:00	614	1	2	617	320	2	5	327	738	14	1	3	39	0	795	392	3	2	1	14	0	412	944	1207
17:15 to 18:15	580	2	3	585	316	1	4	321	702	14	2	3	31	0	752	371	2	1	1	19	0	394	906	1146
17:30 to 18:30	572	3	3	578	324	0	4	328	681	17	3	1	29	0	731	374	2	0	0	20	0	396	906	1127
17:45 to 18:45	546	4	3	553	338	2	4	344	640	11	4	1	20	0	676	403	3	3	0	21	0	430	897	1106
18:00 to 19:00	532	5	4	541	315	3	5	323	608	13	5	1	17	0	644	371	3	4	0	18	0	396	864	1040

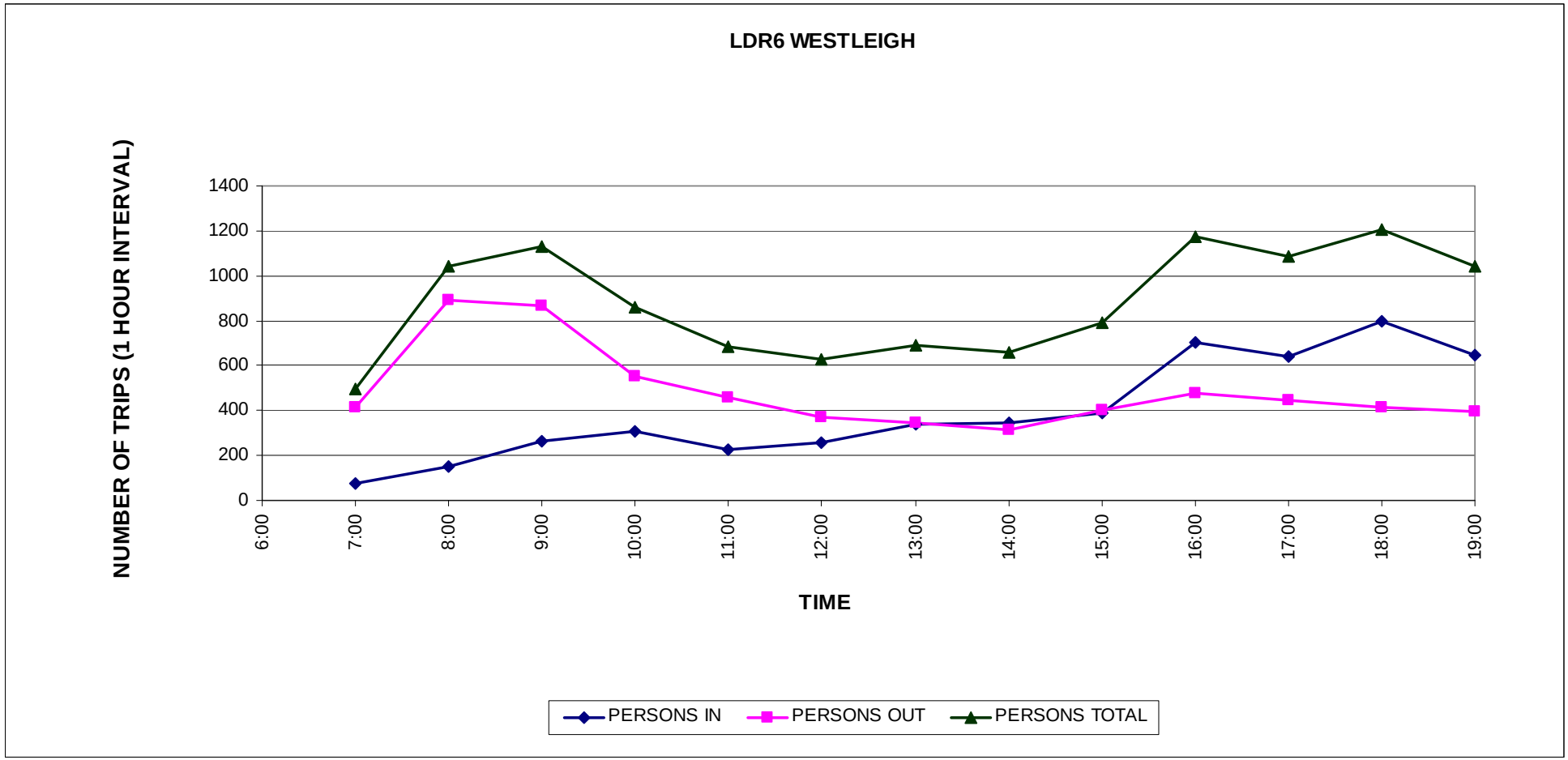
Table 3.31 LDR6 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:15	to	8:15	125	11	10	146	645	7	8	660	135	11	13	1	15	0	175	830	75	7	0	20	0	932
PM																								
17:00	to	18:00	614	1	2	617	320	2	5	327	738	14	1	3	39	0	795	392	3	2	1	14	0	412

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:45	to	8:45	152	7	7	166	568	10	7	585	162	35	9	1	18	0	225	787	94	12	0	20	0	913
PM																								
17:00	to	18:00	614	1	2	617	320	2	5	327	738	14	1	3	39	0	795	392	3	2	1	14	0	412

DATE 28 April 2010			LDR6 WESTLEIGH																						Grandtotal	
1-hour Data			Vehicles								Persons														1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT								
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	54	4	4	62	341	2	5	348	55	0	5	1	17	0	78	390	11	2	4	8	0	415	410	493
7:00	to	8:00	114	8	6	128	652	4	6	662	126	1	10	1	12	0	150	822	47	4	0	19	0	892	790	1042
8:00	to	9:00	182	6	7	195	537	10	6	553	200	36	7	1	20	0	264	742	88	13	2	23	0	868	748	1132
9:00	to	10:00	251	7	4	262	416	9	2	427	275	4	11	4	16	0	310	524	9	13	0	4	0	550	689	860
10:00	to	11:00	183	4	1	188	342	6	2	350	200	5	5	1	16	0	227	435	13	10	0	2	0	460	538	687
11:00	to	12:00	221	8	1	230	274	11	1	286	239	4	10	0	6	0	259	344	10	11	2	3	0	370	516	629
12:00	to	13:00	281	7	1	289	267	10	1	278	324	5	7	0	5	0	341	333	3	11	1	0	0	348	567	689
13:00	to	14:00	276	7	1	284	250	6	1	257	327	1	10	1	9	0	348	298	4	9	1	0	0	312	541	660
14:00	to	15:00	303	3	2	308	325	5	2	332	358	17	3	0	12	1	391	377	6	8	0	7	1	399	640	790
15:00	to	16:00	476	8	9	493	324	8	8	340	595	67	12	0	27	0	701	414	4	20	6	30	0	474	833	1175
16:00	to	17:00	464	4	5	473	326	6	3	335	577	35	4	3	18	1	638	429	3	6	3	6	0	447	808	1085
17:00	to	18:00	614	1	2	617	320	2	5	327	738	14	1	3	39	0	795	392	3	2	1	14	0	412	944	1207
18:00	to	19:00	532	5	4	541	315	3	5	323	608	13	5	1	17	0	644	371	3	4	0	18	0	396	864	1040
Total			3951	72	47	4070	4689	82	47	4818	4622	202	90	16	214	2	5146	5871	204	113	20	134	1	6343	8888	11489


LDR6 WESTLEIGH
NUMBER OF TRIPS (1 HOUR INTERVAL)
1000
900
800
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR6 WESTLEIGH
NUMBER OF TRIPS (1 HOUR INTERVAL)
1400
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.7 LDR7 Coffs Harbour

Table 3.32 LDR7 - Survey Results – 15 mins data

DATE 13 May 2010	LDR7 COFFS HARBOUR																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	3	0	0	3	11	0	0	11	4	0	0	1	8	0	13	12	0	0	0	4	0	16	14	29
6:15 to 6:30	8	0	0	8	11	0	0	11	9	0	0	0	2	0	11	14	0	0	0	2	0	16	19	27
6:30 to 6:45	6	0	0	6	26	0	0	26	6	0	0	2	3	0	11	29	0	0	0	4	0	33	32	44
6:45 to 7:00	13	0	0	13	30	1	0	31	19	0	0	0	3	0	22	37	0	1	1	2	0	41	44	63
7:00 to 7:15	13	2	0	15	33	2	0	35	16	0	2	2	3	0	23	41	0	2	0	4	0	47	50	70
7:15 to 7:30	7	0	1	8	20	0	1	21	11	0	0	1	2	0	14	25	0	0	0	2	0	27	29	41
7:30 to 7:45	12	1	0	13	36	1	0	37	14	0	1	1	0	0	16	48	0	1	2	6	2	59	50	75
7:45 to 8:00	14	2	0	16	56	0	0	56	16	0	3	2	2	0	23	72	0	0	1	8	0	81	72	104
8:00 to 8:15	29	1	1	31	54	2	1	57	40	10	1	0	2	0	53	74	20	4	1	8	0	107	88	160
8:15 to 8:30	22	1	2	25	79	0	0	79	32	5	1	3	1	0	42	107	0	0	2	5	0	114	104	156
8:30 to 8:45	22	0	0	22	71	2	3	76	29	0	0	1	0	0	30	115	17	2	2	2	0	138	98	168
8:45 to 9:00	37	1	1	39	54	0	1	55	51	8	2	0	2	0	63	90	0	0	0	2	0	92	94	155
9:00 to 9:15	35	3	0	38	39	0	0	39	48	0	3	1	0	0	52	52	0	0	2	3	0	57	77	109
9:15 to 9:30	29	1	0	30	37	2	0	39	36	0	1	0	0	0	37	47	0	2	0	1	0	50	69	87
9:30 to 9:45	29	2	0	31	33	1	0	34	43	0	3	1	0	0	47	50	0	2	1	0	0	53	65	100
9:45 to 10:00	27	0	0	27	36	0	0	36	37	0	0	2	0	0	39	51	0	0	0	1	0	52	63	91
10:00 to 10:15	31	0	1	32	30	0	1	31	36	2	0	0	2	0	40	38	7	0	0	0	0	45	63	85
10:15 to 10:30	23	0	0	23	28	0	0	28	31	0	0	0	2	0	33	34	0	0	0	0	0	34	51	67
10:30 to 10:45	28	0	1	29	35	0	0	35	35	4	0	0	0	0	39	46	0	0	1	0	0	47	64	86
10:45 to 11:00	42	0	0	42	37	1	0	38	58	0	0	0	2	0	60	56	0	2	0	2	0	60	80	120
11:00 to 11:15	26	0	1	27	18	1	0	19	29	10	0	0	0	0	39	21	0	1	2	1	0	25	46	64
11:15 to 11:30	26	1	0	27	28	2	0	30	36	0	1	0	2	0	39	42	0	2	1	0	0	45	57	84
11:30 to 11:45	22	0	0	22	35	0	0	35	26	0	0	0	2	0	28	45	0	0	0	2	0	47	57	75
11:45 to 12:00	29	0	0	29	26	0	0	26	41	0	0	0	0	0	41	40	0	0	1	1	0	42	55	83
12:00 to 12:15	30	0	0	30	25	0	0	25	44	0	0	0	0	0	44	33	0	0	1	0	0	34	55	78
12:15 to 12:30	37	1	0	38	25	1	0	26	48	0	1	0	0	0	49	35	0	1	2	1	0	39	64	88
12:30 to 12:45	27	0	0	27	26	1	0	27	36	0	0	2	2	0	40	31	0	1	0	0	0	32	54	72
12:45 to 13:00	24	0	0	24	31	0	0	31	31	0	0	0	0	0	31	37	0	0	0	1	0	38	55	69
13:00 to 13:15	28	0	0	28	26	0	1	27	32	0	0	0	2	0	34	32	1	0	0	1	0	34	55	68
13:15 to 13:30	19	0	0	19	25	0	0	25	24	0	0	0	1	0	25	32	0	0	1	2	0	35	44	60
13:30 to 13:45	34	1	1	36	29	1	0	30	42	3	2	2	0	0	49	44	0	1	0	3	0	48	66	97
13:45 to 14:00	36	1	0	37	34	0	0	34	48	0	2	1	1	0	52	44	0	0	0	0	0	44	71	96
14:00 to 14:15	28	0	0	28	22	0	1	23	39	0	0	0	0	0	39	32	4	0	0	1	0	37	51	76
14:15 to 14:30	27	0	0	27	32	0	0	32	36	0	0	0	0	0	36	37	0	0	0	1	0	38	59	74
14:30 to 14:45	38	0	0	38	39	0	0	39	46	0	0	0	3	0	49	51	0	0	0	0	0	51	77	100
14:45 to 15:00	26	1	0	27	40	0	0	40	33	0	1	1	0	0	35	48	0	0	0	0	0	48	67	83
15:00 to 15:15	35	1	0	36	41	0	0	41	49	0	1	0	2	0	52	49	0	0	2	2	0	53	77	105
15:15 to 15:30	46	2	2	50	22	2	2	26	68	45	4	1	6	0	124	33	5	4	1	0	0	43	76	167
15:30 to 15:45	61	0	1	62	35	0	0	35	105	26	0	1	8	0	140	59	0	0	0	4	0	63	97	203
15:45 to 16:00	31	1	1	33	49	0	2	51	48	20	1	1	10	0	80	85	18	0	1	16	0	120	84	200
16:00 to 16:15	64	0	1	65	39	0	1	40	87	7	0	1	6	0	101	60	0	0	1	2	1	64	105	165
16:15 to 16:30	42	0	0	42	44	0	0	44	60	0	0	0	5	0	65	66	0	0	0	2	0	68	86	133
16:30 to 16:45	61	0	0	61	26	0	0	26	81	0	0	1	2	0	84	33	0	0	0	2	0	35	87	119
16:45 to 17:00	37	1	0	38	37	0	0	37	59	0	1	2	5	0	67	52	0	0	0	2	0	54	75	121
17:00 to 17:15	45	1	0	46	23	2	0	25	65	0	1	3	0	0	69	35	0	2	0	1	0	38	71	107
17:15 to 17:30	53	1	0	54	36	0	0	36	76	0	2	0	1	0	79	50	0	0	1	4	0	55	90	134
17:30 to 17:45	30	0	0	30	33	0	0	33	40	0	0	0	2	0	42	49	0	0	0	2	0	51	63	93
17:45 to 18:00	35	0	0	35	25	0	0	25	54	0	0	0	1	0	55	35	0	0	0	3	0	38	60	93
18:00 to 18:15	28	0	0	28	26	0	0	26	29	0	0	1	3	0	33	26	0	0	0	2	0	28	54	61
18:15 to 18:30	26	0	0	26	29	0	0	29	27	0	0	0	3	0	30	29	0	0	2	0	0	31	55	61
18:30 to 18:45	27	0	0	27	20	0	0	20	27	0	0	0	1	0	28	20	0	0	0	0	0	20	47	48
18:45 to 19:00	23	0	0	23	16	0	0	16	23	0	0	0	2	0	25	16	0	0	0	0	0	16	39	41
TOTAL	1531	26	14	1571	1718	22	14	1754	2060	140	34	34	104	0	2372	2339	72	28	29	112	3	2583	3325	4955

