TRIP GENERATION SURVEYS
SMALL SUBURBAN SHOPPING CENTRES
ANALYSIS REPORT

BY BITZIOS CONSULTING

FOR
ROADS AND MARITIME SERVICES NSW

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1. INTRODUCTION

1.1 BACKGROUND

Roads and Maritime Services (Roads and Maritime), NSW commissioned Bitzios Consulting to undertake a trip generation and parking demand survey and analysis of Shopping centres less than 10,000m square GLFA. The *Roads and Maritime Guide to Traffic Generating Developments – 2002* (hereafter referred to as the *Guide*), contains traffic generation and parking demand information based on surveys completed in 1980.

Roads and Maritime recognised that previous studies have looked at a large range of different sized sites generally towards city centres. Over the last 30 years there has been an expanding trend towards smaller suburban shopping centres in residential areas as well as extended/changing store opening hours. Roads and Maritime identified that new data is required focusing on shopping centres that are considered "Suburban" (less than approximately 10,000m square GLFA) due to potential differences in the trip generation and parking generation compared to larger or city focused shopping centres. Key considerations in identifying the need for this study include:

- an increased size of major tenants;
- a lower number of staff working per day due to the advancement of technology;
- longer opening hours;
- increases in car ownership;
- impacts of higher fuel costs;
- changing work and leisure patterns;
- increased number of shopping centres;
- increase in the number of offices/ medical centres at shopping centres;
- increase to the GLFA of major tenants;
- fewer specialty stores; and
- generational change where driving distances reduce.

1.2 SCOPE

The scope of this study included:

- identifying a suitable sample of small shopping centres that are within greater Sydney and NSW regional areas, with a sufficient sample size and development variety to provide confidence in the results;
- collecting relevant background data for each site (e.g. GFA, number of employees, on-site parking provisions);
- surveying each site to collect all-mode trip generation data;
- assembling information on all-mode trip generation and parking demand data;
- tabulating and analysing the collected data to establish key statistical relationships;
- comparing the data analysis findings with those in the Roads and Maritime Guide to Traffic Generating Developments, and additional previous studies performed found in Section 5 of the Data Report; and
- presenting the results and recommendations in a Data Report and Analysis Report.

This report refers to data collected from the survey sites and should be read in conjunction with its companion Data Report. This report presents the results of the analysis of the data and provides conclusions and recommendations for consideration determining appropriate trip, traffic and parking generation rates for sites across NSW.

1.3 DEFINITION OF KEY TERMS

GFA – Gross Floor Area (m square)

GLFA – Gross leasable floor area (m square)

Roads and Maritime – Roads and Maritime Services NSW

Trip Generation – Generation of trips undertaken by individuals by any mode of transport. It should be noted that a 'trip' is the movement of a vehicle or person from origin to destination (i.e. a 'complete' visit to the shops would equate to two (2) trips, 1 to the site and 1 from the site).

Traffic Generation – Individual vehicle trips regardless of number of persons within the vehicle.

Occupied Site Area – Total site area of the building based on aerial imagery.

1.4 GFA AND GLFA

Gross Floor Area (GFA) and Gross leasable floor area (GLFA) are often used in similar context and, as such, are sometimes misrepresented when used for shopping centre trip generation calculations.

- GFA is defined as the total area of all internal parts of a building (including walls) that are permanently covered.
- GLFA is defined as the total area that is "leasable", and excludes areas such as public toilets, walkways, open space and centre supply rooms.

A comparison between available GFA and GLFA data for each survey site found that on average GLFA is approximately 80% of the total GFA. It was also noted that smaller sites (less than 2000m square) and larger sites (8,000m square - 10,000m square) revealed a smaller percentage of GLFA as a proportion of Occupied Site Area than medium sites (2,000m square - 8,000m square) did.

Additional detail and data comparisons are available within the corresponding Data Report.

1.5 PROJECT CHALLENGES AND RESPONSES

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

Table 1.1: Addressing Project Challenges

Challenges	Steps Taken
Identifying sites that meet Roads and Maritime criteria such as being isolated from nearby commercial areas, particularly within the Greater Sydney area.	Request for data from Property Council Australia database in NSW in combination with manual reviews of aerial imagery looking at shopping centres in suburban areas. Refer to Section 2.0 for more information.
Contacting site managers to gain permission to undertake surveys and receiving approval. Some information within the Property Council Australia database was outdated and some manually selected sites provided only contact with the storefront (not management).	Where possible centre manager contacts were found online. If not available, phone calls and emails to the major tenant store managers were made to obtain the centre manager information and approval.
On-site store managers unaware of survey being undertaken as they were not informed by the centre manager (primarily due to each store's internal management structure).	Upon contact, on-site store managers were provided with survey information, reassuring them that the questionnaires were very short and optional to the customer. In some instances, survey questionnaires were not undertaken at the manager's request.
Ensuring a *typical* day was surveyed for each site. The delay in some survey approvals required waiting for surveys to occur outside of school holiday periods. Further, unforeseen scheduling of an air show and filming of a television program caused car parks to be over utilised, and rescheduling of some surveys.	Affected survey days were rescheduled to later dates and data analysis process was expedited to ensure a timely delivery of the project.
Obtaining suitable site information. Some sites provided limited datasets while others did not respond to the request for data.	Along with phone calls and emails to the relevant contacts, information was obtained through the Property Council database, contacting the sites major tenant and online research. A manual estimation was method was used to determine staff numbers, refer Section 3.
The large number of surveys (3-4 days per site) increased the likelihood of data collection errors or corrupted datasets.	Where possible, additional surveys were undertaken to correct any data errors. All other errors were noted within the Data Report and were taken into consideration throughout the data analysis.

2. SITE SELECTION

2.1 ROADS AND MARITIME CRITERIA

The selection of the sites is based on the following criteria provided by Roads and Maritime:

- fairly recent developments, including a few older sites for comparison;
- ease in isolating the site from other developments (other businesses outside the shopping centre);
- one (1) or two (2) major tenants with up to 20 specialty sites;
- there is an on-site parking provision, which does not support the parking of nearby developments;
- 20 survey sites with a reasonable geographic spread and 11 in greater Sydney; and
- at least two (2) Aldi and IGA sites.

2.2 CANDIDATE SITE SELECTION

Candidate sites were initially selected by investigating sites from the Property Council Database and manually reviewing aerial imagery (Google maps and Nearmaps).

2.2.1 Property Council Database

Approximately 45 sites were reviewed in detail from those sourced from the Property Council Database (NSW). Sites were primarily assessed based on site GLFA, whether or not the parking lot supports nearby developments; and the number of available on-site parking entrances and exits. Sites with a large amount of office space were excluded. The final refined list of sites was then reviewed in accordance with the remaining Roads and Maritime criteria and provided to Roads and Maritime for approval. A total of 11 sites were selected for survey.

2.2.2 Manual Review of Aerial Imagery

The remaining survey sites were found through a manual review of aerial imagery and online shopping centre searches. Each was checked against the Roads and Maritime criteria for suitability. Of the 30 sites reviewed, a total of 9 sites were selected for survey following approval from Roads and Maritime.

2.3 SELECTION BASIS

In order to ensure a comprehensive dataset for analysis, selected centres varied in size, type and location across Sydney and NSW. A survey of ALDI stores was specifically requested by Roads and Maritime due to their atypical trip generation when compared to suburban shopping centres with other supermarket tenants.

The target number of survey sites selected by region and the survey durations are summarised in Table 2.1. Ten (10) of the sites were chosen to include a Sunday in order to provide a comparison with Saturday trip generation rates. This additional day was included due to the changing nature of shopping and with centres remaining open for longer hours Sundays.

Table 2.1: Surveys and Location Summary

Type and Duration	Sydney	Newcastle	Central Coast	Wollongong	Other	Total
4-day Survey (non-ALDI)	5	0	0	0	0	5
3-day Survey (non-ALDI))	4	1	2	1	2	10
ALDI (3 or 4 day survey)	2	1	1	1	0	5
Total	11	2	3	2	2	20

2.4 SELECTED SURVEY SITES

The location of each selected survey site is shown in Figure 2.1.



Source: Google Maps

Figure 2.1: Survey Site Locations

3. SURVEY DETAILS

3.1 SURVEY SCHEDULE

Of the 20 surveys undertaken, 10 were conducted over 3 days and 10 over 4 days. As outlined in Section 2.3 the fourth day was to provide a comparison between Saturday and Sunday trip rates. Also, ALDI sites are noted to have "Special Buy" days on Wednesdays and Saturdays. Three (3) ALDI site surveys (Bankstown, Canterbury and Fletcher) were undertaken on Wednesday instead of a Thursday.

The duration of the surveys was based on the span of the centre's opening hours and survey staff availability. Typical times for each survey day were as follows:

- Wednesday: 8:30 am – 6:00 pm;
- Thursday: 8:30 am – 9:00 pm;
- Friday: 8:30 am – 6:00 pm;
- Saturday: 8:30 am – 5:00 pm; and
- Sunday: 8:30 am – 5:00 pm.

It should be noted that frontage road and driveway tube count data was collected for 24-hours across all survey days. The survey schedule is shown in Table 3.1.

Table 3.1: Selected Survey Sites and Schedule

Site No.	Region	Survey Dates	No. of Days	Site Name	Major Tenant/s	Address	GLFA (m square)
1	Sydney	5th - 8th April, 2018	4	Quakers Court Shopping Centre	Woolworths	Cnr Falmouth & Quakers Roads, Marayong NSW 2148	5,142
2	Sydney	5th - 8th April, 2018	4	Wakeley Shopping Centre	SupaIGA	Cnr Bulls Road & Lomond Street, Wakeley NSW 2176	3,445
3	Sydney	5th - 8th April, 2018	4	Glenwood Park Shopping Village	Woolworths	1 Glenwood Park Drive, Glenwood NSW 2768	3,182
4	Sydney	1st – 3rd & 7th June, 2018	4	Spring Farm Shopping Centre	Woolworths	254 Richardson Road, Spring Farm NSW 2085	4,976
5	Sydney	23rd, 25th -26th May, 2018	3	ALDI Canterbury	ALDI	73 Jeffrey St, Canterbury NSW 2193	991
6	Sydney	24th - 27th May, 2018	4	ALDI Bankstown Airport	ALDI	Milperra Rd & Henry Lawson Dr, Bankstown NSW 2200	991
7	Sydney	24th - 27th May, 2018	4	Wentworthville Shopping Plaza	Woolworths	326-336 Great Western Highway, Wentworthville NSW 2145	6,394
8	Sydney	24th - 26th May, 2018	3	Coles Greenacre	Coles	13-19 Boronia Road, Greenacre NSW 2190	4,740
9	Sydney	1st - 2nd & 7th June, 2018	3	Glenrose Village	Woolworths and ALDI	17/56-58 Glen St, Belrose NSW 2085	9,700
10	Sydney	1st - 2nd & 7th June, 2018	3	Coles Manly Vale	Coles	12/14 Koorala St, Manly Vale NSW 2093	1,452
11	Sydney	1st – 3rd & 7th June, 2018	4	Woolworths Casula	Woolworths	607 Hume Hwy, Casula NSW 2170	4,027
12	Central Coast	3rd - 6th May, 2018	4	ALDI Wyoming	ALDI	489 Pacific Highway, Wyoming NSW 2250	991

Site No.	Region	Survey Dates	No. of Days	Site Name	Major Tenant/s	Address	GLFA (m square)
13	Central Coast	3rd - 5th May, 2018	3	Northlakes Shopping Centre	Coles	17-21 Old Pacific Highway, Charmhaven NSW 2263	4,831
14	Central Coast	3rd - 5th May, 2018	3	Lakeside Shopping Centre	Coles	Cnr The Entrance Road & Dening Street, The Entrance NSW 2261	5,028
15	Newcastle	10th - 13th May, 2018	4	ALDI Fletcher	ALDI	Britannia Blvd & Minmi Road, Fletcher NSW 2287	991
16	Newcastle	10th - 12th May, 2018	3	Fletcher Village	Coles	Cnr Minmi Road & Churnwood Drive, Fletcher NSW 2287	4,933
17	Other Regional	5th - 7th April, 2018	3	Lighthouse Plaza	Coles	100 Ocean Drive, Port Macquarie NSW 2444	5,000
18	Other Regional	5th - 7th April, 2018	3	Vincentia Marketplace	Woolworths	8 Moona Creek Road, Vincentia NSW 2540	9,505
19	Wollongong	3rd - 4th & 26th - 27th May, 2018	4	ALDI Albion Park Rail	ALDI	10 Ash Ave, Albion Park Rail NSW 2527	1,411
20	Wollongong	24th -2 6th May, 2018	3	IGA Woonona	IGA	4-10 Russell St, Woonona NSW 2517	660

3.2 DATA COLLECTED

The following data was collected during the 3-4 survey days:

- a count of on-site parking and provisions;
- number of entering and exiting vehicles (cars/heavy vehicles), in 15-minute periods;
- number of vehicle occupants (in 15-minute periods);
- number of pedestrians and cyclists (in 15-minute periods);
- the time that a vehicle enters the site (in 15 minute periods);
- the number of vehicles passing the site (in 15-minute periods); and
- an automatic tube count of all vehicles entering the site for 7 days, including the survey period.

In addition to the above data, all sites were manually surveyed for vehicle and parking occupancy as well as to ask a sample of customers five (5) questions aimed at determining customer mode of transport and trip purpose. The questions included:

1. "What mode of transport did you use to get here?"
2. "If arrived by car, is the vehicle parked on site or elsewhere?"
3. "Do you work in the centre or are you a customer?"
4. "Is visiting the shopping centre the sole purpose of your trip or have you been/going to other places?"
5. "How long is your visit to the centre today?"

3.3 SITE INFORMATION

The following site information was collected for each site:

- Gross leasable floor area (GLFA);
- occupied site area;
- number of staff each survey day (where available);
- site plan of the premises (where available);
- pedestrian access points;
- vehicle entrance and exit locations and location of parking spaces (e.g. underground);
- breakdown of on-site parking allocation and provisions;
- commercial parking availability on site; and
- centre opening hours.

The site information data was collected using four (4) different sources, as follows:

- by contacting the centre manager / owner;
- through the Property Council Database;
- by manually researching information and estimating staff numbers; and
- through survey information collected by TDC.

The Data Report contains further details on this data.

4. SUMMARY DATA AND GENERAL FINDINGS

4.1 ALL SITES

Preliminary analysis conducted on all sites found that sites with less than 2,000m square GLFA provided significantly different trip generation rates compared to the larger sites between 2,000 m square and 10,000m square GLFA, (with a logarithmic trend as sites became smaller). Considering this, sites were separated into two (2) categories for further analysis:

- Sites less than 2,000m square GLFA; and
- Sites between 2,000m square - 10,000m square GLFA.

The daily person trip generation rate for weekdays for all sites is shown in Figure 4.1.

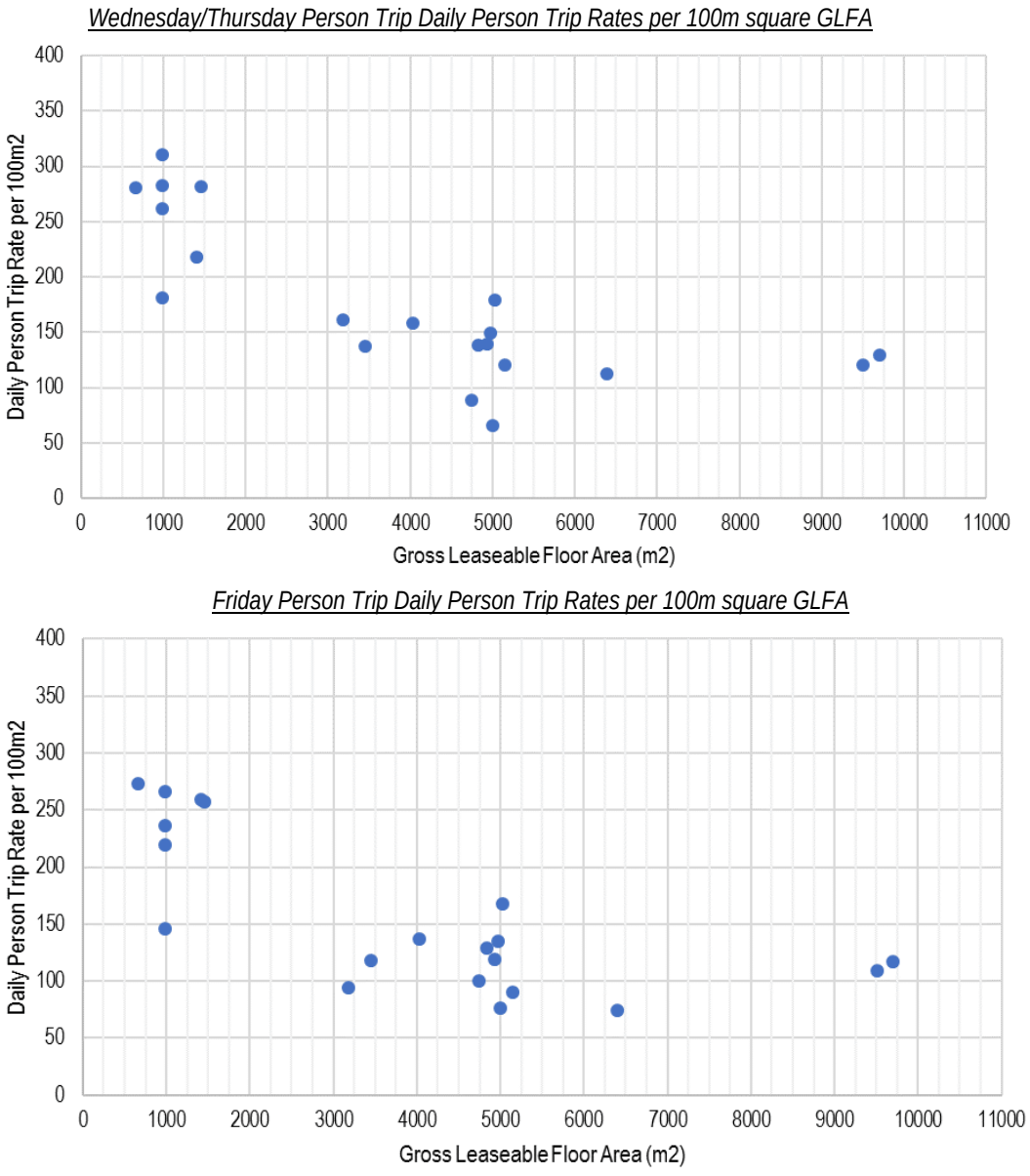


Figure 4.1: Weekday Daily Person Trip Rate per GLFA – All Sites

Initial examination of all sites across all survey days found:

- In aggregate, the highest vehicle trip generation occurs during PM and weekend peak periods, with AM peaks consistently showing lower trip rates; and
- for a number of the larger sites the weekday PM peak trip generation is consistently higher across all survey days, compared to smaller sites where weekend peak trip rates are highest; and

- smaller sites are have the highest trip generation rates per 100m square GLFA, with the exception of Sites 15 and 16 which are noted as being located within close proximity to one another in Fletcher, Newcastle.

It is noted that five (5) of the sites less than 2,000m square GLFA are ALDI stores and further surveys of a broader range of 'small' centres is recommended to gain a better understanding of the typical trip generation for shopping centres of this size.

4.2 SITES LESS THAN 2,000M SQUARE GLFA

Preliminary analysis was conducted on the data. This included determining site and network peak periods, vehicle/ pedestrian traffic generation and size-based differences.

4.2.1 Wednesday / Thursday

The key findings identified from the Wednesday / Thursday data for sites smaller than 2,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically 1-2 hours later;
- the AM peak vehicle trips per 100m square GLFA averaged at 17.42, with trip rates ranging from 10.09 to 21.09;
- the PM peak vehicle trips per 100m square GLFA averaged at 21.96, with trip rates ranging from 15.14 to 24.59;
- AM peak trip rates were lower than those during the PM peak for both vehicle trips and person trips; and
- the percentage of pedestrians varied considerably across sites and this percentage is not correlated with vehicle trip rates.

4.2.2 Friday

The key findings identified from the Friday data for sites smaller than 2,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically 1-2 hours later;
- the AM peak vehicle trips per 100m square GLFA averaged at 18.32, with trip rates ranging from 9.89 to 24.12;
- the PM peak vehicle trips per 100m square GLFA averaged at 22.24, with trip rates ranging from 16.25 to 24.81;
- AM peak trip rates were lower than those during the PM peak for both vehicle trips and person trips; and
- the percentage of pedestrians varied considerably across sites and this percentage does not appear to relate to vehicle trip rates.

4.2.3 Saturday

The key findings identified from the Saturday data for sites smaller than 2,000m square GLFA were:

- compared to the frontage road peak periods, the sites peak periods were typically at least 2 hours earlier or later;
- the peak vehicle trips per 100m square GLFA averaged at 24.95, with trip rates ranging from 16.15 to 29.26;
- weekend peak trip rates were higher than those during all weekday peak periods for both vehicle trips and person trips; and
- the percentage of pedestrians trips is consistent across sites but, does not correlate to vehicle trip rates.

4.2.4 Sunday

The key findings identified from the Sunday data for sites smaller than 2,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically only 30mins - 90mins earlier or later;
- the peak vehicle trips per 100m square GLFA averaged at 26.66, with trip rates ranging from 15.04 to 37.74;

- weekend peak trip rates were higher than those during all weekday peak periods for both vehicle trips and person trips;
- Sunday trip generation is similar to Saturday; and
- the percentage of pedestrian trips is consistent across all sites surveyed on a Sunday.

4.2.5 Summary

Figure 4.2 compares the minimum, average and maximum peak hourly vehicle trip rates for sites smaller than 2,000m square GLFA. As outlined above there is a distinct increase in vehicle trips in the weekday PM peak compared to the AM peak. The average weekend peak period rate is higher than the weekday peaks except for Friday's PM peak. It is also noted that the AM peaks had the lowest variability in trip rates, with the highest variability occurring during the Friday PM peak.

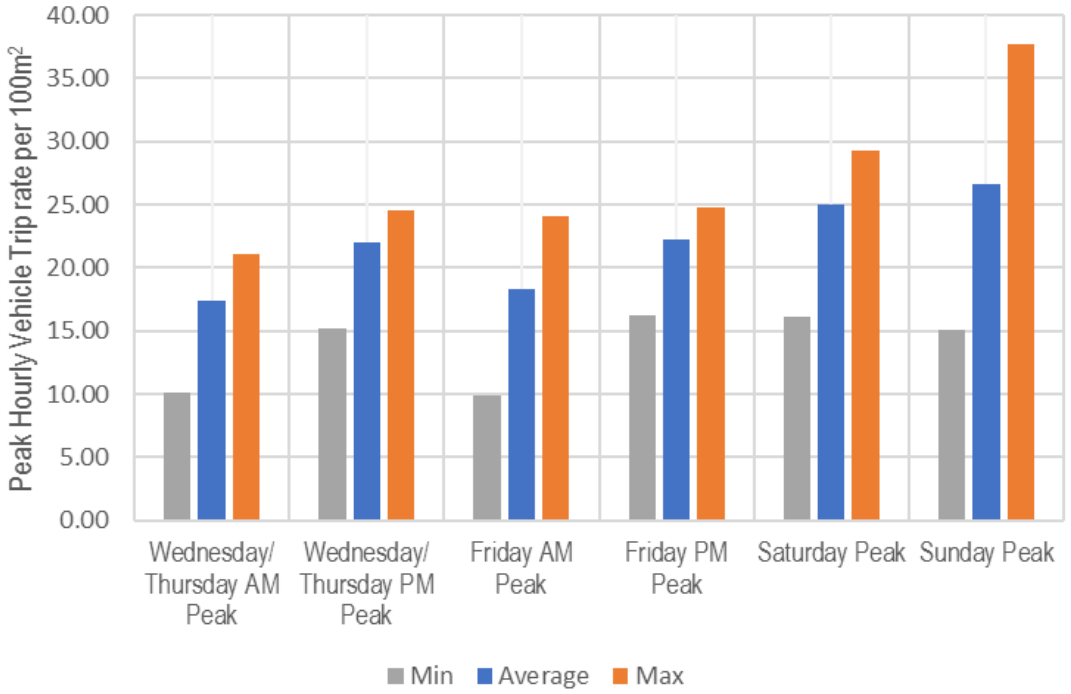


Figure 4.2: Summary of Vehicle Peak Trips per 100m square GLFA for sites <2,000m square

4.3 SITES BETWEEN 2,000M SQUARE – 10,000M SQUARE GLFA

Preliminary analysis was conducted on the data. This included determining site and network peak periods, vehicle/ pedestrian traffic generation and size-based differences.

4.3.1 Thursday

The key findings identified from the Thursday data for sites between 2,000m square – 10,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically 1-2 hours later;
- the AM peak vehicle trips per 100m square GLFA averaged at 7.76, with trip rates ranging from 5.82 to 9.75;
- the PM peak vehicle trips per 100m square GLFA averaged at 10.41, with trip rates ranging from 5.83 to 14.98;
- AM peak trip rates were lower than those during the PM peak for all trips; and
- the percentage of pedestrians varied considerably between sites and does not correlate to vehicle trip rates.

4.3.2 Friday

The key findings identified from the Friday data for sites between 2,000m square – 10,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically 1-2 hours later;
- the AM peak vehicle trips per 100m square GLFA averaged at 8.41, with trip rates ranging from 5.68 to 10.78;
- the PM peak vehicle trips per 100m square GLFA averaged at 10.71, with trip rates ranging from 6.54 to 16.44;
- AM peak trip rates were lower than those during the PM peak for all trips; and
- the percentage of pedestrians varied considerably between sites, these percentages aligned with each site's vehicle trip rates.

4.3.3 Saturday

The key findings identified from the Saturday data for sites between 2,000m square – 10,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically 30 mins - 60mins earlier or later than the frontage road;
- the peak vehicle trips per 100m square GLFA have averaged at 11.11, with trip rates ranging from 5.75 to 15.20;
- weekend peak trip rates are only slightly higher than those during weekday PM peak periods for both vehicle trips and person trips; and
- the percentage of pedestrians varied considerably between sites and aligned with each site's vehicle trip rates.

4.3.4 Sunday

The key findings identified from the Sunday data for sites between 2,000m square – 10,000m square GLFA were:

- compared to the frontage road peak periods, the site peak periods were typically 1- 2 hours earlier or later than the frontage road;
- the peak vehicle trips per 100m square GLFA have averaged at 11.51, with trip rates ranging from 7.40 to 14.38;
- weekend peak trip rates are only slightly higher than those during weekday PM peak periods for both vehicle trips and person trips;
- Sunday peak trip generation is similar to Saturday peak trip generation; and
- the percentage of pedestrians varied considerably between sites and aligned with each site's vehicle trip rates.

4.3.5 Summary

Figure 4.3 summarises the results for sites between 2,000m square -10,000m square GLFA. PM peak trip generation is higher than that in the AM peak however, the differences are not as significant as the differences for sites smaller than 2,000m square GLFA. The variability in peak period trip rates is also lower than those for the smaller sites with the exception of Sunday data.

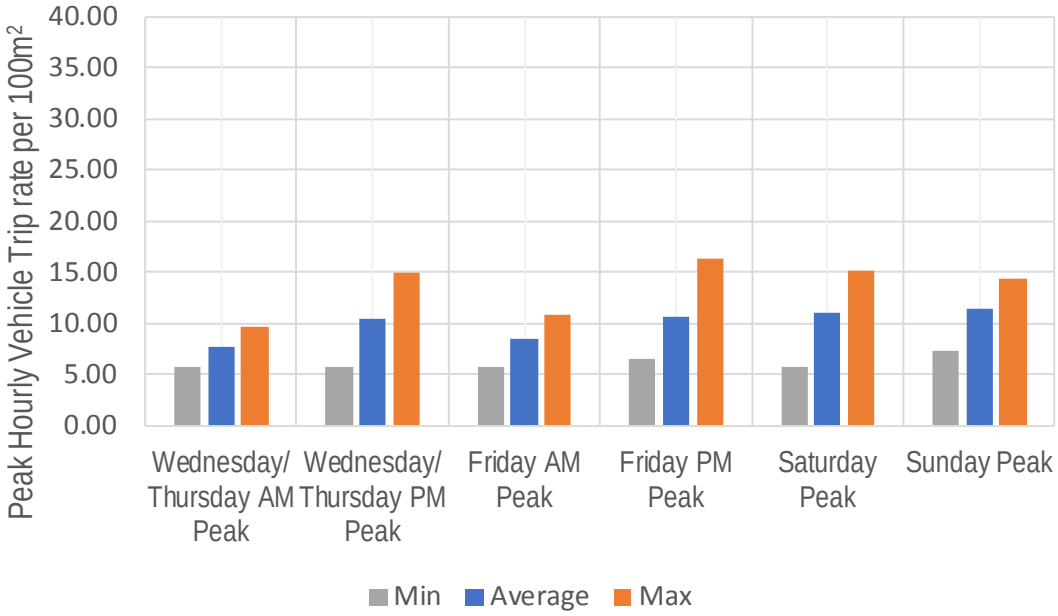


Figure 4.3: Summary of Vehicle Peak Trips per 100m square GLFA for sites >2,000m square

5. SURVEY DATA VERIFICATION

5.1 OVERVIEW

The survey data collected for this project was compared to similar surveys, from other sources, to identify any similarities, inconsistencies or errors. A comparison was undertaken with the following previous studies and trip generation rates:

- QLD Raw Data Sources (online publication);
- RTA Guide to Traffic Generating Developments (2002);
- TDB AU Database – NSW, including existing NSW and NZ TDB data; and
- Institute of Technical Education (ITE) Trip Generation Rates.

5.2 QLD RAW DATA

The QLD Raw Data provides a summary of the traffic generation for peak hour trips at shopping centres primarily located in south-east Queensland. Stand-alone supermarkets (SAS) and shopping centres with less than 10,000m square GLFA were selected for comparison with similar sites from those surveyed for this project based on the following criteria:

- whether it is a stand-alone shopping centre or has specialty stores; and
- the Gross leasable floor area (GLFA).

Table 5.1 compares the QLD traffic generation summary data to the relevant surveyed site's data. It should be noted that the 'peak' period has been assumed as the highest Saturday weekend peak for comparison purposes.

Table 5.1: Comparison of Surveyed Data with QLD Raw data

Survey Year/Site Number[2]	Type[1]	GLFA (m square)	Peak Hourly Trips	Daily Trips
Weekdays - QLD DATA				
2006	SAS	1432	232	
2006	SAS	4813	436	
2007	SC	5000	405	
2007	SC	5000	458	
2007	SC	5000	665	
2007	SC	6400	535	
2007	SC	9600	986	
2007	SC	9900	1210	
2008	SC	9400	759	7957
2011	SAS	1587	261	2403
2015	SAS	1460	154	1537
2016	SAS	1601	239	2186
2017	SAS	1630	170	1997
Weekdays - Survey Data				
10	SAS	1452	226 - 240	2592 - 2604
13	SC	4831	565 - 594	4369 - 5045
17	SC	5000	459 - 490	3580 - 3633
16	SC	4933	739 - 811	4607 - 5332
14	SC	5028	293 - 329	2844 - 2906

Survey Year/Site Number[2]	Type[1]	GLFA (m square)	Peak Hourly Trips	Daily Trips
7	SC	6394	479 - 421	3416 - 4628
18	SC	9505	711 - 744	6626 - 7202
9	SC	9700	945 - 990	8155 - 8509
Weekends - QLD DATA				
2008	SC	9400	828	6818
2011	SAS	1587	243	2405
2015	SAS	1460	181	1441
2016	SAS	1601	300	2059
2017	SAS	1630	291	2164
Weekends - Survey Data				
18	SC	9505	809	6313
10	SAS	1452	383	2363

1) SAS – Stand Alone Supermarket; SC –Shopping Centre (multiple tenancies)
2) Site Reference Number for Roads and Maritime NSW Suburban Shop Survey by Bitzios Consulting of a similar location and size.

Table 5.1 shows that the surveyed vehicle trip generation shows some differences from historical QLD Data sources. Weekend trips in particular appear to be higher within the survey dataset. Whilst differences in the recent survey data and the historical data may be due to a variety of parameters such as the year the data was collected, location and store breakdown, both datasets show weekends have higher peak 1 hour volumes.

5.3 RTA GUIDE TO TRAFFIC GENERATING DEVELOPMENTS (2002)

A comparison of the trip generation rates provided within the RTA Guide to Traffic Generating Developments (2002) and the average surveyed trip generation rates is provided in Table 5.2.

Table 5.2: Comparison of Surveyed Data and RTA Guide

		Surveyed Average Vehicle Trip Rate per 100m square GLFA		
Day	RTA Guide (2002)	All sites	<2,000m square GLFA	>2,000m square GLFA
Wednesday / Thursday (PM Peak)	12.3	14.5	222.0	10.4
Friday (PM Peak)	12.5	14.8	22.2	10.7
Saturday (PM Peak)	16.3	16.0	25,.0	11.1

Surveyed shopping centres with less than 2,000m square GLFA (<2,000m square GLFA) have a peak hour generation rate higher than that published in the *Guide* for all days. Conversely, the surveyed trip generation rates are lower than those within the *Guide* for centres between 2,000m square -10,000m square GLFA (>2,000m square GLFA). This difference was expected as the RTA guide provides aggregated rates for all types of shopping centres, however, the relative differences between trip generation for each day is similar. The *Guide* and the survey data sets both show the Saturday trip generation is significantly higher than trip generation on weekdays.

The survey data reveals weekend rates are close to the weekday peak rates, unlike the large differences in Saturday trip rates compared to weekday trip rates identified in the *Guide.* This difference is likely be caused by more Sunday trading since the *Guide* was introduced in 2002, with the data revealing that Saturday and Sunday trip rates are now similar.

5.4 TDB AU DATABASE

Trip data from the TDB AU database and Surveyed sites of similar location and size are compared in Table 5.3 overleaf.