Table 3.33 LDR7 - Survey Results – hourly data

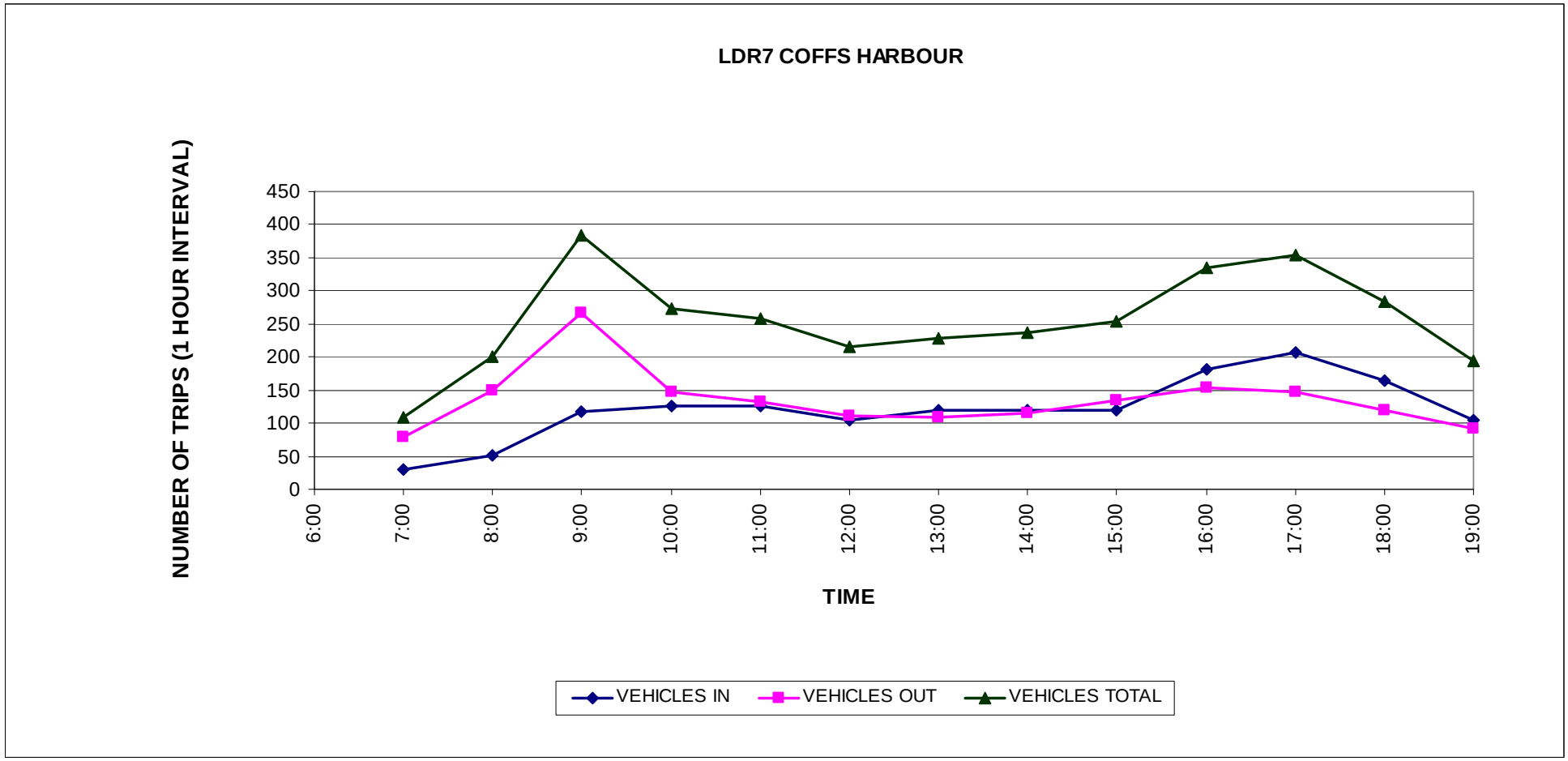
DATE 13 May 2010	LDR7 COFFS HARBOUR																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	30	0	0	30	78	1	0	79	38	0	0	3	16	0	57	92	0	1	1	12	0	106	109	163
6:15 to 7:15	40	2	0	42	100	3	0	103	50	0	2	4	11	0	67	121	0	3	1	12	0	137	145	204
6:30 to 7:30	39	2	1	42	109	3	1	113	52	0	2	5	11	0	70	132	0	3	1	12	0	148	155	218
6:45 to 7:45	45	3	1	49	119	4	1	124	60	0	3	4	8	0	75	151	0	4	3	14	2	174	173	249
7:00 to 8:00	46	5	1	52	145	3	1	149	57	0	6	6	7	0	76	186	0	3	3	20	2	214	201	290
7:15 to 8:15	62	4	2	68	166	3	2	171	81	10	5	4	6	0	106	219	20	5	4	24	2	274	239	380
7:30 to 8:30	77	5	3	85	225	3	1	229	102	15	6	6	5	0	134	301	20	5	6	27	2	361	314	495
7:45 to 8:45	87	4	3	94	260	4	4	268	117	15	5	6	5	0	148	368	37	6	6	23	0	440	362	588
8:00 to 9:00	110	3	4	117	258	4	5	267	152	23	4	4	5	0	188	386	37	6	5	17	0	451	384	639
8:15 to 9:15	116	5	3	124	243	2	4	249	160	13	6	5	3	0	187	364	17	2	6	12	0	401	373	588
8:30 to 9:30	123	5	1	129	201	4	4	209	164	8	6	2	2	0	182	304	17	4	4	8	0	337	338	519
8:45 to 9:45	130	7	1	138	163	3	1	167	178	8	9	2	2	0	199	239	0	4	3	6	0	252	305	451
9:00 to 10:00	120	6	0	126	145	3	0	148	164	0	7	4	0	0	175	200	0	4	3	5	0	212	274	387
9:15 to 10:15	116	3	1	120	136	3	1	140	152	2	4	3	2	0	163	186	7	4	1	2	0	200	260	363
9:30 to 10:30	110	2	1	113	127	1	1	129	147	2	3	3	4	0	159	173	7	2	1	1	0	184	242	343
9:45 to 10:45	109	0	2	111	129	0	1	130	139	6	0	2	4	0	151	169	7	0	1	1	0	178	241	329
10:00 to 11:00	124	0	2	126	130	1	1	132	160	6	0	0	6	0	172	174	7	2	1	2	0	186	258	358
10:15 to 11:15	119	0	2	121	118	2	0	120	153	14	0	0	4	0	171	157	0	3	3	3	0	166	241	337
10:30 to 11:30	122	1	2	125	118	4	0	122	158	14	1	0	4	0	177	165	0	5	4	3	0	177	247	354
10:45 to 11:45	116	1	1	118	118	4	0	122	149	10	1	0	6	0	166	164	0	5	3	5	0	177	240	343
11:00 to 12:00	103	1	1	105	107	3	0	110	132	10	1	0	4	0	147	148	0	3	4	4	0	159	215	306
11:15 to 12:15	107	1	0	108	114	2	0	116	147	0	1	0	4	0	152	160	0	2	3	3	0	168	224	320
11:30 to 12:30	118	1	0	119	111	1	0	112	159	0	1	0	2	0	162	153	0	1	4	4	0	162	231	324
11:45 to 12:45	123	1	0	124	102	2	0	104	169	0	1	2	2	0	174	139	0	2	4	2	0	147	228	321
12:00 to 13:00	118	1	0	119	107	2	0	109	159	0	1	2	2	0	164	136	0	2	3	2	0	143	228	307
12:15 to 13:15	116	1	0	117	108	2	1	111	147	0	1	2	4	0	154	135	1	2	2	3	0	143	228	297
12:30 to 13:30	98	0	0	98	108	1	1	110	123	0	0	2	5	0	130	132	1	1	1	4	0	139	208	269
12:45 to 13:45	105	1	1	107	111	1	1	113	129	3	2	2	3	0	139	145	1	1	1	7	0	155	220	294
13:00 to 14:00	117	2	1	120	114	1	1	116	146	3	4	3	4	0	160	152	1	1	1	6	0	161	236	321
13:15 to 14:15	117	2	1	120	110	1	1	112	153	3	4	3	2	0	165	152	4	1	1	6	0	164	232	329
13:30 to 14:30	125	2	1	128	117	1	1	119	165	3	4	3	1	0	176	157	4	1	0	5	0	167	247	343
13:45 to 14:45	129	1	0	130	127	0	1	128	169	0	2	1	4	0	176	164	4	0	0	2	0	170	258	346
14:00 to 15:00	119	1	0	120	133	0	1	134	154	0	1	1	3	0	159	168	4	0	0	2	0	174	254	333
14:15 to 15:15	126	2	0	128	152	0	0	152	164	0	2	1	5	0	172	185	0	0	2	3	0	190	280	362
14:30 to 15:30	145	4	2	151	142	2	2	146	196	45	6	2	11	0	260	181	5	4	3	2	0	195	297	455
14:45 to 15:45	168	4	3	175	138	2	2	142	255	71	6	3	16	0	351	189	5	4	3	6	0	207	317	558
15:00 to 16:00	173	4	4	181	147	2	4	153	270	91	6	3	26	0	396	226	23	4	4	22	0	279	334	675
15:15 to 16:15	202	3	5	210	145	2	5	152	308	98	5	4	30	0	445	237	23	4	3	22	1	290	362	735
15:30 to 16:30	198	1	3	202	167	0	3	170	300	53	1	3	29	0	386	270	18	0	2	24	1	315	372	701
15:45 to 16:45	198	1	2	201	158	0	3	161	276	27	1	3	23	0	330	244	18	0	2	22	1	287	362	617
16:00 to 17:00	204	1	1	206	146	0	1	147	287	7	1	4	18	0	317	211	0	0	1	8	1	221	353	538
16:15 to 17:15	185	2	0	187	130	2	0	132	265	0	2	6	12	0	285	186	0	2	0	7	0	195	319	480
16:30 to 17:30	196	3	0	199	122	2	0	124	281	0	4	6	8	0	299	170	0	2	1	9	0	182	323	481
16:45 to 17:45	165	3	0	168	129	2	0	131	240	0	4	5	8	0	257	186	0	2	1	9	0	198	299	455
17:00 to 18:00	163	2	0	165	117	2	0	119	235	0	3	3	4	0	245	169	0	2	1	10	0	182	284	427
17:15 to 18:15	146	1	0	147	120	0	0	120	199	0	2	1	7	0	209	160	0	0	1	11	0	172	267	381
17:30 to 18:30	119	0	0	119	113	0	0	113	150	0	0	1	9	0	160	139	0	0	2	7	0	148	232	308
17:45 to 18:45	116	0	0	116	100	0	0	100	137	0	0	1	8	0	146	110	0	0	2	5	0	117	216	263
18:00 to 19:00	104	0	0	104	91	0	0	91	106	0	0	1	9	0	116	91	0	0	2	2	0	95	195	211

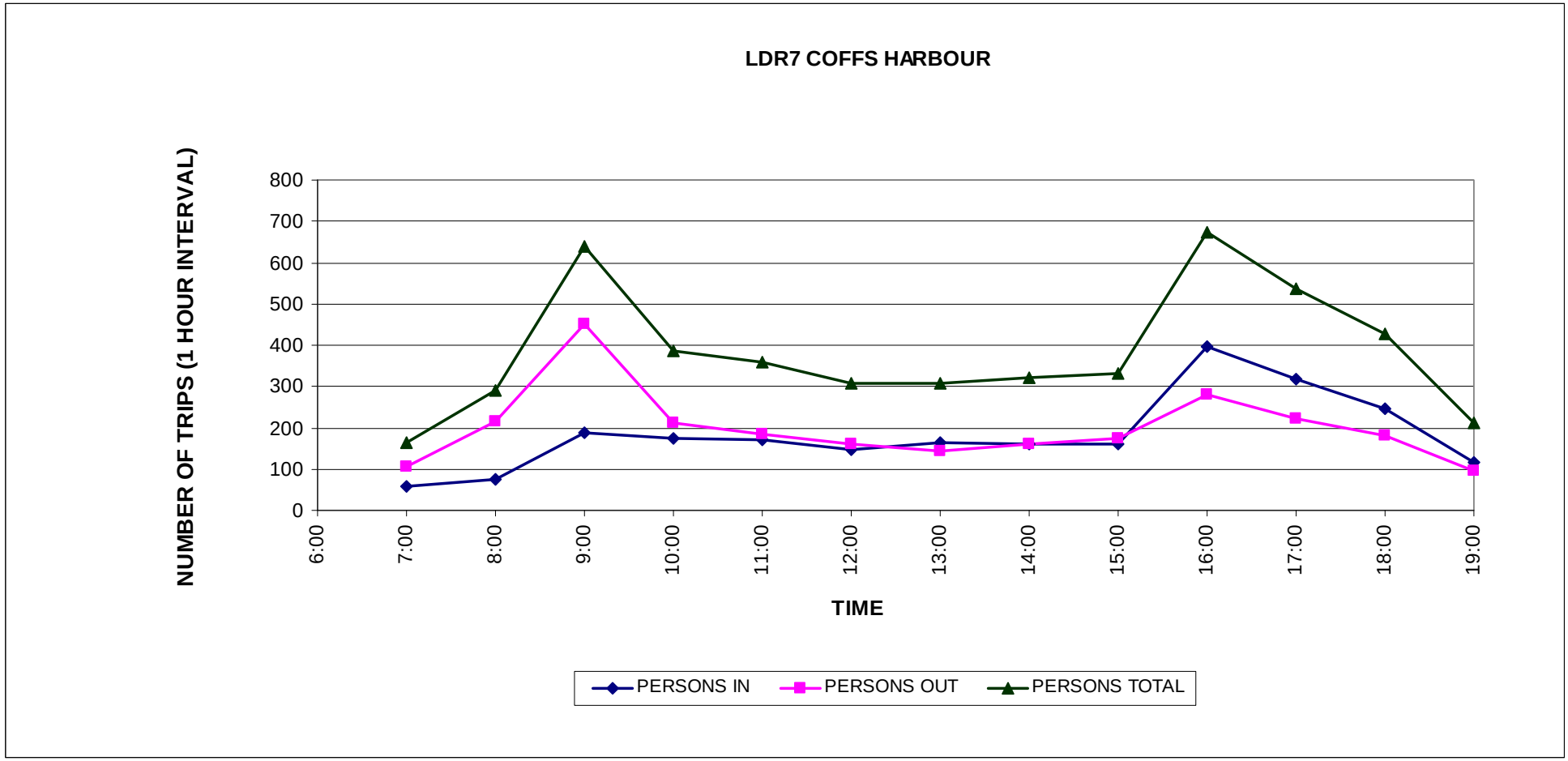
Table 3.34 LDR7 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	110	3	4	117	258	4	5	267	152	23	4	4	5	0	188	386	37	6	5	17	0	451
PM																								
15:30	to	16:30	198	1	3	202	167	0	3	170	300	53	1	3	29	0	386	270	18	0	2	24	1	315

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00	to	9:00	110	3	4	117	258	4	5	267	152	23	4	4	5	0	188	386	37	6	5	17	0	451
PM																								
15:15	to	16:15	202	3	5	210	145	2	5	152	308	98	5	4	30	0	445	237	23	4	3	22	1	290

DATE 13 May 2010			LDR7 COFFS HARBOUR																						Grandtotal	
1-hour Data			Vehicles								Persons														1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT								
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	30	0	0	30	78	1	0	79	38	0	0	3	16	0	57	92	0	1	1	12	0	106	109	163
7:00	to	8:00	46	5	1	52	145	3	1	149	57	0	6	6	7	0	76	186	0	3	3	20	2	214	201	290
8:00	to	9:00	110	3	4	117	258	4	5	267	152	23	4	4	5	0	188	386	37	6	5	17	0	451	384	639
9:00	to	10:00	120	6	0	126	145	3	0	148	164	0	7	4	0	0	175	200	0	4	3	5	0	212	274	387
10:00	to	11:00	124	0	2	126	130	1	1	132	160	6	0	0	6	0	172	174	7	2	1	2	0	186	258	358
11:00	to	12:00	103	1	1	105	107	3	0	110	132	10	1	0	4	0	147	148	0	3	4	4	0	159	215	306
12:00	to	13:00	118	1	0	119	107	2	0	109	159	0	1	2	2	0	164	136	0	2	3	2	0	143	228	307
13:00	to	14:00	117	2	1	120	114	1	1	116	146	3	4	3	4	0	160	152	1	1	1	6	0	161	236	321
14:00	to	15:00	119	1	0	120	133	0	1	134	154	0	1	1	3	0	159	168	4	0	0	2	0	174	254	333
15:00	to	16:00	173	4	4	181	147	2	4	153	270	91	6	3	26	0	396	226	23	4	4	22	0	279	334	675
16:00	to	17:00	204	1	1	206	146	0	1	147	287	7	1	4	18	0	317	211	0	0	1	8	1	221	353	538
17:00	to	18:00	163	2	0	165	117	2	0	119	235	0	3	3	4	0	245	169	0	2	1	10	0	182	284	427
18:00	to	19:00	104	0	0	104	91	0	0	91	106	0	0	1	9	0	116	91	0	0	2	2	0	95	195	211
Total			1531	26	14	1571	1718	22	14	1754	2060	140	34	34	104	0	2372	2339	72	28	29	112	3	2583	3325	4955


LDR7 COFFS HARBOUR
NUMBER OF TRIPS (1 HOUR INTERVAL)
450
400
350
300
250
200
150
100
50
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR7 COFFS HARBOUR
NUMBER OF TRIPS (1 HOUR INTERVAL)
800
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.8 LDR8 Goonellabah (Lismore)