Table 5.3: Comparison of Surveyed Data with TDB AU Database

				Vehicles in and out				Trips Generated							
				PM Peak (veh)		Daily Total (veh)		PM Peak (Veh / 100m square GFA)		DAILY (Veh / 100m square GFA)		PM Peak (Veh / Staff)		DAILY (Veh / Staff)	
Date of Survey	Day of Survey	GLFA (m square)	Similar Site	Surveyed Data	TDB Data	Surveyed Data	TDB Data	Surveyed Data	TDB Data	Surveyed Data	TDB Data	Surveyed Data	TDB Data	Surveyed Data	TDB Data
19/07/1990	Thursday	5,174	Site 17 - Lighthouse	459	537	3633	4701	9.18	10.38	72.66	90.86	4.59	5.97	36.33	52.23
20/07/1990	Friday	5,174	Site 17 - Lighthouse	490	612	3580	4908	9.80	11.83	71.60	94.86	4.90	6.80	35.80	54.53
21/07/1990	Saturday	5,174	Site 17 - Lighthouse	480	739	3762	5675	9.60	14.28	75.24	109.68	4.80	8.21	37.62	63.06
19/10/1990	Friday	6,393	Site 7 - Wentworthville	479	562	4628	5560	7.49	8.79	72.38	86.97	3.89	3.51	48.35	34.75
20/10/1990	Saturday			421	1031	3416	4367	6.58	16.13	53.43	68.31	3.42	6.44	46.34	27.29
18/10/1990	Thursday			578	749	4126	5740	9.04	11.72	64.53	89.79	4.62	4.68	48.09	35.88
10/08/1990	Friday	9,510	Site 9 - Glenrose	945	1193	8509	14,966	9.74	12.54	87.72	157.37	5.37	4.42	37.63	55.43
11/08/1990	Saturday			990	1597	8155	12,896	10.21	16.79	84.07	135.60	5.63	5.91	27.77	47.76
9/08/1990	Thursday			1,238	1519	8463	16,026	12.76	15.97	87.25	168.52	7.03	5.63	33.01	59.36

**veh – vehicles*

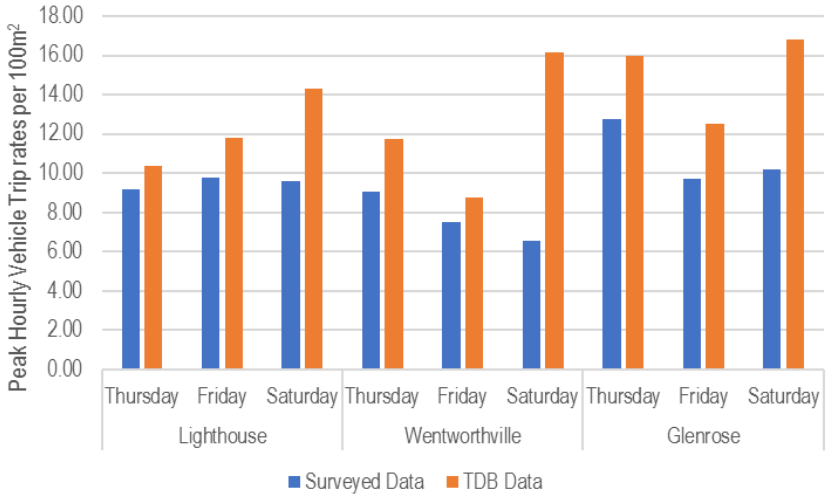
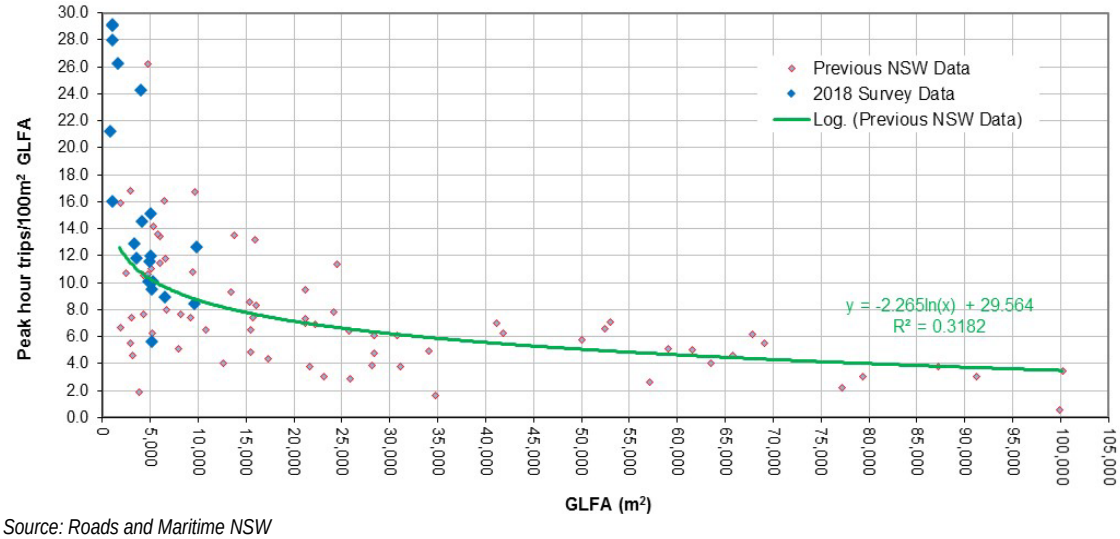


Figure 5.1: TDB Survey Trip Rates Comparison

Table 5.3 and Figure 5.1 show that the survey data generally involves a lower number of trips than those sites within the TDB data that have a similar GLFA. This may be due to the TDB survey being conducted in 1990 when there were fewer shopping centres and alternative transport mode options were limited.

Figure 5.2 compares TDB surveyed trip rates from previous studies in NSW (in 1980, the 1990s and 2011) with the 2018 survey data.



Source: Roads and Maritime NSW

Figure 5.2: Site Peak Hour Trip Rate as a Function of GLFA

The data shown in Figure 5.2 is for the "highest" surveyed weekly peak hour trip rate hour regardless of the day/time it occurred. For example, some more recent surveys show a peak rate on Saturday during the day while older data have peak rates on a Thursday night.

5.5 ITE TRIP GENERATION EQUATION (10TH EDITION)

The trip generation equations for shopping centres from the 10th edition of the Trip Generation Manual by ITE were tested. ITE's AM and PM peak period trip estimation equations were applied to each site surveyed and compared to the survey data as shown in Table 5.4.

Table 5.4: ITE Generated Trips Compared to Actual Trips Surveyed

			Total Generated Weekday Trips					
			AM Peak Hour (vph)			PM Peak Hour (vph)		
Site	Survey Site GLFA (m square)	Survey Site GLFA (1000 Sq. Ft.)*	Survey Wed/ Thur	Surveyed Friday	ITE Equation	Surveyed Wed/ Thur	Surveyed Friday	ITE Equation
1	5142	55	428	413	230	526	491	369
2	3445	37	284	346	180	340	322	276
3	3182	34	310	279	172	459	418	261
4	4976	54	353	412	225	739	771	360
5	991	11	209	197	107	215	225	113
6	991	11	204	213	107	221	195	113
7	6394	69	372	363	267	479	421	431
8	4740	51	315	301	218	327	337	348
9	9700	104	781	1046	365	945	990	582
10	1452	16	226	240	120	357	356	148
11	4027	43	353	376	197	510	600	309
12	991	11	189	178	107	234	242	113
13	4831	52	445	476	221	565	594	352
14	5028	54	311	324	227	293	329	363
15	991	11	100	98	107	150	161	113
16	4933	53	451	489	224	739	811	358
17	5000	54	296	385	226	459	490	361
18	9505	102	740	775	360	711	744	574
19	3920	42	233	259	194	309	350	303
20	660	7	162	205	97	208	198	84

**ITE uses GLA in its equations however for the purposes of this report the terminology GLFA has been used.*

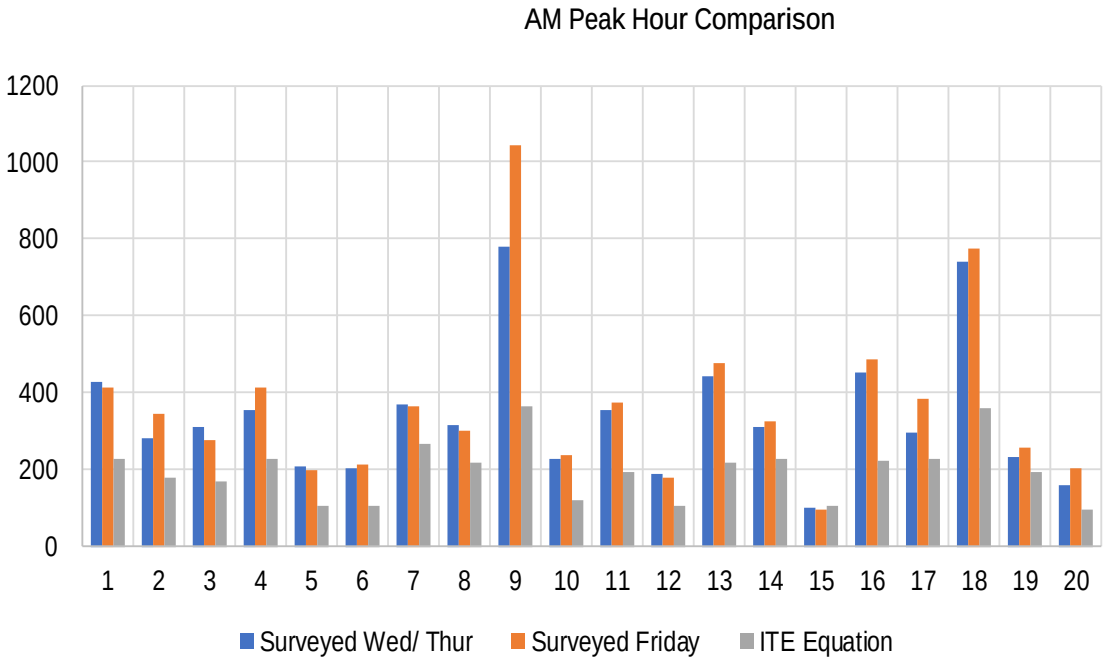


Figure 5.3: Weekday Trip Generation - AM Peak

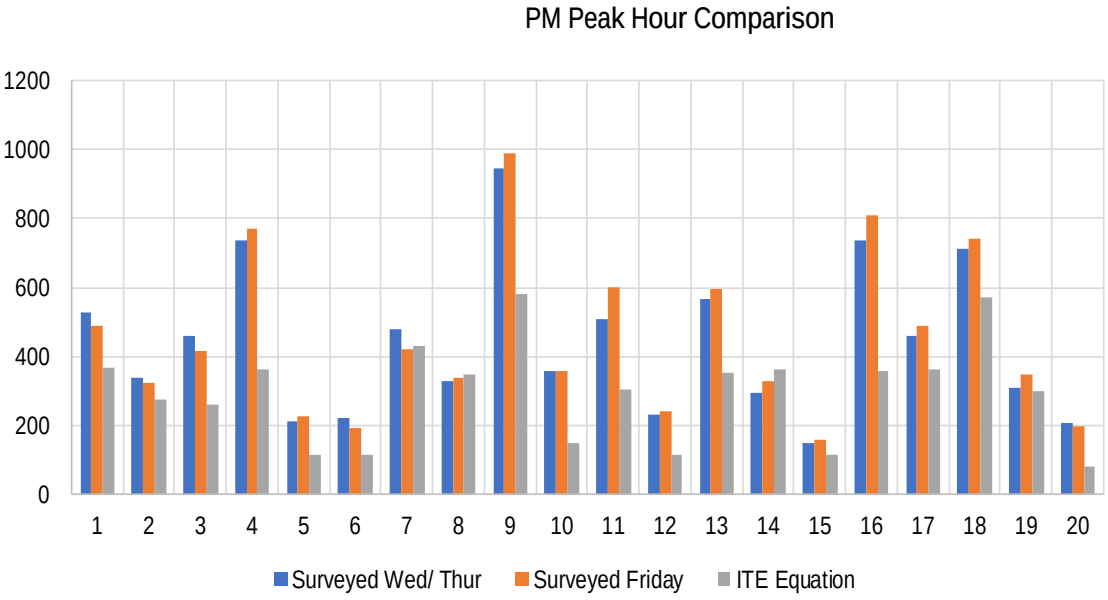


Figure 5.4: Weekday Trip Generation - PM Peak

Table 5.4 and Figure 5.4 shows that the survey results are similar to those generated by the ITE Equations for the PM peak period vehicle trips. However, as seen in Figure 5.3 the ITE equation typically produces lower traffic generation compared to the survey data for the AM peak hour.

6. DATA ANALYSIS METHODOLOGY

Various independent variables were tested to investigate the relationships between these variables and the trip generation of the small suburban shopping centres surveyed. This analysis was undertaken for daily and peak hour data sets, for both weekdays and weekends.

Three (3) methods were used for analysis of trip generation. Single, -variable and multi-variable linear regression of the following general form was used:

$$Y = a_0 + a_1 X_1 + a_2 X_2 + \ldots + a_k X_k$$

Where Y is the trip generate rate, X_1 to X_k are the independent variables, and a, to a are the regression outputs.

Where both Single and Multiple Linear regression models were not considered appropriate, an exponential regression of the following form, was applied:

$$Y = a_0 e^{a_k x_k}$$

Where Y is the trip generate rate, X_k is the independent variable, and a_o, to a_k are the regression outputs.

A correlation matrix and single linear regression summary was created for each set of compared data with a summary of results and key relationships identified. Following this, the multiple regression analyses were prescribed combining the most likely independent variables to identify if there were any valid relationships with each dependent variable. Where no acceptable model could be determined using linear regression methods exponential regression analyses were undertaken.

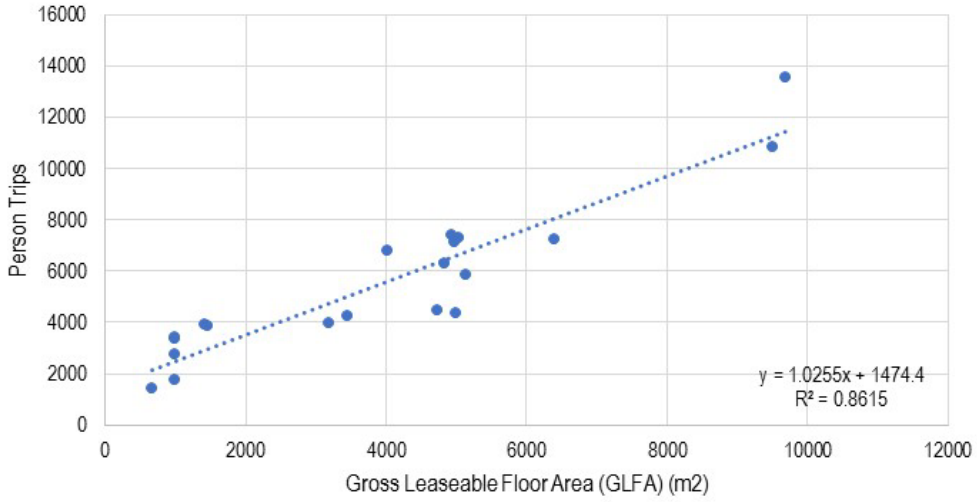
The accuracy of linear regression is generally guided by the coefficient R^2, which represents the percentage of variation in the dependent variable and therefore how much of the variation is based on the independent variables. For example, a R^2 result of 1.0 indicates that 100% of variation in the dependent variable is associated with the independent variable, therefore as the R^2 value approaches 100% the more accurate the 'model' becomes. Following an initial review of the data and preliminary correlation analysis, linear regression values of R^2 greater than 0.8 were considered accurate enough to indicate a significant relationship between the dependent and independent variable.

Following a review of both Single and Multiple Linear relationships the 'best' models were selected for each peak and daily trip generation period. Where no significant relationship could be found (i.e. R^2 greater than 0.8) for linear regression models, exponential regression was tested.

Historical Roads and Maritime data demonstrating a non-linear profile for shopping centres of all sizes. An R^2 value greater than 0.75 was deemed as being an appropriate initial exponential model for further analysis. Where an appropriate exponential model was established it was then split into three equivalent linear equations by shopping centre size range. The size ranges were determined based on the outcomes of linear regression modelling. Further detail on this process is provided in Section 8.2.

Figure 6.1 shows an example of Single Linear regression using weekend Person Trip survey data to compare variables with 'good' and 'poor' correlation.

Saturday Daily – Single Linear Regression 1 (Good Correlation)



Friday PM Peak – Single Linear Regression 1 (Poor Correlation)

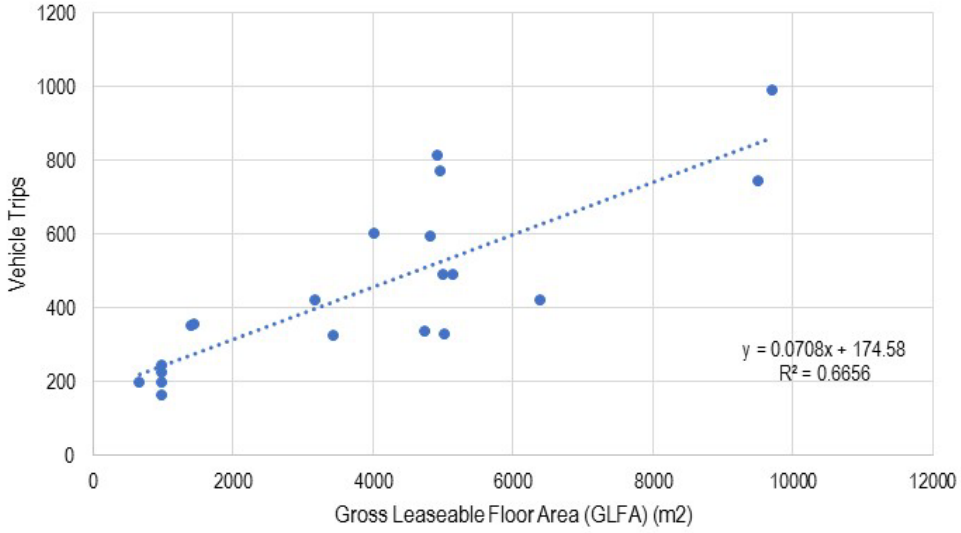


Figure 6.1: Example of Single Linear Regression with a Good and a Poor R^2 value

Regression analyses were conducted, and the data aggregated across all sites to determine the significance of relationships. In addition to an "All Sites" analysis, based on the findings of the preliminary data analysis, sites were also analysed using Single and Multiple Linear regressions for sites smaller than 2,000m square GLFA and sites between 2,000m square – 10,000m square GLFA.

It is noted that once surveyed sites are grouped into size 'bands' the number of data points included in the regression was reduced. While undertaking Multiple Linear Regression with a limited sample size does not provide high confidence in results it does allow a comparison of correlation and indications for further disaggregate analyses.

Exponential regression analyses were conducted for the "All Sites" data where no acceptable linear models could be found.

7. DATA ANALYSIS

7.1 OVERVIEW

Preliminary analysis of the data shows that the most significant influencing factor in the small suburban shopping centre trip generation rates is the site's Gross Leasable Floor Area (GLFA). Preliminary analysis of data by GLFA shows that sites smaller than 2,000m square GLFA appear to have a significantly higher traffic generation rate than those between 2,000m square and 10,000m square GLFA. Appendix A summarises the site-specific data.

The most common critical period for the impact of each site's traffic generation on the road network is the weekday PM peak hour and the Saturday peak hour. This finding is more pronounced at sites between 2,000m square and 10,000m square GLFA and less apparent for smaller sites.

Shopping Centre site peak hours typically differ from road network peak hours and accordingly the site peak hours have been used for determination of "design" trip generation rates. Further information is contained in the Bitzios Consulting Data Report (*P3497.002R NSW Small Suburban Shopping Centres - Trip Generation and Parking Data Report – 2018*).

Testing was firstly based on the data aggregated for all sites and then separately for data by each GLFA 'group' being sites less than 2,000m square GFA and sites between 2,000m square GFA and 10,000m square GFA. The analyses were undertaken for Weekday AM, Weekday PM and Weekend peak hours as well as for daily trip generation (Wednesday/Thursday, Friday, Saturday and Sunday). Although a number of sites were surveyed on a Wednesday (rather than Thursday), it was found that the traffic generation was similar across both days and these survey days were combined to increase the sample size for regression analysis.

Questionnaires undertaken at each site, collected data relating to the number of 'linked' vehicle trips and the average duration of stay. This data was also analysed.

7.2 VARIABLES TESTING CONSIDERATIONS

The independent variables which were tested to establish their relationship to traffic generation were:

- total number of on-site parking bays;
- GLFA (m square);
- average number of staff per day for weekdays and weekends. This data was not available for all sites and has been estimated where possible based on the *Trip Generation and Parking Data Report (2018*);
- major tenant's GLFA (m square);
- other tenant's combined GLFA (m square); and
- the occupied site area (m square).

The dependent variables for trip and traffic generation were:

- Weekday AM peak vehicle trips (Wednesday/Thursday and Friday);
- Weekday AM peak person trips (Wednesday/Thursday and Friday);
- Weekday PM Peak vehicle trips (Wednesday/Thursday and Friday);
- Weekday PM Peak person trips (Wednesday/Thursday and Friday);
- Weekend Peak (lunch) Vehicle Trips (Saturday and Sunday);
- Weekend Peak (lunch) Person Trips (Saturday and Sunday);
- Weekday daily vehicle trips (all days); and
- Weekday daily person Trips (all days).

For each regression analysis method:

- any results which produced a negative 'R' value or were counter-intuitive excluded from the analysis; and

- the regression analysis initially allowed for a 'constant' in the regression equation. Once the most reasonable explanatory variables were identified using this process, the models were tested to determine if the intercept value (the constant) could be set to zero and not significantly comprise the quality of the relationship between the dependent and independent variables (s). This testing determined whether it is:
  - better to have a zero constant (which is generally preferred for trip generation equations applied at the lower end of the range of the independent variable), or
  - better to maintain a constant and define an independent variable range for which the formula applies (e.g. for > 100 parking spaces).

Where the constant value of a model was identified as contributing to more than 20% of the total trips generated by a site (when applying the model) the model was discarded for sites of that size range. An example of this process is provided in Table 7.1.

Table 7.1: Example of Constant Validity Testing

Model Scenario	Chosen Equation with Constant	Smallest Surveyed Site	Percentage attributed to Trips by Constant	Recommendation
Wednesday/Thursday AM Peak – Sites with 2,000m square – 10,000m square GLFA	Vehicle Trips = 0.073 x GLFA + 15.5	3,182m square GLFA	6.2%	Re-run model with 'zero constant'
Friday AM Peak – All Sites	Vehicle Trips = 0.073 x GLFA + 83.72	660m square GLFA	63.66%	Maintain constant and define independent variable range for model application (i.e. >4500m square GLFA) where the constant represents 20% of the total traffic generation

The use of a constant is contrary to the premise that, *should the independent variable be 'zero' then number of generated trips should also be 'zero'*. However, including the constant often provides a more accurate overall model of the surveyed dataset when using linear regression. For example, should the model be forced to 'zero', the resulting formula may under-represent the smaller sites and over-represent the larger sites. That is, the error/useability range tests such as the t-statistic are worse.

As shown in Figure 7.1 the R-square result for the single variable linear regression model reduces when forcing the constant to 'zero', indicating a less accurate model testing.

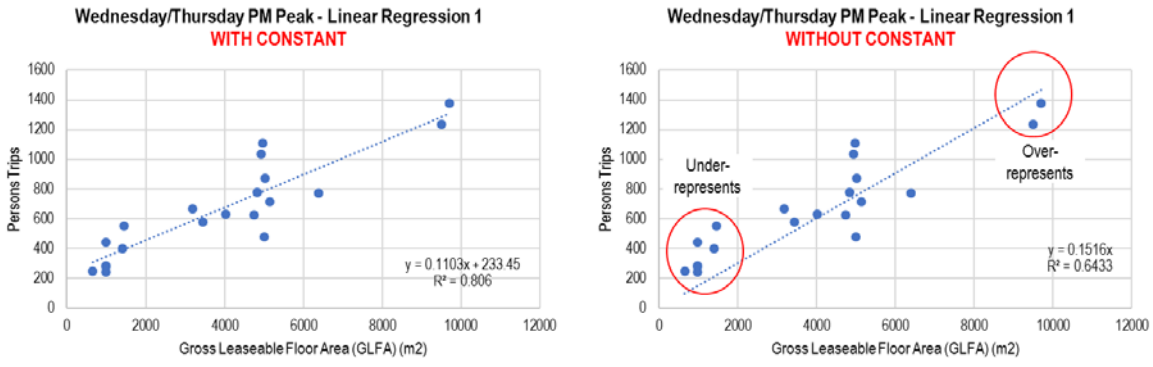


Figure 7.1: Single Linear Model Testing - With Constant vs Without Constant

Multiple Linear Regression showed an increase in the R-square for each model, however the error/useability range tests such as the t-statistic show that the resulting formula often under-represents the smaller sites and over-represents the larger sites. An example of Multiple Linear Regression models with and without a 'zero' constant are shown in Figure 7.2.

Friday - AM Peak Persons - MULTIPLE REGRESSION 4 — **With Constant**

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.881277635
R Square	0.77665027
Adjusted R Square	0.736041228
Standard Error	160.0685613
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	980042.3268	490021.1634	19.1250577	0.000262676
Residual	11	281841.3874	25621.94431		
Total	13	1261883.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	88.22463862	196.404187	0.449199378	0.662009282	-344.0580623	520.5073395	-344.0580623	520.5073395
Major Tenant GLFA (m2)	0.077204108	0.057747363	1.33692873	0.208237363	-0.04989698	0.204305196	-0.04989698	0.204305196
Other Tenants GLFA (m2	0.166474678	0.034716838	4.795214269	0.000557614	0.090063432	0.242885923	0.090063432	0.242885923

Friday - AM Peak Persons - MULTIPLE REGRESSION 4 — **Without Constant**

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.979910919
R Square	0.960225408
Adjusted R Square	0.873577526
Standard Error	154.6532103
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	6928936.615	3464468.307	144.8500714	1.25292E-08
Residual	12	287011.3854	23917.61545		
Total	14	7215948			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Major Tenant GLFA (m2)	0.10155048	0.019255001	5.273979378	0.000196525	0.059597436	0.143503524	0.059597436	0.143503524
Other Tenants GLFA (m2)	0.163632748	0.032980645	4.961478032	0.000329954	0.091774094	0.235491401	0.091774094	0.235491401

T-stat higher for 'without' scenario, indicating higher level of error / line of best fits distance from data-points

Figure 7.2: Multiple Linear Regression Model Testing - With Constant vs Without Constant

7.3 CORRELATION AND SINGLE VARIABLE LINEAR REGRESSION ANALYSIS

7.3.1 All Sites

A correlation assessment of dependent and independent variables was undertaken for all surveyed sites to determine which variables were appropriate to consider in further modelling. The results of this assessment are shown in Figure 7.3.

Correlation Matrix (R Values)

All Sites - Correlation Matrix (R Values)		GLFA (m2)	Parking Spaces	Avg Weekday Staff Numbers	Avg Weekend Staff Numbers	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Occupied Site Area (m2)
	GLFA (m2)	1.000						
	Parking Spaces	0.907	1.000					
	Avg Weekday Staff Numbers	0.880	0.772	1.000				
	Avg Weekend Staff Numbers	0.816	0.674	0.984	1.000			
	Major Tenant GLFA (m2)	0.924	0.776	0.788	0.770	1.000		
	Other Tenants GLFA (m2)	0.919	0.898	0.834	0.733	0.699	1.000	
	Occupied Site Area (m2)	0.985	0.952	0.863	0.783	0.873	0.944	1.000
Wednesday/Thursday 1-hr AM Peak	AM Vehicle Trips	0.933	0.928	0.858	0.784	0.834	0.887	0.955
	AM Person Trips	0.885	0.867	0.799	0.723	0.789	0.844	0.914
Wednesday/Thursday 1-hr PM Peak	PM Vehicle Trips	0.839	0.780	0.834	0.809	0.786	0.760	0.835
	PM Person Trips	0.898	0.848	0.876	0.837	0.839	0.816	0.907
Wednesday/Thursday Daily (8.30am-9pm)	Daily Vehicle Trips	0.903	0.853	0.849	0.798	0.817	0.848	0.906
	Daily Person Trips	0.917	0.878	0.837	0.771	0.821	0.870	0.937
Friday 1-hr AM Peak	AM Vehicle Trips	0.901	0.930	0.824	0.734	0.746	0.917	0.936
	AM Person Trips	0.899	0.900	0.789	0.694	0.762	0.898	0.934
Friday 1-hr PM Peak	PM Vehicle Trips	0.816	0.759	0.820	0.800	0.775	0.729	0.815
	PM Person Trips	0.848	0.774	0.820	0.791	0.813	0.749	0.851
Friday Daily (8.30am-6pm)	Daily Vehicle Trips	0.912	0.882	0.846	0.780	0.809	0.874	0.925
	Daily Person Trips	0.900	0.882	0.805	0.729	0.804	0.855	0.928
Saturday 1-hr Peak	Peak Vehicle Trips	0.873	0.873	0.806	0.749	0.773	0.838	0.893
	Peak Person Trips	0.910	0.901	0.822	0.762	0.814	0.864	0.935
Saturday Daily (8.30am-5pm)	Daily Vehicle Trips	0.903	0.871	0.838	0.783	0.799	0.866	0.914
	Daily Person Trips	0.928	0.901	0.836	0.769	0.816	0.896	0.953
Sunday 1-hr Peak	Peak Vehicle Trips	0.747	0.747	0.566	0.611	0.849	0.436	0.744
	Peak Person Trips	0.510	0.542	0.308	0.370	0.647	0.192	0.511
Sunday Daily (8.30am-5pm)	Daily Vehicle Trips	0.814	0.784	0.643	0.686	0.907	0.503	0.811
	Daily Person Trips	0.622	0.594	0.429	0.480	0.777	0.253	0.618

Figure 7.3 All Sites Correlation Matrix (R^2 values)

The 'All Sites' correlation matrix shows a good correlation between most variables with most trip generation values. The best correlation is between Vehicle Trips and GLFA-based variables.

A high correlation was also found between some independent variables such as between GLFA and Parking Spaces indicating that these variables may be 'dependent' on each other and inappropriate for their combined use in multiple variable regression analysis. The 'occupied site area' also showed a high correlation with the more commonly used GLFA-based variables

Single Variable Linear Regression

Single variable linear regression R^2 results are shown in Figure 7.4.

Linear Regression (R^2)		GLFA (m2)	Parking Spaces	Avg Weekday Staff Numbers	Avg Weekend Staff Numbers	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Occupied Site Area (m2)
	GLFA (m2)	1.000						
	Parking Spaces	0.823	1.000					
	Avg Weekday Staff Numbers	0.774	0.596	1.000				
	Avg Weekend Staff Numbers	0.666	0.454	0.968	1.000			
	Major Tenant GLFA (m2)	0.854	0.602	0.622	0.593	1.000		
	Other Tenants GLFA (m2)	0.845	0.806	0.695	0.538	0.488	1.000	
	Occupied Site Area (m2)	0.971	0.907	0.745	0.613	0.762	0.891	1.000
Wednesday/Thursday 1-hr AM Peak	AM Vehicle Trips	0.870	0.861	0.736	0.614	0.695	0.786	0.912
	AM Person Trips	0.784	0.752	0.638	0.523	0.622	0.712	0.836
Wednesday/Thursday 1-hr PM Peak	PM Vehicle Trips	0.704	0.608	0.696	0.654	0.618	0.577	0.697
	PM Person Trips	0.806	0.720	0.768	0.700	0.704	0.665	0.822
Wednesday/Thursday Daily (8.30am-9pm)	Daily Vehicle Trips	0.816	0.728	0.721	0.637	0.668	0.720	0.820
	Daily Person Trips	0.841	0.771	0.701	0.594	0.674	0.758	0.877
Friday 1-hr AM Peak	AM Vehicle Trips	0.812	0.866	0.679	0.538	0.557	0.842	0.876
	AM Person Trips	0.809	0.809	0.622	0.482	0.581	0.806	0.873
Friday 1-hr PM Peak	PM Vehicle Trips	0.666	0.576	0.672	0.640	0.600	0.531	0.663
	PM Person Trips	0.719	0.599	0.673	0.626	0.660	0.561	0.723
Friday Daily (8.30am-6pm)	Daily Vehicle Trips	0.832	0.779	0.716	0.609	0.654	0.764	0.856
	Daily Person Trips	0.809	0.778	0.648	0.532	0.647	0.730	0.861
Saturday 1-hr Peak	Peak Vehicle Trips	0.763	0.763	0.650	0.561	0.598	0.702	0.797
	Peak Person Trips	0.827	0.812	0.676	0.581	0.662	0.746	0.873
Saturday Daily (8.30am-5pm)	Daily Vehicle Trips	0.815	0.759	0.703	0.613	0.638	0.751	0.835
	Daily Person Trips	0.862	0.812	0.698	0.591	0.666	0.803	0.909
Sunday 1-hr Peak	Peak Vehicle Trips	0.557	0.558	0.320	0.373	0.720	0.190	0.554
	Peak Person Trips	0.260	0.294	0.095	0.137	0.419	0.037	0.262
Sunday Daily (8.30am-5pm)	Daily Vehicle Trips	0.662	0.615	0.414	0.471	0.823	0.253	0.659
	Daily Person Trips	0.386	0.353	0.184	0.230	0.604	0.064	0.381

Figure 7.4 All Sites Single Variable Linear Regression (R^2 values)

The single variable linear regression results identified suitable variables for testing in both single and multiple linear regression models. The two (2) highest R^2 values for each dependent variable are presented in green text in Figure 7.4 and those values in grey text are considered to be poor variables for further use. The best two (2) R^2 values for each peak and daily period were further analysed to develop single variable linear equations for each with the full set of models in Appendix B.

A summary of the best performing models for the All Sites single variable linear regression analysis are presented in Table 7.2.

Table 7.2: Single Variable Linear Regression Results - All Sites

Time	Scenario[1]	Dependent Value (Y)	Independent Value (X)	R^2 Value	Valid Analysis[2]
Wednesday/Thursday	1[2]	AM Peak Period Vehicle Trips	GLFA (m square)	0.870	Yes
	2[2]		Parking Spaces	0.861	Yes
	1	AM Peak Period Person Trips	GLFA (m square)	0.784	No
	1	PM Peak Period Person Trips	GLFA (m square)	0.806	Yes
	3		Average Weekday Staff Numbers	0.768	No
	1	Daily Vehicle Trips	GLFA (m square)	0.816	Yes
	1[2]	Daily Person Trips	GLFA (m square)	0.841	Yes
	2		Parking Spaces	0.771	No
Friday	1	AM Peak Period Vehicle Trips	GLFA (m square)	0.812	Yes
	2[2]		Parking Spaces	0.866*	Yes
	1	AM Peak Period Person Trips	GLFA (m square)	0.809	Yes
	2		Parking Spaces	0.809	Yes
	1[2]	PM Peak Person Trips	GLFA (m square)	0.719	No
	1[2]	Daily Vehicle Trips	GLFA (m square)	0.832	Yes
	2		Parking Spaces	0.779	No
	1	Daily Person Trips	GLFA (m square)	0.809	Yes

Time	Scenario[1]	Dependent Value (Y)	Independent Value (X)	R^2 Value	Valid Analysis[2]
	2		Parking Spaces	0.778	No
Saturday	1^	Peak Vehicle Trips	GLFA (m square)	0.829	Yes
	1	Peak Person Trips	GLFA (m square)	0.827	Yes
	2		Parking Spaces	0.812	Yes
	1	Daily Vehicle Trips	GLFA (m square)	0.815	Yes
	1[2]	Daily Person Trips	GLFA (m square)	0.862	Yes
	2		Parking Spaces	0.812	Yes
	3		Other Tenants GLFA (m square)	0.803	Yes
Sunday	2[2]	Daily Vehicle Trips	Major Tenant GLFA (m square)	0.823	Yes

1. Scenario numbers are as per the order tested, refer Appendix B.

2. R^2 greater than 0.8

Scenario's considered to provide the most accurate results are highlighted in green

** R^2 is greater than or approximately 0.8 without a constant*

^Site 14 has been excluded from this analysis as an 'outlier' data point

The best performing single variable linear regression models were tested to determine if the model constant could be set as 'zero' (i.e. represents less than 20% of total trips for smallest value data point). A summary of the test results is provided in Table 7.3.

Table 7.3: Single Variable Linear Regression Model Testing - All Sites

Scenario	Initial Linear Equation	Input Value	Constant Percentage	Set Zero Constant	New Equation
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 1	0.06*GLFA + 102.44	GLFA = 660m square	72%	No	NA
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 2	1.22*Parking Spaces + 93.82	Parking Spaces = 73	51%	No	NA
Wednesday/Thursday PM Peak Period Person Trips – Scenario 1	0.108*GLFA + 105.01	GLFA = 660m square	76%	No	NA
Wednesday/Thursday Daily Vehicle Trips – Scenario 1	0.653*GLFA + 1058.5	GLFA = 660m square	73%	No	NA
Wednesday/Thursday Daily Person Trips – Scenario 1	1.033*GLFA + 1476.6	GLFA = 660m square	68%	No	NA
Friday AM Peak Period Vehicle Trips – Scenario 1	0.073*GLFA + 83.72	GLFA = 660m square	36%	No	NA
Friday AM Peak Period Vehicle Trips – Scenario 2	1.53*Parking Spaces + 62.15	Parking Spaces = 73	36%	No	NA
Friday AM Peak Period Person Trips – Scenario 2	0.108*GLFA + 105.01	GLFA = 660m square	59%	No	NA
Friday PM Peak Period Person Trips – Scenario 1 *	0.104*GLFA + 268.39	GLFA = 660m square	80%	No	NA
Friday Daily Vehicle Trips – Scenario 1	0.597*GLFA + 1033.5	GLFA = 660m square	72%	No	NA
Friday Daily Person Trips – Scenario 1	0.91*GLFA + 1298.5	GLFA = 660m square	48%	No	NA

Scenario	Initial Linear Equation	Input Value	Constant Percentage	Set Zero Constant	New Equation
Saturday Peak Vehicle Trips – Scenario 1^	0.084*GLFA + 169.51	GLFA = 660m square	79%	No	NA
Saturday Peak Person Trips – Scenario 1	0.137*GLFA + 249.35	GLFA = 660m square	73%	No	NA
Saturday Daily Vehicle Trips – Scenario 1	0.604*GLFA + 1046.2	GLFA = 660m square	72%	No	NA
Saturday Daily Person Trips – Scenario 1	1.025 *GLFA + 1474.4	GLFA = 660m square	69%	No	NA
Sunday Daily Vehicle Trips – Scenario 2	0.809*GLFA + 898.19	Major Tenant = 991m square	74%	No	NA

**Although scenario shows R^2 much less than 0.8 this is the 'best' model result found from all analysis for the Friday PM peak period*

^Site 14 has been excluded from this analysis as an 'outlier' data point.

Scenario 1 models trips generated based on GLFA

Scenario 2 models trips generated based on the number of Parking spaces

Scenario 3 models trips generated based on the average number of Staff working this day

All single variable linear regression models are provided at Appendix B.

The analysis showed a high correlation between Vehicle Trips and GLFA for both AM Peak and Weekend Peak periods for all survey days. However, the Friday PM peak period data provided no scenario that demonstrated a model with high confidence (i.e. $R^2 > 0.8$).

Also, although strong R^2 values are shown for a number of the models more of them have a zero constant. The constant values represent a large proportion of the trips calculated when using each model. When the independent variable values approach zero the dependence on the variable is very small and the total trips are dominated by the constant value. To overcome this issue, a restricted input range has been recommended for the above models.

The analysis also shows a number of models with a good correlation between Person Trips and GLFA for both Daily trips and peak period trips on all days.

A disaggregated analysis (separated for sites less than 2,000m square GLFA and for sites between 2,000m square and 10,000m square GLFA) is presented in the following sections.

7.3.2 Sites Smaller than 2,000m square GLFA

A correlation assessment of dependent and independent variables was undertaken for all sites smaller than 2,000m square GLFA to determine which variables were appropriate to consider in further modelling. The results of this assessment are shown in Figure 7.5.

All Sites - Correlation Matrix (R Values)		GLFA (m2)	Parking Spaces	Avg Weekday Staff Numbers	Avg Weekend Staff Numbers	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Occupied Site Area (m2)
	GLFA (m2)	1.000						
	Parking Spaces	-0.450	1.000					
	Avg Weekday Staff Numbers	0.655	0.320	1.000				
	Avg Weekend Staff Numbers	0.770	0.165	0.986	1.000			
	Major Tenant GLFA (m2)	0.961	-0.471	0.525	0.646	1.000		
	Other Tenants GLFA (m2)	0.547	-0.128	0.671	0.704	0.292	1.000	
	Occupied Site Area (m2)	0.994	-0.461	0.611	0.729	0.985	0.450	1.000
Wednesday/Thursday 1-hr AM Peak	AM Vehicle Trips	0.588	0.014	0.524	0.571	0.530	0.424	0.571
	AM Person Trips	0.481	-0.093	0.245	0.309	0.494	0.166	0.491
Wednesday/Thursday 1-hr PM Peak	PM Vehicle Trips	0.810	0.075	0.820	0.863	0.783	0.428	0.808
	PM Person Trips	0.756	-0.069	0.549	0.617	0.802	0.183	0.782
Wednesday/Thursday Daily (8.30am-9pm)	Daily Vehicle Trips	0.731	0.016	0.657	0.710	0.698	0.412	0.725
	Daily Person Trips	0.803	-0.198	0.495	0.584	0.858	0.180	0.833
Friday 1-hr AM Peak	AM Vehicle Trips	0.494	0.303	0.718	0.714	0.393	0.513	0.459
	AM Person Trips	0.706	0.037	0.672	0.719	0.653	0.463	0.692
Friday 1-hr PM Peak	PM Vehicle Trips	0.864	-0.006	0.859	0.912	0.790	0.592	0.844
	PM Person Trips	0.874	0.010	0.838	0.892	0.848	0.452	0.873
Friday Daily (8.30am-6pm)	Daily Vehicle Trips	0.786	0.101	0.828	0.868	0.723	0.526	0.769
	Daily Person Trips	0.873	-0.082	0.774	0.842	0.811	0.560	0.857
Saturday 1-hr Peak	Peak Vehicle Trips	0.826	-0.227	0.555	0.645	0.817	0.378	0.830
	Peak Person Trips	0.904	-0.426	0.484	0.602	0.910	0.369	0.915
Saturday Daily (8.30am-5pm)	Daily Vehicle Trips	0.819	-0.287	0.547	0.642	0.763	0.518	0.804
	Daily Person Trips	0.818	-0.437	0.407	0.523	0.791	0.433	0.815
Sunday 1-hr Peak	Peak Vehicle Trips	0.446	0.796	0.449	0.449	0.446	0.446	0.446
	Peak Person Trips	0.097	0.370	0.086	0.086	0.097	0.097	0.097
Sunday Daily (8.30am-5pm)	Daily Vehicle Trips	0.783	0.896	0.788	0.788	0.783	0.783	0.783
	Daily Person Trips	0.676	0.767	0.673	0.673	0.676	0.676	0.676

Figure 7.5 Sites <2,000m square GLFA Correlation Matrix (R^2 values)

For sites smaller than 2,000m square GLFA, the correlation matrix show limited scenarios with a good correlation between most variables and most trip generation values. The best correlation was achieved with Vehicle Trips and the GLFA-based variables. A number of the 'Parking Space' correlations were negative and were excluded from further analysis.

The approximate 'occupied site area' variables were also discarded with the more common GLFA based variables used instead.

Single Variable Linear Regression

Single variable linear regression results are calculated as the correlation matrix R values squared, as shown in Figure 7.6.

Linear Regression (R^2)		GLFA (m2)	Parking Spaces	Avg Weekday Staff Numbers	Avg Weekend Staff Numbers	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Occupied Site Area (m2)
	GLFA (m2)	1.000						
	Parking Spaces	0.202	1.000					
	Avg Weekday Staff Numbers	0.429	0.103	1.000				
	Avg Weekend Staff Numbers	0.593	0.027	0.972	1.000			
	Major Tenant GLFA (m2)	0.923	0.222	0.276	0.417	1.000		
	Other Tenants GLFA (m2)	0.299	0.017	0.451	0.496	0.085	1.000	
	Occupied Site Area (m2)	0.988	0.212	0.373	0.531	0.971	0.203	1.000
Wednesday/Thursday 1-hr AM Peak	AM Vehicle Trips	0.345	0.000	0.274	0.326	0.281	0.180	0.326
	AM Person Trips	0.231	NA	0.060	0.096	0.244	0.027	0.241
Wednesday/Thursday 1-hr PM Peak	PM Vehicle Trips	0.657	0.006	0.673	0.745	0.613	0.183	0.653
	PM Person Trips	0.571	NA	0.302	0.381	0.644	0.033	0.611
Wednesday/Thursday Daily (8.30am-9pm)	Daily Vehicle Trips	0.534	0.000	0.431	0.505	0.487	0.169	0.526
	Daily Person Trips	0.645	NA	0.245	0.341	0.736	0.032	0.694
Friday 1-hr AM Peak	AM Vehicle Trips	0.244	0.092	0.516	0.510	0.155	0.264	0.211
	AM Person Trips	0.499	0.001	0.451	0.517	0.426	0.214	0.479
Friday 1-hr PM Peak	PM Vehicle Trips	0.747	NA	0.738	0.832	0.625	0.351	0.712
	PM Person Trips	0.764	0.000	0.703	0.795	0.720	0.204	0.762
Friday Daily (8.30am-6pm)	Daily Vehicle Trips	0.618	0.010	0.686	0.753	0.523	0.277	0.592
	Daily Person Trips	0.762	NA	0.599	0.710	0.658	0.314	0.735
Saturday 1-hr Peak	Peak Vehicle Trips	0.681	NA	0.308	0.417	0.668	0.143	0.689
	Peak Person Trips	0.817	NA	0.234	0.362	0.827	0.136	0.836
Saturday Daily (8.30am-5pm)	Daily Vehicle Trips	0.670	NA	0.300	0.412	0.582	0.268	0.647
	Daily Person Trips	0.670	NA	0.166	0.274	0.626	0.187	0.664
Sunday 1-hr Peak	Peak Vehicle Trips	0.199	0.634	0.202	0.202	0.199	0.199	0.199
	Peak Person Trips	0.009	0.137	0.007	0.007	0.009	0.009	0.009
Sunday Daily (8.30am-5pm)	Daily Vehicle Trips	0.614	0.803	0.622	0.622	0.614	0.614	0.614
	Daily Person Trips	0.457	0.588	0.452	0.452	0.457	0.457	0.457

Figure 7.6 Sites <2,000m square GLFA Single Linear Regression

The single variable linear regression results identified suitable variables to be tested in both single and multiple linear regression models. The two (2) highest R^2 values for each dependent variable are presented in green text in Figure 7.6, those values in grey text are considered poor variables for further use. The best two (2) R^2 values for each peak and daily period were further analysed to develop single variable linear equations for each with the full set of models in Appendix B.

A summary of the best performing models for the Sites <2,000m square GLFA using single linear variable regression analysis are presented in Table 7.4.

Table 7.4: Single Linear Regression Results Table – Sites <2,000m square GLFA

Time	Scenario[1]	Dependent Value (Y)	Independent Value (X)	R^2 Value	Valid Analysis[2]
Wednesday/Thursday	1	PM Peak Period Vehicle Trips	GLFA (m square)	0.657	No
	2		Average Staff Numbers	0.673	No
	2	PM Peak Period Person Trips	Major Tenant GLFA (m square)	0.644	No
	1	Daily Person Trips	GLFA (m square)	0.645	No
	2		Major Tenant GLFA (m square)	0.736	No
Friday	1	PM Peak Period Vehicle Trips	GLFA (m square)	0.747	No
	2		Average Staff Numbers	0.738	No
	1	PM Peak Period Person Trips	GLFA (m square)	0.764	No
	2		Average Staff Numbers	0.703	No
	1	Daily Person Trips	GLFA (m square)	0.762	No
Saturday	1	Peak Period Vehicle Trips	GLFA (m square)	0.681	No
	1	Peak Period Person Trips	GLFA (m square)	0.817	Yes
	2		Major Tenant GLFA (m square)	0.827	Yes
	1	Daily Vehicle Trips	GLFA (m square)	0.670	No
	1	Daily Person Trips	GLFA (m square)	0.670	No
Sunday	1	Daily Vehicle Trips	Parking Spaces	0.803	Yes

1. Scenario numbers are as per the order tested, refer Appendix B.

2. R^2 greater than 0.8

Scenario's considered to provide the most accurate results are highlighted in green

The best performing single variable linear regression models were tested to determine if the model constant could be set as 'zero' (i.e. less than 20% of total trips for smallest value data point). A summary of the test results are provided in Table 7.5.

Table 7.5: Single Linear Regression Model Equation Testing - Sites <2,000m square GLFA

Scenario	Initial Linear Equation	Input Value	Constant Percentage	Set Zero Constant	New Equation
Saturday Peak Period Person Trips – Scenario 1	0.506*GLFA - 108.99	GLFA = 660m square	-48%	No	NA
Saturday Peak Period Person Trips – Scenario 2	0.582*Major Tenant GLFA – 172.39	Major Tenant GLFA = 660m square	-81%	No	NA
Sunday Daily Vehicle Trips – Scenario 1	2.49*GLFA – 908.18	GLFA = 660m square	-58%	No	NA

Scenario 1 models trips generated based on GLFA

Scenario 2 models trips generated based on the number of Parking spaces

All linear regression model results are provided in Appendix B.

The analysis showed poor correlation between Vehicle Trips any independent variable for all periods across all days. This is most likely due to the limited number of data points and the variability in this data.

7.3.3 Sites between 2,000m square and 10,000m square GLFA

A correlation assessment of dependent and independent variables was undertaken for sites between 2,000m square and 10,000m square GLFA to determine which variables were appropriate to consider in further modelling. The results of this assessment are shown in Figure 7.7.

All Sites - Correlation Matrix (R Values)		*GLFA (m2)*	*Parking Spaces*	*Avg Weekday Staff Numbers*	*Avg Weekend Staff Numbers*	*Major Tenant GLFA (m2)*	*Other Tenants GLFA (m2)*	*Occupied Site Area (m2)*
	GLFA (m2)	1.000						
	Parking Spaces	0.952	1.000					
	Avg Weekday Staff Numbers	0.719	0.652	1.000				
	Avg Weekend Staff Numbers	0.555	0.477	0.964	1.000			
	Major Tenant GLFA (m2)	0.769	0.752	0.442	0.378	1.000		
	Other Tenants GLFA (m2)	0.918	0.862	0.728	0.540	0.452	1.000	
	Occupied Site Area (m2)	0.992	0.973	0.723	0.552	0.749	0.919	1.000
Wednesday/Thursday 1-hr AM Peak	AM Vehicle Trips	0.917	0.928	0.746	0.594	0.723	0.830	0.933
	AM Person Trips	0.828	0.825	0.649	0.501	0.638	0.759	0.862
Wednesday/Thursday 1-hr PM Peak	PM Vehicle Trips	0.667	0.685	0.665	0.608	0.513	0.612	0.688
	PM Person Trips	0.786	0.827	0.752	0.659	0.608	0.719	0.831
Wednesday/Thursday Daily (8.30am-9pm)	Daily Vehicle Trips	0.813	0.807	0.698	0.588	0.600	0.762	0.824
	Daily Person Trips	0.846	0.858	0.678	0.534	0.606	0.804	0.884
Friday 1-hr AM Peak	AM Vehicle Trips	0.893	0.915	0.711	0.541	0.587	0.882	0.915
	AM Person Trips	0.861	0.879	0.622	0.435	0.565	0.850	0.900
Friday 1-hr PM Peak	PM Vehicle Trips	0.635	0.657	0.649	0.605	0.521	0.563	0.659
	PM Person Trips	0.694	0.700	0.637	0.569	0.579	0.609	0.731
Friday Daily (8.30am-6pm)	Daily Vehicle Trips	0.855	0.860	0.700	0.560	0.610	0.814	0.874
	Daily Person Trips	0.845	0.864	0.636	0.480	0.639	0.782	0.884
Saturday 1-hr Peak	Peak Vehicle Trips	0.803	0.855	0.660	0.544	0.584	0.758	0.825
	Peak Person Trips	0.863	0.928	0.677	0.546	0.637	0.808	0.899
Saturday Daily (8.30am-5pm)	Daily Vehicle Trips	0.844	0.849	0.704	0.588	0.613	0.797	0.852
	Daily Person Trips	0.906	0.914	0.707	0.565	0.660	0.854	0.932
Sunday 1-hr Peak	Peak Vehicle Trips	0.394	0.448	-0.223	-0.094	0.787	-0.170	0.444
	Peak Person Trips	0.206	0.319	-0.360	-0.197	0.660	-0.329	0.252
Sunday Daily (8.30am-5pm)	Daily Vehicle Trips	0.491	0.469	-0.157	-0.029	0.873	-0.108	0.537
	Daily Person Trips	0.164	0.181	-0.399	-0.279	0.663	-0.396	0.219

Figure 7.7 Sites 2,000m square and 10,000m square GLFA Correlation Matrix

The correlation matrix shows a good correlation between most variables and most trip generation values. The best correlations are between Vehicle Trips and GLFA-based variables.

A high correlation was formed between the GLFA and Parking Spaces variables, indicating these variables may be dependent on one another and inappropriate for combined use in multiple regression analysis.

Single Variable Linear Regression

Single variable linear regression combination indicating each variable combination's correlation or ability to accurately estimate trip generation values. R^2 results are shown in Figure 7.8.

Linear Regression (R^2)		GLFA (m2)	Parking Spaces	Avg Weekday Staff Numbers	Avg Weekend Staff Numbers	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Occupied Site Area (m2)
	GLFA (m2)	1.000						
	Parking Spaces	0.907	1.000					
	Avg Weekday Staff Numbers	0.516	0.425	1.000				
	Avg Weekend Staff Numbers	0.308	0.227	0.930	1.000			
	Major Tenant GLFA (m2)	0.591	0.565	0.196	0.143	1.000		
	Other Tenants GLFA (m2)	0.842	0.743	0.530	0.291	0.204	1.000	
	Occupied Site Area (m2)	0.985	0.947	0.522	0.305	0.562	0.845	1.000
Wednesday/Thursday 1-hr AM Peak	AM Vehicle Trips	0.840	0.861	0.556	0.353	0.523	0.689	0.871
	AM Person Trips	0.685	0.681	0.421	0.251	0.407	0.575	0.742
Wednesday/Thursday 1-hr PM Peak	PM Vehicle Trips	0.445	0.469	0.442	0.370	0.263	0.374	0.473
	PM Person Trips	0.618	0.684	0.566	0.434	0.370	0.517	0.691
Wednesday/Thursday Daily (8.30am-9pm)	Daily Vehicle Trips	0.662	0.652	0.487	0.345	0.360	0.581	0.680
	Daily Person Trips	0.715	0.737	0.459	0.286	0.368	0.646	0.782
Friday 1-hr AM Peak	AM Vehicle Trips	0.798	0.837	0.506	0.293	0.345	0.777	0.838
	AM Person Trips	0.741	0.772	0.386	0.189	0.320	0.723	0.811
Friday 1-hr PM Peak	PM Vehicle Trips	0.404	0.431	0.421	0.366	0.271	0.317	0.434
	PM Person Trips	0.482	0.490	0.406	0.323	0.335	0.371	0.534
Friday Daily (8.30am-6pm)	Daily Vehicle Trips	0.731	0.740	0.490	0.313	0.372	0.663	0.763
	Daily Person Trips	0.713	0.747	0.405	0.230	0.408	0.611	0.781
Saturday 1-hr Peak	Peak Vehicle Trips	0.645	0.731	0.435	0.295	0.341	0.575	0.680
	Peak Person Trips	0.744	0.860	0.459	0.298	0.406	0.653	0.809
Saturday Daily (8.30am-5pm)	Daily Vehicle Trips	0.712	0.720	0.496	0.346	0.376	0.635	0.727
	Daily Person Trips	0.821	0.836	0.500	0.319	0.435	0.730	0.869
Sunday 1-hr Peak	Peak Vehicle Trips	0.155	0.201	NA	NA	0.619	NA	0.197
	Peak Person Trips	0.042	0.101	NA	NA	0.435	NA	0.064
Sunday Daily (8.30am-5pm)	Daily Vehicle Trips	0.241	0.220	NA	NA	0.763	NA	0.288
	Daily Person Trips	0.027	0.033	NA	NA	0.440	NA	0.048

Figure 7.8 Sites between 2,000m square and 10,000m square GLFA Single Variable Linear Regression

The single variable linear regression results identified suitable variables for testing in both single variable and multiple variable linear regression models. The two (2) highest R^2 values for each dependent variable are presented in green text in Figure 7.8 and those values in grey text are considered inappropriate combinations for regression. The best two (2) R^2 values for each peak and daily period were further analysed to determine single variable linear equations for each as reported in Appendix B.

A summary of the best performing models for the Sites between 2,000m square and 10, 000m square GLFA analysis are presented in Table 7.6.

Table 7.6: Single Variable Linear Regression Results Table – Sites between 2,000m square and 10,000m square GLFA

Time	Scenario[1]	Dependent Value (Y)	Independent Value (X)	R^2 Value	Valid Analysis[2]
Wednesday/Thursday	1[2]	AM Peak Period Vehicle Trips	GLFA (m square)	0.840*	Yes
	2[2]		Parking Spaces	0.861	Yes
	1	AM Peak Period Person Trips	GLFA (m square)	0.685	No
	2		Parking Spaces	0.681	No
	2	PM Peak Period Person Trips	Parking Spaces	0.684	No
	1	Daily Vehicle Trips	GLFA (m square)	0.662	No
	1	Daily Person Trips	GLFA (m square)	0.715	No
	2		Parking Spaces	0.737	No
Friday	1	AM Peak Period Vehicle Trips	GLFA (m square)	0.798	No
	2[2]		Parking Spaces	0.837*	Yes
	1	AM Peak Period Person Trips	GLFA (m square)	0.741	No
	2		Parking Spaces	0.772	No
	1	Daily Vehicle Trips	GLFA (m square)	0.731	No
	2		Parking Spaces	0.740	No
	2	Daily Person Trips	Parking Spaces	0.747	No

Time	Scenario[1]	Dependent Value (Y)	Independent Value (X)	R^2 Value	Valid Analysis[2]
Saturday	1	Peak Period Person Trips	GLFA (m square)	0.744	No
	2[2]		Parking Spaces	0.860	Yes
	1[2]	Daily Person Trips	GLFA (m square)	0.821*	No
	2		Parking Spaces	0.836	Yes
Sunday	2	Peak Period Vehicle Trips	Major Tenant GLFA (m square)	0.619	No
	2	Daily Vehicle Trips	Major Tenant GLFA (m square)	0.763	No

1. Scenario numbers are as per the order tested, refer Appendix B.

2. R^2 greater than 0.85

Scenario's considered to provide the most accurate results are highlighted in green

** R^2 is greater than or approximately 0.8 without a constant*

The best performing single variable linear regression models were tested to determine if the model's constant could be set as 'zero' (i.e. represents less than 20% of total trips for smallest value data point). A summary of the test results is provided in Table 7.7.

Table 7.7: Single Variable Linear Regression Model Testing - Sites between 2,000m square and 10,000m square GLFA

Scenario	Initial Linear Equation	Input Value	Constant Percentage	Set Zero Constant	New Equation
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 1	0.074*GLFA + 15.491	GLFA = 3,182m square	6%	Yes	0.076*GLFA
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 2	1.114*Parking Spaces + 137.61	Parking Spaces = 119	51%	No	NA
Friday AM Peak Period Vehicle Trips – Scenario 2	1.465*Parking Spaces + 90.922	Parking Spaces = 119	34%	No	NA
Saturday Peak Period Person Trips – Scenario 2	2.514*Parking Spaces + 342.11	Parking Spaces = 119	53%	No	NA
Saturday Daily Person Trips – Scenario 1	1.233* GLFA + 153.68	GLFA = 3,182m square	4%	Yes	1.258*GLFA
Saturday Daily Person Trips – Scenario 2	18.528*Parking Spaces + 2204.8	Parking Spaces = 119	50%	No	NA

Scenario 1 models trips generated based on GLFA

Scenario 2 models trips generated based on the number of Parking spaces

All single variable linear regression models for vehicle and person trip generation are provided in Appendix B.

The analysis showed good correlation between the GLFA and AM peak Vehicle Trips on weekdays and for Person Trips on weekends. The PM peak period data showed limited correlation for all models tested. Both the Wednesday/Thursday AM peak and Saturday Daily periods provided models with good correlation and low constant values, indicating models with a high level of accuracy.

Other models showing a high R^2 value produce a relatively large constant value. A large constant decreases the importance of the independent variable's multiplier, leading to an insensitive model for changes in the GLFA or in the number of parking spaces. To overcome this each of these models was nominated with a range restriction for its input values.

7.3.4 Single Variable Linear Regression Analysis Conclusions

The best performing single variable linear regression models were found with the 'All Sites' survey data. With the exception of the Friday PM peak period, all other peak and daily periods tested produced acceptable R^2 values above or approaching 0.8.

However, all of these regression models resulted in relatively large constant values. Range restrictions were subsequently determined for models to ensure that the constant equated to less than 20% of the trips generated for all data points.

Table 7.8: Best models: Single Linear Regression Analysis

Single Variable Linear Regression Scenario	Range	R^2 Value	Best Model Equation
Vehicle Trips			
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 1	6,800m square - 10,000m square	0.87	0.06*GLFA + 102
Wednesday/Thursday Daily Vehicle Trips – Scenario 1	6,450m square - 10,000m square	0.82	0.653*GLFA + 1059
Friday AM Peak Period Vehicle Trips – Scenario 2	>160 Parking Spaces	0.84	1.53*Parking Spaces + 62
Friday Daily Vehicle Trips – Scenario 1	6,900m square - 10,000m square	0.83	0.597*GLFA + 103
Saturday Daily Peak Period Vehicle Trips – Scenario 1	8,100m square - 10,000m square	0.83	0.084*GLFA + 170
Saturday Daily Vehicle Trips – Scenario 1	6,400m square - 10,000m square	0.82	0.604*GLFA + 1046
Person Trips			
Wednesday/Thursday PM Peak Period Person Trips – Scenario 1	3,850m square - 10,000m square	0.81	0.108*GLFA + 105
Wednesday/Thursday Daily Person Trips – Scenario 1	5,700m square - 10,000m square	0.84	1.033*GLFA + 1477
Friday AM Peak Period Person Trips – Scenario 1	3,850m square - 10,000m square	0.81	0.108*GLFA + 105
Friday Daily Person Trips – Scenario 1	5,700m square - 10,000m square	0.81	0.90*GLFA + 1299
Saturday Daily Peak Person Trips – Scenario 1	5,200m square - 10,000m square	0.83	0.137*GLFA + 249
Saturday Daily Person Trips – Scenario 1	3,000m square - 10,000m square	0.86	1.258*GLFA

Scenario 1 models trips generated based on GLFA

Scenario 2 models trips generated based on the number of Parking spaces

Two (2) models developed for sites between 2,000m square and 10,000m square GLFA provided better outcomes than those observed using All Sites, including:

- Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 1; and
- Saturday Daily Person Trips – Scenario 1.

7.4 MULTIPLE LINEAR REGRESSION ANALYSIS

Variable combinations selected for multiple linear regression analysis were informed by the variable correlation analysis and the single variable linear regression results. The dependent variables of 'Parking Spaces' and 'Occupied Site Area' were not included in the multiple linear regression analysis due to their high correlation with the other variables (i.e. GLFA).

Multiple linear regression scenarios were tested for All Sites, sites less than 2,000m square GLFA and sites between 2,000m square and 10,000m square GLFA. The results for all multiple linear regression scenarios that were tested are shown in Appendix C.

7.4.1 All Sites

The dependent variables (Person Trip and Vehicle Trips) were tested against five (5) multiple-variable combinations for each survey day's peak and daily trips. The independent variables selected for testing were grouped based on correlation matrix results (Section 7.3.1). The 5 tested scenarios include:

- GLFA and Parking Spaces (Scenario 1) – *tested but not used due to high correlation between inputs (parking and GLFA)*;
- GLFA and Average Weekday/Weekend Staff Numbers (Scenario 2);
- Major Tenant GLFA, Other Tenant GLFA and Average Weekday/Weekend Staff Numbers (Scenario 3);
- Major Tenant GLFA and Other Tenant GLFA (Scenario 4); and
- Major Tenant GLFA and Average Weekday/Weekend Staff Numbers (Scenario 5).

Results for the 'best performing' variables for all tested scenarios are shown in Table 7.9.

Regression Scenarios 3 and 4 exclude those surveyed sites with no 'Other Tenant'

Table 7.9: Multiple Linear Regression Tested Scenarios – All Sites

Time	Primary Aspect	Scenario[1]	Aspect 1	Aspect 2	R^2 Value[2]	Valid Analysis[3]
Wednesday / Thursday	AM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.854	Yes
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.827	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.813	Yes
	PM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.742	No
	Daily Vehicle Trips	2	GLFA	Average Weekday Staff	0.797	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.625	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.615	No
	AM Peak Period Person Trips	2	GLFA	Average Weekday Staff	0.737	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.622	No
	PM Peak Period Person Trips	2	GLFA	Average Weekday Staff	0.805	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.638	No
		5	Major Tenant GLFA	Average Weekday Staff	0.787	No
	Daily Person Trips	2	GLFA	Average Weekday Staff	0.801	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.663	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.672	No

Time	Primary Aspect	Scenario[1]	Aspect 1	Aspect 2	R^2 Value[2]	Valid Analysis[3]
Friday	AM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.793	No
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekday Staff	0.788	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.801	Yes
	PM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.715	No
	Daily Vehicle Trips	2	GLFA	Average Weekday Staff	0.822	Yes
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekday Staff	0.695	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.703	No
	AM Peak Period Person Trips	2	GLFA	Average Weekday Staff	0.777	No
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekday Staff	0.710	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.736	No
	PM Peak Period Person Trip	2	GLFA	Average Weekday Staff	0.716	No
		5	Major Tenant GLFA	Average Weekday Staff	0.716	No
	Daily Person Trips	2	GLFA	Average Weekday Staff	0.790	No
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekday Staff	0.649	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.677	No
Saturday	Peak Period Vehicle Trips	2	GLFA	Average Weekend Staff	0.732	No
	Daily Vehicle Trips	2	GLFA	Average Weekend Staff	0.797	No
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekend Staff	0.680	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.679	No
	Peak Period Person Trips	2	GLFA	Average Weekend Staff	0.801	No
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekend Staff	0.697	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.711	No
Saturday	Daily Person Trips	2	GLFA	Average Weekend Staff	0.839	Yes
		3	Major Tenant GLFA	Other Tenant GLFA / Average Weekend Staff	0.790	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.799	Yes
Sunday	Daily Vehicle Trips	3	Major Tenant GLFA	Other Tenant GLFA / Average Weekend Staff	0.576	No
	Daily Person Trips	3	Major Tenant GLFA	Other Tenant GLFA / Average Weekend Staff	0.643	No

1. Scenario numbers are as per order tested, refer Appendix B.

2. Adjusted R square from multiple regression model. This is an R^2 value that has been adjusted to allow for multiple variable dataset inputs.

3. R^2 greater than 0.8

The results show that 12 scenarios provide valid regression models. These models were further tested to determine if their constant could be set as 'zero' (on the basis of the constant being less than 20% of their total trips for smallest value data point).

A summary of the test results is provided in Table 7.10.