Table 3.35 LDR8 - Survey Results – 15 mins data

DATE 12 May 2010	LDR8 GOONELLABAH (LISMORE)																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	0	0	0	0	11	0	0	11	0	0	0	0	1	0	1	11	0	0	0	1	0	12	11	13
6:15 to 6:30	10	0	0	10	17	0	0	17	11	0	0	0	2	0	13	21	0	0	0	2	0	23	27	36
6:30 to 6:45	9	0	0	9	23	0	0	23	10	0	0	1	3	0	14	27	0	0	1	4	0	32	32	46
6:45 to 7:00	15	0	0	15	28	0	0	28	19	0	0	0	1	0	20	33	0	0	0	6	0	39	43	59
7:00 to 7:15	10	0	0	10	42	0	0	42	11	0	0	0	6	0	17	48	0	0	1	5	2	56	52	73
7:15 to 7:30	17	5	0	22	36	0	0	36	18	0	7	0	5	0	30	44	0	0	0	11	0	55	58	85
7:30 to 7:45	13	0	2	15	41	0	1	42	14	0	0	0	3	0	17	47	0	0	0	4	0	51	57	68
7:45 to 8:00	8	1	1	10	77	1	2	80	11	0	1	0	4	3	19	98	0	2	0	2	0	102	90	121
8:00 to 8:15	13	0	3	16	59	1	3	63	16	16	0	0	1	2	35	74	13	1	0	1	0	89	79	124
8:15 to 8:30	20	0	5	25	66	0	5	71	27	0	0	0	0	0	27	101	51	0	0	8	0	160	96	187
8:30 to 8:45	21	0	0	21	76	0	3	79	26	0	0	0	2	0	28	118	36	0	0	4	0	158	100	186
8:45 to 9:00	28	1	2	31	60	0	2	62	34	0	1	0	0	0	35	90	7	0	0	0	0	97	93	132
9:00 to 9:15	27	1	1	29	43	0	1	44	29	0	2	0	0	0	31	59	9	0	0	2	0	70	73	101
9:15 to 9:30	40	0	1	41	37	0	0	37	49	0	0	0	1	0	50	45	0	0	0	1	0	46	78	96
9:30 to 9:45	20	0	1	21	35	1	2	38	26	0	0	0	1	0	27	48	21	1	0	1	0	71	59	98
9:45 to 10:00	16	1	1	18	26	1	2	29	20	0	1	0	0	0	21	37	4	1	0	1	0	43	47	64
10:00 to 10:15	22	0	1	23	29	1	0	30	27	6	0	0	0	0	33	33	0	1	0	2	0	36	53	69
10:15 to 10:30	19	2	0	21	23	0	1	24	21	0	2	1	0	0	24	29	4	0	1	0	0	34	45	58
10:30 to 10:45	33	0	0	33	36	4	0	40	36	0	0	0	1	0	37	42	0	5	0	1	0	48	73	85
10:45 to 11:00	30	0	1	31	34	0	0	34	38	1	0	0	1	0	40	38	0	0	1	0	0	39	65	79
11:00 to 11:15	29	0	0	29	32	1	1	34	33	0	0	0	1	0	34	41	5	1	1	0	0	48	63	82
11:15 to 11:30	32	1	0	33	26	0	0	26	37	0	1	0	0	0	38	34	0	0	0	2	0	36	59	74
11:30 to 11:45	20	2	0	22	22	0	0	22	23	0	2	0	0	0	25	29	0	0	0	0	1	30	44	55
11:45 to 12:00	26	0	2	28	27	2	3	32	32	10	0	0	2	0	44	32	15	5	0	0	0	52	60	96
12:00 to 12:15	37	0	1	38	39	0	0	39	46	1	0	0	1	0	48	49	0	0	0	0	0	49	77	97
12:15 to 12:30	31	2	1	34	22	0	0	22	39	6	2	2	0	0	49	27	0	0	2	0	0	29	56	78
12:30 to 12:45	28	0	0	28	28	3	1	32	33	0	0	1	0	0	34	34	6	3	1	0	0	44	60	78
12:45 to 13:00	36	1	0	37	34	1	0	35	53	0	2	0	0	0	55	46	0	2	1	0	0	49	72	104
13:00 to 13:15	30	0	1	31	23	0	1	24	37	2	0	1	0	0	40	26	2	0	0	1	0	29	55	69
13:15 to 13:30	32	0	0	32	26	1	0	27	38	0	0	0	0	1	39	33	0	1	1	0	0	35	59	74
13:30 to 13:45	20	0	1	21	25	0	1	26	21	3	0	1	0	0	25	26	3	0	0	0	0	29	47	54
13:45 to 14:00	66	1	1	68	23	0	0	23	116	4	1	0	0	1	122	28	0	0	1	0	0	29	91	151
14:00 to 14:15	22	2	0	24	25	1	2	28	24	0	2	0	1	0	27	30	11	1	0	1	0	43	52	70
14:15 to 14:30	32	2	5	39	26	2	3	31	36	3	3	1	0	0	43	36	18	3	0	1	1	59	70	102
14:30 to 14:45	23	1	0	24	26	0	0	26	30	0	1	2	1	0	34	32	0	0	0	2	0	34	50	68
14:45 to 15:00	39	3	0	42	42	2	0	44	49	0	4	0	0	0	53	45	0	2	0	0	0	47	86	100
15:00 to 15:15	40	1	1	42	34	2	1	37	58	1	1	0	3	0	63	47	1	3	0	2	0	53	79	116
15:15 to 15:30	49	0	0	49	26	1	0	27	77	0	0	2	2	0	81	37	0	1	0	0	1	39	76	120
15:30 to 15:45	44	0	3	47	23	0	2	25	72	52	0	0	1	0	125	24	0	0	0	8	0	32	72	157
15:45 to 16:00	40	0	4	44	40	3	6	49	58	30	0	1	7	0	96	47	0	4	0	6	0	57	93	153
16:00 to 16:15	60	2	2	64	30	0	3	33	89	8	3	0	7	0	107	49	0	0	1	6	0	56	97	163
16:15 to 16:30	59	0	0	59	41	1	0	42	77	0	0	0	7	0	84	63	0	2	0	9	0	74	101	158
16:30 to 16:45	52	0	1	53	30	0	1	31	70	1	0	0	3	0	74	47	2	0	0	3	0	52	84	126
16:45 to 17:00	60	0	2	62	32	0	1	33	74	0	0	0	1	0	75	43	2	0	0	5	0	50	95	125
17:00 to 17:15	85	0	0	85	32	0	1	33	108	0	0	0	1	0	109	46	0	0	0	0	0	46	118	155
17:15 to 17:30	77	0	1	78	29	0	1	30	97	0	0	0	3	0	100	42	0	0	1	3	0	46	108	146
17:30 to 17:45	72	0	0	72	33	1	0	34	74	0	0	0	1	0	75	48	0	1	0	1	0	50	106	125
17:45 to 18:00	70	0	1	71	40	0	3	43	78	0	0	0	0	0	78	47	5	0	0	1	0	53	114	131
18:00 to 18:15	52	0	0	52	36	0	0	36	59	0	0	0	1	0	60	43	0	0	0	1	0	44	88	104
18:15 to 18:30	33	0	1	34	24	0	1	25	35	0	0	0	1	0	36	28	0	0	0	0	0	28	59	64
18:30 to 18:45	41	0	0	41	22	0	0	22	43	0	0	0	0	0	43	27	0	0	0	0	0	27	63	70
18:45 to 19:00	32	0	0	32	18	0	0	18	33	0	0	0	0	0	33	21	0	0	0	0	0	21	50	54
TOTAL	1740	29	47	1816	1735	30	54	1819	2192	144	36	13	76	7	2468	2250	215	40	13	108	5	2631	3635	5099

Table 3.36 LDR8 - Survey Results – hourly data

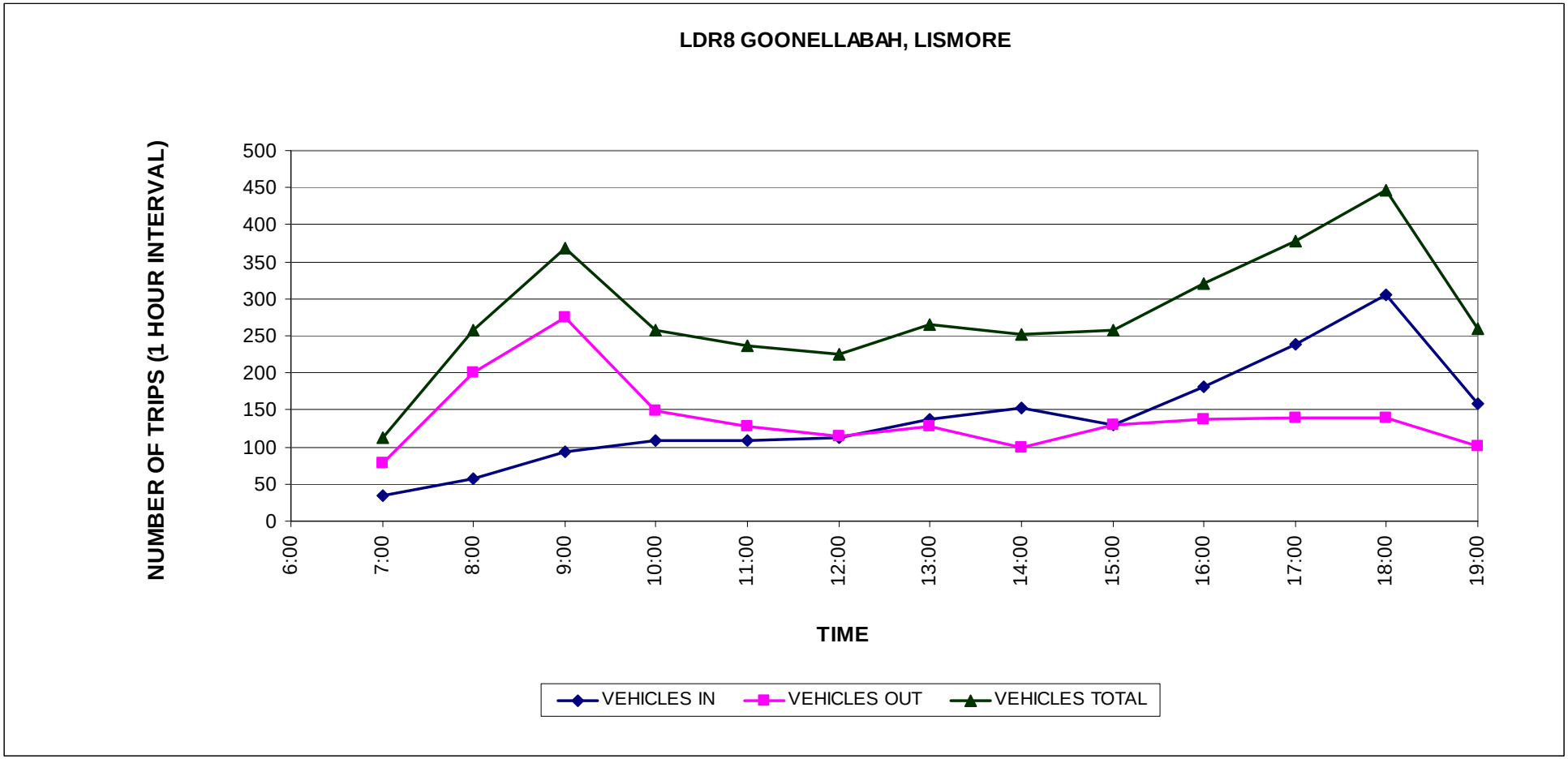
DATE 12 May 2010 1-hour Data	LDR8 GOONELLABAH (LISMORE)																						Grandtotal 1-hour Data	
WEATHER Fine	Vehicles								Persons															
	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	34	0	0	34	79	0	0	79	40	0	0	1	7	0	48	92	0	0	1	13	0	106	113	154
6:15 to 7:15	44	0	0	44	110	0	0	110	51	0	0	1	12	0	64	129	0	0	2	17	2	150	154	214
6:30 to 7:30	51	5	0	56	129	0	0	129	58	0	7	1	15	0	81	152	0	0	2	26	2	182	185	263
6:45 to 7:45	55	5	2	62	147	0	1	148	62	0	7	0	15	0	84	172	0	0	1	26	2	201	210	285
7:00 to 8:00	48	6	3	57	196	1	3	200	54	0	8	0	18	3	83	237	0	2	1	22	2	264	257	347
7:15 to 8:15	51	6	6	63	213	2	6	221	59	16	8	0	13	5	101	263	13	3	0	18	0	297	284	398
7:30 to 8:30	54	1	11	66	243	2	11	256	68	16	1	0	8	5	98	320	64	3	0	15	0	402	322	500
7:45 to 8:45	62	1	9	72	278	2	13	293	80	16	1	0	7	5	109	391	100	3	0	15	0	509	365	618
8:00 to 9:00	82	1	10	93	261	1	13	275	103	16	1	0	3	2	125	383	107	1	0	13	0	504	368	629
8:15 to 9:15	96	2	8	106	245	0	11	256	116	0	3	0	2	0	121	368	103	0	0	14	0	485	362	606
8:30 to 9:30	116	2	4	122	216	0	6	222	138	0	3	0	3	0	144	312	52	0	0	7	0	371	344	515
8:45 to 9:45	115	2	5	122	175	1	5	181	138	0	3	0	2	0	143	242	37	1	0	4	0	284	303	427
9:00 to 10:00	103	2	4	109	141	2	5	148	124	0	3	0	2	0	129	189	34	2	0	5	0	230	257	359
9:15 to 10:15	98	1	4	103	127	3	4	134	122	6	1	0	2	0	131	163	25	3	0	5	0	196	237	327
9:30 to 10:30	77	3	3	83	113	3	5	121	94	6	3	1	1	0	105	147	29	3	1	4	0	184	204	289
9:45 to 10:45	90	3	2	95	114	6	3	123	104	6	3	1	1	0	115	141	8	7	1	4	0	161	218	276
10:00 to 11:00	104	2	2	108	122	5	1	128	122	7	2	1	2	0	134	142	4	6	2	3	0	157	236	291
10:15 to 11:15	111	2	1	114	125	5	2	132	128	1	2	1	3	0	135	150	9	6	3	1	0	169	246	304
10:30 to 11:30	124	1	1	126	128	5	1	134	144	1	1	0	3	0	149	155	5	6	2	3	0	171	260	320
10:45 to 11:45	111	3	1	115	114	1	1	116	131	1	3	0	2	0	137	142	5	1	2	2	1	153	231	290
11:00 to 12:00	107	3	2	112	107	3	4	114	125	10	3	0	3	0	141	136	20	6	1	2	1	166	226	307
11:15 to 12:15	115	3	3	121	114	2	3	119	138	11	3	0	3	0	155	144	15	5	0	2	1	167	240	322
11:30 to 12:30	114	4	4	122	110	2	3	115	140	17	4	2	3	0	166	137	15	5	2	0	1	160	237	326
11:45 to 12:45	122	2	4	128	116	5	4	125	150	17	2	3	3	0	175	142	21	8	3	0	0	174	253	349
12:00 to 13:00	132	3	2	137	123	4	1	128	171	7	4	3	1	0	186	156	6	5	4	0	0	171	265	357
12:15 to 13:15	125	3	2	130	107	4	2	113	162	8	4	4	0	0	178	133	8	5	4	1	0	151	243	329
12:30 to 13:30	126	1	1	128	111	5	2	118	161	2	2	2	0	1	168	139	8	6	3	1	0	157	246	325
12:45 to 13:45	118	1	2	121	108	2	2	112	149	5	2	2	0	1	159	131	5	3	2	1	0	142	233	301
13:00 to 14:00	148	1	3	152	97	1	2	100	212	9	1	2	0	2	226	113	5	1	2	1	0	122	252	348
13:15 to 14:15	140	3	2	145	99	2	3	104	199	7	3	1	1	2	213	117	14	2	2	1	0	136	249	349
13:30 to 14:30	140	5	7	152	99	3	6	108	197	10	6	2	1	1	217	120	32	4	1	2	1	160	260	377
13:45 to 14:45	143	6	6	155	100	3	5	108	206	7	7	3	2	1	226	126	29	4	1	4	1	165	263	391
14:00 to 15:00	116	8	5	129	119	5	5	129	139	3	10	3	2	0	157	143	29	6	0	4	1	183	258	340
14:15 to 15:15	134	7	6	147	128	6	4	138	173	4	9	3	4	0	193	160	19	8	0	5	1	193	285	386
14:30 to 15:30	151	5	1	157	128	5	1	134	214	1	6	4	6	0	231	161	1	6	0	4	1	173	291	404
14:45 to 15:45	172	4	4	180	125	5	3	133	256	53	5	2	6	0	322	153	1	6	0	10	1	171	313	493
15:00 to 16:00	173	1	8	182	123	6	9	138	265	83	1	3	13	0	365	155	1	8	0	16	1	181	320	546
15:15 to 16:15	193	2	9	204	119	4	11	134	296	90	3	3	17	0	409	157	0	5	1	20	1	184	338	593
15:30 to 16:30	203	2	9	214	134	4	11	149	296	90	3	1	22	0	412	183	0	6	1	29	0	219	363	631
15:45 to 16:45	211	2	7	220	141	4	10	155	294	39	3	1	24	0	361	206	2	6	1	24	0	239	375	600
16:00 to 17:00	231	2	5	238	133	1	5	139	310	9	3	0	18	0	340	202	4	2	1	23	0	232	377	572
16:15 to 17:15	256	0	3	259	135	1	3	139	329	1	0	0	12	0	342	199	4	2	0	17	0	222	398	564
16:30 to 17:30	274	0	4	278	123	0	4	127	349	1	0	0	8	0	358	178	4	0	1	11	0	194	405	552
16:45 to 17:45	294	0	3	297	126	1	3	130	353	0	0	0	6	0	359	179	2	1	1	9	0	192	427	551
17:00 to 18:00	304	0	2	306	134	1	5	140	357	0	0	0	5	0	362	183	5	1	1	5	0	195	446	557
17:15 to 18:15	271	0	2	273	138	1	4	143	308	0	0	0	5	0	313	180	5	1	1	6	0	193	416	506
17:30 to 18:30	227	0	2	229	133	1	4	138	246	0	0	0	3	0	249	166	5	1	0	3	0	175	367	424
17:45 to 18:45	196	0	2	198	122	0	4	126	215	0	0	0	2	0	217	145	5	0	0	2	0	152	324	369
18:00 to 19:00	158	0	1	159	100	0	1	101	170	0	0	0	2	0	172	119	0	0	0	1	0	120	260	292