Table 7.10: Multiple Linear Regression Model Equation Testing – All Sites

Scenario	Initial Equation	Input Values	Constant Percentage	Set Zero Constant	New Equation
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 2	0.048*GLFA + 0.633*Staff + 94.35	GLFA = 660 Staff = 20	68%	No	NA
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 3	0.072*Major Tenant + 0.056*Other Tenant + 0.740*Staff – 28.95	Major Tenant GLFA = 2540 Other Tenant GLFA = 642 Staff = 84.5	-11%	Yes	0.065*Major Tenant + 0.057*Other Tenant + 0.702*Staff
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 4	0.077* Major Tenant + 0.075* Other Tenant – 4.52	Major Tenant GLFA = 2540 Other Tenant GLFA = 642	-2%	Yes	0.076*Major Tenant + 0.075*Other Tenant
Wednesday/Thursday PM Peak Person Trips – Scenario 2	0.06*GLFA + 2.46 *Staff + 231.89	GLFA = 660 Staff = 20	72%	No	NA
Wednesday/Thursday Daily Person Trips – Scenario 2	0.806*GLFA + 11.38 *Staff + 1390.82	GLFA = 660 Staff = 20	65%	No	NA
Friday AM Peak Period Vehicle Trips – Scenario 4	0.056* Major Tenant + 0.117* Other Tenant + 39.8	Major Tenant GLFA = 2540 Other Tenant GLFA = 642	15%	Yes	0.067*Major Tenant + 0.116*Other Tenant
Friday Daily Vehicle Trips – Scenario 2	0.474*GLFA + 6.67 *Staff + 943.44	GLFA = 660 Staff = 20	68%	No	NA
Friday PM Peak Person Trips – Scenario 2	0.094*Major Tenant + 2.75 *Staff + 197.12	Major Tenant = 991 Staff = 8	63%	No	NA
Saturday Peak Period Person Trips – Scenario 2	0.126*GLFA + 0.696*Staff + 221.32	GLFA = 660 Staff = 15	69%	No	NA
Saturday Daily Person Trips – Scenario 2	0.977*GLFA + 3.78*Staff + 1259.05	GLFA = 660 Staff = 15	63%	No	NA
Saturday Daily Person Trips – Scenario 4	1.026 * Major Tenant + 1.381* Other Tenant + 576.69	Major Tenant GLFA = 2540 Other Tenant GLFA = 642	14%	Yes	1.185*Major Tenant + 1.363*Other Tenant

Scenario 2 models trips generated based on GLFA and the average number of Staff working this day

Scenario 3 models trips generated based on the Major Tenants and Other Tenants GLFA and the average number of daily Staff

Scenario 4 models trips generated based on the Major Tenants GLFA and all Other Tenants GLFA

All multiple linear regression models are provided at Appendix C.

Scenarios 2 and 3 provided good R^2 results, however, due to the poor performance of the "Staff Number" variable Scenario 4 is the preferred multiple regression model for Wednesday/Thursday AM peak period vehicle trips. Scenario 4 also provides a low constant value.

No models of sufficient accuracy were determined for the PM peak trips or daily vehicle trips for a Wednesday/Thursday.

Scenario 2 provided the best models during the PM peak and Daily periods for person trips however, each model has an unacceptably-large constant value.

Friday vehicle trip generation regression models resulted in two scenarios with strong R^2 results; the AM peak and Daily periods. No PM peak scenarios provided suitable models.

Scenario 4 (AM peak vehicle trips) provided a small constant value providing a sensitive model across all development sites.

Saturday Peak person trips and Saturday Daily person trips produced acceptable models. No weekday reasonable models were found for PM peak scenarios. Scenario 4 provided the best models with a low constant value.

7.4.2 Sites Less than 2,000m square GLFA

The dependent variables (Person Trips and Vehicle Trips) were tested against three (3) multiple regression scenarios for each survey day's peak and daily trips. The independent variables selected for testing were grouped based on correlation matrix results (Section 7.3.2). The 3 tested scenarios were:

- GLFA and Parking Spaces (Scenario 1) – *tested but not used due to high correlation between inputs (parking and GLFA)*;
- GLFA and Average Weekday/Weekend Staff Numbers (Scenario 2); and
- Major Tenant GLFA and Average Weekday/Weekend Staff Numbers (Scenario 3).

The best performing models for sites less than 2,000m square GLFA are shown Table 7.11.

Table 7.11: Multiple Linear Regression Tested Scenarios – Sites <2,000m square GLFA

Time	Primary Aspect	Scenario[1]	Aspect 1	Aspect 2	R^2 Value[2]	Valid Analysis[3]
Wednesday/ Thursday	PM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.514	No
		3	Major Tenant GLFA	Average Weekday Staff	0.511	No
Friday	PM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.748	Yes
		3	Major Tenant GLFA	Average Weekday Staff	0.638	No
	Daily Vehicle Trips	2	GLFA	Average Weekday Staff	0.533	No
		3	Major Tenant GLFA	Average Weekday Staff	0.536	No
Saturday	Daily Vehicle Trips	2	GLFA	Average Weekend Staff	0.661	No
		3	Major Tenant GLFA	Average Weekend Staff	0.674	No

1. Scenario numbers are as per order tested, refer Appendix C.

2. Adjusted R square from multiple regression model. This is an R^2 value that has been adjusted to allow for multiple variable dataset inputs.

3. R^2 greater than 0.8

Only one model with an R^2 result approaching 0.8 was identified. No other scenario presented a suitable model for describing trip generation. This best performing model was tested to determine if the equation constant could be set as 'zero' (i.e. the constant representing less than 20% of total trips for the smallest variable values).

The survey site 'input values' selected for testing were those that resulted in the lowest number of trips for each model equation (i.e. the smallest available survey data input). A summary of the test results is provided in Table 7.12.

Table 7.12: Multiple Linear Regression Model Equation Testing – Sites <2,000m square GLFA

Scenario	Initial Equation	Input Values	Constant Percentage	Set Zero Constant	New Equation
Friday PM Peak Period Vehicle Trips – Scenario 2	-0.0005 *GLFA + 6.264*Staff + 147.191	GLFA = 991m square Staff = 8	75%	No	NA

Scenario 2 models trips generated based on GLFA and the average number of Staff working this day

All multiple linear regression models tested are provided in Appendix C.

Analysis of the model shows a negative GLFA coefficient and a large constant value. No multiple linear regression models for sites smaller than 2,000m square GLFA were identified.

7.4.3 Sites between 2,000m square and 10,000m square GLFA

The dependent variables (Person Trip and Vehicle Trips) were tested against five multiple regression scenarios for each survey day's peak and daily trips. The independent variables selected for testing were grouped based on correlation matrix results (Section 7.3.1). Regression Scenarios 3 and 4 exclude those surveyed sites with no 'Other Tenant'. The 5 tested scenarios were:

- GLFA and Parking Spaces (Scenario 1) – *tested but not utilised due to high correlation between inputs (parking and GLFA)*;
- GLFA and Average Weekday/Weekend Staff Numbers (Scenario 2);
- Major Tenant GLFA, Other Tenant GLFA and Average Weekday/Weekend Staff Numbers (Scenario 3);
- Major Tenant GLFA and Other Tenant GLFA (Scenario 4); and
- Major Tenant GLFA and Average Weekday/Weekend Staff Numbers (Scenario 5).

Results for the best performing models for the scenarios tested are shown in Table 7.13.

Table 7.13: Multiple Regression Tested Scenarios – Sites >2,000m square GLFA

Time	Primary Aspect	Scenario[1]	Aspect 1	Aspect 2	R^2 Value[2]	Valid Analysis[3]
Wednesday / Thursday	AM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.827	Yes
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.813	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.810	Yes
	Daily Person Trips	3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.637	No
Friday	AM Peak Period Vehicle Trips	2	GLFA	Average Weekday Staff	0.769	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.768	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.786	Yes
	Daily Vehicle Trips	2	GLFA	Average Weekday Staff	0.696	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.665	No
	AM Peak Period Person Trips	3	Major Tenant GLFA, Other Tenant GLFA	Average Weekday Staff	0.687	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.717	No
	Daily Person Trips	2	GLFA	Average Weekday Staff	0.658	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekend Staff	0.620	No
Saturday	Daily Vehicle Trips	3	Major Tenant GLFA, Other Tenant GLFA	Average Weekend Staff	0.647	No
		4	Major Tenant GLFA	Other Tenant GLFA	0.659	No
	Peak Period Person Trips	2	GLFA	Average Weekend Staff	0.701	No
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekend Staff	0.669	No
Saturday	Daily Person Trips	2	GLFA	Average Weekend Staff	0.792	Yes
		3	Major Tenant GLFA, Other Tenant GLFA	Average Weekend Staff	0.772	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.789	Yes
Sunday	Daily Vehicle Trips	3	Major Tenant GLFA, Other Tenant GLFA	Average Weekend Staff	0.694	Yes
		4	Major Tenant GLFA	Other Tenant GLFA	0.719	Yes
		5	Major Tenant GLFA	Average Weekend Staff	0.613	No

1. Scenario numbers are as per order tested, refer Appendix C.

2. Adjusted R square from multiple regression model. This is an R^2 value that has been adjusted to allow for multiple variable dataset inputs.

3. R^2 greater than 0.8

Results indicate that 5 scenarios provide a valid, or near-valid, regression model. These models were further tested to determine if the equation constant could be set as 'zero'.

Table 7.14: Multiple Linear Regression Model Equation Testing – Sites >2,000m square GLFA

Scenario	Initial Equation	Input Values	Constant Percentage	Set Zero Constant	New Equation
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 2	0.063*GLFA + 0.561*Staff + 11.02	GLFA = 660 Staff = 20	4%	Yes	0.065*GLFA + 0.57*Staff
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 3	0.074*Major Tenant GLFA + 0.056* Other Tenant GLFA + 0.632*Staff – 21.86	Major Tenant GLFA = 2540 Other Tenant GLFA = 642 Staff = 84.5	-9%	Yes	0.068*Major Tenant GLFA + 0.057* Other Tenant GLFA + 0.598*Staff
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 4	0.079*Major Tenant GLFA + 0.071*Other Tenant GLFA + 0.864	Major Tenant GLFA = 2540 Other Tenant GLFA = 642	4%	Yes	0.0795*Major Tenant GLFA + 0.071*Other Tenant GLFA
Saturday Daily Person Trips – Scenario 2	0.621*GLFA + 5.73*Staff + 250.05	GLFA = 660 Staff = 15	9%	Yes	1.165 *GLFA + 4.89*Staff
Saturday Daily Person Trips – Scenario 4	1.051 * Major Tenant GLFA + 1.327 * Other Tenant GLFA + 648.13	GLFA = 660 Staff = 15	0%	Yes	1.229*Major Tenant GLFA + 1.308*Other Tenant GLFA

Scenario 2 models trips generated based on GLFA and the average number of Staff working this day

Scenario 3 models trips generated based on the Major Tenants and Other Tenants GLFA and the average number of daily Staff

Scenario 4 models trips generated based on the Major Tenants GLFA and all Other Tenants GLFA

The multipliers for the models with 'Major Tennant' and 'Other Tennant' were of a similar relative scale across these different models providing confidence in the consistency of these models.

Scenarios 2 and 3 provided good R^2 results, however, due to the poor performance of the "Staff Number" inputs Scenario 4 was selected as preferred multiple linear regression model for Wednesday/Thursday AM peak period vehicle trips. Scenario 4 also provides relatively small constant value

For the Wednesday/Thursday AM Peak vehicle trip generation, Scenario 4 was determined as the preferred model for use.

No representative models were determined for the PM peak or Daily vehicle trips scenarios for a Wednesday/Thursday or Friday.

Scenario 2 and Scenario 4 show strong R^2 outputs for Saturday daily person trip generation models. Scenario 4 is recommended as the preferred model due to the poor performance of the 'Staff Number' variables in Scenario 2. Scenario 4 also includes a low constant value.

7.4.4 Multiple Linear Regression Analysis Conclusions

The best performing multiple linear regression models were observed using "All Sites" survey data and sites "between 2,000m square and 10,000m square GLFA". When compared to the single variable linear regression models, the multiple linear regression models typically produced poor performing models with lower R^2 values. Of the best performing model scenarios, four were determined using the 'All Sites' data set and five using the data for sites 'between 2,000m square and 10,000m square GLFA'.

Table 7.15 summarises the most effective models from the multiple linear regression analyses. Model range restrictions were determined based on when the equation constant equated to a less than 20% of the total trips generated by the model.

Table 7.15: Best performing models: Multiple Linear Regression

Multiple Linear Regression Scenario	Range	R^2 Value	Best Model Equation
Vehicle Trips			
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 4	2,000m square - 10,000m square	0.894	0.076*Major Tenant + 0.075*Other Tenant
Friday AM Peak Period Vehicle Trips – Scenario 4	2,000m square - 10,000m square	0.884	0.067*Major Tenant + 0.116*Other Tenant
Person Trips			
Wednesday/Thursday PM Peak Period Person Trips – Scenario 2	8,500m square - 10,000m square	0.805	0.06*GLFA + 2.46 *Staff + 231.89
Wednesday/Thursday Daily Person Trips – Scenario 2	5,450m square - 10,000m square	0.801	0.806*GLFA + 11.38 *Staff + 1390.82
Saturday Daily Person Trips – Scenario 4	3,000m square - 10,000m square	0.884	1.229*Major Tenant + 1.308*Other Tenant

Scenario 2 models trips generated based on GLFA and the average number of Staff working this day

Scenario 4 models trips generated based on the Major Tenants GLFA and all Other Tenants GLFA

7.5 EXPONENTIAL REGRESSION ANALYSIS

7.5.1 Overview

Single variable and multiple linear regression resulted in a limited number of appropriate models. A further review of the data identified the potential for non-linear models. Exponential (logarithmic) modelling was subsequently initiated.

Logarithmic trends for Friday PM and Saturday peak data sets are presented in Figure 7.9 and Figure 7.10.

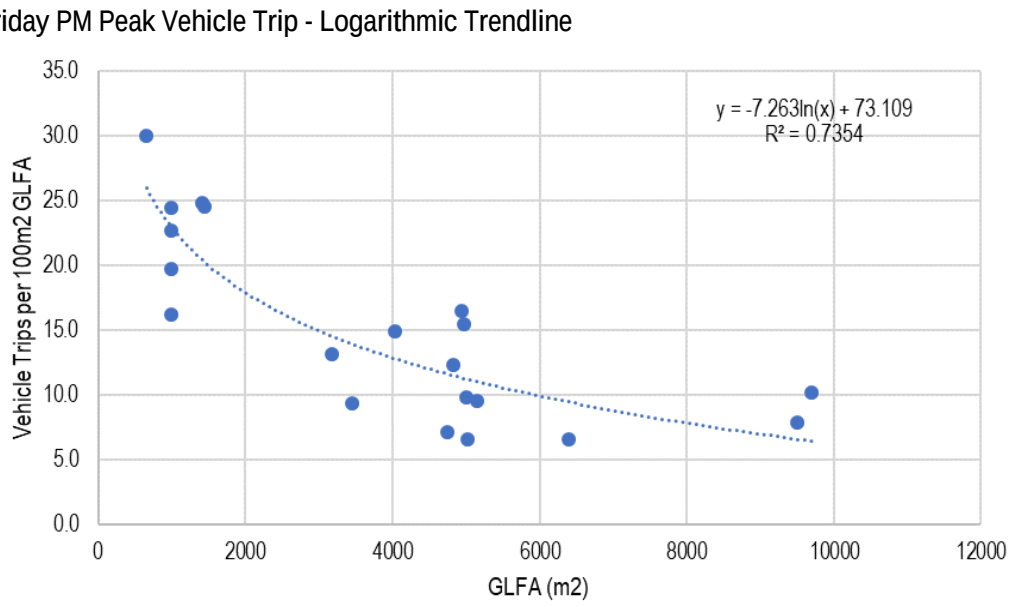


Figure 7.9: Friday Vehicle Trips per 100m square GLFA vs GLFA

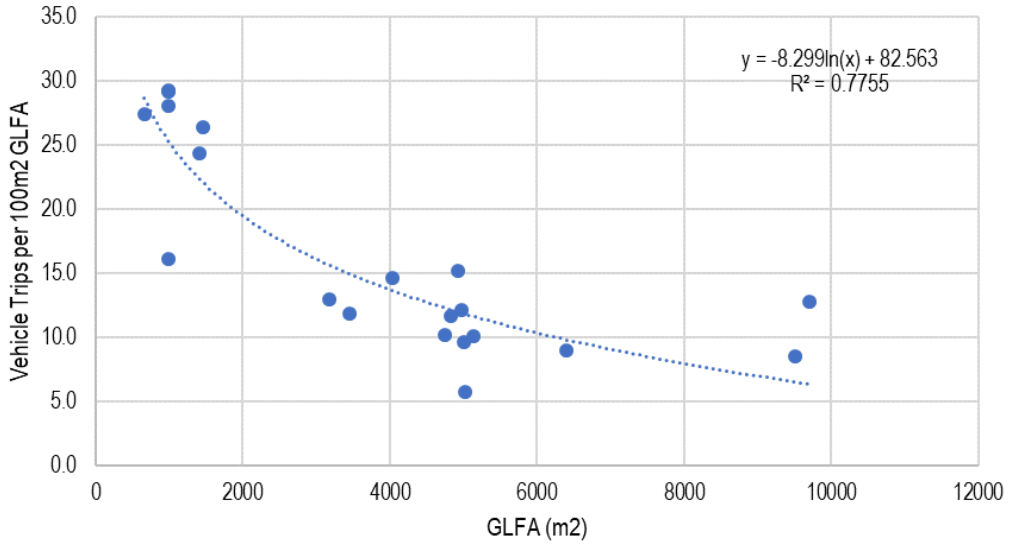


Figure 7.10: Saturday Vehicle Trips per 100m square GLFA vs GLFA

As site GLFA increases, site trip generation rates (per 100m square GLFA) reduces a logarithmic profile. This profile is consistent with historical trip generation rates at shopping centres of all sizes (refer Figure 5.2).

Whilst exponential models may more closely resemble the data, traffic generation rates in RMS publications are visually presented as linear rates, for ease of applications. To account for this the best performing logarithmic models have been split into three separate linear models within 'ranges' based upon site size. As outlined in Section 6, this conversion from logarithmic to linear models results in a conservative trip generation model. Exponential models with a R^2 greater than 0.75 have been deemed acceptable.

7.5.2 Exponential Regression – All Sites

Table 7.16 summarises the best performing peak period and daily exponential regression models. Scenarios have been selected based on the best performing models within the single variable and multiple linear regression.

Table 7.16: Exponential Regression Results Table – All Sites

Time	Scenario	Dependent Value (Y)	Independent Value (X)	R^2 Value	Valid Analysis
Wednesday/Thursday	1	AM Peak Period Vehicle Trips	GLFA (m square)	0.836	Yes
	2	AM Peak Period Vehicle Trips	Parking Spaces	0.686	No
	1	AM Peak Period Person Trips	GLFA (m square)	0.757	No
	1	PM Peak Period Person Trips	GLFA (m square)	0.76	No
	1	Daily Vehicle Trips	GLFA (m square)	0.751	No
	1	Daily Person Trips	GLFA (m square)	0.785	No
Friday	1	AM Peak Period Vehicle Trips	GLFA (m square)	0.822	Yes
	2	AM Peak Period Vehicle Trips	Parking Spaces	0.71	No
	1	AM Peak Period Person Trips	GLFA (m square)	0.782	No
	1	Daily Vehicle Trips	GLFA (m square)	0.784	No
	1	Daily Person Trips	GLFA (m square)	0.778	No
Saturday	1	Peak Vehicle Trips	GLFA (m square)	0.851	Yes
	2	Peak Vehicle Trips	Parking Spaces	0.5863	No
	1	Peak Person Trips	GLFA (m square)	0.755	No
	1	Daily Vehicle Trips	GLFA (m square)	0.784	No
	1	Daily Person Trips	GLFA (m square)	0.79	No

All exponential models are provided in Appendix D.

7.5.3 Exponential Regression Analysis Conclusions

Consistent with the results of the single and multiple linear regression analysis, exponential models presented the best models using "All Sites" data. The resulting R^2 values show that most peak periods and daily data sets are able to provide acceptable models.

Table 7.17 summarises the 'best case' models found using exponential regression analysis.

Table 7.17: Best models: Exponential Regression Analysis

Scenario	Range	R^2 Value	Equation
Vehicle Trips			
Wednesday/Thursday AM Peak Period Vehicle Trips – Scenario 1	All Sites	0.836	$157.52e^{0.0002*GLFA}$
Wednesday/Thursday Daily Vehicle Trips – Scenario 1	All Sites	0.751	$1655.6\ e^{0.0002*GLFA}$
Friday AM Peak Period Vehicle Trips – Scenario 1	All Sites	0.822	$160.85\ e^{0.0002*GLFA}$
Friday Daily Vehicle Trips – Scenario 1	All Sites	0.784	$1519.4\ e^{0.0002*GLFA}$
Saturday Daily Peak Period Vehicle Trips – Scenario 1	All Sites	0.806	$232.05\ e^{0.0002*GLFA}$
Saturday Daily Vehicle Trips – Scenario 1	All Sites	0.784	$1550.7\ e^{0.0002*GLFA}$
Person Trips			
Wednesday/Thursday AM Peak Period Person Trips – Scenario 1	All Sites	0.757	$205.19e^{0.0002*GLFA}$
Wednesday/Thursday PM Peak Period Person Trips – Scenario 1	All Sites	0.76	$300.72\ e^{0.0002*GLFA}$
Wednesday/Thursday Daily Person Trips – Scenario 1	All Sites	0.785	$2317.7\ e^{0.0002*GLFA}$
Friday AM Peak Period Person Trips – Scenario 1	All Sites	0.782	$207.61\ e^{0.0002*GLFA}$
Friday Daily Person Trips – Scenario 1	All Sites	0.778	$2055.1\ e^{0.0002*GLFA}$
Saturday Daily Peak Person Trips – Scenario 1	All Sites	0.755	$350.56\ e^{0.0002*GLFA}$
Saturday Daily Person Trips – Scenario 1	All Sites	0.79	$2332.5\ e^{0.0002*GLFA}$

Scenario 1 models trips generated based on GLFA

7.6 ADDITIONAL DATA ANALYSIS

Additional analysis was conducted on the survey data to investigate service vehicle trip generation, linked trips, customer duration of stay, parking accumulation and transport mode utilisation.

7.6.1 Service Vehicle Trip Trends

The relationships between daily service vehicle, customer/staff vehicle trip rates (trips per 100m square GLFA) for Wednesday/Thursday, Friday, Saturday and Sunday are presented in Figure 7.11, Figure 7.12, Figure 7.13 and Figure 7.14.

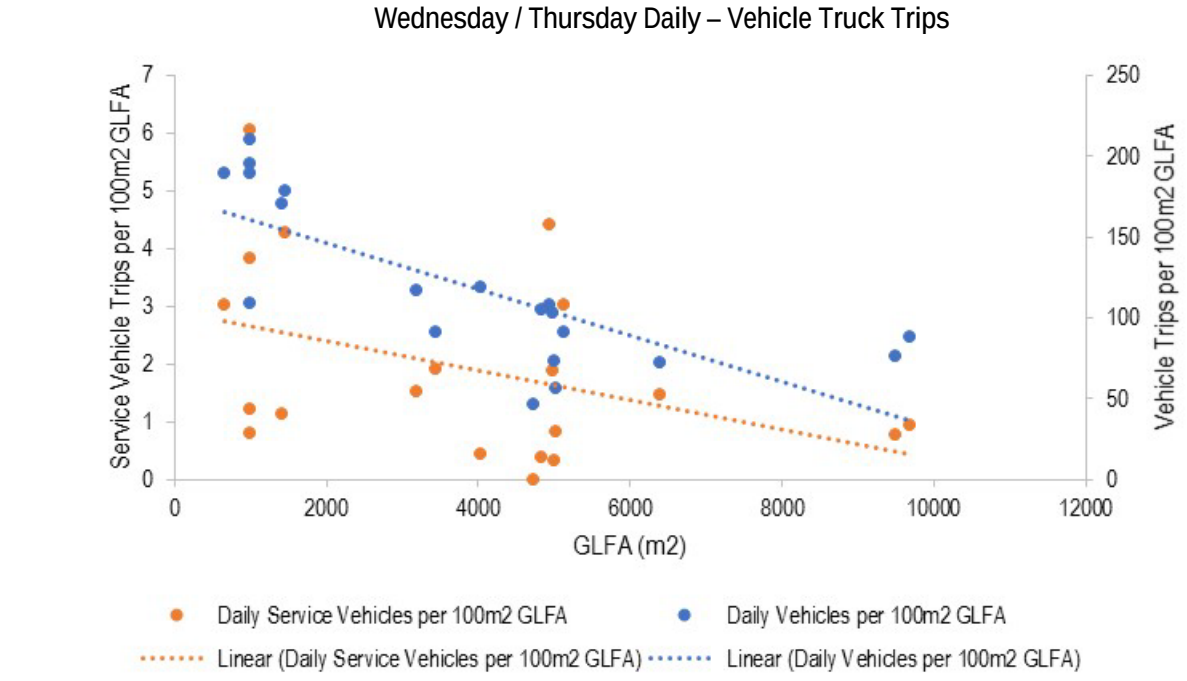


Figure 7.11: Service Vehicle Trip Comparisons – Wednesday/Thursday

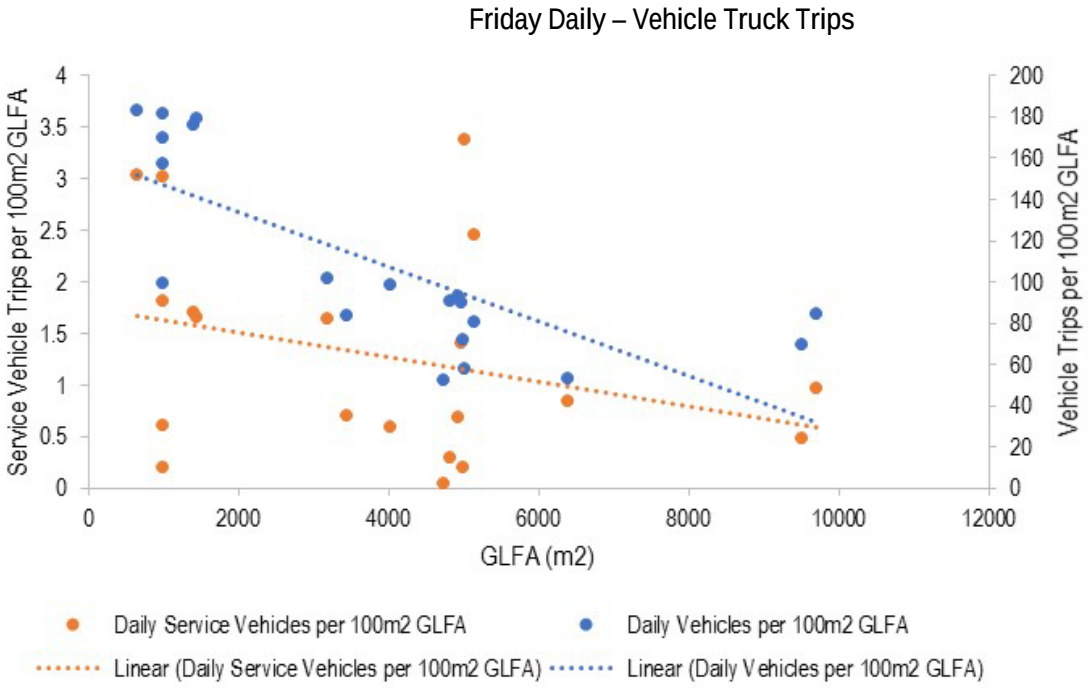


Figure 7.12: Service Vehicle Trip Comparisons – Friday

Saturday Daily – Vehicle Truck Trips

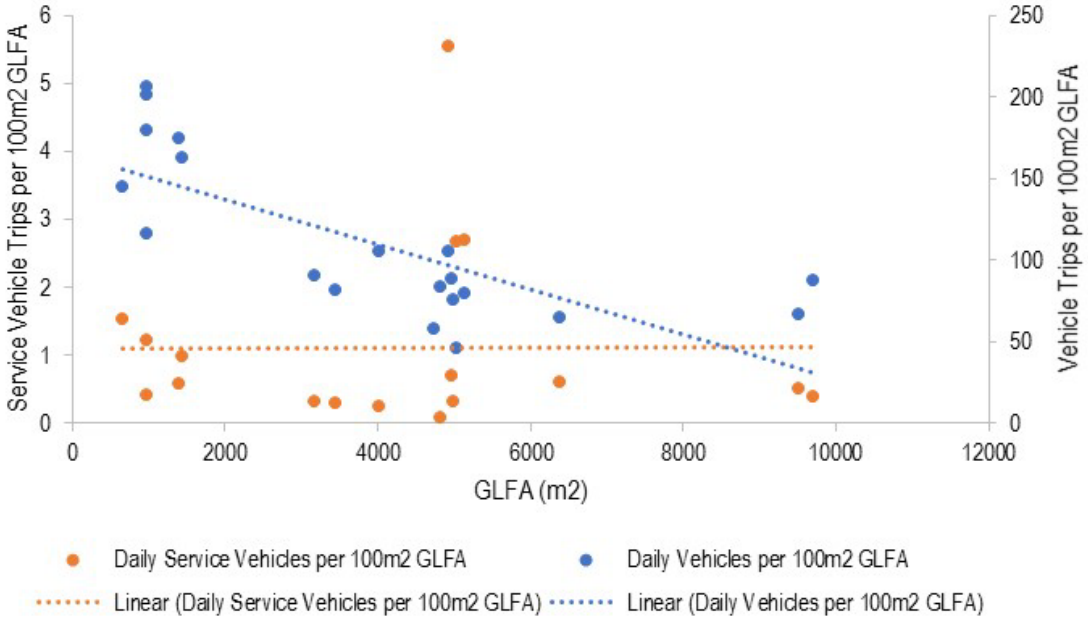


Figure 7.13: Service Vehicle Trip Comparisons – Saturday

Sunday Daily – Vehicle Truck Trips

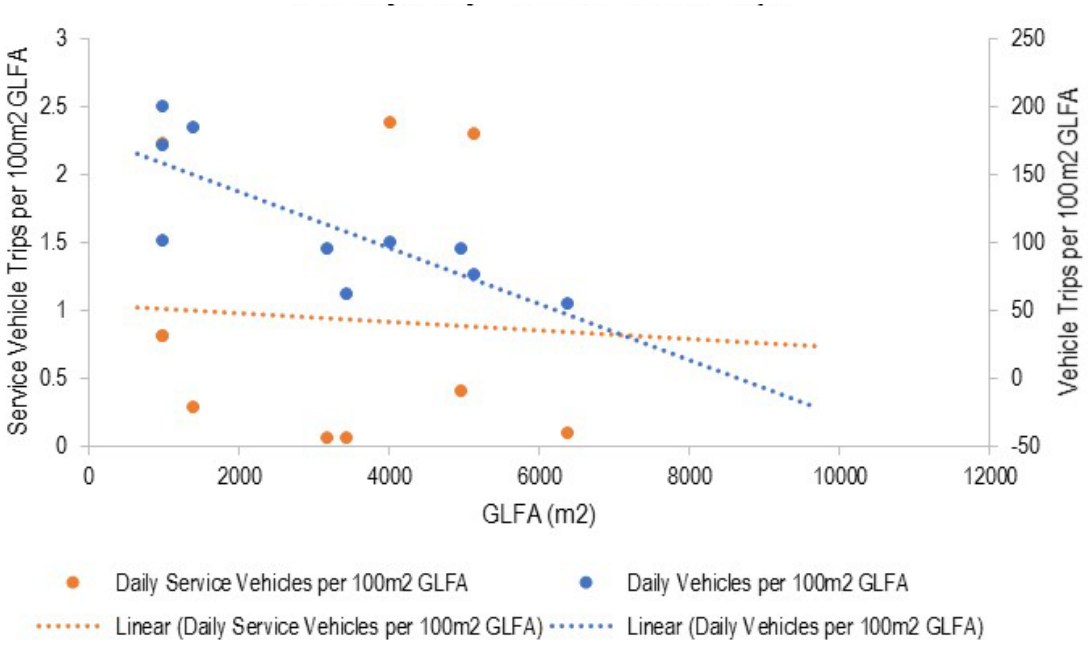


Figure 7.14: Service Vehicle Trip Comparisons – Sunday

Trip rates for service vehicles have a consistent profile on both Wednesday / Thursday and Friday, with decreasing trip rates as GLFA increases.

Service vehicle trip rate are different on a Saturday and Sunday, showing that service vehicle trips at smaller sites decrease significantly over the weekend. This may indicate a trend of fewer delivery trips on weekends for the 'major tenant'.

7.6.2 Parking Accumulation Analysis

On-site parking occupancy at all 20 survey sites was manually counted at the beginning of each survey day (at approximately 8:30am. Vehicle arrival and departure data was then used to determine the car park occupancy throughout the day. This occupancy does not take into account any visitors parking on-street or nearby and walking into the site.

The average daily parking occupancy for sites smaller than 2,000m square GLFA and sites between 2,000m square GLFA and 10,000m square GLFA is shown in Figure 7.15 and Figure 7.16 for Wednesday / Thursday, Friday, Saturday and Sunday.