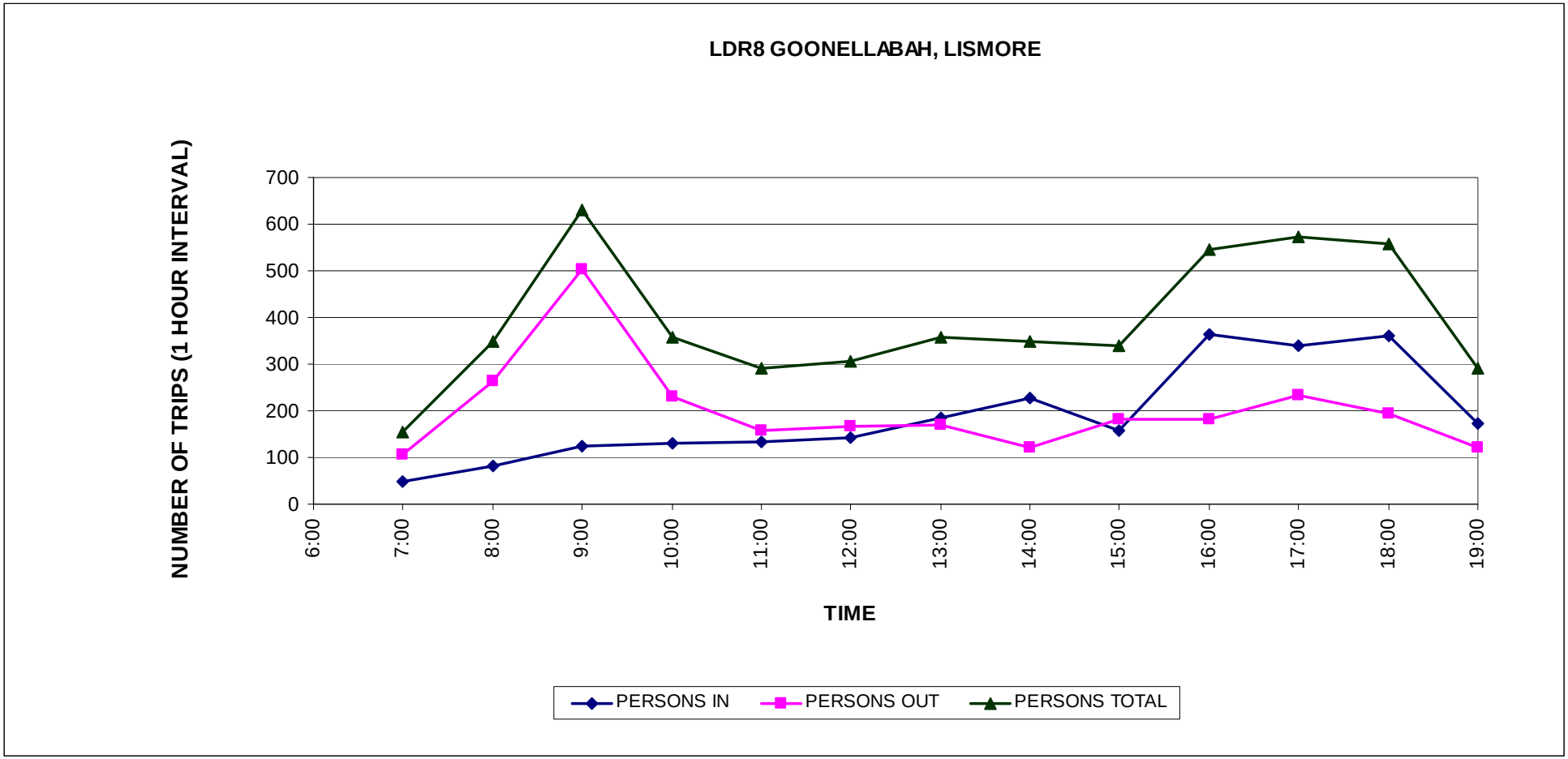
Table 3.37 LDR8 - Peak hours

Peak hour	Vehicles								Persons													
Vehicles	IN				OUT				IN							OUT						
AM	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00 to 9:00	82	1	10	93	261	1	13	275	103	16	1	0	3	2	125	383	107	1	0	13	0	504
PM																						
17:00 to 18:00	304	0	2	306	134	1	5	140	357	0	0	0	5	0	362	183	5	1	1	5	0	195

Peak hour	Vehicles								Persons													
Persons	IN				OUT				IN							OUT						
AM	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00 to 9:00	82	1	10	93	261	1	13	275	103	16	1	0	3	2	125	383	107	1	0	13	0	504
PM																						
15:30 to 16:30	203	2	9	214	134	4	11	149	296	90	3	1	22	0	412	183	0	6	1	29	0	219

DATE 12 May 2010	LDR8 GOONELLABAH (LISMORE)																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	34	0	0	34	79	0	0	79	40	0	0	1	7	0	48	92	0	0	1	13	0	106	113	154
7:00 to 8:00	48	6	3	57	196	1	3	200	54	0	8	0	18	3	83	237	0	2	1	22	2	264	257	347
8:00 to 9:00	82	1	10	93	261	1	13	275	103	16	1	0	3	2	125	383	107	1	0	13	0	504	368	629
9:00 to 10:00	103	2	4	109	141	2	5	148	124	0	3	0	2	0	129	189	34	2	0	5	0	230	257	359
10:00 to 11:00	104	2	2	108	122	5	1	128	122	7	2	1	2	0	134	142	4	6	2	3	0	157	236	291
11:00 to 12:00	107	3	2	112	107	3	4	114	125	10	3	0	3	0	141	136	20	6	1	2	1	166	226	307
12:00 to 13:00	132	3	2	137	123	4	1	128	171	7	4	3	1	0	186	156	6	5	4	0	0	171	265	357
13:00 to 14:00	148	1	3	152	97	1	2	100	212	9	1	2	0	2	226	113	5	1	2	1	0	122	252	348
14:00 to 15:00	116	8	5	129	119	5	5	129	139	3	10	3	2	0	157	143	29	6	0	4	1	183	258	340
15:00 to 16:00	173	1	8	182	123	6	9	138	265	83	1	3	13	0	365	155	1	8	0	16	1	181	320	546
16:00 to 17:00	231	2	5	238	133	1	5	139	310	9	3	0	18	0	340	202	4	2	1	23	0	232	377	572
17:00 to 18:00	304	0	2	306	134	1	5	140	357	0	0	0	5	0	362	183	5	1	1	5	0	195	446	557
18:00 to 19:00	158	0	1	159	100	0	1	101	170	0	0	0	2	0	172	119	0	0	0	1	0	120	260	292
Total	1740	29	47	1816	1735	30	54	1819	2192	144	36	13	76	7	2468	2250	215	40	13	108	5	2631	3635	5099


LDR8 GOONELLABAH, LISMORE
NUMBER OF TRIPS (1 HOUR INTERVAL)
500
450
400
350
300
250
200
150
100
50
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR8 GOONELLABAH, LISMORE
NUMBER OF TRIPS (1 HOUR INTERVAL)
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.9 LDR9 Calare (Orange)

Table 3.38 LDR9 - Survey Results – 15 mins data

DATE 6 May 2010	LDR9 ORANGE																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	1	0	0	1	14	0	0	14	2	0	0	0	1	0	3	16	0	0	0	1	0	17	15	20
6:15 to 6:30	3	0	0	3	22	0	0	22	5	0	0	0	0	0	5	23	0	0	0	2	1	26	25	31
6:30 to 6:45	8	0	0	8	40	0	0	40	9	0	0	0	2	0	11	44	0	0	0	1	0	45	48	56
6:45 to 7:00	7	0	1	8	47	0	0	47	7	2	0	0	0	0	9	55	0	0	0	3	0	58	55	67
7:00 to 7:15	12	1	0	13	35	0	1	36	12	0	3	0	0	0	15	44	4	0	0	3	0	51	49	66
7:15 to 7:30	17	0	0	17	43	0	0	43	24	0	0	0	2	1	27	47	0	0	0	0	0	47	60	74
7:30 to 7:45	14	0	0	14	46	0	0	46	17	0	0	0	1	0	18	55	0	0	2	2	0	59	60	77
7:45 to 8:00	28	0	2	30	90	0	1	91	34	0	0	0	2	0	36	107	31	0	0	4	0	142	121	178
8:00 to 8:15	24	0	0	24	83	0	2	85	28	0	0	0	3	1	32	111	41	0	0	9	0	161	109	193
8:15 to 8:30	24	0	0	24	115	0	0	115	38	0	0	0	2	0	40	192	0	0	0	2	1	195	139	235
8:30 to 8:45	31	0	0	31	152	0	0	152	41	0	0	0	0	0	41	275	0	0	0	0	0	275	183	316
8:45 to 9:00	43	2	3	48	110	0	2	112	49	0	2	1	1	0	53	206	13	0	0	2	0	221	160	274
9:00 to 9:15	36	0	0	36	33	0	1	34	39	0	0	0	0	1	40	62	19	0	2	1	0	84	70	124
9:15 to 9:30	42	0	0	42	58	1	0	59	49	0	0	1	1	0	51	82	0	1	0	2	0	85	101	136
9:30 to 9:45	39	0	1	40	34	0	1	35	41	0	0	1	3	0	45	38	12	0	0	0	0	50	75	95
9:45 to 10:00	19	0	0	19	52	0	0	52	22	0	0	0	3	0	25	58	0	0	0	1	0	59	71	84
10:00 to 10:15	37	0	0	37	49	0	0	49	43	0	0	0	1	0	44	67	0	0	0	1	0	68	86	112
10:15 to 10:30	29	1	0	30	32	0	0	32	33	0	1	1	0	0	35	46	0	0	0	2	0	48	62	83
10:30 to 10:45	40	0	0	40	44	0	0	44	51	0	0	0	0	0	51	55	0	0	0	0	0	55	84	106
10:45 to 11:00	43	0	0	43	35	1	0	36	57	0	0	0	2	0	59	54	0	1	0	0	0	55	79	114
11:00 to 11:15	50	1	0	51	32	0	0	32	68	0	1	1	0	0	70	45	0	0	1	0	0	46	83	116
11:15 to 11:30	28	0	1	29	24	0	0	24	44	7	0	0	1	0	52	28	0	0	1	0	0	29	53	81
11:30 to 11:45	34	1	0	35	31	2	0	33	46	0	1	0	2	0	49	37	0	2	0	1	0	40	68	89
11:45 to 12:00	35	0	0	35	41	0	1	42	50	0	0	0	2	0	52	58	0	0	1	0	0	59	77	111
12:00 to 12:15	41	0	1	42	34	0	0	34	53	1	0	0	3	0	57	47	0	0	0	1	0	48	76	105
12:15 to 12:30	42	0	0	42	36	0	0	36	61	0	0	0	0	0	61	51	0	0	0	1	0	52	78	113
12:30 to 12:45	45	0	0	45	33	0	0	33	58	0	0	1	0	0	59	37	0	0	0	0	0	37	78	96
12:45 to 13:00	41	0	0	41	33	0	0	33	51	0	0	0	1	0	52	44	0	0	0	1	0	45	74	97
13:00 to 13:15	59	0	1	60	30	0	1	31	71	1	0	0	1	0	73	35	0	0	0	0	0	35	91	108
13:15 to 13:30	33	0	0	33	32	0	0	32	41	0	0	0	0	0	41	38	0	0	0	0	0	38	65	79
13:30 to 13:45	44	0	0	44	37	1	0	38	59	0	0	0	0	0	59	51	0	1	0	0	0	52	82	111
13:45 to 14:00	32	0	0	32	42	1	0	43	43	0	0	0	0	0	43	51	0	1	1	0	0	53	75	96
14:00 to 14:15	44	0	0	44	51	1	0	52	54	0	0	1	3	0	58	59	0	1	1	1	0	62	96	120
14:15 to 14:30	34	2	0	36	48	0	1	49	43	0	2	0	0	0	45	59	1	0	0	0	0	60	85	105
14:30 to 14:45	34	0	1	35	41	1	1	43	46	1	0	0	1	0	48	52	1	2	0	0	0	55	78	103
14:45 to 15:00	40	0	0	40	71	0	0	71	49	0	0	1	1	0	51	88	0	0	0	0	0	88	111	139
15:00 to 15:15	39	0	1	40	47	0	0	47	61	0	0	0	1	0	62	64	0	0	0	1	0	65	87	127
15:15 to 15:30	74	1	1	76	41	0	2	43	142	26	2	0	0	0	170	68	2	0	2	4	0	76	119	246
15:30 to 15:45	88	0	0	88	46	0	0	46	170	0	0	0	1	0	171	65	0	0	0	2	0	67	134	238
15:45 to 16:00	73	0	0	73	64	0	0	64	125	0	0	2	16	0	143	115	0	0	0	1	0	116	137	259
16:00 to 16:15	92	0	2	94	47	0	2	49	146	47	0	0	2	0	195	73	0	0	0	1	0	74	143	269
16:15 to 16:30	72	0	0	72	84	0	1	85	103	0	0	0	5	0	108	123	2	0	0	3	0	128	157	236
16:30 to 16:45	70	0	0	70	49	0	0	49	110	0	0	1	2	0	113	76	0	0	0	2	0	78	119	191
16:45 to 17:00	82	0	1	83	50	0	0	50	119	1	0	0	2	0	122	77	0	0	0	1	0	78	133	200
17:00 to 17:15	118	0	0	118	45	0	0	45	161	0	0	0	1	0	162	75	0	0	0	1	0	76	163	238
17:15 to 17:30	129	0	1	130	64	0	0	64	196	2	0	0	1	0	199	101	0	0	0	1	0	102	194	301
17:30 to 17:45	89	0	0	89	47	0	1	48	118	0	0	1	1	0	120	76	1	0	0	1	0	78	137	198
17:45 to 18:00	77	0	0	77	46	0	0	46	115	0	0	0	1	0	116	64	0	0	0	0	0	64	123	180
18:00 to 18:15	73	0	0	73	45	0	0	45	93	0	0	0	0	0	93	76	0	0	0	0	0	76	118	169
18:15 to 18:30	57	0	0	57	37	0	0	37	79	0	0	0	0	0	79	53	0	0	0	0	0	53	94	132
18:30 to 18:45	57	0	0	57	40	0	0	40	78	0	0	0	0	0	78	59	0	0	0	0	0	59	97	137
18:45 to 19:00	52	1	0	53	32	0	0	32	73	0	1	0	0	0	74	49	0	0	0	2	0	51	85	125
TOTAL	2375	10	17	2402	2534	8	18	2560	3327	88	13	12	72	3	3515	3631	127	9	11	61	2	3841	4962	7356