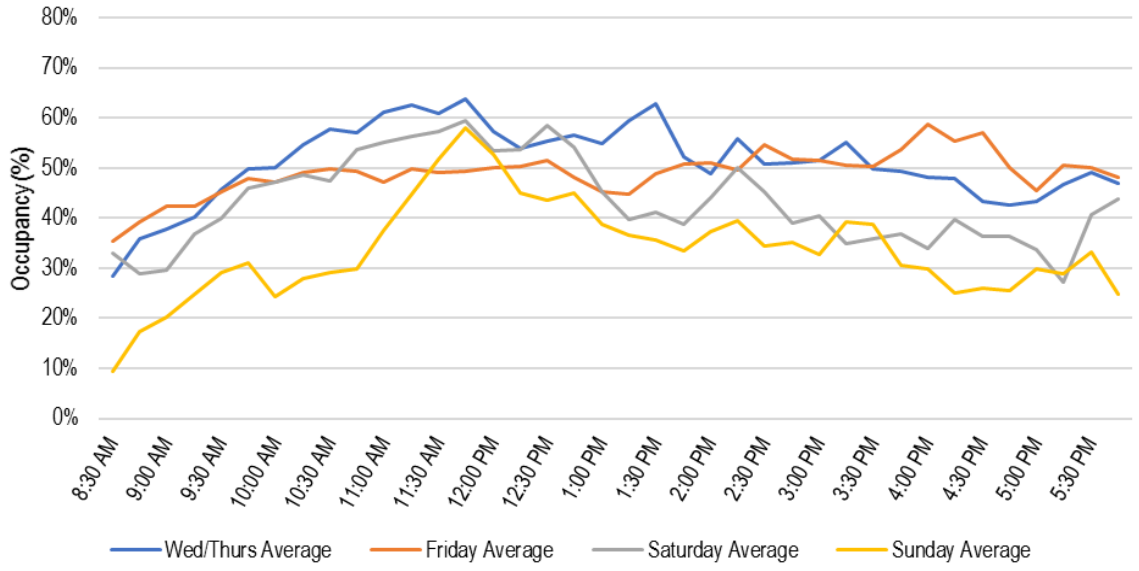


Figure 7.15: Average Parking Occupancy (%) – Sites <2,000m square GLFA

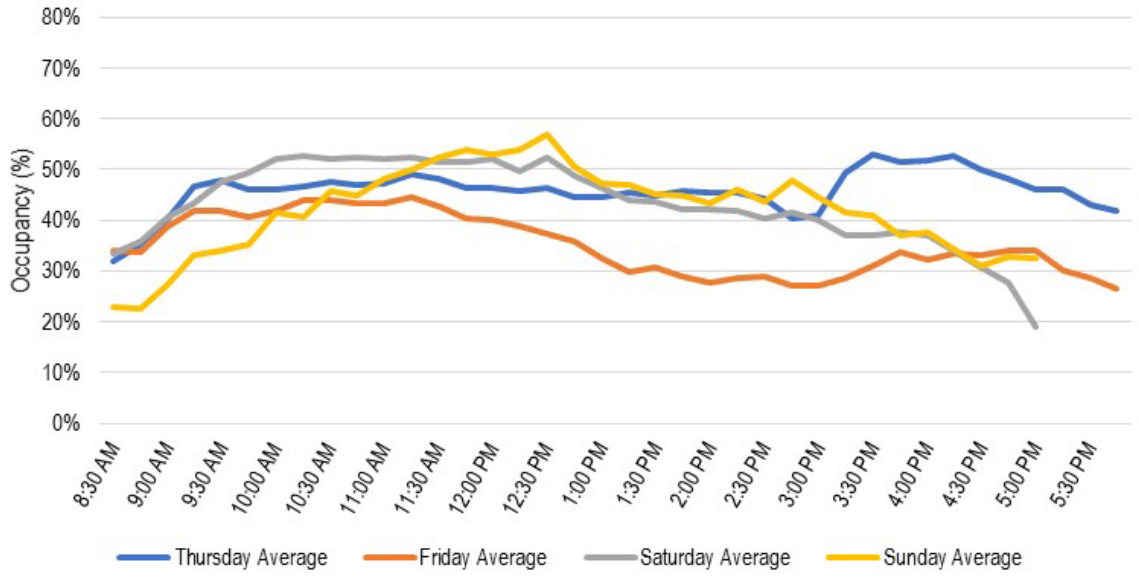


Figure 7.16: Average Parking Occupancy (%) – Sites >2,000m square GLFA

The Wednesday / Thursday and Friday averages show similar results for sites smaller than 2,000m square GLFA and are consistent across the day. Saturday and Sunday show a peak parking demand during the middle of the day.

For sites between 2,000m square and 10,000m square GLFA, the average parking occupancy is consistent across all surveyed days.

7.6.3 Directional Split Data (IN/OUT Trip Generation)

Table 7.18 summarises the average maximum, minimum and variance of inbound and outbound trips for sites less than 2,000m square and for sites 2,000m square and 10,000m square GLFA. It should be noted that a number of survey sites included errors in tube count data impacting trip movement calculations. This is common in low speed, driveway counts with the potential for turning movements across the tube count location. Impacted sites and times have been excluded from the averages.

Table 7.18: Average Inbound Trip Percentages and Daily Variance

Site	Wednesday/ Thursday			Friday			Saturday			Sunday		
	Max	*Min*	*Var*	*Max*	*Min*	*Var*	*Max*	*Min*	*Var*	*Max*	*Min*	*Var*
Sites Less than 2,000m square GLFA	55%	46%	±9%	54%	48%	±6%	54%	47%	±7%	58%	48%	±10%
Sites between 2,000m square to 10,000m square GLFA	54%	45%	±9%	52%	46%	±6%	53%	46%	±7%	52%	42%	±10%

The IN/OUT trip splits for all sites show some variability across all survey days however remains consistent with expected trends of vehicle entering and leaving the site within a 1-hour time frame (i.e. a 50/50 split). No significant peak period trends are apparent other than Friday at approximately 5pm, where inbound traffic shows a peak increase over outbound. Sunday splits show a dissimilar profile to other days. This is likely due to the limited number of surveys completed on a Sunday and some data anomalies.

Additional detail and data comparisons are available within the *Data Report*.

7.6.4 Mode Share Comparisons

Each site was surveyed in order to estimate daily modal share for site access. The following definitions were used:

- Private Vehicle (Car Driver or Passenger including taxi);
- Pedestrian;
- Cyclist; and
- Public transport (bus, train, etc).

Mode shares by site for Wednesday/Thursday, Friday, Saturday and Sunday are shown in Figure 7.17, Figure 7.18, Figure 7.19 and Figure 7.20 respectively.

The average access modal shares from the data are as follows:

- Wednesday/Thursday (Private vehicle = 89.2%, Pedestrian = 9.4%, Cyclist = 0.5%, Public Transport = 0.9%);
- Friday (Private vehicle = 89.4%, Pedestrian = 9.9%, Cyclist = 0.3%, Public Transport = 0.4%);
- Saturday (Private vehicle = 91.9%, Pedestrian = 7.1%, Cyclist = 0.3%, Public Transport = 0.7%); and
- Sunday (Private vehicle = 95%, Pedestrian = 4.1%, Cyclist = 0.2%, Public Transport = 0.7%)

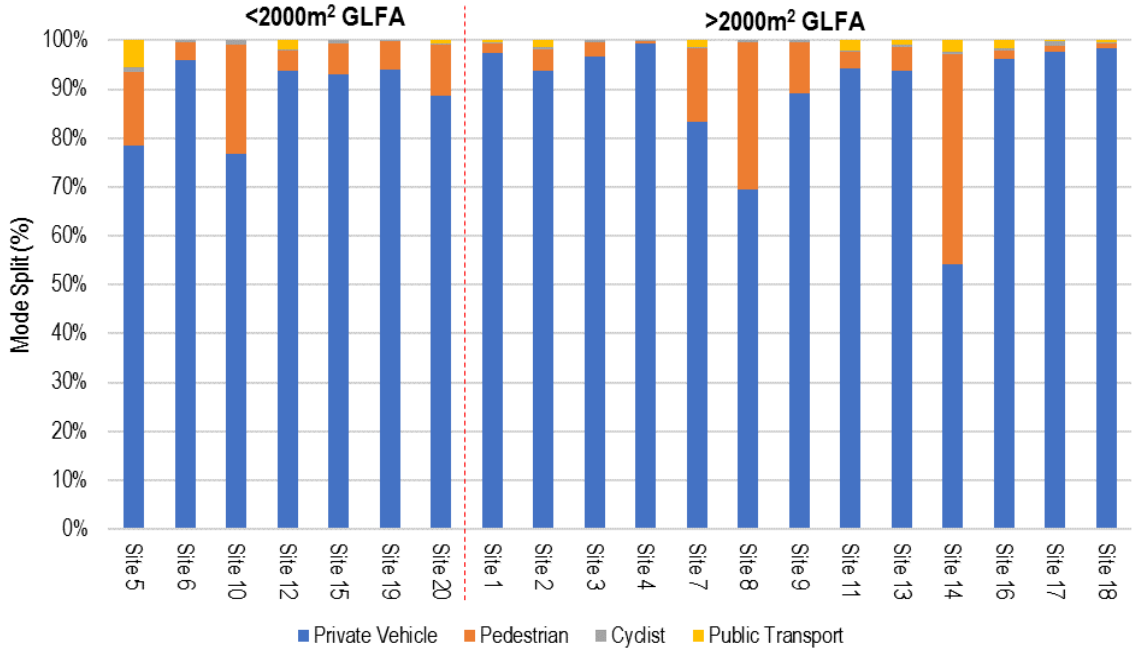


Figure 7.17: Wednesday/Thursday Mode Share

The access modal share for survey sites less than 2,000m square GLFA on a Wednesday/Thursday typically show a higher percentage of pedestrians and public transport users, with the exception of Sites 7 and 14.

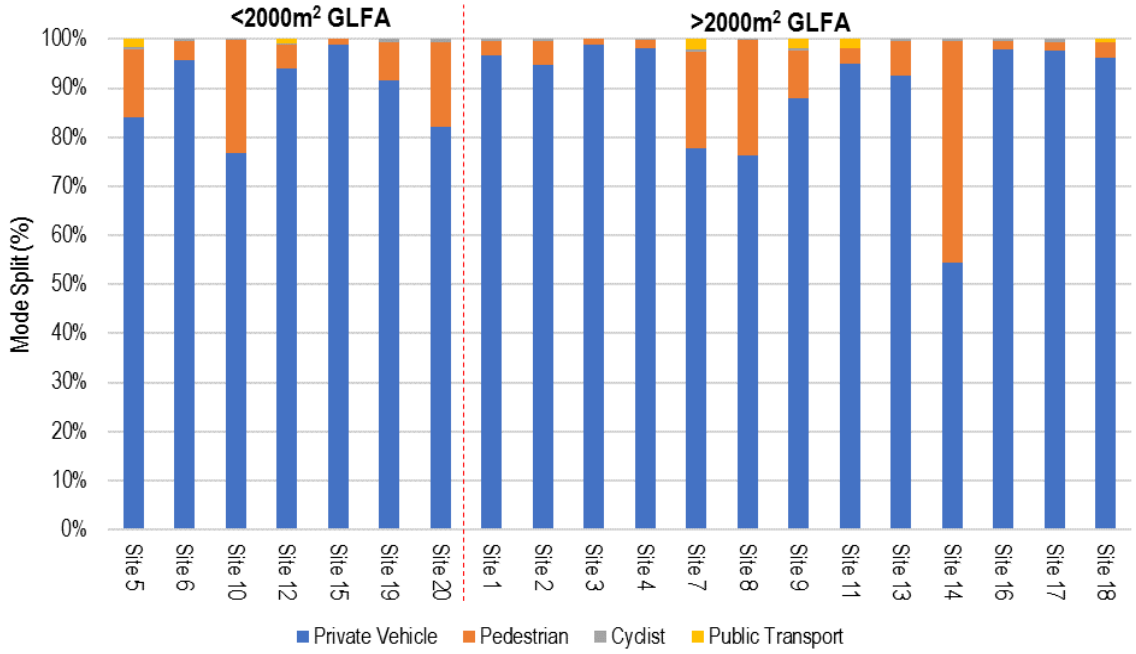


Figure 7.18: Friday Mode Share

The mode share for survey sites on a Friday are consistent with those on a Wednesday/Thursday with a slightly higher percentage of pedestrians.

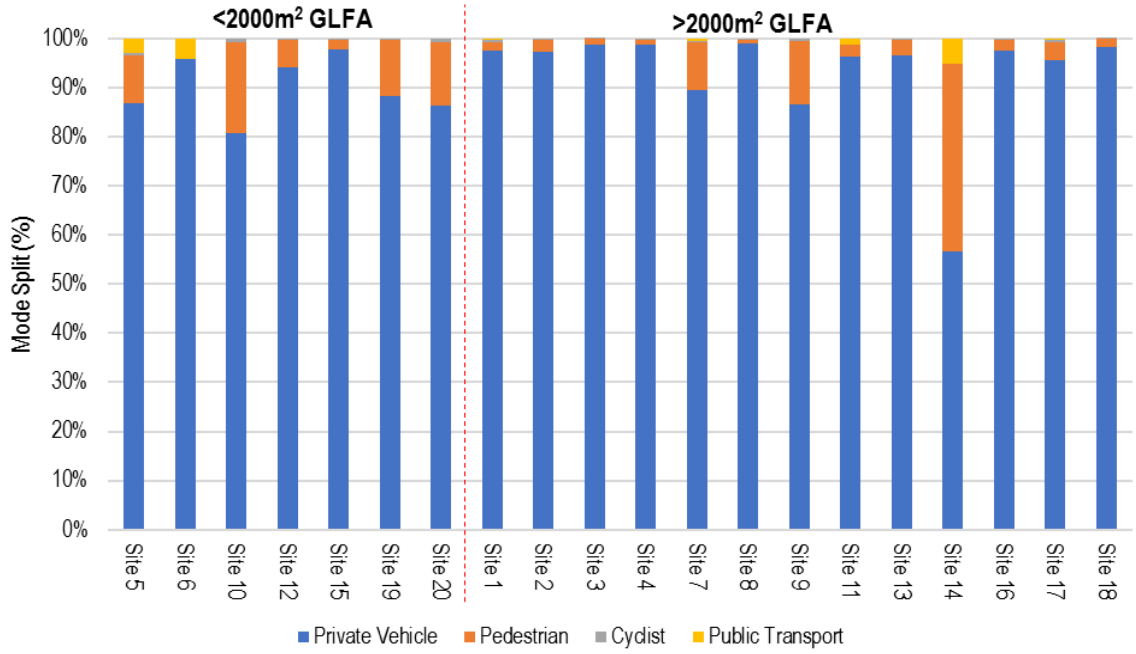


Figure 7.19: Saturday Mode Share

The modal share for Saturday survey sites shows the highest percentage of public transport users compared with weekday data with pedestrian numbers remaining consistent.

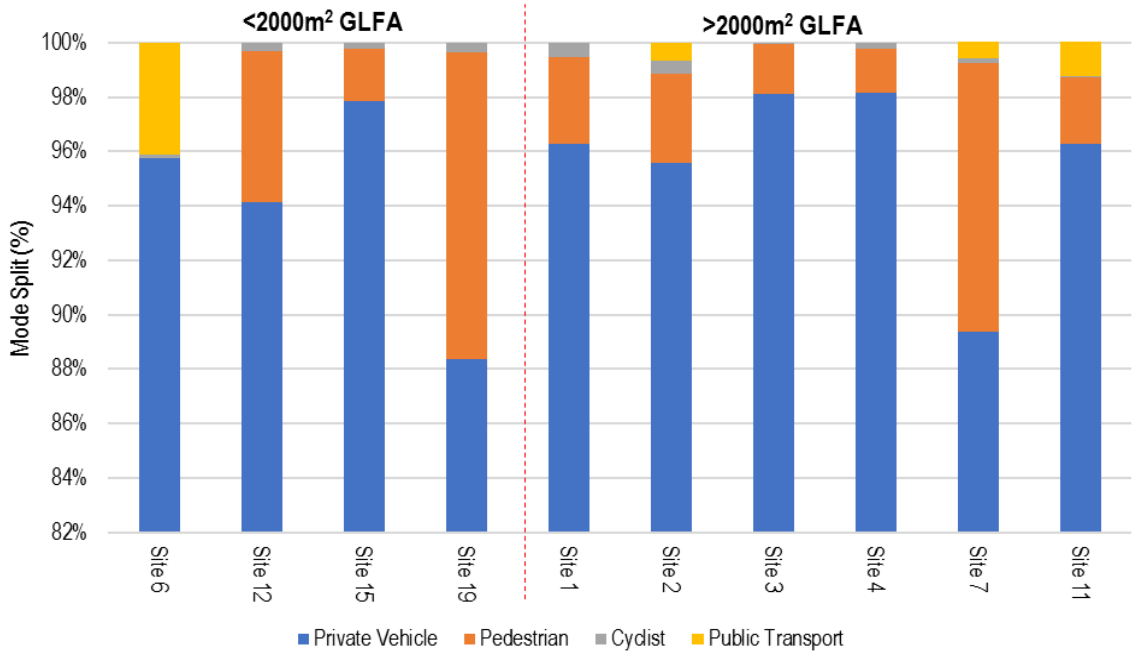


Figure 7.20: Sunday Mode Share

The Sunday results are similar to the Saturday results.

7.6.5 Linked Trip Analysis

A 'linked trip' is defined a journey where a customer was on the way to/from another destination as part of the trip to the shopping centre. The average percentage of 'linked trips' surveyed for each site for Wednesday/Thursday, Friday, Saturday and Sunday are shown in Figure 7.21, Figure 7.22, Figure 7.23 and Figure 7.24 respectively. Sites that did not have surveys performed have been removed from each graph.

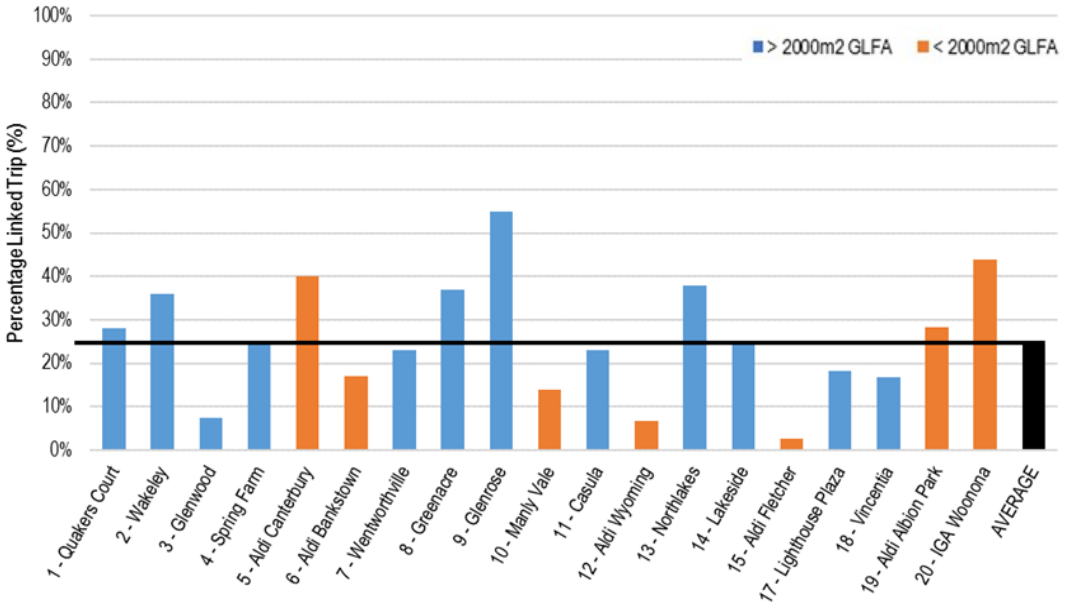


Figure 7.21: Wednesday/Thursday Daily Linked Trips – All Sites

The average percentage of linked trips on Wednesday / Thursday is 24.21%. For sites less than 2,000m square GLFA the linked trip average is 21.79% and for sites between 2,000m square – 10,000m square GLFA the linked trip average is 25.51%.

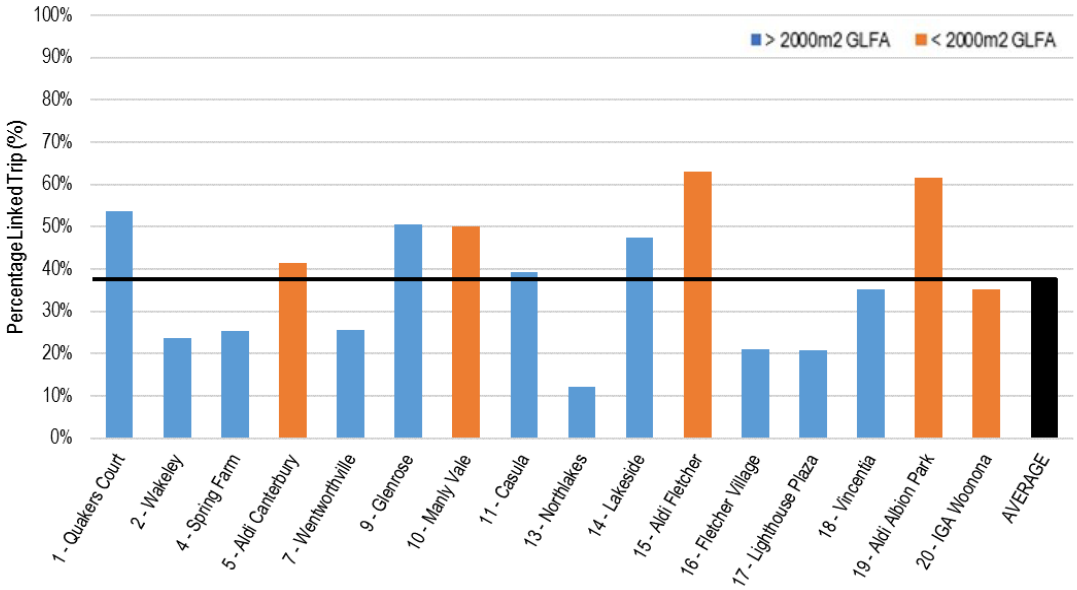


Figure 7.22: Friday Daily Linked Trips – All Sites

The average percentage of linked trips on Friday is 38%. For sites less than 2,000m square GLFA the linked trip average is 50% and for sites between 2,000m square – 10,000m square GLFA the linked trip average is 32%.

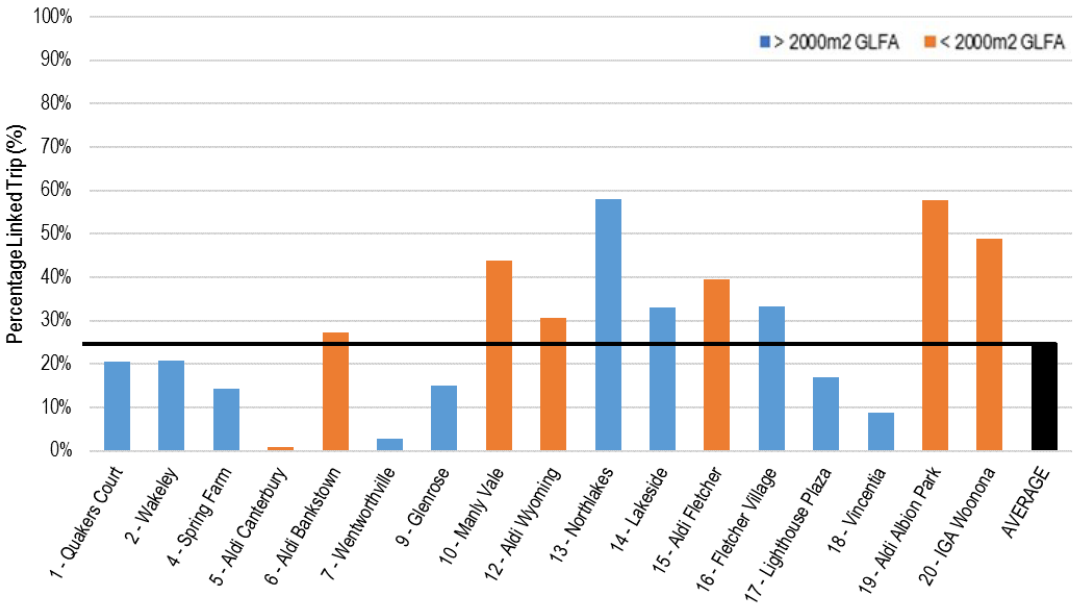


Figure 7.23: Saturday Daily Linked Trips – All Sites

The average percentage of linked trips on Saturday is 25%. For sites less than 2,000m square GLFA the linked trip average is 36% and for sites between 2,000m square and 10,000m square GLFA the linked trip average is 19%.

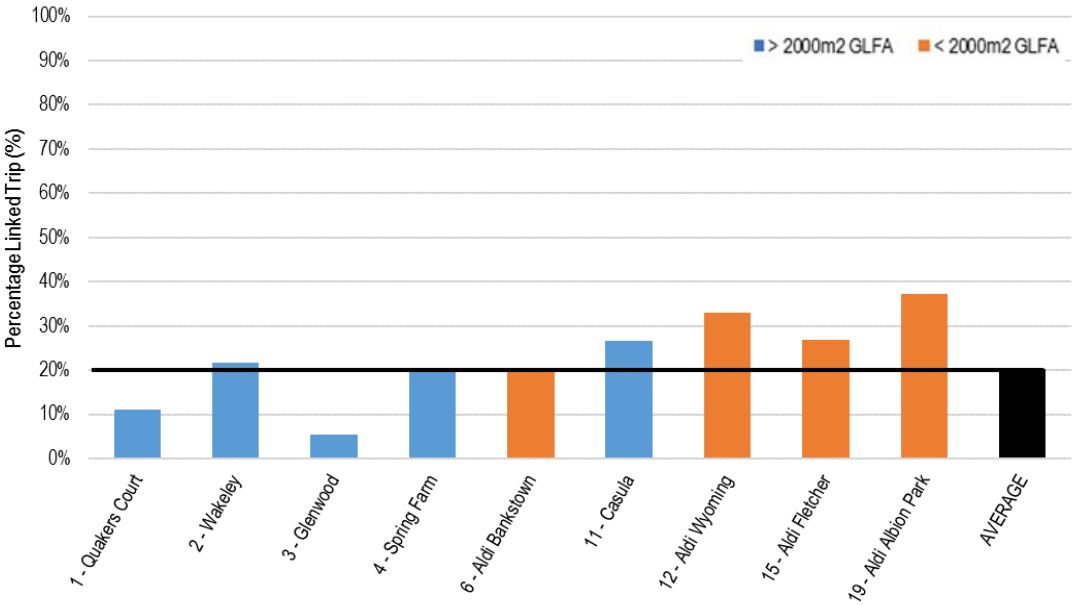


Figure 7.24: Sunday Daily Linked Trips – All Sites

The average percentage of linked trips on Sunday is 20%. For sites less than 2,000m square GLFA the linked trip average is 29% and for sites between 2,000m square and 10,000m square the linked trip average is 14%.

7.6.6 Customer Duration of Stay Analysis

The average customer duration of stay was surveyed as part of manual questionnaires at each site. The average duration of stay for each site was calculated and a summary of the number of sites that fall within each length of stay category is provided in Table 7.19.

Table 7.19: Average Customer Duration of Stay

Average Stay Duration	Number of Surveyed Sites			
	Wednesday/Thursday	Friday	Saturday	Sunday
0 - 10 minutes	6	3	6	1
10 - 30 minutes	14	12	13	8
30 - 60 minutes	1	2	1	1

Customers were most likely to stay at a surveyed site for 10-30 minutes, with a significant number of sites having an average length of stay of 0-10 minutes. Smaller centres (less than 2,000m square GLFA) showed a higher proportion of 0-10 minute stay trips than larger centres. Appendix A contains additional data from this analysis.

8. RESULTS INTERPRETATION

8.1 PROPOSED TRIP GENERATION MODELS

8.1.1 Summary of the Process Used

Comparison of both single variable and multiple linear regression models found that better models were achieved using single-variable linear regression. Multiple regression scenarios did provide better models for three (3) scenarios, however these models have a limited application range of GLFA for larger sites that include more than one (1) tenancy.

When site date was separated into sites smaller than 2,000m square GLFA and sites between 2,000m square and 10,000m square GLFA the analysis identified that the data for sites:

- less than 2,000m square GLFA did not generate any appropriate models; and
- data between 2,000m square and 10,000m square GLFA generated a limited number of appropriate models.

Trip generation rates for smaller sites shows a non-linear relationship with GLFA. Further investigation into shopping centres smaller than 2,000m square GLFA is recommended to better describe their traffic generation profiles which are quite different to those for sites between 2,000m square and 10,000m square.

Once acceptable single variable linear regression models were identified, the peak periods and daily periods where no acceptable linear models were then tested using exponential regression.

Considering the non-linear profile of trip generation rates with GLFA exponential regression analysis was undertaken to determine if appropriate models could be established using this method.

8.1.2 Best Performing Models

The best performing models (either single variable linear, multiple linear and exponential regression) are shown in Table 8.1, while the final recommended trip generation models are presented in Section 10 of this report.

Table 8.1: Best Performing Trip Generation Models

Day	Period	Model	R^2 Value	Limitations and Notes
Wednesday/ Thursday	AM Peak	Vehicle Trips = 0.06*GLFA + 102.44 Or Vehicle Trips = 0.076*Major Tenant + 0.075*Other Tenant Or Vehicle Trips = $157.52e^{0.0002*GLFA}$	0.870 0.894 0.836	Most appropriate for sites greater than 6,800m square GLFA. Simplified to exclude constant value. Valid for all shopping centres with more than one tenancy's (typically >2,000m square)
		Person Trips = $205.19\ e^{0.0002*GLFA}$	0.757	Appropriate for all sites Serviceable for all sites
	PM Peak	Person Trips = 0.108*GLFA + 105.01 Or Person Trips = 0.06*GLFA + 2.46 *Staff + 231.89 Or Person Trips = $300.72\ e^{0.0002*GLFA}$	0.806 0.805 0.76	Most appropriate for sites greater than 3,850m square GLFA. Most appropriate for sites greater than 8,500m square GLFA. Serviceable for all sites
	Daily	Vehicle Trips = 0.653*GLFA + 1058.5 Or Vehicle Trips = $1655.6\ e^{0.0002*GLFA}$	0.816 0.751	Most appropriate for sites greater than 6,450m square GLFA. Serviceable for all sites
		Person Trips = 1.033*GLFA + 1476.6 Or Person Trips = 0.806*GLFA + 11.38 *Staff + 1390.82 Or Person Trips = $2317.7\ e^{0.0002*GLFA}$	0.841 0.801 0.785	Most appropriate for sites greater than 5,700m square GLFA. Most appropriate for sites greater than 5,450m square GLFA. Serviceable for all sites
Friday	AM Peak	Vehicle Trips = 1.53*Parking Spaces + 62.15 Or Vehicle Trips = 0.067*Major Tenant + 0.116*Other Tenant Or Vehicle Trips = $160.85\ e^{0.0002*GLFA}$	0.841 0.884 0.822	Most appropriate for sites with more than 160 parking spaces. Simplified to exclude constant value. Valid for all scenarios. Appropriate for all sites
		Person Trips = 0.108*GLFA + 105 Or Person Trips = $207.61\ e^{0.0002*GLFA}$	0.809 0.782	Most appropriate for sites greater than 3,850m square GLFA. Serviceable for all sites
	PM Peak[1]	Vehicle Trips = 0.071*GLFA + 174.58 Or Vehicle Trips = $214.04\ e^{0.0002*GLFA}$	0.665 0.673	Most appropriate for sites greater than 9,700m square GLFA. Most appropriate for all sites
		Person Trips = 0.068*GLFA + 1.886*Staff + 256.576	0.719	Most appropriate for sites greater than 9,300m square GLFA.

Day	Period	Model	R^2 Value	Limitations and Notes
	Daily	Vehicle Trips = 0.597*GLFA + 1033.5 Or Vehicle Trips = 1519.4 $e^{0.0002*GLFA}$	0.832 0.784	Most appropriate for sites greater than 6,900m square GLFA. Serviceable for all sites
		Person Trips = 0.91*GLFA + 1298.5 Or Person Trips = 2055.1 $e^{0.0002*GLFA}$	0.809 0.778	Most appropriate for sites greater than 5,700m square GLFA. Serviceable for all sites
Saturday	Peak	Vehicle Trips = 0.084*GLFA + 169.51 Or Vehicle Trips = 232.05 $e^{0.0002*GLFA}$	0.829 0.806	Most appropriate for sites greater than 8,100m square GLFA. Appropriate for all sites
		Person Trips = 0.137*GLFA + 249.35 Or Person Trips = 2.514*Parking Spaces + 342.11 Or Person Trips = 350.56 $e^{0.0002*GLFA}$	0.827 0.812 0.755	Most appropriate for sites greater than 7,200m square GLFA. Most appropriate for sites greater than 3,000m square GLFA and more than 330 parking spaces. Serviceable for all sites
	Daily	Vehicle Trips = 0.604*GLFA + 1046.2 Or Vehicle Trips = 1550.7 $e^{0.0002*GLFA}$	0.815 0.784	Most appropriate for sites greater than 6,400m square GLFA. Serviceable for all sites
		Person Trips = 1.258*GLFA Or Person Trips = 1.229*Major Tenant + 1.308*Other Tenant Or Person Trips = 2332.5 $e^{0.0002*GLFA}$	0.862 0.884 0.79	Simplified to exclude constant value. Valid for sites greater than 3,000m square GLFA. Simplified to exclude constant value. Valid for sites greater than 3,000m square GLFA. Serviceable for all sites
Sunday	Peak	No appropriate model found. Saturday formula's recommended for use considering raw trip data comparisons (see the *Data Report*).		
	Daily			

1. *Best case Friday PM peak scenario shown for testing.*

Friday PM peak period trip generation was the most problematic to establish a model for. While the best case model was selected for further development, it is not recommended for use. The lack of a representative model in the data is most likely due to the variability in Friday afternoon trips across all sites. Additional data from future surveys may be used to address this issue.

8.2 Conversion of Exponential Models to Linear Models

While initial survey data analysis established two sub-classes of 0 - 2,000m square and 2,000 – 10,000m square GLFA, further detailed regression analysis found that it was more appropriate to apply three (3) sub-classes based on GLFA size ranges of:

- 0 – 1000m square GLFA;
- 1,000m square – 6,000m square GLFA; and
- 6,000m square – 10,000m square GLFA.