Table 3.39 LDR9 - Survey Results – hourly data

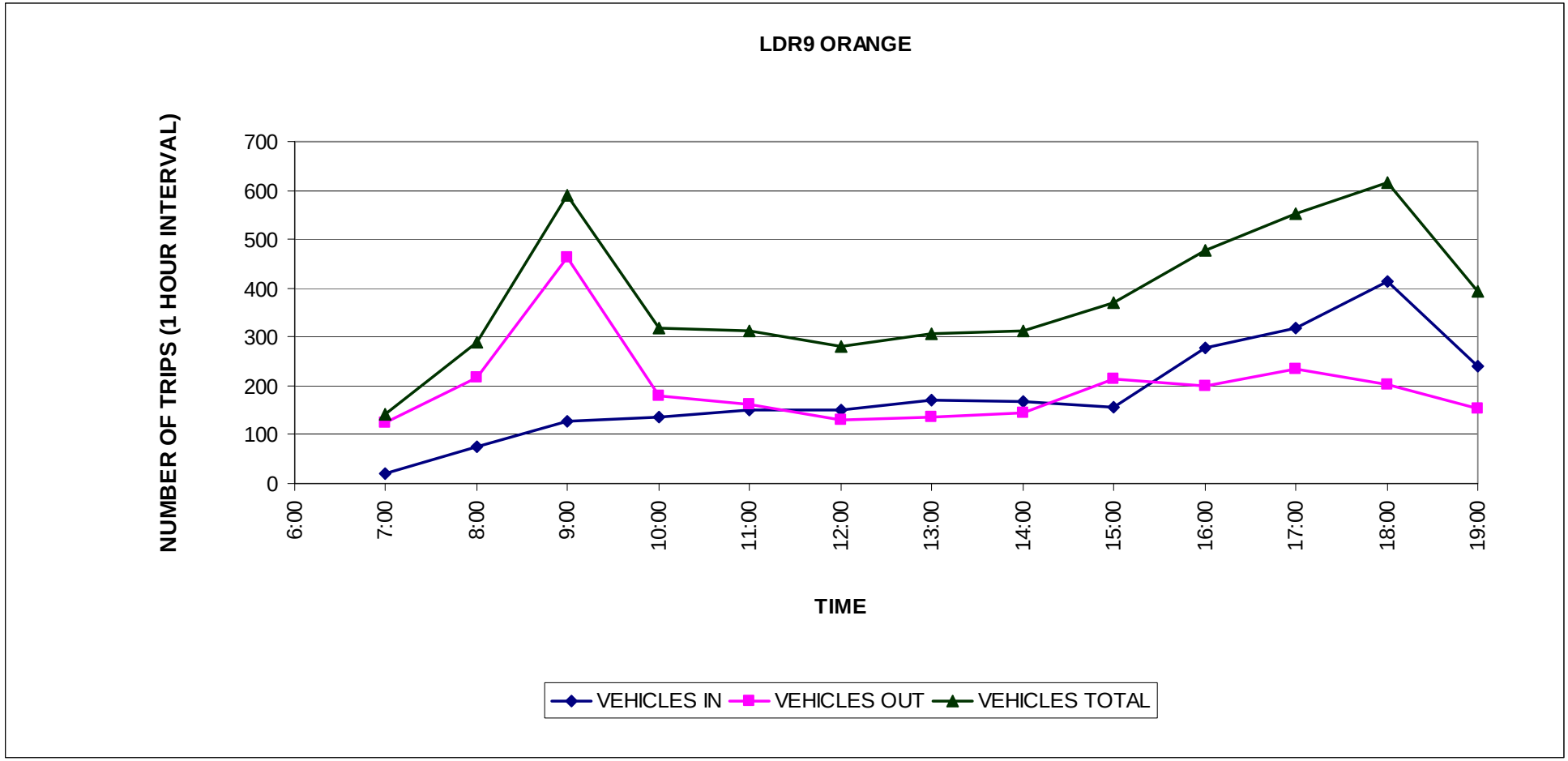
DATE 6 May 2010	LDR9 ORANGE																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	19	0	1	20	123	0	0	123	23	2	0	0	3	0	28	138	0	0	0	7	1	146	143	174
6:15 to 7:15	30	1	1	32	144	0	1	145	33	2	3	0	2	0	40	166	4	0	0	9	1	180	177	220
6:30 to 7:30	44	1	1	46	165	0	1	166	52	2	3	0	4	1	62	190	4	0	0	7	0	201	212	263
6:45 to 7:45	50	1	1	52	171	0	1	172	60	2	3	0	3	1	69	201	4	0	2	8	0	215	224	284
7:00 to 8:00	71	1	2	74	214	0	2	216	87	0	3	0	5	1	96	253	35	0	2	9	0	299	290	395
7:15 to 8:15	83	0	2	85	262	0	3	265	103	0	0	0	8	2	113	320	72	0	2	15	0	409	350	522
7:30 to 8:30	90	0	2	92	334	0	3	337	117	0	0	0	8	1	126	465	72	0	2	17	1	557	429	683
7:45 to 8:45	107	0	2	109	440	0	3	443	141	0	0	0	7	1	149	685	72	0	0	15	1	773	552	922
8:00 to 9:00	122	2	3	127	460	0	4	464	156	0	2	1	6	1	166	784	54	0	0	13	1	852	591	1018
8:15 to 9:15	134	2	3	139	410	0	3	413	167	0	2	1	3	1	174	735	32	0	2	5	1	775	552	949
8:30 to 9:30	152	2	3	157	353	1	3	357	178	0	2	2	2	1	185	625	32	1	2	5	0	665	514	850
8:45 to 9:45	160	2	4	166	235	1	4	240	178	0	2	3	5	1	189	388	44	1	2	5	0	440	406	629
9:00 to 10:00	136	0	1	137	177	1	2	180	151	0	0	2	7	1	161	240	31	1	2	4	0	278	317	439
9:15 to 10:15	137	0	1	138	193	1	1	195	155	0	0	2	8	0	165	245	12	1	0	4	0	262	333	427
9:30 to 10:30	124	1	1	126	167	0	1	168	139	0	1	2	7	0	149	209	12	0	0	4	0	225	294	374
9:45 to 10:45	125	1	0	126	177	0	0	177	149	0	1	1	4	0	155	226	0	0	0	4	0	230	303	385
10:00 to 11:00	149	1	0	150	160	1	0	161	184	0	1	1	3	0	189	222	0	1	0	3	0	226	311	415
10:15 to 11:15	162	2	0	164	143	1	0	144	209	0	2	2	2	0	215	200	0	1	1	2	0	204	308	419
10:30 to 11:30	161	1	1	163	135	1	0	136	220	7	1	1	3	0	232	182	0	1	2	0	0	185	299	417
10:45 to 11:45	155	2	1	158	122	3	0	125	215	7	2	1	5	0	230	164	0	3	2	1	0	170	283	400
11:00 to 12:00	147	2	1	150	128	2	1	131	208	7	2	1	5	0	223	168	0	2	3	1	0	174	281	397
11:15 to 12:15	138	1	2	141	130	2	1	133	193	8	1	0	8	0	210	170	0	2	2	2	0	176	274	386
11:30 to 12:30	152	1	1	154	142	2	1	145	210	1	1	0	7	0	219	193	0	2	1	3	0	199	299	418
11:45 to 12:45	163	0	1	164	144	0	1	145	222	1	0	1	5	0	229	193	0	0	1	2	0	196	309	425
12:00 to 13:00	169	0	1	170	136	0	0	136	223	1	0	1	4	0	229	179	0	0	0	3	0	182	306	411
12:15 to 13:15	187	0	1	188	132	0	1	133	241	1	0	1	2	0	245	167	0	0	0	2	0	169	321	414
12:30 to 13:30	178	0	1	179	128	0	1	129	221	1	0	1	2	0	225	154	0	0	0	1	0	155	308	380
12:45 to 13:45	177	0	1	178	132	1	1	134	222	1	0	0	2	0	225	168	0	1	0	1	0	170	312	395
13:00 to 14:00	168	0	1	169	141	2	1	144	214	1	0	0	1	0	216	175	0	2	1	0	0	178	313	394
13:15 to 14:15	153	0	0	153	162	3	0	165	197	0	0	1	3	0	201	199	0	3	2	1	0	205	318	406
13:30 to 14:30	154	2	0	156	178	3	1	182	199	0	2	1	3	0	205	220	1	3	2	1	0	227	338	432
13:45 to 14:45	144	2	1	147	182	3	2	187	186	1	2	1	4	0	194	221	2	4	2	1	0	230	334	424
14:00 to 15:00	152	2	1	155	211	2	2	215	192	1	2	2	5	0	202	258	2	3	1	1	0	265	370	467
14:15 to 15:15	147	2	2	151	207	1	2	210	199	1	2	1	3	0	206	263	2	2	0	1	0	268	361	474
14:30 to 15:30	187	1	3	191	200	1	3	204	298	27	2	1	3	0	331	272	3	2	2	5	0	284	395	615
14:45 to 15:45	241	1	2	244	205	0	2	207	422	26	2	1	3	0	454	285	2	0	2	7	0	296	451	750
15:00 to 16:00	274	1	2	277	198	0	2	200	498	26	2	2	18	0	546	312	2	0	2	8	0	324	477	870
15:15 to 16:15	327	1	3	331	198	0	4	202	583	73	2	2	19	0	679	321	2	0	2	8	0	333	533	1012
15:30 to 16:30	325	0	2	327	241	0	3	244	544	47	0	2	24	0	617	376	2	0	0	7	0	385	571	1002
15:45 to 16:45	307	0	2	309	244	0	3	247	484	47	0	3	25	0	559	387	2	0	0	7	0	396	556	955
16:00 to 17:00	316	0	3	319	230	0	3	233	478	48	0	1	11	0	538	349	2	0	0	7	0	358	552	896
16:15 to 17:15	342	0	1	343	228	0	1	229	493	1	0	1	10	0	505	351	2	0	0	7	0	360	572	865
16:30 to 17:30	399	0	2	401	208	0	0	208	586	3	0	1	6	0	596	329	0	0	0	5	0	334	609	930
16:45 to 17:45	418	0	2	420	206	0	1	207	594	3	0	1	5	0	603	329	1	0	0	4	0	334	627	937
17:00 to 18:00	413	0	1	414	202	0	1	203	590	2	0	1	4	0	597	316	1	0	0	3	0	320	617	917
17:15 to 18:15	368	0	1	369	202	0	1	203	522	2	0	1	3	0	528	317	1	0	0	2	0	320	572	848
17:30 to 18:30	296	0	0	296	175	0	1	176	405	0	0	1	2	0	408	269	1	0	0	1	0	271	472	679
17:45 to 18:45	264	0	0	264	168	0	0	168	365	0	0	0	1	0	366	252	0	0	0	0	0	252	432	618
18:00 to 19:00	239	1	0	240	154	0	0	154	323	0	1	0	0	0	324	237	0	0	0	2	0	239	394	563

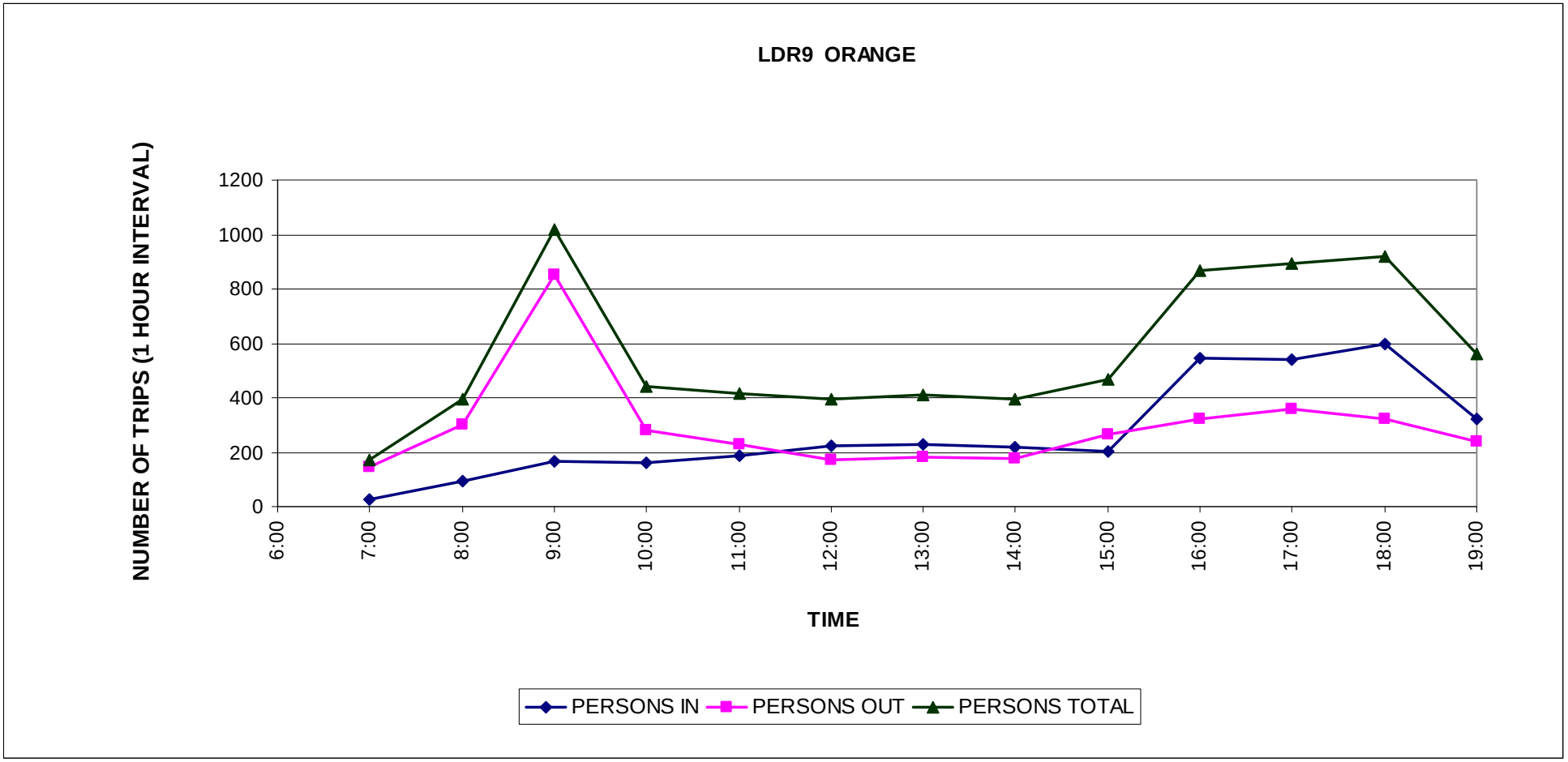
Table 3.40 LDR9 - Peak hours

Peak hour	Vehicles								Persons													
Vehicles	IN				OUT				IN							OUT						
AM	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00 to 9:00	122	2	3	127	460	0	4	464	156	0	2	1	6	1	166	784	54	0	0	13	1	852
PM																						
16:45 to 17:45	418	0	2	420	206	0	1	207	594	3	0	1	5	0	603	329	1	0	0	4	0	334

Peak hour	Vehicles								Persons													
Persons	IN				OUT				IN							OUT						
AM	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:00 to 9:00	122	2	3	127	460	0	4	464	156	0	2	1	6	1	166	784	54	0	0	13	1	852
PM																						
15:15 to 16:15	327	1	3	331	198	0	4	202	583	73	2	2	19	0	679	321	2	0	2	8	0	333

DATE 6 May 2010	LDR9 ORANGE																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	19	0	1	20	123	0	0	123	23	2	0	0	3	0	28	138	0	0	0	7	1	146	143	174
7:00 to 8:00	71	1	2	74	214	0	2	216	87	0	3	0	5	1	96	253	35	0	2	9	0	299	290	395
8:00 to 9:00	122	2	3	127	460	0	4	464	156	0	2	1	6	1	166	784	54	0	0	13	1	852	591	1018
9:00 to 10:00	136	0	1	137	177	1	2	180	151	0	0	2	7	1	161	240	31	1	2	4	0	278	317	439
10:00 to 11:00	149	1	0	150	160	1	0	161	184	0	1	1	3	0	189	222	0	1	0	3	0	226	311	415
11:00 to 12:00	147	2	1	150	128	2	1	131	208	7	2	1	5	0	223	168	0	2	3	1	0	174	281	397
12:00 to 13:00	169	0	1	170	136	0	0	136	223	1	0	1	4	0	229	179	0	0	0	3	0	182	306	411
13:00 to 14:00	168	0	1	169	141	2	1	144	214	1	0	0	1	0	216	175	0	2	1	0	0	178	313	394
14:00 to 15:00	152	2	1	155	211	2	2	215	192	1	2	2	5	0	202	258	2	3	1	1	0	265	370	467
15:00 to 16:00	274	1	2	277	198	0	2	200	498	26	2	2	18	0	546	312	2	0	2	8	0	324	477	870
16:00 to 17:00	316	0	3	319	230	0	3	233	478	48	0	1	11	0	538	349	2	0	0	7	0	358	552	896
17:00 to 18:00	413	0	1	414	202	0	1	203	590	2	0	1	4	0	597	316	1	0	0	3	0	320	617	917
18:00 to 19:00	239	1	0	240	154	0	0	154	323	0	1	0	0	0	324	237	0	0	0	2	0	239	394	563
Total	2375	10	17	2402	2534	8	18	2560	3327	88	13	12	72	3	3515	3631	127	9	11	61	2	3841	4962	7356


LDR9 ORANGE
NUMBER OF TRIPS (1 HOUR INTERVAL)
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR9 ORANGE
NUMBER OF TRIPS (1 HOUR INTERVAL)
1200
1000
800
600
400
200
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.10 LDR10 Glenfield park (Wagga Wagga)