Converting the exponential models shown in Table 8.1 into three separate linear equations provides a more practical format for trip generation calculations. The models were converted by establishing the boundaries of each data range using the exponential models and creating a linear equation through each pair of boundary points.

Figure 8.1 provides an example of the model conversion calculations. This process was completed for each selected 'best case' exponential model as reported in Appendix E.

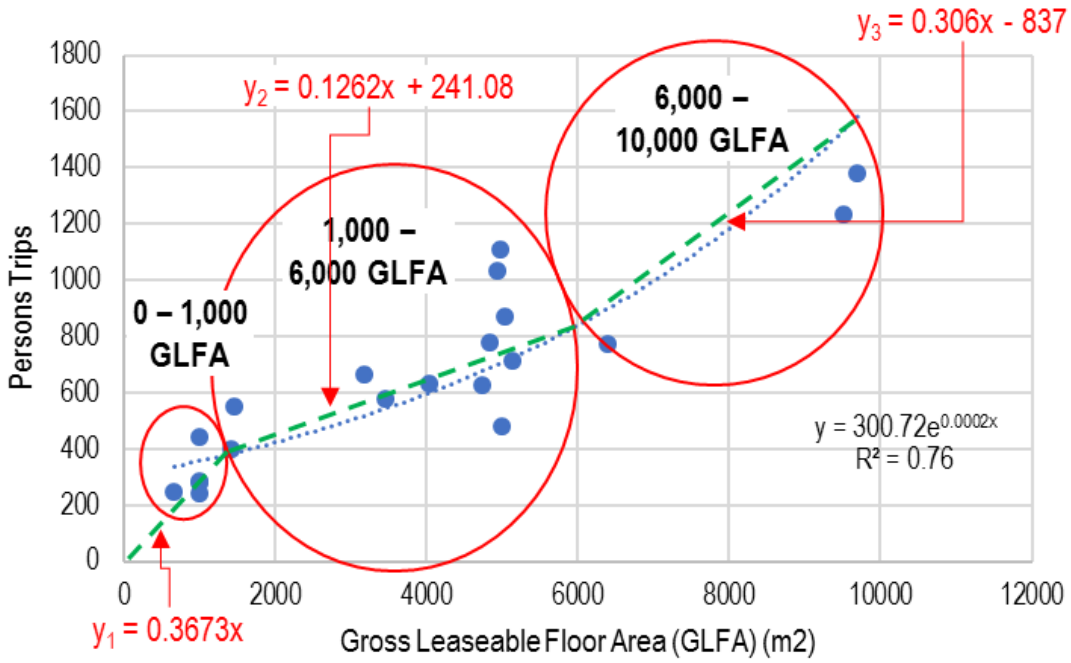


Figure 8.1: Example of Exponential Model Conversion to 3 Linear Models

Table 8.2 summarises the linear equations generated for each best performing exponential regression model.

Table 8.2: Selected Exponential Models Convert to Linear Models (by range)

Day	Period	Exponential Equation	Linear Conversion by Range		
			0 – 1,000m square GLFA	1,000 m square – 6,000m square GLFA	6,000m square – 10,000m square GLFA
Vehicle Trips					
Wednesday/ Thursday	AM Peak	$157.52e^{0.0002*(GLFA)}$	0.192*GLFA	0.066*GLFA + 126	0.16*GLFA - 438
	PM Peak	$212.34e^{0.0002*(GLFA)}$	0.259*GLFA	0.089*GLFA + 170	0.216*GLFA - 591
	Daily	$1655.6e^{0.0002*(GLFA)}$	2.022*GLFA	0.695*GLFA + 1327	1.684*GLFA – 4608
Friday	AM Peak	$160.85e^{0.0002*(GLFA)}$	0.196*GLFA	0.068*GLFA + 129	0.164*GLFA – 448
	PM Peak	$214.04e^{0.0002*(GLFA)}$	0.261*GLFA	0.09*GLFA + 172	0.218*GLFA – 596
	Daily	$1519.4e^{0.0002*(GLFA)}$	1.856*GLFA	0.638*GLFA + 1218	1.546*GLFA – 4229
Saturday	Peak	$232.05e^{0.0002*(GLFA)}$	0.283*GLFA	0.097*GLFA + 186	0.236*GLFA – 646
	Daily	$1550.7e^{0.0002*(GLFA)}$	1.894*GLFA	0.651*GLFA + 1243	1.577*GLFA – 4316
Person Trips					
Wednesday/ Thursday	AM Peak	$205.19e^{0.0002*(GLFA)}$	0.251*GLFA	0.086*GLFA + 164	0.209*GLFA - 571.104
	PM Peak	$300.72e^{0.0002*(GLFA)}$	0.367*GLFA	0.126*GLFA + 241	0.306*GLFA - 836.992
	Daily	$2317.7e^{0.0002*(GLFA)}$	2.831*GLFA	0.973*GLFA + 1858	2.358*GLFA - 6450.836
Friday	AM Peak	$207.61e^{0.0002*(GLFA)}$	0.254*GLFA	0.087*GLFA + 166	0.211*GLFA - 577.839
	PM Peak	$313.96e^{0.0002*(GLFA)}$	0.383*GLFA	0.132*GLFA + 252	0.319*GLFA - 873.842
	Daily	$2055.1e^{0.0002*(GLFA)}$	2.51*GLFA	0.863*GLFA + 1647	2.091*GLFA - 5719.943
Saturday	Peak	$350.56e^{0.0002*(GLFA)}$	0.428*GLFA	0.147*GLFA + 281	0.357*GLFA - 975.711
	Daily	$2332.5e^{0.0002*(GLFA)}$	2.849*GLFA	0.979*GLFA + 1870	2.373*GLFA - 6492.028

8.3 FINAL MODEL TESTING RESULTS

The surveyed sites data was substituted into the relevant recommended final model to obtain the estimated modelled vehicle trips for each. The modelled results were then compared to the raw surveyed vehicle trips for the AM, PM and Weekend peak periods as well as the Daily vehicle trips, as shown in Figure 8.2 and Figure 8.3 respectively, to gauge the accuracy of the models prediction. The solid trendline signifies a perfect relationship trend of 1:1 between the modelled and surveyed data. The dotted trendline demonstrates the relationship trend between the modelled and survey data.

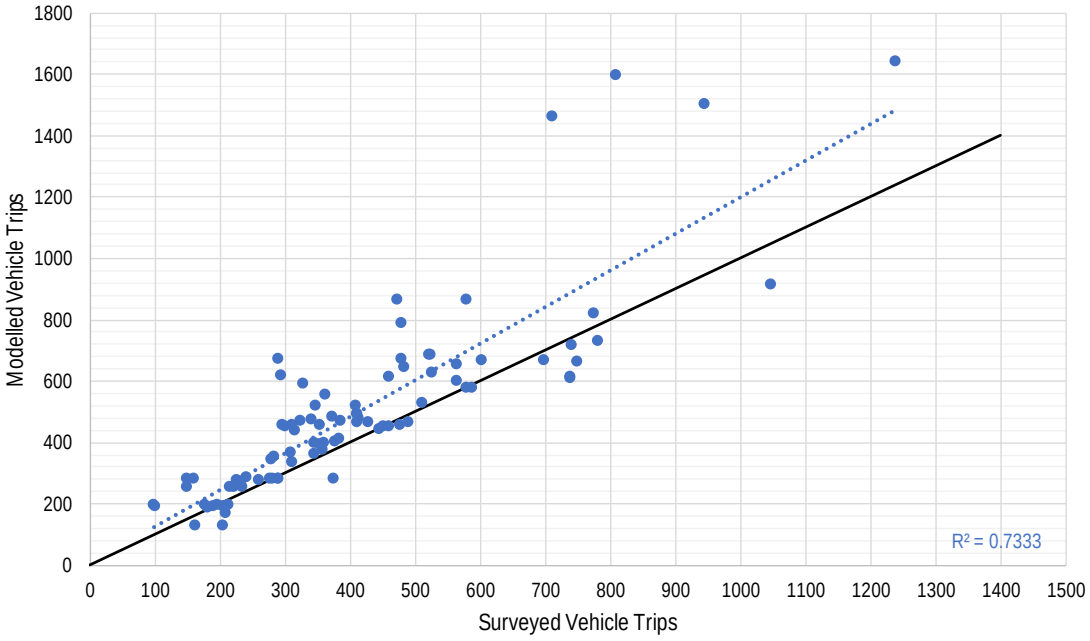


Figure 8.2: Model Testing Peak Hour Vehicle Trip Generation

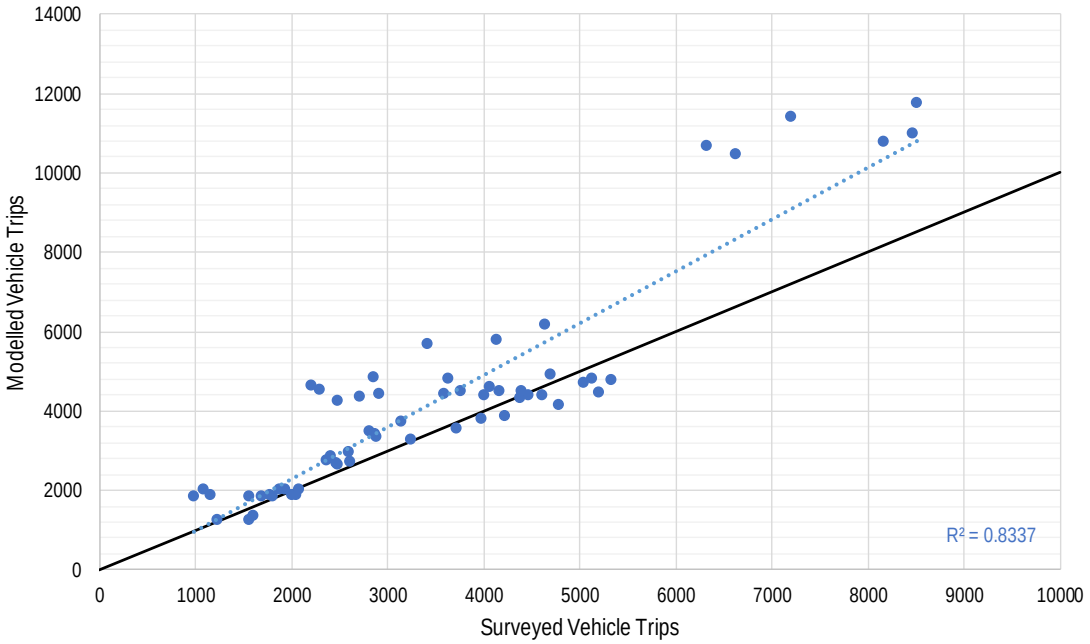


Figure 8.3: Model Testing Daily Vehicle Trip Generation

There is an overestimation of the modelled vehicle trips from the surveyed results. This is especially apparent in the larger shopping centres, with the modelled trips being significantly higher than the surveyed trips. This is expected due to the conservative conversion of the exponential regression analyses into the linear equations and is considered appropriate for use.

9. CONCLUSIONS

The conclusions drawn from the analysis of small suburban shopping centre trip generation data are presented below.

All Sites

Preliminary data analysis shows that shopping centre size affected traffic generation with a clear division identified for sites smaller than 2,000m square and sites between 2,000m square and 10,000m square. Sites were subsequently categorised into two size categories for further analysis, as follows:

- Smaller than 2,000m square GLFA. These sites have similar attributes and are typically stand-alone/single major tenant centres with a small occupied site area. It is noted that five of these seven 'smaller' sites are ALDI supermarkets; and
- Between 2,000m square and 10,000m square GLFA. Typically made up of a single major tenant and a number of other minor tenants.

Each category was analysed to determine single variable and multiple variable linear relationships.

When comparing all development sites, the single variable linear regression showed more representative models than the multiple linear regression models. The best independent variable for correlation for all of the linear models were the centres 'Gross Leasable Floor Area' (GLFA) 'Parking Spaces' as well as and the 'Major Tenant/Other Tenant' GLFA for multiple linear regression models. Due to a high correlation between GLFA and Parking Spaces, Parking Spaces was removed from consideration where GLFA was used.

Representative linear trip generation models were found for the:

- Weekday AM peak period;
- Weekday (daily trips);
- Weekend peak period; and
- Weekend (daily trips).

A representative model could not be established for the Friday PM peak period data set.

It is important to apply caution in the application of trip generation rates that are founded on parking spaces as the key variable, as the collected data and the subsequent formulae are only based on those vehicular trips which enter/exit the site.

The multiple linear regression analysis showed that only two combinations of available variables improved R^2 results compared to the single variable linear regression model. To avoid overcomplicating the application of trip generation rates single variable linear regression models are preferred for use.

The majority of single variable linear models revealed models where the constant values within the model equation were significant thereby reducing the sensitivity of the models to changes in the independent variable (typically the GLFA). To address this, exponential regression analysis was also undertaken. Exponential models were established for all peak periods and daily periods, with the exception of the Friday PM peak where a site-specific comparison method is recommended pending further survey data availability.

Each exponential model equation was then converted into three linear equations within size ranges 0-1,000m square, 1,000m square - 8,000m square, and 8,000m square - 10,000m square GLFA. This conversion provided equations which can be easily applied for trip generation purposes. It is recommended however that additional surveys are undertaken for single tenant sites smaller than 2,000m square to provide a more comprehensive data set for centres which appear to have different rip generating characteristics compared to sites between 2,000m square and 10,000m square GLFA.

Sites between 2,000m square and 10,000m square GLFA

Sites between 2,000m square – 10,000m square GLFA (>2,000m square GLFA) revealed reasonable models with single variable linear regression analysis. The best correlation for all single variable linear models was with using the centre's GLFA or number of Parking Spaces.

Reasonable linear models were found for:

- AM peak period;
- weekday (daily trips);
- weekend peak period; and
- weekend (daily trips).

The PM peak period data showed no statistically significant relationships for the development of a model.

Linear regression models for sites between 2,000m square and 10,000m square GLFA showed only two combinations of available variables which significantly improved the R^2 results over the All Sites regression models. This was found for both the weekend peak and weekend daily person trip generation models (with their application range restricted to sites larger greater than 3,000m square GLFA).

No multiple regression models were found to be suitable for the All Sites models.

Additional Analysis

A comparison of Saturday and Sunday data found that no significant difference could be found in trip generation. Saturday models are considered appropriate for use across both Weekend days.

A comparison of Wednesday and Thursday data was undertaken to determine if ALDI sites (which typically have a 'specials' day on a Wednesday) differed in trip generation from other similarly sized sites. No significant difference could be found and as such Wednesday/Thursday models and considered applicable for both days.

An initial analysis of service vehicle trips found that on weekdays the number of service vehicles entering/exiting the surveyed sites is proportional to the vehicle trip generation of each site which is correlated with the centre's GLFA. On the weekend, the proportion of service vehicles visiting survey sites decreased significantly for smaller sites while larger sites were consistent with weekday volumes.

On average, the highest percentage of linked trips for all sites surveyed occurs on a Friday (approximately 30%) with Wednesday/Thursday, Saturday and Sunday survey results showing similar proportions of linked trips (approximately 24%). Additionally, the average duration of stay across all centres was surveyed as 10-30 minutes with smaller centres (less than 2,000m square GLFA) showing a higher proportion of 0-10 minute stay trips than larger centres did.

Parking occupancy at shopping centres shows a reasonably consistent demand across each day with peak periods occurring outside of road frontage peak times through the middle of the day on weekends and during late morning or early afternoon on weekdays. It was noted that the AM peak period approached midday for sites with less than 2,000m square GLFA.

10. RECOMMENDATIONS

Recommended trip generation rates derived from the analysis of survey data are summarised in Table 10.1.

Table 10.1: Smaller Suburban Shopping Centres Trip Generation Recommendations

Day	Period	Recommended Models		
		0 – 1,000m square GLFA	1,000 – 6,000m square GLFA	6,000 – 10,000m square GLFA
Vehicle Trips				
Wednesday /Thursday	AM Peak	0.192*A	0.066*A + 126	0.076*MT + 0.075*OT
	PM Peak	0.259*A	0.089*A + 170	0.216*A – 591
	Daily	2.022*A	0.695*A + 1327	1.684*A – 4608
Friday	AM Peak	0.196*A	0.068*A + 129	0.067*MT + 0.116*OT
	PM Peak	'Site Specific Method'	'Site Specific Method'	'Site Specific Method'
	Daily	1.856*A	0.638*A + 1218	1.546*A – 4229
Weekend (Saturday or Sunday)	Peak	0.283*A	0.097*A + 186	0.236*A – 646
	Daily	1.894*A	0.651*A + 1243	1.577*A - 4316
Person Trips				
Wednesday /Thursday	AM Peak	0.251*A	0.086*A + 164	0.209*A - 571
	PM Peak	0.367*A	0.126*A + 241	0.108*A + 105
	Daily	2.831*A	0.973*A + 1858	1.033*A + 1477
Friday	AM Peak	0.254*A	0.087*A + 166	0.108*A + 105
	PM Peak	0.383*A	0.132*A + 252	0.319*A – 874
	Daily	2.51*A	0.863*A + 1647	0.91*A + 1299
Weekend (Saturday or Sunday)	Peak	0.428*A	0.147*A + 281	0.357*A – 976
	Daily	2.849*A	0.979*A + 1870	1.229*MT + 1.308*OT

A = GLFA

MT = Major Tenant's GLFA

OT = Other Tenants' Total GLFA

'Site Specific Method' = Select the most representative site(s) from the detailed data and use its trip generation rate(s).

APPENDIX A

DATA SUMMARY SHEET

P3497.001S - Site Data Summary Sheet

Site No.	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10
Centre Name	Quakers Court	Wakeley	Glenwood	Spring Farm	Aldi Canterbury	Aldi Bankstown	Wentworthville	Greenacre	Glenrose	Manly Vale
Area	Sydney	Sydney	Sydney	Sydney	Sydney	Sydney	Sydney	Sydney	Sydney	Sydney
Location	Cnr Falmouth & Quakers Roads, Marayong NSW 2148	Cnr Bulls Road & Lomond Street, Wakeley NSW 2176	1 Glenwood Park Drive, Glenwood NSW 2768	254 Richardson Road, Spring Farm NSW 2085	73 Jeffrey St, Canterbury NSW 2193	Milperra Rd & Henry Lawson Dr, Bankstown NSW 2200	326-336 Great Western Highway, Wentworthville NSW 2145	13-19 Boronia Road, Greenacre NSW 2190	17/56-58 Glen St, Belrose NSW 2085	12/14 Koorala St, Manly Vale NSW 2093
Dates of survey	5th-8th April	5th-8th April	5th-8th April	7th-10th June	23rd-27th May	23rd-27th May	24th-27th May	24th-27th May	7th-9th June	7th-9th June
Duration of surveys	4	4	4	4	4	4	4	3	3	3
Area Characteristics:										
Surrounding land use	Low density residential, with nearby schools	Low density residential, near school and showground	Low density residential, near public schools and community centre	Low density residential and commerical use	Low density residential, near train station and local resturantes	Near aviation museum and two artieral roads	Medium density residential and commercial use	Low density residentil, near school and church	Low density residential, near theatre and sports field	Medium density residential and commercial use
Nearby on-street parking regime	YES - Restricted	YES - Restricted	YES - Restricted	NO	YES - Restricted	YES - Restricted	YES - Restricted	YES - Restricted	YES - Restricted	YES - Restricted
Principal adjacent road - AM Peak Period (weekday)										
Wednesday / Thursday	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:45 AM - 09:45 AM	11:45 AM - 12:45 PM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	10:15 AM - 11:15 AM	08:30 AM - 09:30 AM
Friday	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	11:00 AM - 12:00 PM	11:45 AM - 12:45 PM	08:30 AM - 09:30 AM
Principal adjacent road - PM Peak Period (weekday)										
Wednesday / Thursday	05:00 PM - 06:00 PM	03:00 PM - 04:00 PM	05:30 PM - 06:30 PM	02:30 PM - 03:30 PM	03:00 PM - 04:00 PM	03:30 PM - 04:30 PM	04:45 PM - 05:45 PM	02:30 PM - 03:30 PM	03:15 PM - 04:15 PM	04:45 PM - 05:45 PM
Friday	05:00 PM - 06:00 PM	03:00 PM - 04:00 PM	04:45 PM - 05:45 PM	03:00 PM - 04:00 PM	02:30 PM - 03:30 PM	03:30 PM - 04:30 PM	04:15 PM - 05:15 PM	04:00 PM - 05:00 PM	12:00 PM - 01:00 PM	03:00 PM - 04:00 PM
Principal adjacent road - Daily Peak (weekend)										
Saturday	11:45 AM - 12:45 PM	12:45 PM - 01:45 PM	10:30 AM - 11:30 AM	11:30 AM - 12:30 PM	12:30 PM - 01:30 PM	12:15 PM - 01:15 PM	01:30 PM - 02:30 PM	03:30 PM - 04:30 PM	12:00 PM - 01:00 PM	11:00 AM - 12:00 PM
Sunday	11:15 AM - 12:15 PM	11:30 AM - 12:30 PM	11:45 AM - 12:45 PM	10:45 AM - 11:45 AM		03:45 PM - 04:45 PM	12:45 PM - 01:45 PM			
Building Characteristics:										
Year built	1980	1980	2000	2016	Pre 2009	0	1987	0	0	0
Major Tenant	Woolworths	IGA	Woolworths	Woolworths	Aldi	Aldi	Woolworths	Coles	Woolworths	Coles
Gross Leasable Floor Area (GLFA) (m2)	5142	3445	3182	4976	991	991	6394	4740	9700	1452
Major Tenant GLFA (m2)	3844	2150	2540	3800	991	991	3833	4331	4277	1452
Specialty Store GLFA (m2) (other tenants)	1298	1295	642	1176	0	0	2561	409	5423	0
On-Site Parking:										
Customer (General Access)	191	159	117	224	93	72	276	261	519	105
Disabled	7	4	2	6	3	2	3	4	17	4
Staff	NA	NA	0	NA	NA	NA	0	0	40	0
Loading Bays	2	Delivery Lane	1	1	1	5	1	1	4	0
Other	0	0	0	5	0	0	0	2 coles click and collect	0	0
Total	200	159	119	236	97	84	279	267	576	109
Opening Hours:										
Monday, Tuesday, Wednesday and Friday	7:00 am - 10:00 pm	7:30 am - 9:00 pm	7:00 am - 10:00 pm	7:00 am - 10:00 pm	8:30 am - 8:00 pm	8:30 am - 8:00 pm	7:00 am - 12:00 am	7:00 am - 9:00 pm	7:00 am - 10:00 pm	7:00 am - 10:00 pm
Thursday		7:30 am - 9:00 pm			8:30 am - 9:00 pm	8:30 am - 9:00 pm		7:00 am - 9:00 pm		
Saturday		7:30 am - 8:00 pm			8:30 am - 8:00 pm	8:30 am - 8:00 pm		7:00 am - 5:00 pm		
Sunday		8:00 am - 8:00 pm			8:30 am - 8:00 pm	8:30 am - 8:00 pm		11:00 am - 5:00 pm		
Persons Trips:										
Peak 1-hour persons trips										
Wednesday / Thursday AM Peak	606	364	460	470	328	266	650	536	1144	302
Friday AM Peak	536	474	358	576	278	276	564	574	1412	364
Wednesday / Thursday PM Peak	714	578	666	1108	444	286	772	628	1378	550
Friday PM Peak	642	470	448	1136	336	286	730	594	1334	630
Saturday	760	684	610	984	482	468	1072	874	1942	644
Sunday	736	582	640	1172		884	714			
Peak person-trips per 100m2 GLFA										
Wednesday / Thursday AM Peak	5.89	5.28	7.23	4.72	16.55	13.42	5.08	5.65	5.90	10.40
Friday AM Peak	5.21	6.88	5.63	5.79	14.03	13.93	4.41	6.05	7.28	12.53
Wednesday / Thursday PM Peak	6.94	8.39	10.47	11.13	22.40	14.43	6.04	6.62	7.10	18.94
Friday PM Peak	6.24	6.82	7.04	11.41	16.95	14.43	5.71	6.27	6.88	21.69
Saturday	7.39	9.93	9.59	9.89	24.32	23.61	8.38	9.22	10.01	22.18
Sunday	7.16	8.45	10.06	11.78		44.60	5.58			
Total daily persons-trips										
Wednesday / Thursday	6180	4746	5120	7436	3080	2798	7222	4184	12580	4084
Friday	4658	4066	2992	6730	2636	2176	4758	4766	11392	3738
Saturday	5870	4228	3982	7108	3370	3394	7208	4468	13546	3852
Sunday	5872	3038	4608	7760		3674	3880			
Total daily persons-trips per 100m2 GLFA										
Wednesday / Thursday	120.19	137.76	160.91	149.44	310.80	282.34	112.95	88.27	129.69	281.27
Friday	90.59	118.03	94.03	135.25	265.99	219.58	74.41	100.55	117.44	257.44
Saturday	114.16	122.73	125.14	142.85	340.06	342.48	112.73	94.26	139.65	265.29
Sunday	114.20	88.19	144.81	155.95		370.74	60.68			
Vehicle Trips:										
Peak 1-hour vehicle-trips										
Wednesday / Thursday AM Peak	428	284	310	353	209	204	372	315	781	226
Friday AM Peak	413	346	279	412	197	213	363	301	1046	240
Wednesday / Thursday PM Peak	526	340	459	739	215	221	479	327	945	357
Friday PM Peak	491	322	418	771	225	195	421	337	990	356
Saturday	521	409	412	602	290	289	578	484	1238	383
Sunday	523	348	412	699		374	473			
Peak time of 1-hour vehicle-trips										
Wednesday / Thursday AM Peak	9:00:00 AM	9:45:00 AM	8:30:00 AM	8:45:00 AM	10:00:00 AM	10:15:00 AM	11:00:00 AM	12:00:00 PM	11:45:00 AM	10:30:00 AM
Friday AM Peak	11:00:00 AM	11:30:00 AM	8:45:00 AM	11:30:00 AM	12:00:00 PM	11:15:00 AM	11:00:00 AM	11:15:00 AM	11:45:00 AM	12:00:00 PM
Wednesday / Thursday PM Peak	3:15:00 PM	3:15:00 PM	5:30:00 PM	4:45:00 PM	5:00:00 PM	12:30:00 PM	6:30:00 PM	12:30:00 PM	4:45:00 PM	5:00:00 PM
Friday PM Peak	4:00:00 PM	12:00:00 PM	5:00:00 PM	4:30:00 PM	2:15:00 PM	1:30:00 PM	3:45:00 PM	1:15:00 PM	12:00:00 PM	5:00:00 PM
Saturday	10:45:00 AM	11:45:00 AM	12:00:00 PM	4:00:00 PM	3:45:00 PM	11:30:00 AM	2:45:00 PM	1:45:00 PM	11:45:00 AM	3:15:00 PM
Sunday	10:30:00 AM	11:15:00 AM	10:45:00 AM	4:00:00 PM		3:00:00 PM	9:45:00 AM			
Peak vehicle-trips per 100m2 GLFA										
Wednesday / Thursday AM Peak	8.32	8.24	9.75	7.09	21.09	20.59	5.82	6.65	8.05	15.56
Friday AM Peak	8.03	10.04	8.77	8.28	19.88	21.49	5.68	6.35	10.78	16.53
Wednesday / Thursday PM Peak	10.23	9.87	14.43	14.85	21.70	22.30	7.49	6.90	9.74	24.59
Friday PM Peak	9.55	9.35	13.14	15.49	22.70	19.68	6.58	7.11	10.21	24.52
Saturday	10.13	11.87	12.95	12.10	29.26	29.16	9.04	10.21	12.76	26.38
Sunday	10.17	10.10	12.95	14.05		37.74	7.40			
Peak vehicle-trips per parking space										
Wednesday / Thursday AM Peak	2.14	1.74	2.61	1.50	2.15	2.43	1.33	1.18	1.36	2.07
Friday AM Peak	2.07	2.12	2.34	1.75	2.03	2.54	1.30	1.13	1.82	2.20
Wednesday / Thursday PM Peak	2.63	2.09	3.86	3.13	2.22	2.63	1.72	1.22	1.64	3.28
Friday PM Peak	2.46	1.98	3.51	3.27	2.32	2.32	1.51	1.26	1.72	3.27
Saturday Peak	2.61	2.51	3.46	2.55	2.99	3.44	2.07	1.81	2.15	3.51
Sunday Peak	2.62	2.13	3.46	2.96		4.45	1.70			
Total daily vehicle trips										
Wednesday / Thursday	4691	3133	3713	5123	2080	1931	4628	2210	8509	2592
Friday	4155	2871	3237	4459	1795	1561	3416	2475	8155	2604
Saturday	4064	2814	2882	4396	1996	2040	4126	2705	8463	2363
Sunday	3920	2107	3040	4702		1984	3491			
Total daily vehicle-trips per 100m2 GLFA										
Wednesday / Thursday	91.23	90.94	116.72	102.95	209.89	194.85	72.38	46.62	87.72	178.51
Friday	80.81	83.34	101.76	89.61	181.13	157.52	53.43	52.22	84.07	179.34
Saturday	79.04	81.68	90.60	88.34	201.41	205.85	64.53	57.07	87.25	162.74
Sunday	76.23	61.16	95.54	94.49		200.20	54.60			
Total daily vehicle-trips per parking space										
Wednesday / Thursday	23.46	19.22	31.20	21.71	21.44	22.99	16.59	8.28	14.77	23.78
Friday	20.78	17.61	27.20	18.89	18.51	18.58	12.24	9.27	14.16	23.89
Saturday	20.32	17.26	24.22	18.63	20.58	24.29	14.79	10.13	14.69	21.68
Sunday	19.60	12.93	25.55	19.92		23.62	12.51			
Vehicle-trips during adjacent road AM weekday peak										
Wednesday / Thursday	388	241	310	353	188	140	254	243	732	131
Friday	323	304	277	332	179	94	210	268	1046	146
Vehicle-trips during adjacent road PM weekday peak										
Wednesday / Thursday	388	241	310	353	188	140	254	243	732	131
Friday	NA	321	415	584	217	166	406	182	990	308
Vehicle-trips during adjacent road weekend peak										
Saturday	492	317	353	591	245	228	555	319	1223	309
Sunday	500	341	382	593		270	386			
Peak Parking Accumulation (% of vehicle parking capacity) (please note that this data set is approximate and contains some errors):										
Wednesday / Thursday	58%	58%	92%	91%	22%	71%	78%	31%	Error	84%
Friday	57%	44%	60%	65%	71%	73%	51%	19%	55%	90%
Saturday	76%	67%	85%	63%	89%	75%	98%	26%	60%	74%
Sunday	71%	44%	70%	58%		65%	84%			
verage Vehicle Occupancy (averaged over all the surveyed day	1.35	1.38	1.37	1.51	1.36	1.58	1.41	1.47	1.32	1.26
% of total trips by car (driver / passanger):										
Wednesday / Thursday	97.48%	93.76%	96.72%	99.27%	78.38%	96.00%	83.36%	69.55%	89.19%	76.79%
Friday	96.61%	94.79%	98.93%	98.13%	84.07%	95.77%	77.81%	76.29%	87.97%	76.89%
Saturday	97.41%	97.30%	98.69%	98.76%	86.82%	95.76%	89.37%	98.93%	86.61%	80.79%
Sunday	96.29%	95.59%	98.13%	98.17%		95.76%	89.37%			
% of total trips by active transport (Walk / Cycle)										
Wednesday / Thursday	2.17%	4.85%	3.28%	0.73%	16.17%	4.00%	15.18%	30.45%	10.81%	23.21%
Friday	3.39%	5.21%	1.07%	1.87%	14.19%	4.23%	20.13%	23.71%	10.09%	23.11%
Saturday	2.18%	2.70%	1.31%	1.24%	10.27%	0.12%	10.02%	1.07%	13.39%	19.21%
Sunday	3.71%	3.75%	1.87%	1.83%		0.12%	10.02%			
% of total trips by public transport (train / bus / other)										
Wednesday / Thursday	0.36%	1.39%	0.00%	0.00%	5.45%	0.00%	1.47%	0.00%	0.00%	0.00%
Friday	0.00%	0.00%	0.00%	0.00%	1.75%	0.00%	2.06%	0.00%	1.93%	0.00%
Saturday	0.41%	0.00%	0.00%	0.00%	2.91%	4.12%	0.61%	0.00%	0.00%	0.00%