Table 3.41 LDR10 - Survey Results – 15 mins data

DATE 5 May 2010	LDR10 GLENFIELD PARK,WAGGA WAGGA																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	0	0	0	0	13	0	0	13	0	0	0	0	0	0	0	13	0	0	0	0	0	13	13	13
6:15 to 6:30	4	0	0	4	24	0	0	24	4	0	0	0	0	0	4	24	0	0	0	1	0	25	28	29
6:30 to 6:45	9	0	0	9	39	0	0	39	9	0	0	0	0	0	9	41	0	0	0	0	0	41	48	50
6:45 to 7:00	5	0	0	5	38	0	0	38	7	0	0	0	2	0	9	42	0	0	0	0	0	42	43	51
7:00 to 7:15	13	1	0	14	34	1	0	35	14	0	1	0	0	0	15	34	0	1	0	0	0	35	49	50
7:15 to 7:30	4	0	0	4	31	0	1	32	4	0	0	0	0	0	4	35	1	0	0	0	0	36	36	40
7:30 to 7:45	15	1	1	17	53	0	0	53	15	0	1	0	0	0	16	61	0	0	0	0	0	61	70	77
7:45 to 8:00	7	0	2	9	74	0	0	74	8	0	0	0	0	0	8	101	0	0	0	2	0	103	83	111
8:00 to 8:15	14	1	2	17	55	1	3	59	14	0	1	0	0	0	15	82	5	1	0	0	0	88	76	103
8:15 to 8:30	15	1	2	18	76	1	2	79	19	0	2	0	0	0	21	116	5	1	0	0	0	122	97	143
8:30 to 8:45	8	0	2	10	86	1	2	89	10	0	0	0	0	0	10	137	10	2	1	1	0	151	99	161
8:45 to 9:00	28	0	1	29	69	1	1	71	34	0	0	0	0	0	34	121	4	2	0	1	0	128	100	162
9:00 to 9:15	27	2	0	29	46	2	1	49	30	0	2	0	1	0	33	74	5	2	0	2	0	83	78	116
9:15 to 9:30	18	0	2	20	18	0	0	18	25	16	0	0	0	0	41	26	0	0	0	2	0	28	38	69
9:30 to 9:45	21	0	0	21	30	0	1	31	25	0	0	0	1	0	26	35	5	0	0	1	0	41	52	67
9:45 to 10:00	15	0	0	15	27	0	0	27	19	0	0	0	0	0	19	49	0	0	0	0	0	49	42	68
10:00 to 10:15	17	1	0	18	13	0	0	13	20	0	1	0	0	0	21	20	0	0	0	1	0	21	31	42
10:15 to 10:30	22	0	1	23	29	0	1	30	24	5	0	0	1	0	30	35	3	0	1	0	0	39	53	69
10:30 to 10:45	12	1	1	14	29	2	1	32	17	1	1	0	0	0	19	40	1	4	0	0	0	45	46	64
10:45 to 11:00	24	0	0	24	12	0	0	12	27	0	0	0	0	0	27	12	0	0	0	0	0	12	36	39
11:00 to 11:15	8	0	0	8	20	1	0	21	8	0	0	0	0	0	8	26	0	1	0	1	1	29	29	37
11:15 to 11:30	28	0	1	29	25	1	1	27	30	7	0	0	1	0	38	33	3	1	0	0	0	37	56	75
11:30 to 11:45	15	0	1	16	19	0	0	19	16	3	0	0	2	0	21	25	0	0	0	0	0	25	35	46
11:45 to 12:00	17	0	0	17	20	0	0	20	17	0	0	0	0	1	18	24	0	0	0	0	0	24	37	42
12:00 to 12:15	31	0	0	31	15	0	0	15	34	0	0	0	0	0	34	19	0	0	0	1	0	20	46	54
12:15 to 12:30	27	0	1	28	21	0	1	22	31	5	0	0	1	0	37	23	7	0	1	0	0	31	50	68
12:30 to 12:45	34	0	1	35	35	0	1	36	44	3	0	0	0	0	47	41	4	0	0	0	0	45	71	92
12:45 to 13:00	26	1	0	27	28	0	0	28	33	0	2	0	0	0	35	35	0	0	0	0	0	35	55	70
13:00 to 13:15	25	0	0	25	24	1	0	25	35	0	0	0	0	0	35	29	0	1	0	0	0	30	50	65
13:15 to 13:30	17	0	0	17	20	0	0	20	19	0	0	0	0	0	19	22	0	0	0	0	0	22	37	41
13:30 to 13:45	26	0	1	27	27	0	1	28	29	3	0	0	0	0	32	31	10	0	0	1	0	42	55	74
13:45 to 14:00	22	0	1	23	21	0	1	22	28	1	0	0	1	0	30	25	1	0	0	0	0	26	45	56
14:00 to 14:15	22	0	0	22	17	0	0	17	31	0	0	0	0	0	31	19	0	0	0	1	0	20	39	51
14:15 to 14:30	32	0	1	33	22	0	1	23	37	2	0	1	0	0	40	28	2	0	0	0	0	30	56	70
14:30 to 14:45	22	0	1	23	31	0	1	32	27	2	0	0	0	0	29	41	2	0	0	0	0	43	55	72
14:45 to 15:00	31	0	0	31	31	0	0	31	40	0	0	0	0	0	40	46	0	0	0	0	0	46	62	86
15:00 to 15:15	43	0	0	43	44	0	1	45	60	0	0	0	0	0	60	57	3	0	0	0	0	60	88	120
15:15 to 15:30	44	0	3	47	21	0	2	23	75	40	0	0	1	0	116	27	0	0	0	0	0	27	70	143
15:30 to 15:45	65	0	1	66	26	0	2	28	125	1	0	0	2	0	128	33	2	0	0	1	0	36	94	164
15:45 to 16:00	66	0	3	69	34	0	1	35	92	83	0	0	1	0	176	49	0	0	0	0	0	49	104	225
16:00 to 16:15	59	0	2	61	42	0	4	46	84	27	0	0	0	0	111	61	0	0	0	3	0	64	107	175
16:15 to 16:30	74	0	2	76	45	0	1	46	96	4	0	0	0	0	100	69	0	0	0	0	0	69	122	169
16:30 to 16:45	78	0	0	78	32	0	1	33	98	0	0	0	2	0	100	41	1	0	0	2	0	44	111	144
16:45 to 17:00	75	0	0	75	45	0	0	45	104	0	0	0	0	0	104	62	0	0	0	1	0	63	120	167
17:00 to 17:15	75	0	1	76	34	0	1	35	99	1	0	0	1	0	101	35	1	0	0	0	0	36	111	137
17:15 to 17:30	89	0	1	90	36	0	1	37	122	2	0	0	3	0	127	46	1	0	0	0	0	47	127	174
17:30 to 17:45	71	0	0	71	39	0	0	39	97	0	0	0	0	0	97	52	0	0	0	2	0	54	110	151
17:45 to 18:00	83	1	0	84	45	0	0	45	112	0	1	0	4	0	117	57	0	0	0	0	0	57	129	174
18:00 to 18:15	79	0	0	79	34	0	1	35	95	0	0	0	0	0	95	39	1	0	0	0	0	40	114	135
18:15 to 18:30	50	0	1	51	37	0	1	38	61	2	0	0	2	0	65	49	1	0	0	0	0	50	89	115
18:30 to 18:45	41	0	0	41	36	0	0	36	52	0	0	0	0	0	52	39	0	0	0	1	0	40	77	92
18:45 to 19:00	25	0	0	25	26	1	0	27	30	0	0	0	0	0	30	39	0	1	0	0	0	40	52	70
TOTAL	1678	10	36	1724	1748	13	36	1797	2186	208	12	1	26	1	2434	2320	78	17	3	25	1	2444	3521	4878

Table 3.42 LDR10 - Survey Results – hourly data

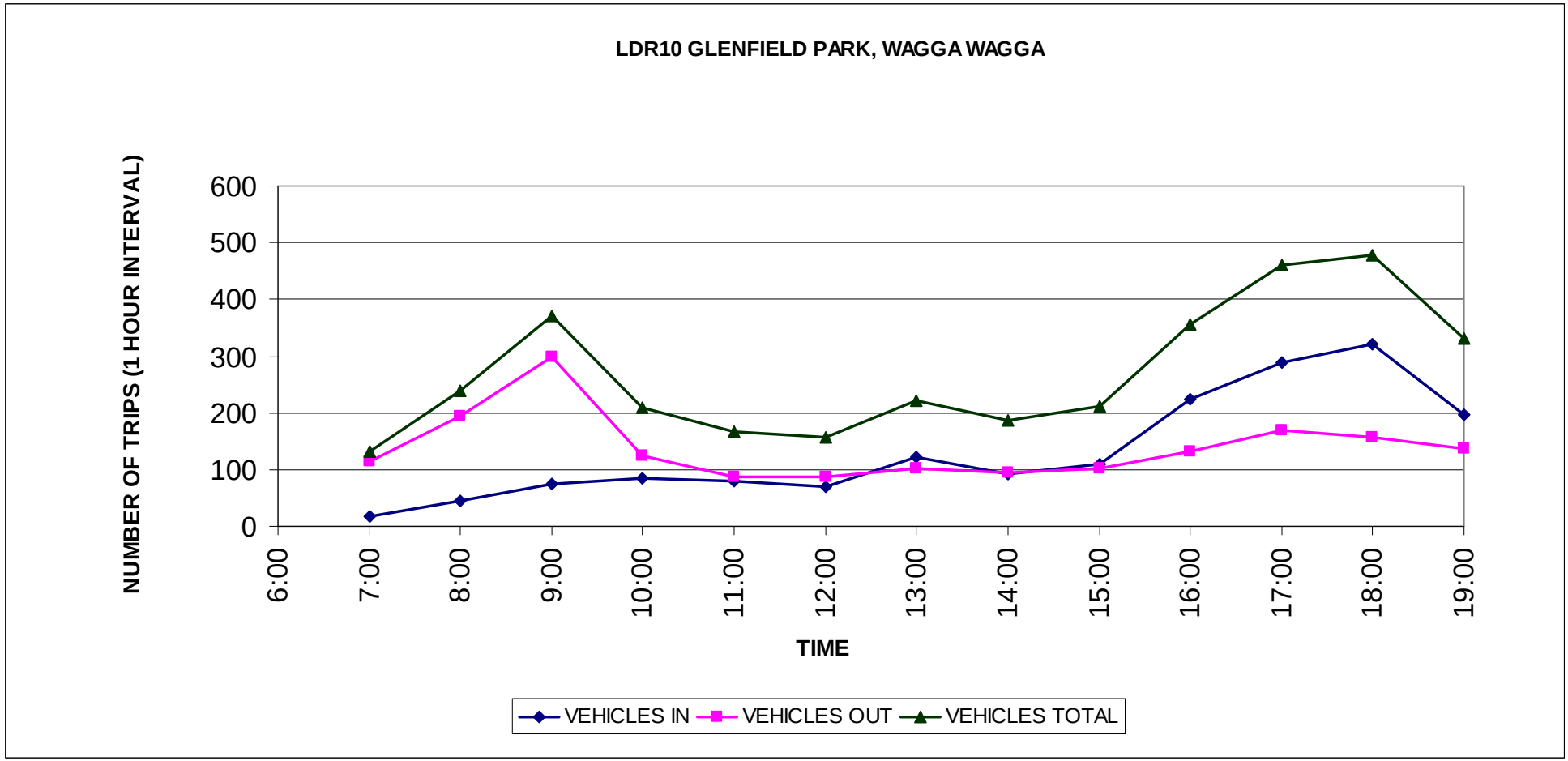
DATE 5 May 2010	LDR10 GLENFIELD PARK,WAGGA WAGGA																					Grandtotal	
1-hour Data	Vehicles								Persons													1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT							
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	18	0	0	18	114	0	0	114	20	0	0	0	2	0	22	120	0	0	0	1	0	121	132	143
6:15 to 7:15	31	1	0	32	135	1	0	136	34	0	1	0	2	0	37	141	0	1	0	1	0	143	168	180
6:30 to 7:30	31	1	0	32	142	1	1	144	34	0	1	0	2	0	37	152	1	1	0	0	0	154	176	191
6:45 to 7:45	37	2	1	40	156	1	1	158	40	0	2	0	2	0	44	172	1	1	0	0	0	174	198	218
7:00 to 8:00	39	2	3	44	192	1	1	194	41	0	2	0	0	0	43	231	1	1	0	2	0	235	238	278
7:15 to 8:15	40	2	5	47	213	1	4	218	41	0	2	0	0	0	43	279	6	1	0	2	0	288	265	331
7:30 to 8:30	51	3	7	61	258	2	5	265	56	0	4	0	0	0	60	360	10	2	0	2	0	374	326	434
7:45 to 8:45	44	2	8	54	291	3	7	301	51	0	3	0	0	0	54	436	20	4	1	3	0	464	355	518
8:00 to 9:00	65	2	7	74	286	4	8	298	77	0	3	0	0	0	80	456	24	6	1	2	0	489	372	569
8:15 to 9:15	78	3	5	86	277	5	6	288	93	0	4	0	1	0	98	448	24	7	1	4	0	484	374	582
8:30 to 9:30	81	2	5	88	219	4	4	227	99	16	2	0	1	0	118	358	19	6	1	6	0	390	315	508
8:45 to 9:45	94	2	3	99	163	3	3	169	114	16	2	0	2	0	134	256	14	4	0	6	0	280	268	414
9:00 to 10:00	81	2	2	85	121	2	2	125	99	16	2	0	2	0	119	184	10	2	0	5	0	201	210	320
9:15 to 10:15	71	1	2	74	88	0	1	89	89	16	1	0	1	0	107	130	5	0	0	4	0	139	163	246
9:30 to 10:30	75	1	1	77	99	0	2	101	88	5	1	0	2	0	96	139	8	0	1	2	0	150	178	246
9:45 to 10:45	66	2	2	70	98	2	2	102	80	6	2	0	1	0	89	144	4	4	1	1	0	154	172	243
10:00 to 11:00	75	2	2	79	83	2	2	87	88	6	2	0	1	0	97	107	4	4	1	1	0	117	166	214
10:15 to 11:15	66	1	2	69	90	3	2	95	76	6	1	0	1	0	84	113	4	5	1	1	1	125	164	209
10:30 to 11:30	72	1	2	75	86	4	2	92	82	8	1	0	1	0	92	111	4	6	0	1	1	123	167	215
10:45 to 11:45	75	0	2	77	76	2	1	79	81	10	0	0	3	0	94	96	3	2	0	1	1	103	156	197
11:00 to 12:00	68	0	2	70	84	2	1	87	71	10	0	0	3	1	85	108	3	2	0	1	1	115	157	200
11:15 to 12:15	91	0	2	93	79	1	1	81	97	10	0	0	3	1	111	101	3	1	0	1	0	106	174	217
11:30 to 12:30	90	0	2	92	75	0	1	76	98	8	0	0	3	1	110	91	7	0	1	1	0	100	168	210
11:45 to 12:45	109	0	2	111	91	0	2	93	126	8	0	0	1	1	136	107	11	0	1	1	0	120	204	256
12:00 to 13:00	118	1	2	121	99	0	2	101	142	8	2	0	1	0	153	118	11	0	1	1	0	131	222	284
12:15 to 13:15	112	1	2	115	108	1	2	111	143	8	2	0	1	0	154	128	11	1	1	0	0	141	226	295
12:30 to 13:30	102	1	1	104	107	1	1	109	131	3	2	0	0	0	136	127	4	1	0	0	0	132	213	268
12:45 to 13:45	94	1	1	96	99	1	1	101	116	3	2	0	0	0	121	117	10	1	0	1	0	129	197	250
13:00 to 14:00	90	0	2	92	92	1	2	95	111	4	0	0	1	0	116	107	11	1	0	1	0	120	187	236
13:15 to 14:15	87	0	2	89	85	0	2	87	107	4	0	0	1	0	112	97	11	0	0	2	0	110	176	222
13:30 to 14:30	102	0	3	105	87	0	3	90	125	6	0	1	1	0	133	103	13	0	0	2	0	118	195	251
13:45 to 14:45	98	0	3	101	91	0	3	94	123	5	0	1	1	0	130	113	5	0	0	1	0	119	195	249
14:00 to 15:00	107	0	2	109	101	0	2	103	135	4	0	1	0	0	140	134	4	0	0	1	0	139	212	279
14:15 to 15:15	128	0	2	130	128	0	3	131	164	4	0	1	0	0	169	172	7	0	0	0	0	179	261	348
14:30 to 15:30	140	0	4	144	127	0	4	131	202	42	0	0	1	0	245	171	5	0	0	0	0	176	275	421
14:45 to 15:45	183	0	4	187	122	0	5	127	300	41	0	0	3	0	344	163	5	0	0	1	0	169	314	513
15:00 to 16:00	218	0	7	225	125	0	6	131	352	124	0	0	4	0	480	166	5	0	0	1	0	172	356	652
15:15 to 16:15	234	0	9	243	123	0	9	132	376	151	0	0	4	0	531	170	2	0	0	4	0	176	375	707
15:30 to 16:30	264	0	8	272	147	0	8	155	397	115	0	0	3	0	515	212	2	0	0	4	0	218	427	733
15:45 to 16:45	277	0	7	284	153	0	7	160	370	114	0	0	3	0	487	220	1	0	0	5	0	226	444	713
16:00 to 17:00	286	0	4	290	164	0	6	170	382	31	0	0	2	0	415	233	1	0	0	6	0	240	460	655
16:15 to 17:15	302	0	3	305	156	0	3	159	397	5	0	0	3	0	405	207	2	0	0	3	0	212	464	617
16:30 to 17:30	317	0	2	319	147	0	3	150	423	3	0	0	6	0	432	184	3	0	0	3	0	190	469	622
16:45 to 17:45	310	0	2	312	154	0	2	156	422	3	0	0	4	0	429	195	2	0	0	3	0	200	468	629
17:00 to 18:00	318	1	2	321	154	0	2	156	430	3	1	0	8	0	442	190	2	0	0	2	0	194	477	636
17:15 to 18:15	322	1	1	324	154	0	2	156	426	2	1	0	7	0	436	194	2	0	0	2	0	198	480	634
17:30 to 18:30	283	1	1	285	155	0	2	157	365	2	1	0	6	0	374	197	2	0	0	2	0	201	442	575
17:45 to 18:45	253	1	1	255	152	0	2	154	320	2	1	0	6	0	329	184	2	0	0	1	0	187	409	516
18:00 to 19:00	195	0	1	196	133	1	2	136	238	2	0	0	2	0	242	166	2	1	0	1	0	170	332	412

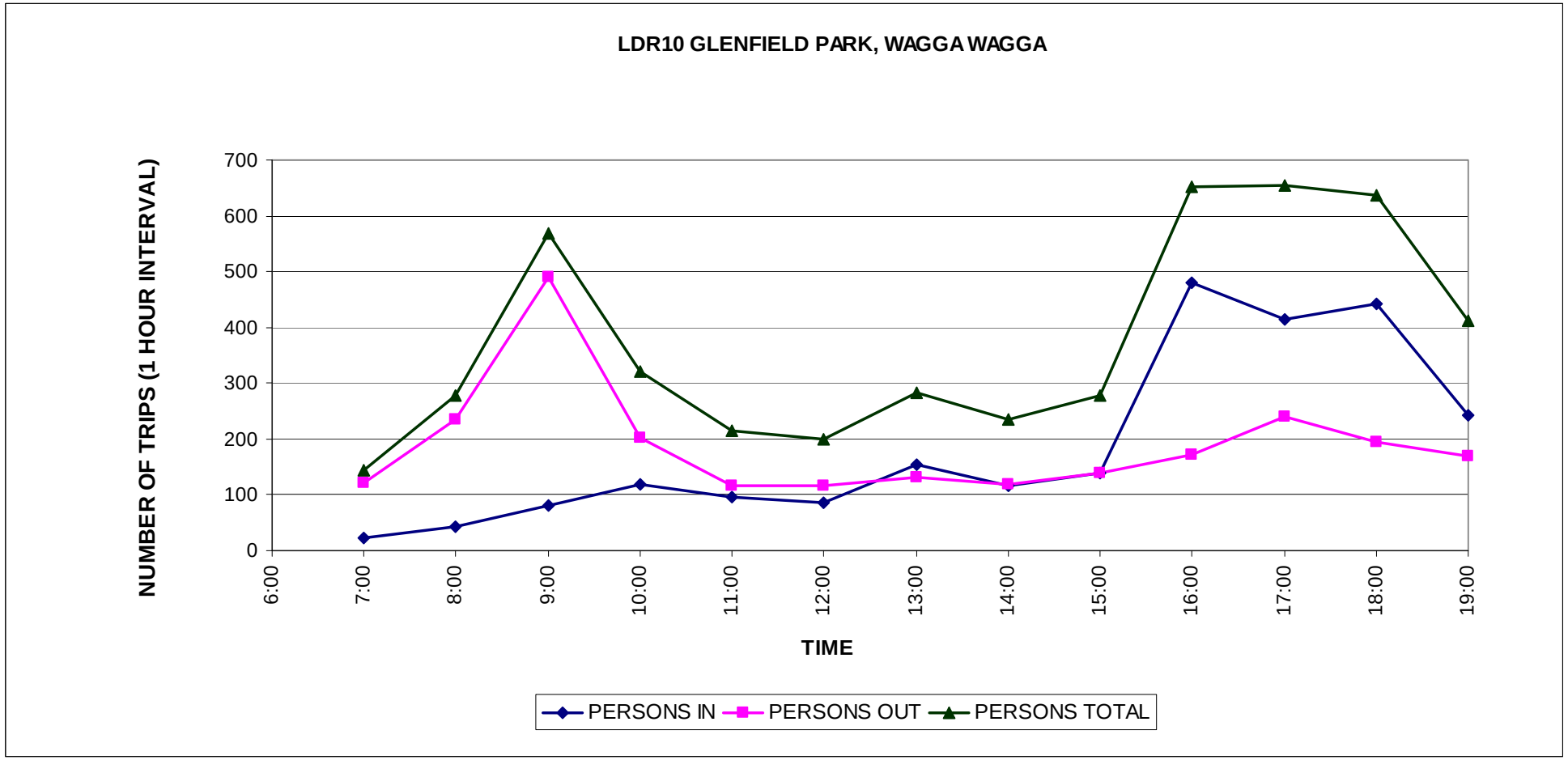
Table 3.43 LDR10 - Peak hours

Peak hour	Vehicles								Persons													
Vehicles	IN				OUT				IN							OUT						
AM	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:15 to 9:15	78	3	5	86	277	5	6	288	93	0	4	0	1	0	98	448	24	7	1	4	0	484
PM																						
17:15 to 18:15	322	1	1	324	154	0	2	156	426	2	1	0	7	0	436	194	2	0	0	2	0	198

Peak hour	Vehicles								Persons													
Persons	IN				OUT				IN							OUT						
AM	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
8:15 to 9:15	78	3	5	86	277	5	6	288	93	0	4	0	1	0	98	448	24	7	1	4	0	484
PM																						
15:30 to 16:30	264	0	8	272	147	0	8	155	397	115	0	0	3	0	515	212	2	0	0	4	0	218

DATE 5 May 2010	LDR10 GLENFIELD PARK,WAGGA WAGGA																						Grandtotal	
1-hour Data	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	18	0	0	18	114	0	0	114	20	0	0	0	2	0	22	120	0	0	0	1	0	121	132	143
7:00 to 8:00	39	2	3	44	192	1	1	194	41	0	2	0	0	0	43	231	1	1	0	2	0	235	238	278
8:00 to 9:00	65	2	7	74	286	4	8	298	77	0	3	0	0	0	80	456	24	6	1	2	0	489	372	569
9:00 to 10:00	81	2	2	85	121	2	2	125	99	16	2	0	2	0	119	184	10	2	0	5	0	201	210	320
10:00 to 11:00	75	2	2	79	83	2	2	87	88	6	2	0	1	0	97	107	4	4	1	1	0	117	166	214
11:00 to 12:00	68	0	2	70	84	2	1	87	71	10	0	0	3	1	85	108	3	2	0	1	1	115	157	200
12:00 to 13:00	118	1	2	121	99	0	2	101	142	8	2	0	1	0	153	118	11	0	1	1	0	131	222	284
13:00 to 14:00	90	0	2	92	92	1	2	95	111	4	0	0	1	0	116	107	11	1	0	1	0	120	187	236
14:00 to 15:00	107	0	2	109	101	0	2	103	135	4	0	1	0	0	140	134	4	0	0	1	0	139	212	279
15:00 to 16:00	218	0	7	225	125	0	6	131	352	124	0	0	4	0	480	166	5	0	0	1	0	172	356	652
16:00 to 17:00	286	0	4	290	164	0	6	170	382	31	0	0	2	0	415	233	1	0	0	6	0	240	460	655
17:00 to 18:00	318	1	2	321	154	0	2	156	430	3	1	0	8	0	442	190	2	0	0	2	0	194	477	636
18:00 to 19:00	195	0	1	196	133	1	2	136	238	2	0	0	2	0	242	166	2	1	0	1	0	170	332	412
Total	1678	10	36	1724	1748	13	36	1797	2186	208	12	1	26	1	2434	2320	78	17	3	25	1	2444	3521	4878


LDR10 GLENFIELD PARK, WAGGA WAGGA
NUMBER OF TRIPS (1 HOUR INTERVAL)
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR10 GLENFIELD PARK, WAGGA WAGGA
NUMBER OF TRIPS (1 HOUR INTERVAL)
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL

3.1.11 LDR11 Farmborough Heights (Wollongong)

Table 3.44 LDR11 - Survey Results – 15 mins data

DATE 6 May 2010	LDR11 FARMBOROUGH HEIGHTS, WOLLONGONG																						Grandtotal	
15 minute Data	Vehicles								Persons														15 minute Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 6:15	11	0	0	11	24	1	0	25	15	0	0	0	1	0	16	28	0	1	1	4	0	34	36	50
6:15 to 6:30	6	0	1	7	19	2	1	22	6	2	0	1	2	0	11	20	1	2	0	1	0	24	29	35
6:30 to 6:45	8	1	1	10	45	2	0	47	8	2	1	0	2	0	13	58	0	3	0	3	0	64	57	77
6:45 to 7:00	14	1	0	15	53	2	1	56	14	0	1	0	4	0	19	57	0	4	0	2	0	63	71	82
7:00 to 7:15	12	1	1	14	45	1	0	46	16	1	2	0	0	0	19	52	0	1	0	4	0	57	60	76
7:15 to 7:30	16	0	3	19	44	1	3	48	18	2	0	0	2	0	22	50	11	2	1	7	0	71	67	93
7:30 to 7:45	17	4	3	24	83	1	2	86	20	0	12	1	6	0	39	102	0	1	1	4	0	108	110	147
7:45 to 8:00	44	0	2	46	88	0	6	94	52	0	0	0	2	0	54	131	71	0	0	2	0	204	140	258
8:00 to 8:15	26	0	2	28	93	0	2	95	32	0	0	0	0	0	32	115	15	0	0	3	0	133	123	165
8:15 to 8:30	30	1	2	33	92	1	1	94	45	0	1	0	1	0	47	144	6	3	1	1	0	155	127	202
8:30 to 8:45	55	2	2	59	101	2	3	106	78	6	4	0	2	0	90	161	11	3	0	2	0	177	165	267
8:45 to 9:00	29	0	1	30	95	2	1	98	44	0	0	0	4	0	48	156	6	4	1	2	0	169	128	217
9:00 to 9:15	34	1	1	36	49	1	0	50	44	0	1	0	1	0	46	77	0	1	0	0	0	78	86	124
9:15 to 9:30	21	2	0	23	44	0	1	45	25	0	3	0	1	0	29	57	1	0	0	0	0	58	68	87
9:30 to 9:45	23	0	1	24	43	0	1	44	27	0	0	0	0	0	27	60	2	0	1	0	0	63	68	90
9:45 to 10:00	32	2	0	34	34	2	0	36	41	0	4	0	0	0	45	41	0	3	0	0	0	44	70	89
10:00 to 10:15	18	3	1	22	32	0	1	33	23	6	5	0	0	0	34	35	7	0	1	0	0	43	55	77
10:15 to 10:30	25	1	1	27	30	0	1	31	34	1	1	0	1	0	37	35	3	0	0	0	0	38	58	75
10:30 to 10:45	22	1	0	23	27	0	0	27	26	0	1	0	1	0	28	34	0	0	0	1	0	35	50	63
10:45 to 11:00	24	0	0	24	39	1	0	40	29	0	0	0	2	0	31	51	0	2	0	0	0	53	64	84
11:00 to 11:15	25	2	1	28	29	3	0	32	32	0	3	0	1	0	36	41	0	4	0	2	0	47	60	83
11:15 to 11:30	27	0	0	27	28	0	1	29	32	0	0	1	3	0	36	34	4	0	0	0	0	38	56	74
11:30 to 11:45	37	1	1	39	29	1	1	31	44	1	2	0	2	0	49	35	4	1	0	0	0	40	70	89
11:45 to 12:00	29	1	0	30	29	0	0	29	36	0	1	0	1	0	38	38	0	0	0	0	0	38	59	76
12:00 to 12:15	41	0	1	42	26	0	0	26	46	5	0	0	1	0	52	32	0	0	0	0	0	32	68	84
12:15 to 12:30	50	0	1	51	36	1	1	38	87	0	0	0	0	0	87	47	1	2	0	4	0	54	89	141
12:30 to 12:45	38	0	0	38	32	3	1	36	50	0	0	0	0	0	50	36	7	4	0	0	0	47	74	97
12:45 to 13:00	37	2	0	39	35	1	0	36	49	0	2	0	0	0	51	44	0	1	0	1	0	46	75	97
13:00 to 13:15	31	2	1	34	37	0	0	37	37	4	2	0	0	0	43	43	0	0	0	0	0	43	71	86
13:15 to 13:30	26	0	0	26	30	2	1	33	31	0	0	0	0	0	31	36	1	2	0	1	0	40	59	71
13:30 to 13:45	38	2	1	41	26	1	1	28	47	1	4	0	0	0	52	29	3	1	0	1	0	34	69	86
13:45 to 14:00	30	1	0	31	38	1	0	39	39	0	1	0	1	0	41	43	0	3	0	0	0	46	70	87
14:00 to 14:15	35	0	2	37	31	1	0	32	45	32	0	0	1	0	78	47	0	1	0	2	0	50	69	128
14:15 to 14:30	43	1	1	45	38	0	2	40	57	2	1	0	2	0	62	45	25	0	0	0	0	70	85	132
14:30 to 14:45	43	0	0	43	41	0	1	42	52	0	0	0	2	0	54	47	1	0	0	0	0	48	85	102
14:45 to 15:00	42	0	0	42	61	0	0	61	49	0	0	0	3	0	52	71	0	0	0	0	0	71	103	123
15:00 to 15:15	69	2	8	79	49	2	2	53	128	85	2	0	3	0	218	61	0	2	0	4	0	67	132	285
15:15 to 15:30	79	0	0	79	35	0	4	39	139	0	0	0	1	0	140	44	15	0	2	2	0	63	118	203
15:30 to 15:45	62	1	3	66	47	2	3	52	100	17	1	0	2	0	120	68	4	2	0	1	0	75	118	195
15:45 to 16:00	67	1	2	70	44	0	3	47	96	2	3	1	1	0	103	64	0	0	1	3	0	68	117	171
16:00 to 16:15	64	0	1	65	42	0	1	43	87	5	0	2	3	0	97	54	2	0	0	4	0	60	108	157
16:15 to 16:30	60	0	1	61	61	0	2	63	82	8	0	1	1	0	92	82	0	0	0	8	0	90	124	182
16:30 to 16:45	66	1	1	68	42	0	1	43	91	1	1	0	3	0	96	55	0	0	0	3	0	58	111	154
16:45 to 17:00	63	2	0	65	43	0	0	43	83	0	3	0	4	0	90	63	0	0	0	4	0	67	108	157
17:00 to 17:15	78	1	0	79	40	0	0	40	102	0	1	0	4	0	107	54	0	0	0	2	0	56	119	163
17:15 to 17:30	91	0	2	93	46	1	1	48	117	9	0	0	4	0	130	69	1	1	0	3	0	74	141	204
17:30 to 17:45	93	1	1	95	56	0	1	57	120	2	1	1	1	0	125	72	1	0	0	2	0	75	152	200
17:45 to 18:00	79	0	1	80	54	0	2	56	108	1	0	1	1	0	111	69	2	0	0	7	0	78	136	189
18:00 to 18:15	67	0	1	68	48	0	0	48	82	2	0	0	4	0	88	66	0	0	0	0	0	66	116	154
18:15 to 18:30	54	1	0	55	42	2	1	45	73	0	1	0	1	0	75	51	2	2	0	0	0	55	100	130
18:30 to 18:45	50	0	1	51	49	0	1	50	59	2	0	0	1	0	62	56	1	0	0	2	0	59	101	121
18:45 to 19:00	42	0	1	43	31	0	1	32	51	6	0	0	0	0	57	33	3	0	0	0	0	36	75	93
TOTAL	2123	42	54	2219	2355	40	56	2451	2848	205	65	9	83	0	3210	3093	211	56	10	92	0	3462	4670	6672