Sunday	0.00%	0.66%	0.00%	0.00%		4.12%	0.61%			

P3497.001S - Site Data Summary Sheet

Site No.	Site 11	Site 12	Site 13	Site 14	Site 15	Site 16	Site 17	Site 18	Site 19	Site 20
Centre Name	Casula	Aldi Wyoming	Northlakes	Lakeside	Aldi Fletcher	Fletcher Village	Lighthouse Plaza	Vincentia	Aldi Albion Park	IGA Woonona
Area	Sydney	Central Coast	Central Coast	Central Coast	Newcastle	Newcastle	Regional NSW	Regional NSW	Wollongong	Wollongong
Location	607 Hume Hwy, Casula NSW 2170	489 Pacific Highway, Wyoming NSW 2250	17-21 Old Pacific Highway, Charmhaven NSW 2263	Cnr The Entrance Road & Dening Street, The Entrance NSW 2261	Britannia Blvd & Minmi Road, Fletcher NSW 2287	Cnr Minmi Road & Churnwood Drive, Fletcher NSW 2287	100 Ocean Drive, Port Macquarie NSW 2444	8 Moona Creek Road, Vincentia NSW 2540	10 Ash Ave, Albion Park Rail NSW 2527	4-10 Russell St, Woonona NSW 2517
Dates of survey	7th-9th June	3rd-6th May	3rd-5th May	3rd-5th May	9th-13th May	10th-12th May	5th-7th April	5th-7th April	3rd-4th/26th-27th May	24th-26th May
Duration of surveys	3	4	3	3	4	3	3	3	4	3
Area Characteristics:										
Surrounding land use	Low density residential, near arterial road and school	Medium density residential, on arterial road	Low density residential, on arterial road	Low denisty residential, near beach	Low density residentail, near Flecther Village	Low density residentail, near Aldi Fletcher	Low density residential	Low density residential	Low density residential, near train station and sports fields	Low density residential
Nearby on-street parking regime	NO	YES - Restricted	YES - Restricted	YES - Restricted	NO	YES - Restricted	YES - Restricted	YES - Restricted	YES - Restricted	YES - Restricted
Principal adjacent road - AM Peak Period (weekday)										
Wednesday / Thursday	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	10:45 AM - 11:45 AM	11:15 AM - 12:15 PM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	11:45 AM - 12:45 PM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM
Friday	11:45 AM - 12:45 PM	08:30 AM - 09:30 AM	11:15 AM - 12:15 PM	11:00 AM - 12:00 PM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM	11:45 AM - 12:45 PM	08:30 AM - 09:30 AM	08:30 AM - 09:30 AM
Principal adjacent road - PM Peak Period (weekday)										
Wednesday / Thursday	04:00 PM - 05:00 PM	04:15 PM - 05:15 PM	04:30 PM - 05:30 PM	02:45 PM - 03:45 PM	04:45 PM - 05:45 PM	04:45 PM - 05:45 PM	03:15 PM - 04:15 PM	04:15 PM - 05:15 PM	04:30 PM - 05:30 PM	03:15 PM - 04:15 PM
Friday	03:30 PM - 04:30 PM	04:30 PM - 05:30 PM	03:00 PM - 04:00 PM	01:45 PM - 02:45 PM	04:45 PM - 05:45 PM	04:30 PM - 05:30 PM	12:00 PM - 01:00 PM	03:15 PM - 04:15 PM	03:00 PM - 04:00 PM	04:30 PM - 05:30 PM
Principal adjacent road - Daily Peak (weekend)										
Saturday	02:45 PM - 03:45 PM	11:30 AM - 12:30 PM	11:00 AM - 12:00 PM	11:45 AM - 12:45 PM	10:45 AM - 11:45 AM	10:45 AM - 11:45 AM	10:00 AM - 11:00 AM	12:30 PM - 01:30 PM	02:15 PM - 03:15 PM	09:00 AM - 10:00 AM
Sunday	03:45 PM - 04:45 PM	12:45 PM - 01:45 PM			11:30 AM - 12:30 PM				02:15 PM - 03:15 PM	
Building Characteristics:										
Year built	0	0	2008	1979	2014	2013	1997	2015	0	Pre 2007
Major Tenant	Woolworths	Aldi	Coles	coles	ALDI	Coles	coles	Woolowrths	ALDI	IGA
Gross Leasable Floor Area (GLFA) (m2)	4027	991	4831	5028	991	4933	5000	9505	1411	660
Major Tenant GLFA (m2)	3847	991	3500	3084	991	3633	3013	5743	1199	660
Specialty Store GLFA (m2) (other tenants)	180	0	1331	1944	0	1300	1987	3762	212	0
On-Site Parking:										
Customer (General Access)	167	87	218	190	71	202	129	449	91	171
Disabled	6	2	8	8	2	5	2	12	2	4
Staff	0	0	0	0	0	NA	NA	NA	NA	0
Loading Bays	0	1	2	3	1	1	NA	2	1	1
Other	0	0	0	0	0	2 Coles Click and collect bays, 4 elderly bays & 4 parents with prams bays	0	Police 1, Taxi 2, Trailer 4, Ambulance 2, Seniors 4, Parents with prams 14, Motorbike 17, on-street street parking 16.	0	0
Total	173	89	226	198	73	217	131	493	93	174
Opening Hours:										
Monday, Tuesday, Wednesday and Friday	7:00 am - 10:00 pm	8:30 am - 8:00 pm	7:00 am - 10:00 pm	7:00 am - 10:00 pm	8:30 am - 7:00 pm	6:00 am - 10:00 pm	7:00 am - 10:00 pm	7:00 am - 10:00 pm	8:30 am - 8:00 pm	7:00 am - 9:00 pm
Thursday					8:30 am - 8:00 pm			7:00 am - 10:00 pm	8:30 am - 8:00 pm	7:00 am - 9:00 pm
Saturday					8:30 am - 7:00 pm			7:00 am - 10:00 pm	8:30 am - 7:00 pm	7:00 am - 8:00 pm
Sunday					8:30 am - 7:00 pm			8:00 am - 10:00 pm	8:30 am - 7:00 pm	7:00 am - 8:00 pm
Persons Trips:										
Peak 1-hour persons trips										
Wednesday / Thursday AM Peak	476	256	544	1010	136	610	256	1196	276	196
Friday AM Peak	512	244	604	1018	108	582	430	1136	354	212
Wednesday / Thursday PM Peak	632	278	776	872	242	1036	478	1234	398	248
Friday PM Peak	866	332	916	1006	226	1058	620	1120	524	280
Saturday	950	384	828	908	296	1146	560	1370	562	194
Sunday	1046	446			330				600	
Peak person-trips per 100m2 GLFA										
Wednesday / Thursday AM Peak	5.91	12.92	5.63	10.04	6.86	6.18	2.56	6.29	9.78	11.53
Friday AM Peak	6.36	12.31	6.25	10.12	5.45	5.90	4.30	5.98	12.54	12.47
Wednesday / Thursday PM Peak	7.85	14.03	8.03	8.67	12.21	10.50	4.78	6.49	14.10	14.59
Friday PM Peak	10.75	16.75	9.48	10.00	11.40	10.72	6.20	5.89	18.57	16.47
Saturday	11.80	19.37	8.57	9.03	14.93	11.62	5.60	7.21	19.91	11.41
Sunday	12.99	22.50			16.65				21.26	
Total daily persons-trips										
Wednesday / Thursday	6392	2590	6696	8992	1800	6900	3310	11458	3076	1850
Friday	5510	2342	6246	8428	1448	5858	3810	10338	3654	1804
Saturday	6790	2772	6290	7292	1782	7396	4372	10846	3890	1424
Sunday	6258	2584			1824				4086	
Total daily persons-trips per 100m2 GLFA										
Wednesday / Thursday	158.73	261.35	138.60	178.84	181.63	139.87	66.20	120.55	218.00	280.30
Friday	136.83	236.33	129.29	167.62	146.12	118.75	76.20	108.76	258.97	273.33
Saturday	168.61	279.72	130.20	145.03	179.82	149.93	87.44	114.11	275.69	215.76
Sunday	155.40	260.75			184.06				289.58	
Vehicle Trips:										
Peak 1-hour vehicle-trips										
Wednesday / Thursday AM Peak	353	189	445	311	100	451	296	740	233	162
Friday AM Peak	376	178	476	324	98	489	385	775	259	205
Wednesday / Thursday PM Peak	510	234	565	293	150	739	459	711	309	208
Friday PM Peak	600	242	594	329	161	811	490	744	350	198
Saturday	588	278	564	289	160	750	480	809	344	181
Sunday	579	281			149				360	
Peak time of 1-hour vehicle-trips										
Wednesday / Thursday AM Peak	12:00:00 PM	10:30:00 AM	11:45:00 AM	10:30:00 AM	10:30:00 AM	10:45:00 AM	11:30:00 AM	9:45:00 AM	11:15:00 AM	10:00:00 AM
Friday AM Peak	11:15:00 AM	12:00:00 PM	10:45:00 AM	9:45:00 AM	12:00:00 PM	11:30:00 AM	11:00:00 AM	11:00:00 AM	11:00:00 AM	10:00:00 AM
Wednesday / Thursday PM Peak	5:45:00 PM	1:15:00 PM	4:15:00 PM	12:30:00 PM	3:30:00 PM	4:30:00 PM	5:00:00 PM	12:00:00 PM	4:45:00 PM	4:00:00 PM
Friday PM Peak	5:00:00 PM	4:15:00 PM	3:30:00 PM	3:00:00 PM	4:30:00 PM	4:45:00 PM	4:15:00 PM	12:15:00 PM	4:45:00 PM	3:45:00 PM
Saturday	2:00:00 PM	3:30:00 PM	11:00:00 AM	11:30:00 AM	11:30:00 AM	11:15:00 AM	10:30:00 AM	9:15:00 AM	11:15:00 AM	12:15:00 PM
Sunday	11:45:00 AM	2:00:00 PM			11:45:00 AM				11:15:00 AM	
Peak vehicle-trips per 100m2 GLFA										
Wednesday / Thursday AM Peak	8.77	19.07	9.21	6.19	10.09	9.14	5.92	7.79	16.51	19.06
Friday AM Peak	9.34	17.96	9.85	6.44	9.89	9.91	7.70	8.15	18.36	24.12
Wednesday / Thursday PM Peak	12.66	23.61	11.70	5.83	15.14	14.98	9.18	7.48	21.90	24.47
Friday PM Peak	14.90	24.42	12.30	6.54	16.25	16.44	9.80	7.83	24.81	23.29
Saturday	14.60	28.05	11.67	5.75	16.15	15.20	9.60	8.51	24.38	21.29
Sunday	14.38	28.36			15.04				25.51	
Peak vehicle-trips per parking space										
Wednesday / Thursday AM Peak	2.04	2.12	1.97	1.57	1.37	2.08	2.26	1.50	2.51	0.93
Friday AM Peak	2.17	2.00	2.11	1.64	1.34	2.25	2.94	1.57	2.78	1.18
Wednesday / Thursday PM Peak	2.95	2.63	2.50	1.48	2.05	3.41	3.50	1.44	3.32	1.20
Friday PM Peak	3.47	2.72	2.63	1.66	2.21	3.74	3.74	1.51	3.76	1.14
Saturday Peak	3.40	3.12	2.50	1.46	2.19	3.46	3.66	1.64	3.70	1.04
Sunday Peak	3.35	3.16			2.04				3.87	
Total daily vehicle trips										
Wednesday / Thursday	4786	1873	5045	2844	1076	5332	3633	7202	2409	1605
Friday	3978	1685	4369	2906	985	4607	3580	6626	2482	1557
Saturday	4224	1776	4006	2288	1149	5194	3762	6313	2461	1231
Sunday	4004	1701			997				2607	
Total daily vehicle-trips per 100m2 GLFA										
Wednesday / Thursday	118.85	189.00	104.43	56.56	108.58	108.09	72.66	75.77	170.73	188.82
Friday	98.78	170.03	90.44	57.80	99.39	93.39	71.60	69.71	175.90	183.18
Saturday	104.89	179.21	82.92	45.51	115.94	105.29	75.24	66.42	174.42	144.82
Sunday	99.43	171.64			100.61				184.76	
Total daily vehicle-trips per parking space										
Wednesday / Thursday	27.66	21.04	22.32	14.36	14.74	24.57	27.73	14.61	25.90	9.22
Friday	22.99	18.93	19.33	14.68	13.49	21.23	27.33	13.44	26.69	8.95
Saturday	24.42	19.96	17.73	11.56	15.74	23.94	28.72	12.81	26.46	7.07
Sunday	23.14	19.11			13.66				28.03	
Vehicle-trips during adjacent road AM weekday peak										
Wednesday / Thursday	295	119	368	316	98	370	213	708	172	113
Friday	364	99	450	410	71	NA	279	750	153	108
Vehicle-trips during adjacent road PM weekday peak										
Wednesday / Thursday	295	119	368	316	98	370	213	708	172	113
Friday	534	225	535	392	NA	769	314	726	303	138
Vehicle-trips during adjacent road weekend peak										
Saturday	556	220	564	356	140	717	448	698	298	133
Sunday	440	197			138				340	
Peak Parking Accumulation (% of vehicle parking capacity) (please note that this data set is approximate and contains some errors):										
Wednesday / Thursday	53%	67%	69%	Error	79%	61%	86%	30%	72%	13%
Friday	51%	63%	49%	Error	57%	73%	74%	37%	88%	19%
Saturday	21%	85%	93%	Error	93%	73%	86%	25%	88%	25%
Sunday	61%	67%			82%				57%	
verage Vehicle Occupancy (averaged over all the surveyed day	1.47	1.37	1.40	1.36	1.38	1.36	1.31	1.61	1.37	1.15
% of total trips by car (driver / passanger):										
Wednesday / Thursday	94.24%	93.67%	93.88%	54.20%	93.11%	96.32%	97.76%	98.34%	94.08%	88.76%
Friday	94.95%	94.02%	92.54%	54.39%	98.90%	97.88%	97.74%	96.21%	91.68%	82.15%
Saturday	96.29%	94.16%	96.60%	56.61%	97.87%	97.59%	95.65%	98.36%	88.38%	86.38%
Sunday	96.29%	94.16%			97.87%				88.38%	
% of total trips by active transport (Walk / Cycle)										
Wednesday / Thursday	3.69%	4.48%	5.17%	43.39%	6.89%	2.12%	2.11%	1.13%	5.92%	10.49%
Friday	3.23%	5.21%	7.46%	45.61%	1.10%	2.12%	2.26%	3.25%	8.32%	17.85%
Saturday	2.47%	5.84%	3.40%	38.29%	2.13%	2.41%	4.03%	1.64%	11.62%	13.62%
Sunday	2.47%	5.84%			2.13%				11.62%	
% of total trips by public transport (train / bus / other)										
Wednesday / Thursday	2.07%	1.85%	0.96%	2.40%	0.00%	1.57%	0.12%	0.52%	0.00%	0.76%
Friday	1.81%	0.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.54%	0.00%	0.00%
Saturday	1.24%	0.00%	0.00%	5.10%	0.00%	0.00%	0.32%	0.00%	0.00%	0.00%

Sunday	1.24%	0.00%			0.00%				0.00%	

APPENDIX B

SINGLE LINEAR REGRESSION SCENARIOS

Peak Period Vehicle Trips Linear Regression Datasets - All Sites

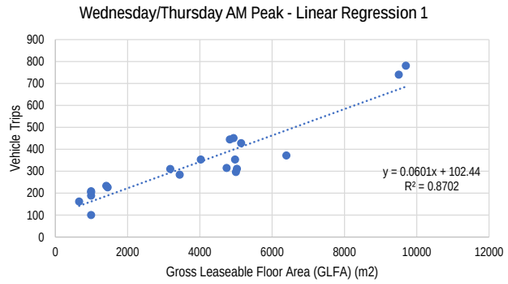
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

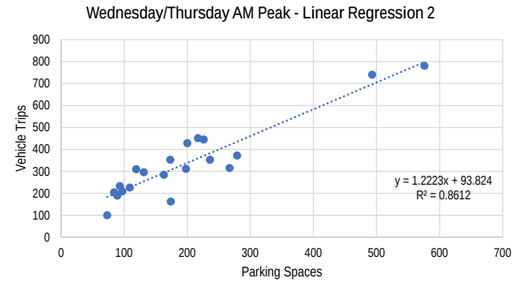
Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
1	428	5142
2	284	3445
3	310	3182
4	353	4976
5	209	991
6	204	991
7	372	6394
8	315	4740
9	781	9700
10	226	1452
11	353	4027
12	189	991
13	445	4831
14	311	5028
15	100	991
16	451	4933
17	296	5000
18	740	9505
19	233	1411
20	162	660

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Parking Spaces
1	428	200
2	284	163
3	310	119
4	353	236
5	209	97
6	204	84
7	372	279
8	315	267
9	781	576
10	226	109
11	353	173
12	189	89
13	445	226
14	311	198
15	100	73
16	451	217
17	296	131
18	740	493
19	233	93
20	162	174



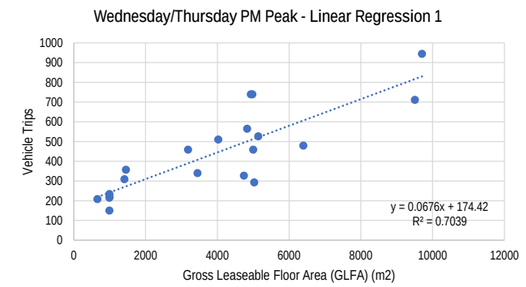


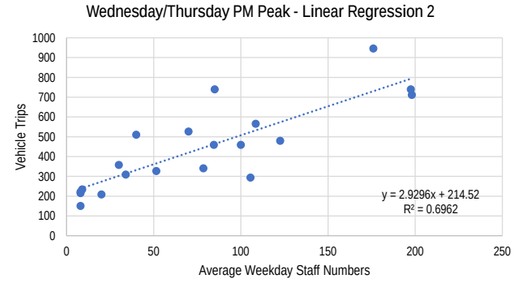
Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
1	526	5142
2	340	3445
3	459	3182
4	739	4976
5	215	991
6	221	991
7	479	6394
8	327	4740
9	945	9700
10	357	1452
11	510	4027
12	234	991
13	565	4831
14	293	5028
15	150	991
16	739	4933
17	459	5000
18	711	9505
19	309	1411
20	208	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Avg Weekday Staff Numbers
1	526	70
2	340	78.5
3	459	84.5
4	739	85
5	215	8
6	221	8
7	479	122.5
8	327	51.5
9	945	176
10	357	30
11	510	40
12	234	9
13	565	108.5
14	293	105.5
15	150	8
16	739	197.5
17	459	100
18	711	198
19	309	34
20	208	20



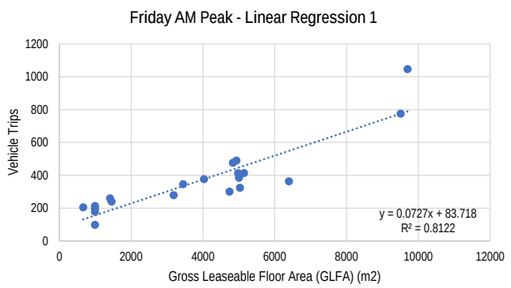


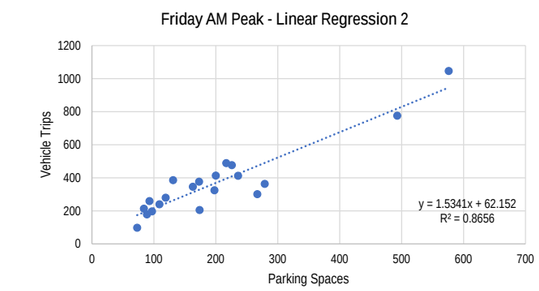
Friday - AM Peak - LINEAR REGRESSION 1

	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
1	413	5142
2	346	3445
3	279	3182
4	412	4976
5	197	991
6	213	991
7	363	6394
8	301	4740
9	1046	9700
10	240	1452
11	376	4027
12	178	991
13	476	4831
14	324	5028
15	98	991
16	489	4933
17	385	5000
18	775	9505
19	259	1411
20	205	660

Friday - AM Peak - LINEAR REGRESSION 2

	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Parking Spaces
1	413	200
2	346	163
3	279	119
4	412	236
5	197	97
6	213	84
7	363	279
8	301	267
9	1046	576
10	240	109
11	376	173
12	178	89
13	476	226
14	324	198
15	98	73
16	489	217
17	385	131
18	775	493
19	259	93
20	205	174





Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
1	491	5142
2	322	3445
3	418	3182
4	771	4976
5	225	991
6	195	991
7	421	6394
8	337	4740
9	990	9700
10	356	1452
11	600	4027
12	242	991
13	594	4831
14	329	5028
15	161	991
16	811	4933
17	490	5000
18	744	9505
19	350	1411
20	198	660

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Avg Weekday Staff Numbers
1	491	70
2	322	78.5
3	418	84.5
4	771	85
5	225	8
6	195	8
7	421	122.5
8	337	51.5
9	990	176
10	356	30
11	600	40
12	242	9
13	594	108.5
14	329	105.5
15	161	8
16	811	197.5
17	490	100
18	744	198
19	350	34
20	198	20

Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	GLFA (m2)
1	521	5142
2	409	3445
3	412	3182
4	602	4976
5	290	991
6	289	991
7	578	6394
8	484	4740
9	1238	9700
10	383	1452
11	588	4027
12	278	991
13	564	4831
outlier value 14		5028
15	160	991
16	750	4933
17	480	5000
18	809	9505
19	344	1411
20	181	660

Saturday - Peak - LINEAR REGRESSION 2

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
1	521	200
2	409	163
3	412	119
4	602	236
5	290	97
6	289	84
7	578	279
8	484	267
9	1238	576
10	383	109
11	588	173
12	278	89
13	564	226
14	289	198
15	160	73
16	750	217
17	480	131
18	809	493
19	344	93
20	181	174

Sunday - Peak - LINEAR REGRESSION 1

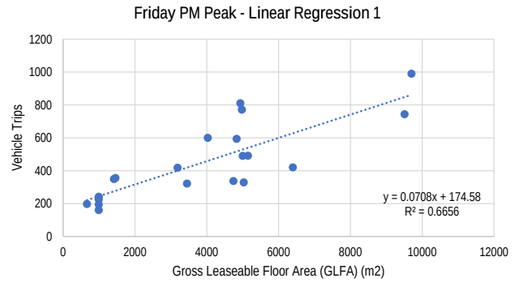
	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	GLFA (m2)
1	523	5142
2	348	3445
3	412	3182
4	699	4976
6	374	991
7	473	6394
11	579	4027
12	281	991
15	149	991
19	360	1411

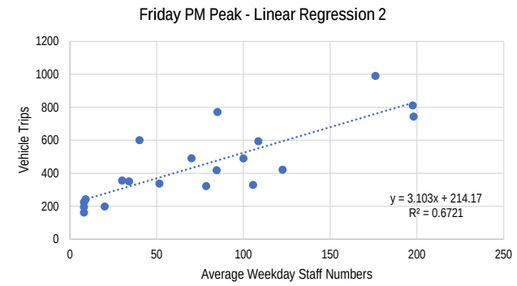
Sunday - Peak - LINEAR REGRESSION 2

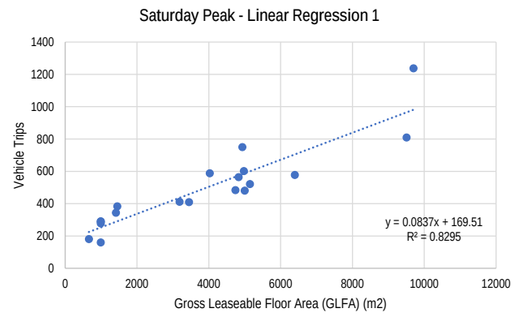
	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
1	523	200
2	348	163
3	412	119
4	699	236
6	374	84
7	473	279
11	579	173
12	281	89
15	149	73
19	360	93

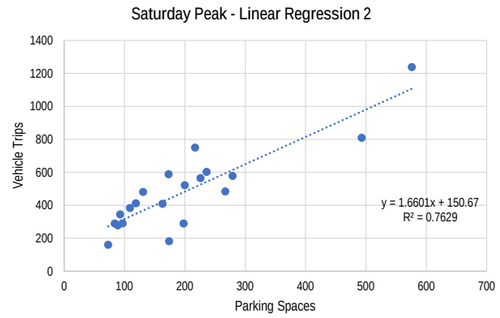
Sunday - Peak - LINEAR REGRESSION 3

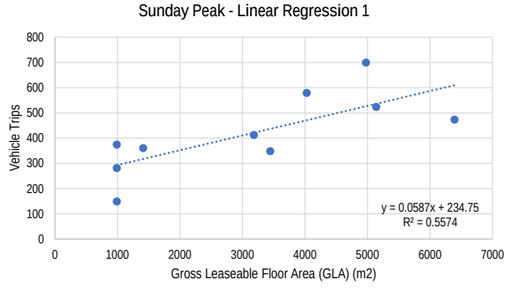
	Sunday 1-hr AM Peak	
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)
1	523	3844
2	348	2150
3	412	2540
4	699	3800
6	374	991
7	473	3833
11	579	3847
12	281	991
15	149	991
19	360	1199

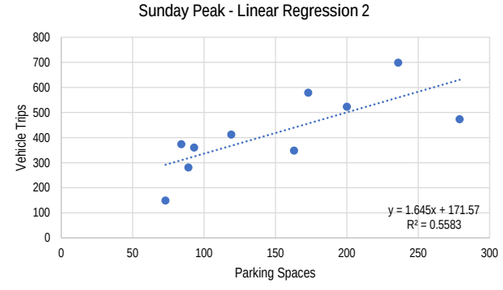


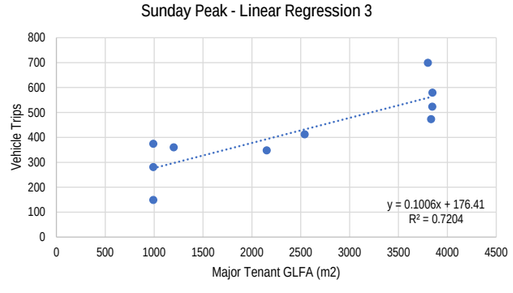












Daily Vehicle Trip Linear Regression Datasets - All Sites

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - Daily - LINEAR REGRESSION 1

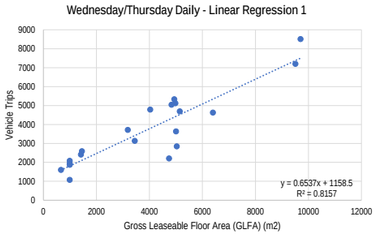
	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4691	5142
2	3133	3445
3	3713	3182
4	5123	4976
5	2080	991
6	1931	991
7	4628	6394
8	2210	4740
9	8509	9700
10	2592	1452
11	4786	4027
12	1873	991
13	5045	4831
14	2844	5028
15	1076	991
16	5332	4933
17	3633	5000
18	7202	9505
19	2409	1411
20	1605	660

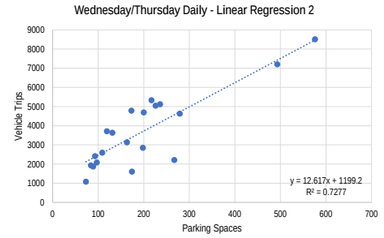
Wednesday/Thursday - Daily - LINEAR REGRESSION 2

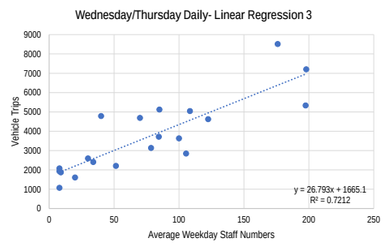
	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4691	200
2	3133	163
3	3713	119
4	5123	236
5	2080	97
6	1931	84
7	4628	279
8	2210	267
9	8509	576
10	2592	109
11	4786	173
12	1873	89
13	5045	226
14	2844	198
15	1076	73
16	5332	217
17	3633	131
18	7202	493
19	2409	93
20	1605	174

Wednesday/Thursday - Daily - LINEAR REGRESSION 3

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Avg Weekday Staff Numbers
1	4691	70
2	3133	78.5
3	3713	84.5
4	5123	85
5	2080	8
6	1931	8
7	4628	122.5
8	2210	51.5
9	8509	176
10	2592	30
11	4786	40
12	1873	9
13	5045	108.5
14	2844	105.5
15	1076	8
16	5332	197.5
17	3633	100
18	7202	198
19	2409	34
20	1605	20







Friday - Daily - LINEAR REGRESSION 1

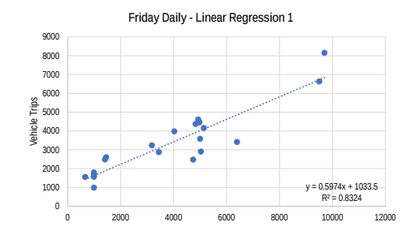
	Friday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4155	5142
2	2871	3445
3	3237	3182
4	4459	4976
5	1795	991
6	1561	991
7	3416	6394
8	2475	4740
9	8155	9700
10	2604	1452
11	3978	4027
12	1685	991
13	4369	4831
14	2906	5028
15	985	991
16	4607	4933
17	3580	5000
18	6626	9505
19	2482	1411
20	1557	660

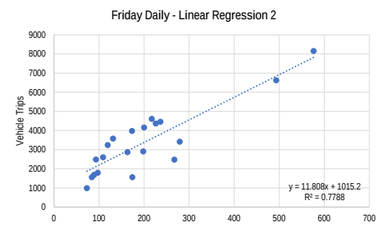
Friday - Daily - LINEAR REGRESSION 2

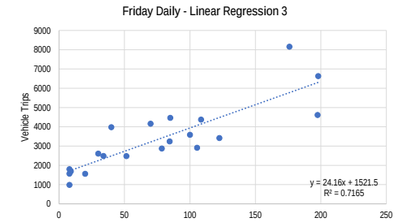
	Friday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4155	200
2	2871	163
3	3237	119
4	4459	236
5	1795	97
6	1561	84
7	3416	279
8	2475	267
9	8155	576
10	2604	109
11	3978	173
12	1685	89
13	4369	226
14	2906	198
15	985	73
16	4607	217
17	3580	131
18	6626	493
19	2482	93
20	1557	174

Friday - Daily - LINEAR REGRESSION 3

	Friday Daily	
Site Number	Daily Vehicle Trips	Avg Weekday Staff Numbers
1	4155	70
2	2871	78.5
3	3237	84.5
4	4459	85
5	1795	8
6	1561	8
7	3416	122.5
8	2475	51.5
9	8155	176
10	2604	30
11	3978	40
12	1685	9
13	4369	108.5
14	2906	105.5
15	985	8
16	4607	197.5
17	3580	100
18	6626	198
19	2482	34
20	1557	20





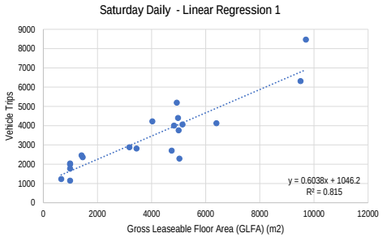


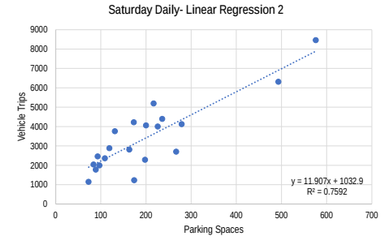
Saturday - Daily - LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4064	5142
2	2814	3445
3	2882	3182
4	4396	4976
5	1996	991
6	2040	991
7	4126	6394
8	2705	4740
9	8463	9700
10	2363	1452
11	4224	4027
12	1776	991
13	4006	4831
14	2288	5028
15	1149	991
16	5194	4933
17	3762	5000
18	6313	9505
19	2461	1411
20	1231	660

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4064	200
2	2814	163
3	2882	119
4	4396	236
5	1996	97
6	2040	84
7	4126	279
8	2705	267
9	8463	576
10	2363	109
11	4224	173
12	1776	89
13	4006	226
14	2288	198
15	1149	73
16	5194	217
17	3762	131
18	6313	493
19	2461	93
20	1231	174





Sunday - Daily - LINEAR REGRESSION 1

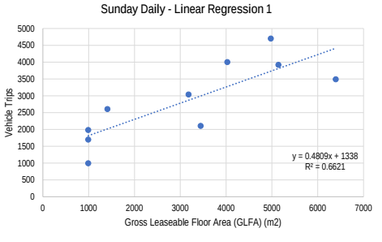
	Sunday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	3920	5142
2	2107	3445
3	3040	3182
4	4702	4976
6	1984	991
7	3491	6394
11	4004	4027
12	1701	991
15	997	991
19	2607	1411

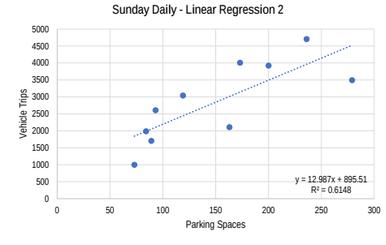
Sunday - Daily - LINEAR REGRESSION 2

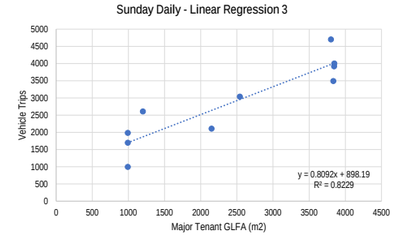
	Sunday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	3920	200
2	2107	163
3	3040	119
4	4702	236
6	1984	84
7	3491	279
11	4004	173
12	1701	89
15	997	73
19	2607	93

Sunday - Daily - LINEAR REGRESSION 3

	Sunday Daily	
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)
1	3920	3844
2	2107	2150
3	3040	2540
4	4702	3800
6	1984	991
7	3491	3833
11	4004	3847
12	1701	991
15	997	991
19	2607	1199







Peak Period Person Trips Linear Regression Datasets - All Sites

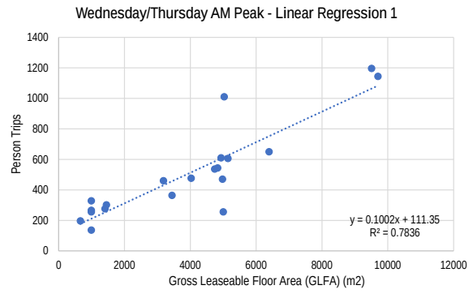
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

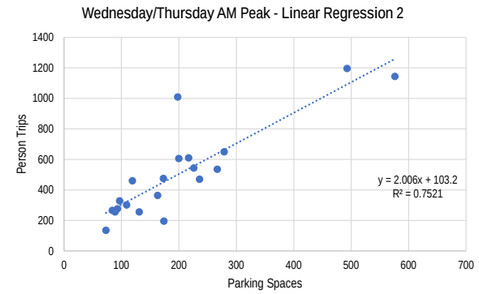
Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
1	606	5142
2	364	3445
3	460	3182
4	470	4976
5	328	991
6	266	991
7	650	6394
8	536	4740
9	1144	9700
10	302	1452
11	476	4027
12	256	991
13	544	4831
14	1010	5028
15	136	991
16	610	4933
17	256	5000
18	1196	9505
19	276	1411
20	196	660

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	Parking Spaces
1	606	200
2	364	163
3	460	119
4	470	236
5	328	97
6	266	84
7	650	279
8	536	267
9	1144	576
10	302	109
11	476	173
12	256	89
13	544	226
14	1010	198
15	136	73
16	610	217
17	256	131
18	1196	493
19	276	93
20	196	174