Table 3.45 LDR11 - Survey Results – hourly data

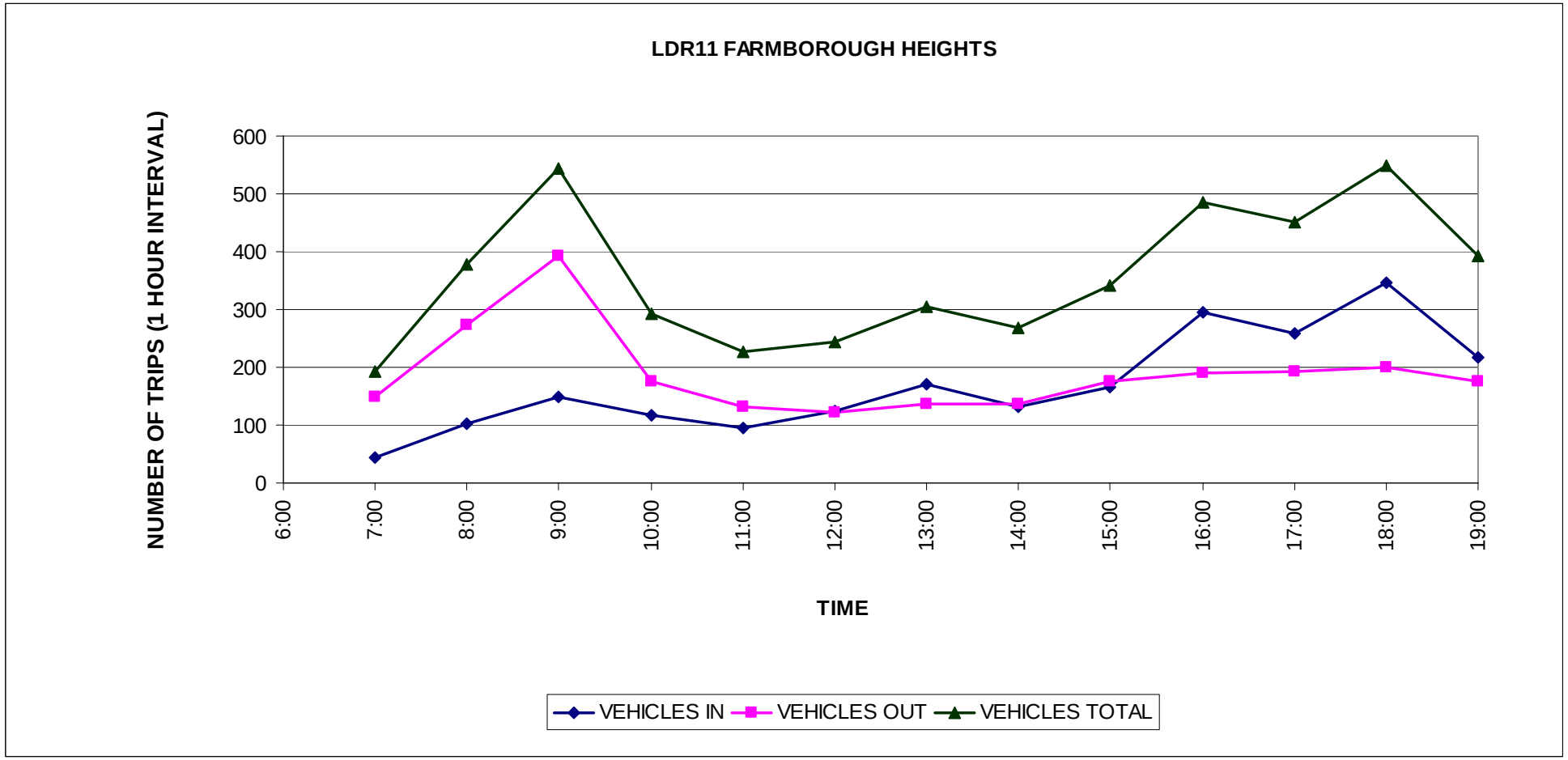
DATE 6 May 2010 1-hour Data	LDR11 FARMBOROUGH HEIGHTS, WOLLONGONG																						Grandtotal	
	Vehicles								Persons														1-hour Data	
WEATHER Fine	IN				OUT				IN							OUT								
TIME	Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00 to 7:00	39	2	2	43	141	7	2	150	43	4	2	1	9	0	59	163	1	10	1	10	0	185	193	244
6:15 to 7:15	40	3	3	46	162	7	2	171	44	5	4	1	8	0	62	187	1	10	0	10	0	208	217	270
6:30 to 7:30	50	3	5	58	187	6	4	197	56	5	4	0	8	0	73	217	11	10	1	16	0	255	255	328
6:45 to 7:45	59	6	7	72	225	5	6	236	68	3	15	1	12	0	99	261	11	8	2	17	0	299	308	398
7:00 to 8:00	89	5	9	103	260	3	11	274	106	3	14	1	10	0	134	335	82	4	2	17	0	440	377	574
7:15 to 8:15	103	4	10	117	308	2	13	323	122	2	12	1	10	0	147	398	97	3	2	16	0	516	440	663
7:30 to 8:30	117	5	9	131	356	2	11	369	149	0	13	1	9	0	172	492	92	4	2	10	0	600	500	772
7:45 to 8:45	155	3	8	166	374	3	12	389	207	6	5	0	5	0	223	551	103	6	1	8	0	669	555	892
8:00 to 9:00	140	3	7	150	381	5	7	393	199	6	5	0	7	0	217	576	38	10	2	8	0	634	543	851
8:15 to 9:15	148	4	6	158	337	6	5	348	211	6	6	0	8	0	231	538	23	11	2	5	0	579	506	810
8:30 to 9:30	139	5	4	148	289	5	5	299	191	6	8	0	8	0	213	451	18	8	1	4	0	482	447	695
8:45 to 9:45	107	3	3	113	231	3	3	237	140	0	4	0	6	0	150	350	9	5	2	2	0	368	350	518
9:00 to 10:00	110	5	2	117	170	3	2	175	137	0	8	0	2	0	147	235	3	4	1	0	0	243	292	390
9:15 to 10:15	94	7	2	103	153	2	3	158	116	6	12	0	1	0	135	193	10	3	2	0	0	208	261	343
9:30 to 10:30	98	6	3	107	139	2	3	144	125	7	10	0	1	0	143	171	12	3	2	0	0	188	251	331
9:45 to 10:45	97	7	2	106	123	2	2	127	124	7	11	0	2	0	144	145	10	3	1	1	0	160	233	304
10:00 to 11:00	89	5	2	96	128	1	2	131	112	7	7	0	4	0	130	155	10	2	1	1	0	169	227	299
10:15 to 11:15	96	4	2	102	125	4	1	130	121	1	5	0	5	0	132	161	3	6	0	3	0	173	232	305
10:30 to 11:30	98	3	1	102	123	4	1	128	119	0	4	1	7	0	131	160	4	6	0	3	0	173	230	304
10:45 to 11:45	113	3	2	118	125	5	2	132	137	1	5	1	8	0	152	161	8	7	0	2	0	178	250	330
11:00 to 12:00	118	4	2	124	115	4	2	121	144	1	6	1	7	0	159	148	8	5	0	2	0	163	245	322
11:15 to 12:15	134	2	2	138	112	1	2	115	158	6	3	1	7	0	175	139	8	1	0	0	0	148	253	323
11:30 to 12:30	157	2	3	162	120	2	2	124	213	6	3	0	4	0	226	152	5	3	0	4	0	164	286	390
11:45 to 12:45	158	1	2	161	123	4	2	129	219	5	1	0	2	0	227	153	8	6	0	4	0	171	290	398
12:00 to 13:00	166	2	2	170	129	5	2	136	232	5	2	0	1	0	240	159	8	7	0	5	0	179	306	419
12:15 to 13:15	156	4	2	162	140	5	2	147	223	4	4	0	0	0	231	170	8	7	0	5	0	190	309	421
12:30 to 13:30	132	4	1	137	134	6	2	142	167	4	4	0	0	0	175	159	8	7	0	2	0	176	279	351
12:45 to 13:45	132	6	2	140	128	4	2	134	164	5	8	0	0	0	177	152	4	4	0	3	0	163	274	340
13:00 to 14:00	125	5	2	132	131	4	2	137	154	5	7	0	1	0	167	151	4	6	0	2	0	163	269	330
13:15 to 14:15	129	3	3	135	125	5	2	132	162	33	5	0	2	0	202	155	4	7	0	4	0	170	267	372
13:30 to 14:30	146	4	4	154	133	3	3	139	188	35	6	0	4	0	233	164	28	5	0	3	0	200	293	433
13:45 to 14:45	151	2	3	156	148	2	3	153	193	34	2	0	6	0	235	182	26	4	0	2	0	214	309	449
14:00 to 15:00	163	1	3	167	171	1	3	175	203	34	1	0	8	0	246	210	26	1	0	2	0	239	342	485
14:15 to 15:15	197	3	9	209	189	2	5	196	286	87	3	0	10	0	386	224	26	2	0	4	0	256	405	642
14:30 to 15:30	233	2	8	243	186	2	7	195	368	85	2	0	9	0	464	223	16	2	2	6	0	249	438	713
14:45 to 15:45	252	3	11	266	192	4	9	205	416	102	3	0	9	0	530	244	19	4	2	7	0	276	471	806
15:00 to 16:00	277	4	13	294	175	4	12	191	463	104	6	1	7	0	581	237	19	4	3	10	0	273	485	854
15:15 to 16:15	272	2	6	280	168	2	11	181	422	24	4	3	7	0	460	230	21	2	3	10	0	266	461	726
15:30 to 16:30	253	2	7	262	194	2	9	205	365	32	4	4	7	0	412	268	6	2	1	16	0	293	467	705
15:45 to 16:45	257	2	5	264	189	0	7	196	356	16	4	4	8	0	388	255	2	0	1	18	0	276	460	664
16:00 to 17:00	253	3	3	259	188	0	4	192	343	14	4	3	11	0	375	254	2	0	0	19	0	275	451	650
16:15 to 17:15	267	4	2	273	186	0	3	189	358	9	5	1	12	0	385	254	0	0	0	17	0	271	462	656
16:30 to 17:30	298	4	3	305	171	1	2	174	393	10	5	0	15	0	423	241	1	1	0	12	0	255	479	678
16:45 to 17:45	325	4	3	332	185	1	2	188	422	11	5	1	13	0	452	258	2	1	0	11	0	272	520	724
17:00 to 18:00	341	2	4	347	196	1	4	201	447	12	2	2	10	0	473	264	4	1	0	14	0	283	548	756
17:15 to 18:15	330	1	5	336	204	1	4	209	427	14	1	2	10	0	454	276	4	1	0	12	0	293	545	747
17:30 to 18:30	293	2	3	298	200	2	4	206	383	5	2	2	7	0	399	258	5	2	0	9	0	274	504	673
17:45 to 18:45	250	1	3	254	193	2	4	199	322	5	1	1	7	0	336	242	5	2	0	9	0	258	453	594
18:00 to 19:00	213	1	3	217	170	2	3	175	265	10	1	0	6	0	282	206	6	2	0	2	0	216	392	498

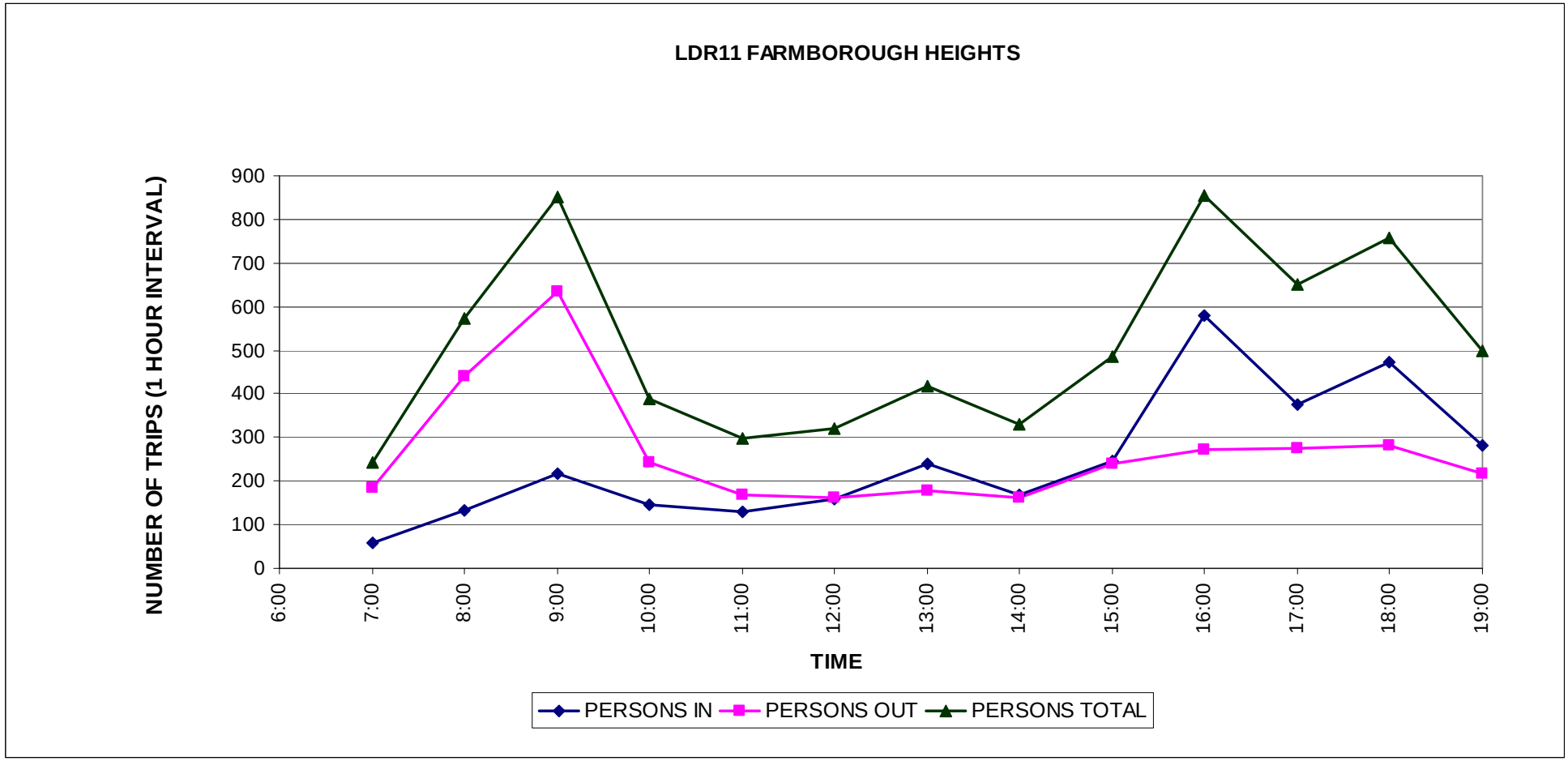
Table 3.46 LDR11 - Peak hours

Peak hour			Vehicles								Persons													
Vehicles			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:45	to	8:45	155	3	8	166	374	3	12	389	207	6	5	0	5	0	223	551	103	6	1	8	0	669
PM																								
17:00	to	18:00	341	2	4	347	196	1	4	201	447	12	2	2	10	0	473	264	4	1	0	14	0	283

Peak hour			Vehicles								Persons													
Persons			IN				OUT				IN							OUT						
AM			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total
7:45	to	8:45	155	3	8	166	374	3	12	389	207	6	5	0	5	0	223	551	103	6	1	8	0	669
PM																								
15:00	to	16:00	277	4	13	294	175	4	12	191	463	104	6	1	7	0	581	237	19	4	3	10	0	273

DATE 6 May 2010			LDR11 FARMBOROUGH HEIGHTS, WOLLONGONG																						Grandtotal	
1-hour Data			Vehicles								Persons														1-hour Data	
WEATHER Fine			IN				OUT				IN							OUT								
TIME			Cars	Trucks	Buses	Total	Cars	Trucks	Buses	Total	By car	By bus	By truck	Cyclists	Pedestrian	Other	Total	By car	By bus	By truck	Cyclists	Pedestrians	Other	Total	Vehicles	Persons
6:00	to	7:00	39	2	2	43	141	7	2	150	43	4	2	1	9	0	59	163	1	10	1	10	0	185	193	244
7:00	to	8:00	89	5	9	103	260	3	11	274	106	3	14	1	10	0	134	335	82	4	2	17	0	440	377	574
8:00	to	9:00	140	3	7	150	381	5	7	393	199	6	5	0	7	0	217	576	38	10	2	8	0	634	543	851
9:00	to	10:00	110	5	2	117	170	3	2	175	137	0	8	0	2	0	147	235	3	4	1	0	0	243	292	390
10:00	to	11:00	89	5	2	96	128	1	2	131	112	7	7	0	4	0	130	155	10	2	1	1	0	169	227	299
11:00	to	12:00	118	4	2	124	115	4	2	121	144	1	6	1	7	0	159	148	8	5	0	2	0	163	245	322
12:00	to	13:00	166	2	2	170	129	5	2	136	232	5	2	0	1	0	240	159	8	7	0	5	0	179	306	419
13:00	to	14:00	125	5	2	132	131	4	2	137	154	5	7	0	1	0	167	151	4	6	0	2	0	163	269	330
14:00	to	15:00	163	1	3	167	171	1	3	175	203	34	1	0	8	0	246	210	26	1	0	2	0	239	342	485
15:00	to	16:00	277	4	13	294	175	4	12	191	463	104	6	1	7	0	581	237	19	4	3	10	0	273	485	854
16:00	to	17:00	253	3	3	259	188	0	4	192	343	14	4	3	11	0	375	254	2	0	0	19	0	275	451	650
17:00	to	18:00	341	2	4	347	196	1	4	201	447	12	2	2	10	0	473	264	4	1	0	14	0	283	548	756
18:00	to	19:00	213	1	3	217	170	2	3	175	265	10	1	0	6	0	282	206	6	2	0	2	0	216	392	498
Total			2123	42	54	2219	2355	40	56	2451	2848	205	65	9	83	0	3210	3093	211	56	10	92	0	3462	4670	6672


LDR11 FARMBOROUGH HEIGHTS
NUMBER OF TRIPS (1 HOUR INTERVAL)
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
VEHICLES IN
VEHICLES OUT
VEHICLES TOTAL


LDR11 FARMBOROUGH HEIGHTS
NUMBER OF TRIPS (1 HOUR INTERVAL)
900
800
700
600
500
400
300
200
100
0
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
TIME
PERSONS IN
PERSONS OUT
PERSONS TOTAL