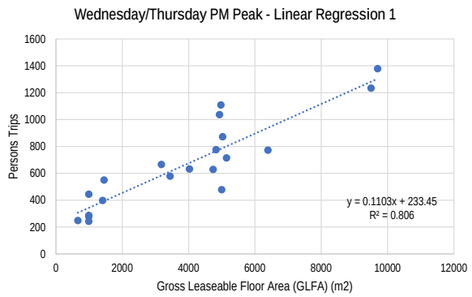


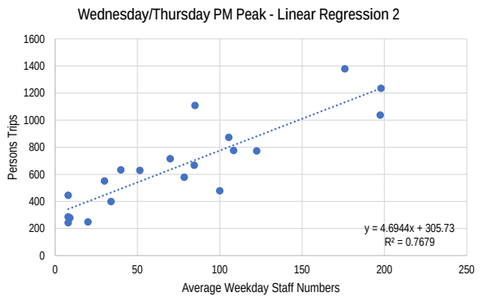
Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
1	714	5142
2	578	3445
3	666	3182
4	1108	4976
5	444	991
6	286	991
7	772	6394
8	628	4740
9	1378	9700
10	550	1452
11	632	4027
12	278	991
13	776	4831
14	872	5028
15	242	991
16	1036	4933
17	478	5000
18	1234	9505
19	398	1411
20	248	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	Avg Weekday Staff Numbers
1	714	70
2	578	78.5
3	666	84.5
4	1108	85
5	444	8
6	286	8
7	772	122.5
8	628	51.5
9	1378	176
10	550	30
11	632	40
12	278	9
13	776	108.5
14	872	105.5
15	242	8
16	1036	197.5
17	478	100
18	1234	198
19	398	34
20	248	20



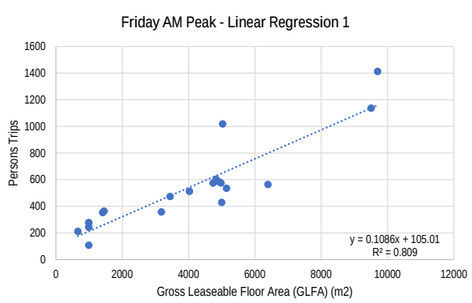


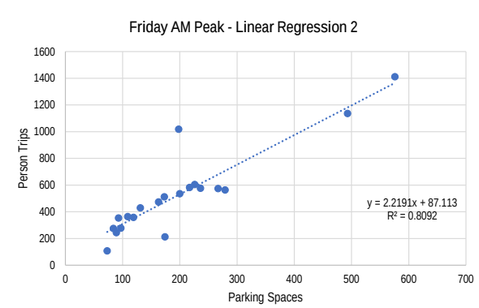
Friday - AM Peak - LINEAR REGRESSION 1

	Friday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
1	536	5142
2	474	3445
3	358	3182
4	576	4976
5	278	991
6	276	991
7	564	6394
8	574	4740
9	1412	9700
10	364	1452
11	512	4027
12	244	991
13	604	4831
14	1018	5028
15	108	991
16	582	4933
17	430	5000
18	1136	9505
19	354	1411
20	212	660

Friday - AM Peak - LINEAR REGRESSION 2

	Friday 1-hr AM Peak	
Site Number	AM Person Trips	Parking Spaces
1	536	200
2	474	163
3	358	119
4	576	236
5	278	97
6	276	84
7	564	279
8	574	267
9	1412	576
10	364	109
11	512	173
12	244	89
13	604	226
14	1018	198
15	108	73
16	582	217
17	430	131
18	1136	493
19	354	93
20	212	174



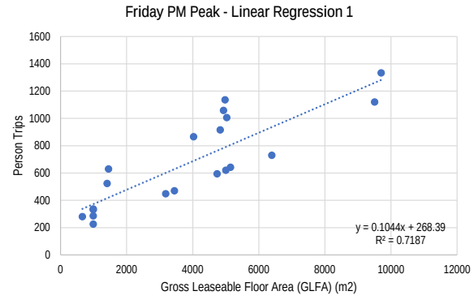


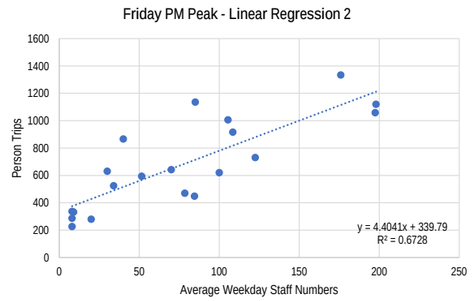
Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
1	642	5142
2	470	3445
3	448	3182
4	1136	4976
5	336	991
6	286	991
7	730	6394
8	594	4740
9	1334	9700
10	630	1452
11	866	4027
12	332	991
13	916	4831
14	1006	5028
15	226	991
16	1058	4933
17	620	5000
18	1120	9505
19	524	1411
20	280	660

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	Avg Weekday Staff Numbers
1	642	70
2	470	78.5
3	448	84.5
4	1136	85
5	336	8
6	286	8
7	730	122.5
8	594	51.5
9	1334	176
10	630	30
11	866	40
12	332	9
13	916	108.5
14	1006	105.5
15	226	8
16	1058	197.5
17	620	100
18	1120	198
19	524	34
20	280	20



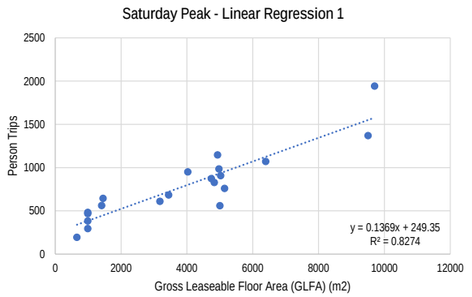


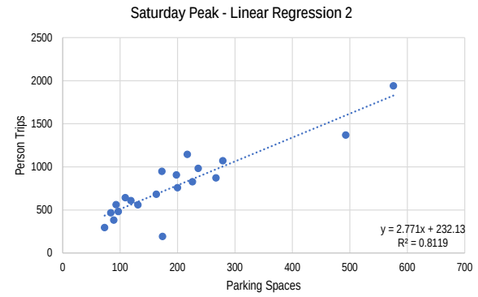
Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Person Trips	GLFA (m2)
1	760	5142
2	684	3445
3	610	3182
4	984	4976
5	482	991
6	468	991
7	1072	6394
8	874	4740
9	1942	9700
10	644	1452
11	950	4027
12	384	991
13	828	4831
14	908	5028
15	296	991
16	1146	4933
17	560	5000
18	1370	9505
19	562	1411
20	194	660

Saturday - Peak - LINEAR REGRESSION 2

	Saturday 1-hr Peak	
Site Number	Peak Person Trips	Parking Spaces
1	760	200
2	684	163
3	610	119
4	984	236
5	482	97
6	468	84
7	1072	279
8	874	267
9	1942	576
10	644	109
11	950	173
12	384	89
13	828	226
14	908	198
15	296	73
16	1146	217
17	560	131
18	1370	493
19	562	93
20	194	174



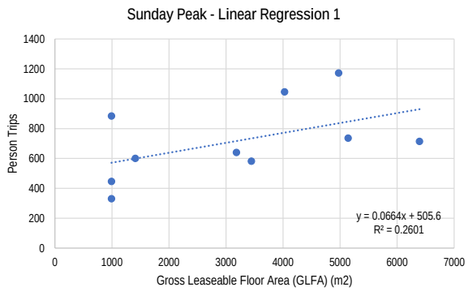


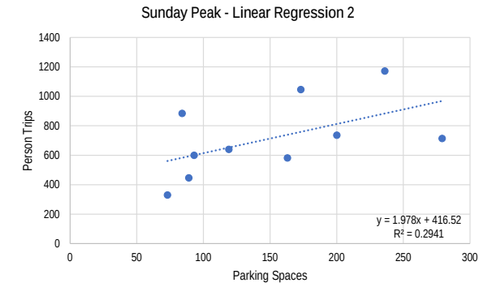
Sunday - Peak - LINEAR REGRESSION 1

	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	GLFA (m2)
1	736	5142
2	582	3445
3	640	3182
4	1172	4976
6	884	991
7	714	6394
11	1046	4027
12	446	991
15	330	991
19	600	1411

Sunday - Peak - LINEAR REGRESSION 2

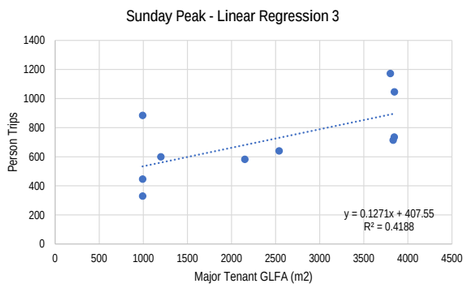
	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	Parking Spaces
1	736	200
2	582	163
3	640	119
4	1172	236
6	884	84
7	714	279
11	1046	173
12	446	89
15	330	73
19	600	93





Sunday - Peak - LINEAR REGRESSION 3

	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	Major Tenant GLFA (m2)
1	736	3844
2	582	2150
3	640	2540
4	1172	3800
6	884	991
7	714	3833
11	1046	3847
12	446	991
15	330	991
19	600	1199



Daily Person Trip Linear Regression Datasets - All Sites

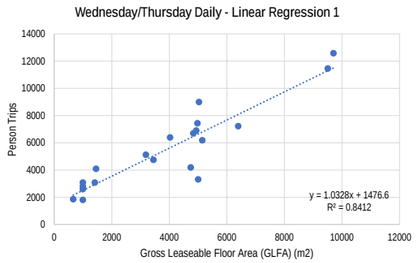
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

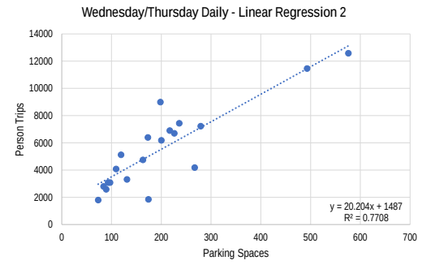
Wednesday/Thursday - Daily - LINEAR REGRESSION 1

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	6180	5142
2	4746	3445
3	5120	3182
4	7436	4976
5	3080	991
6	2798	991
7	7222	6394
8	4184	4740
9	12580	9700
10	4084	1452
11	6392	4027
12	2590	991
13	6696	4831
14	8992	5028
15	1800	991
16	6900	4933
17	3310	5000
18	11458	9505
19	3076	1411
20	1850	660

Wednesday/Thursday - Daily - LINEAR REGRESSION 2

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	6180	200
2	4746	163
3	5120	119
4	7436	236
5	3080	97
6	2798	84
7	7222	279
8	4184	267
9	12580	576
10	4084	109
11	6392	173
12	2590	89
13	6696	226
14	8992	198
15	1800	73
16	6900	217
17	3310	131
18	11458	493
19	3076	93
20	1850	174



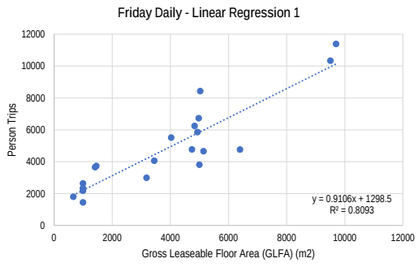


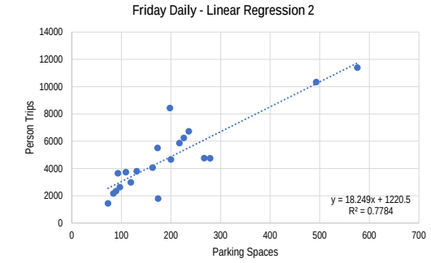
Friday - Daily - LINEAR REGRESSION 1

	Friday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	4658	5142
2	4066	3445
3	2992	3182
4	6730	4976
5	2636	991
6	2176	991
7	4758	6394
8	4766	4740
9	11392	9700
10	3738	1452
11	5510	4027
12	2342	991
13	6246	4831
14	8428	5028
15	1448	991
16	5858	4933
17	3810	5000
18	10338	9505
19	3654	1411
20	1804	660

Friday - Daily - LINEAR REGRESSION 2

	Friday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	4658	200
2	4066	163
3	2992	119
4	6730	236
5	2636	97
6	2176	84
7	4758	279
8	4766	267
9	11392	576
10	3738	109
11	5510	173
12	2342	89
13	6246	226
14	8428	198
15	1448	73
16	5858	217
17	3810	131
18	10338	493
19	3654	93
20	1804	174



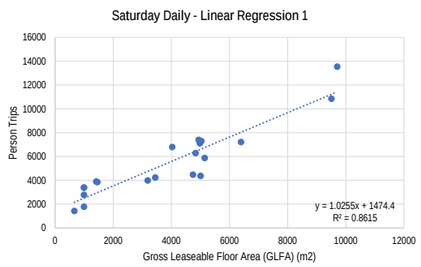


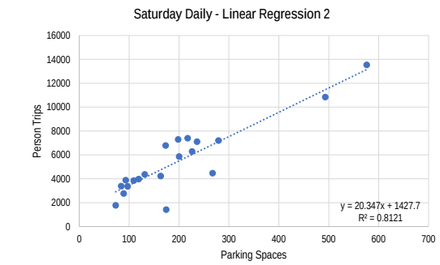
Saturday - Daily - LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	5870	5142
2	4228	3445
3	3982	3182
4	7108	4976
5	3370	991
6	3394	991
7	7208	6394
8	4468	4740
9	13546	9700
10	3852	1452
11	6790	4027
12	2772	991
13	6290	4831
14	7292	5028
15	1782	991
16	7396	4933
17	4372	5000
18	10846	9505
19	3890	1411
20	1424	660

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	5870	200
2	4228	163
3	3982	119
4	7108	236
5	3370	97
6	3394	84
7	7208	279
8	4468	267
9	13546	576
10	3852	109
11	6790	173
12	2772	89
13	6290	226
14	7292	198
15	1782	73
16	7396	217
17	4372	131
18	10846	493
19	3890	93
20	1424	174



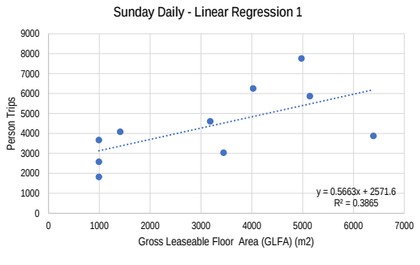


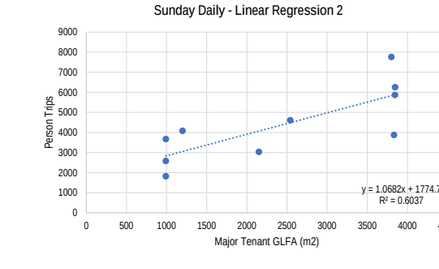
Sunday - Daily - LINEAR REGRESSION 1

	Sunday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	5872	5142
2	3038	3445
3	4608	3182
4	7760	4976
6	3674	991
7	3880	6394
11	6258	4027
12	2584	991
15	1824	991
19	4086	1411

Sunday - Daily - LINEAR REGRESSION 2

	Sunday Daily	
Site Number	Daily Person Trips	Major Tenant GLFA (m2)
1	5872	3844
2	3038	2150
3	4608	2540
4	7760	3800
6	3674	991
7	3880	3833
11	6258	3847
12	2584	991
15	1824	991
19	4086	1199





Peak Period Vehicle Trips Linear Regression Datasets - Sites 2000m^2 to 10000m^2

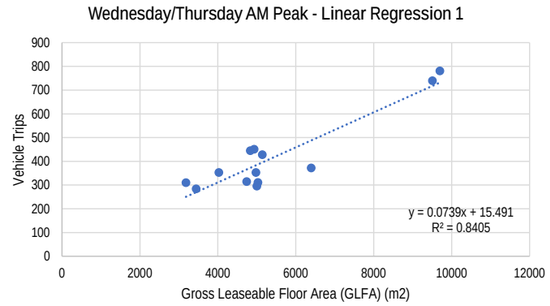
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

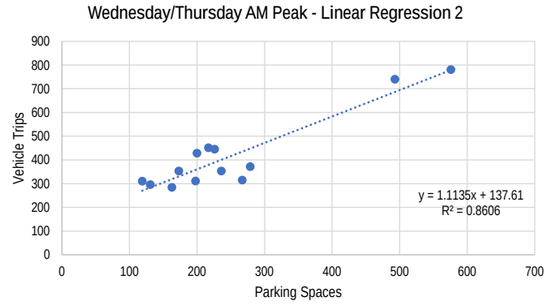
Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
1	428	5142
2	284	3445
3	310	3182
4	353	4976
7	372	6394
8	315	4740
9	781	9700
11	353	4027
13	445	4831
14	311	5028
16	451	4933
17	296	5000
18	740	9505

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Parking Spaces
1	428	200
2	284	163
3	310	119
4	353	236
7	372	279
8	315	267
9	781	576
11	353	173
13	445	226
14	311	198
16	451	217
17	296	131
18	740	493



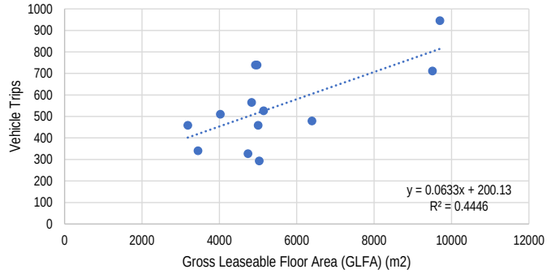


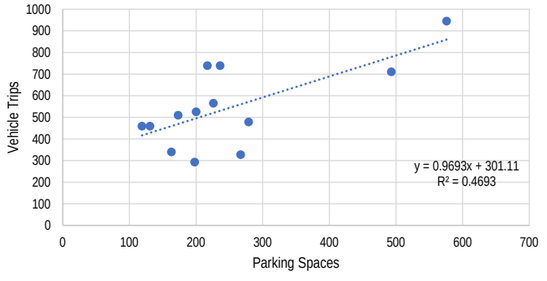
Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
1	526	5142
2	340	3445
3	459	3182
4	739	4976
7	479	6394
8	327	4740
9	945	9700
11	510	4027
13	565	4831
14	293	5028
16	739	4933
17	459	5000
18	711	9505

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Parking Spaces
1	526	200
2	340	163
3	459	119
4	739	236
7	479	279
8	327	267
9	945	576
11	510	173
13	565	226
14	293	198
16	739	217
17	459	131
18	711	493



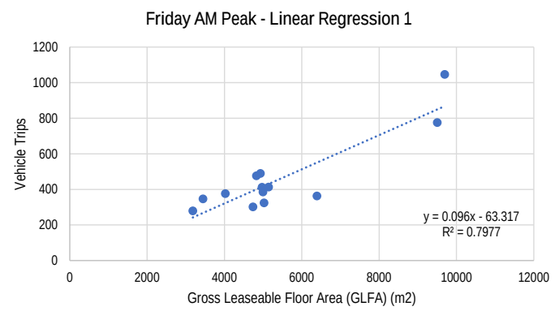


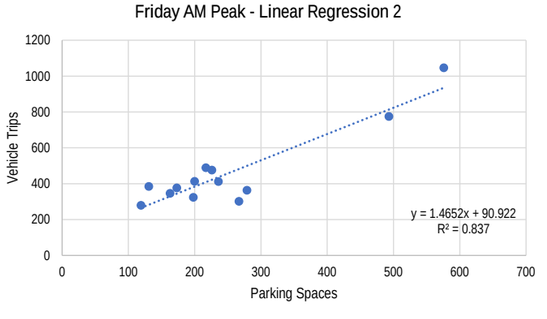
Friday - AM Peak - LINEAR REGRESSION 1

	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
1	413	5142
2	346	3445
3	279	3182
4	412	4976
7	363	6394
8	301	4740
9	1046	9700
11	376	4027
13	476	4831
14	324	5028
16	489	4933
17	385	5000
18	775	9505

Friday - AM Peak - LINEAR REGRESSION 2

	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Parking Spaces
1	413	200
2	346	163
3	279	119
4	412	236
7	363	279
8	301	267
9	1046	576
11	376	173
13	476	226
14	324	198
16	489	217
17	385	131
18	775	493



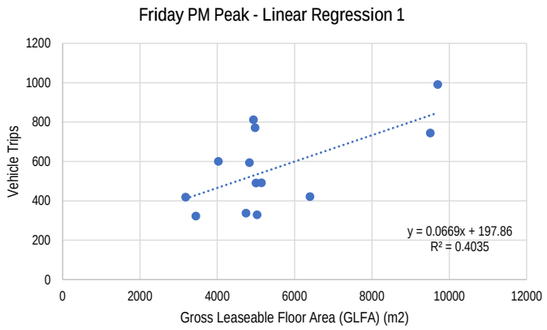


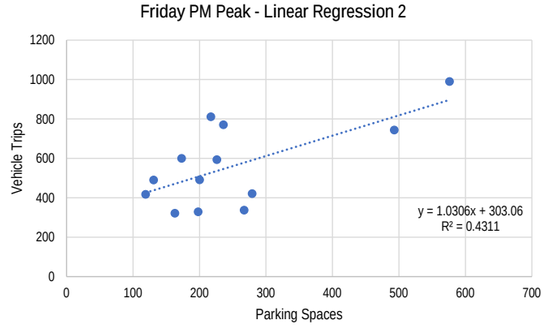
Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
1	491	5142
2	322	3445
3	418	3182
4	771	4976
7	421	6394
8	337	4740
9	990	9700
11	600	4027
13	594	4831
14	329	5028
16	811	4933
17	490	5000
18	744	9505

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Parking Spaces
1	491	200
2	322	163
3	418	119
4	771	236
7	421	279
8	337	267
9	990	576
11	600	173
13	594	226
14	329	198
16	811	217
17	490	131
18	744	493



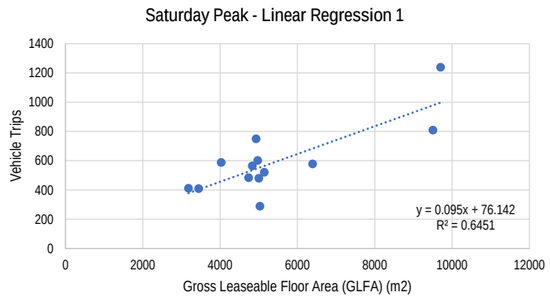


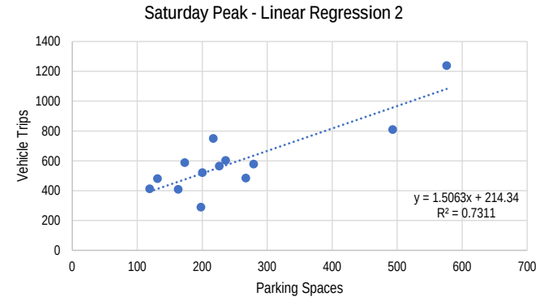
Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	GLFA (m2)
1	521	5142
2	409	3445
3	412	3182
4	602	4976
7	578	6394
8	484	4740
9	1238	9700
11	588	4027
13	564	4831
14	289	5028
16	750	4933
17	480	5000
18	809	9505

Saturday - Peak - LINEAR REGRESSION 2

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
1	521	200
2	409	163
3	412	119
4	602	236
7	578	279
8	484	267
9	1238	576
11	588	173
13	564	226
14	289	198
16	750	217
17	480	131
18	809	493



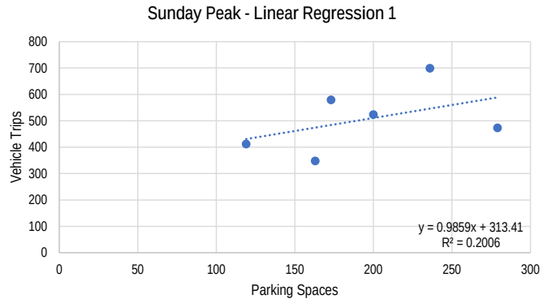


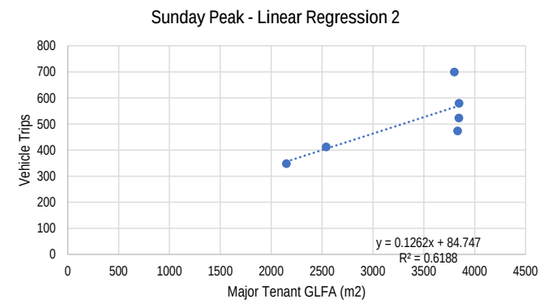
Sunday - Peak - LINEAR REGRESSION 1

	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
1	523	200
2	348	163
3	412	119
4	699	236
7	473	279
11	579	173

Sunday - Peak - LINEAR REGRESSION 2

	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)
1	523	3844
2	348	2150
3	412	2540
4	699	3800
7	473	3833
11	579	3847





Daily Vehicle Trips Linear Regression Datasets - Sites 2000m^2 to 10000m^2

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - Daily - LINEAR REGRESSION 1

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4691	5142
2	3133	3445
3	3713	3182
4	5123	4976
7	4628	6394
8	2210	4740
9	8509	9700
11	4786	4027
13	5045	4831
14	2844	5028
16	5332	4933
17	3633	5000
18	7202	9505

Wednesday/Thursday - Daily - LINEAR REGRESSION 2

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4691	200
2	3133	163
3	3713	119
4	5123	236
7	4628	279
8	2210	267
9	8509	576
11	4786	173
13	5045	226
14	2844	198
16	5332	217
17	3633	131
18	7202	493

Friday - Daily - LINEAR REGRESSION 1

	Friday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4155	5142
2	2871	3445
3	3237	3182
4	4459	4976
7	3416	6394
8	2475	4740
9	8155	9700
11	3978	4027
13	4369	4831
14	2906	5028
16	4607	4933
17	3580	5000
18	6626	9505

Friday - Daily - LINEAR REGRESSION 2

	Friday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4155	200
2	2871	163
3	3237	119
4	4459	236
7	3416	279
8	2475	267
9	8155	576
11	3978	173
13	4369	226
14	2906	198
16	4607	217
17	3580	131
18	6626	493

Saturday - Daily - LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4064	5142
2	2814	3445
3	2882	3182
4	4396	4976
7	4126	6394
8	2705	4740
9	8463	9700
11	4224	4027
13	4006	4831
14	2288	5028
16	5194	4933
17	3762	5000
18	6313	9505

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4064	200
2	2814	163
3	2882	119
4	4396	236
7	4126	279
8	2705	267
9	8463	576
11	4224	173
13	4006	226
14	2288	198
16	5194	217
17	3762	131
18	6313	493

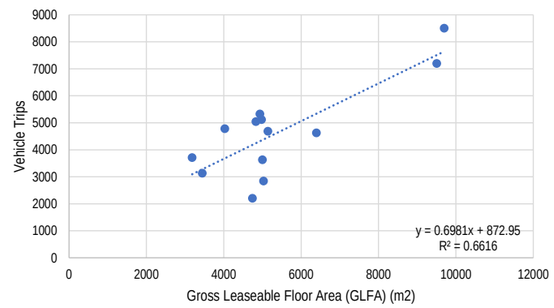
Sunday - Daily - LINEAR REGRESSION 1

	Sunday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	3920	5142
2	2107	3445
3	3040	3182
4	4702	4976
7	3491	6394
11	4004	4027

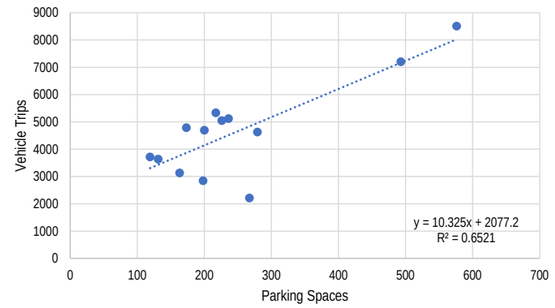
Sunday - Daily - LINEAR REGRESSION 2

	Sunday Daily	
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)
1	3920	3844
2	2107	2150
3	3040	2540
4	4702	3800
7	3491	3833
11	4004	3847

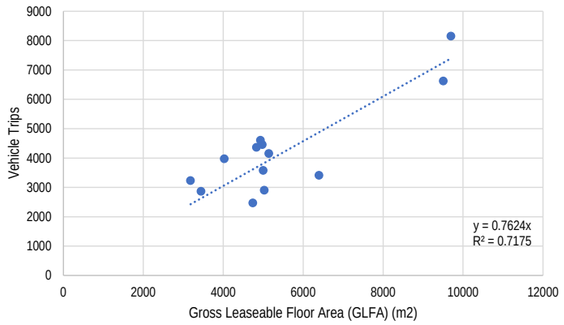
Wednesday/Thursday Daily - Linear Regression 1



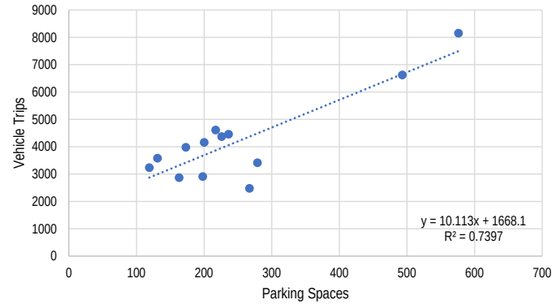
Wednesday/Thursday Daily - Linear Regression 2



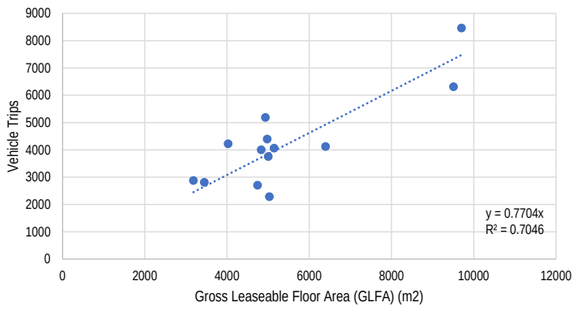
Friday Daily - Linear Regression 1



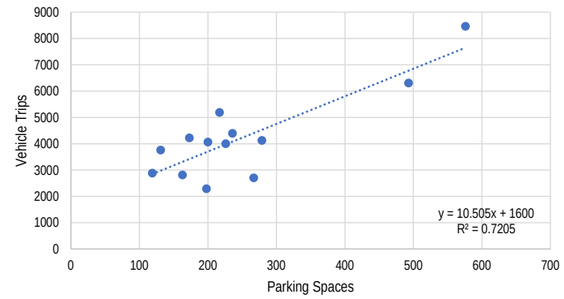
Friday Daily - Linear Regression 2



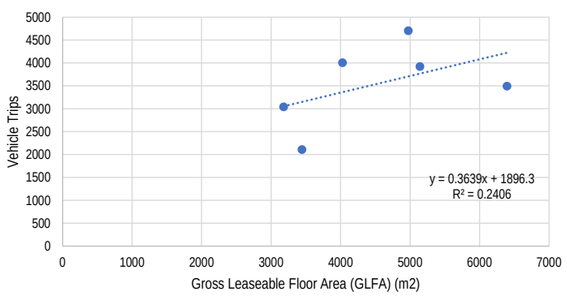
Saturday Daily - Linear Regression 1



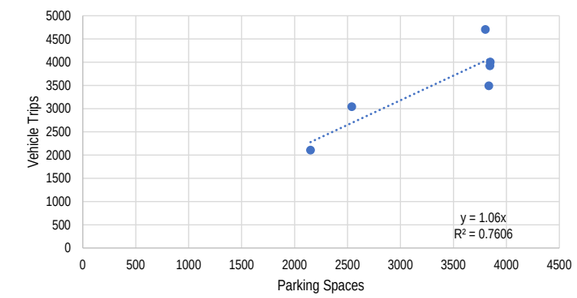
Saturday Daily- Linear Regression 2



Sunday Daily - Linear Regression 1



Sunday Daily - Linear Regression 2



Peak Period Person Trips Linear Regression Datasets - Sites 2000m^2 to 10000m^2

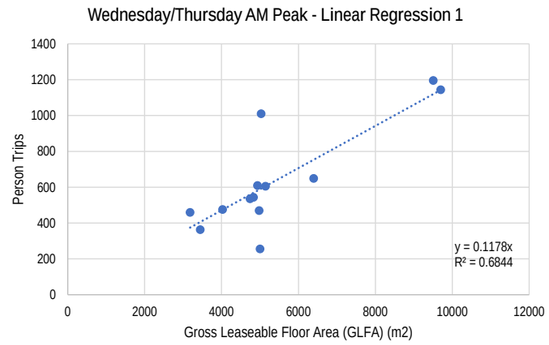
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

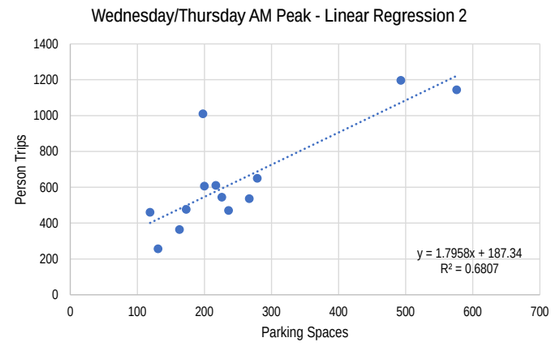
Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
1	606	5142
2	364	3445
3	460	3182
4	470	4976
7	650	6394
8	536	4740
9	1144	9700
11	476	4027
13	544	4831
14	1010	5028
16	610	4933
17	256	5000
18	1196	9505

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	Parking Spaces
1	606	200
2	364	163
3	460	119
4	470	236
7	650	279
8	536	267
9	1144	576
11	476	173
13	544	226
14	1010	198
16	610	217
17	256	131
18	1196	493



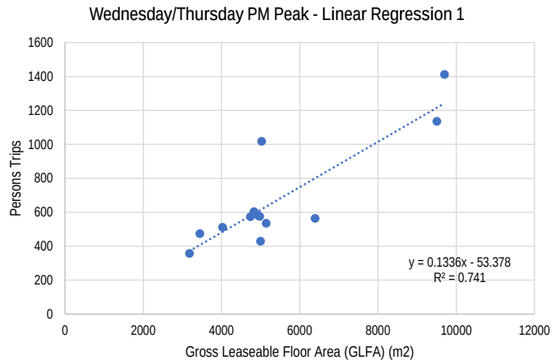


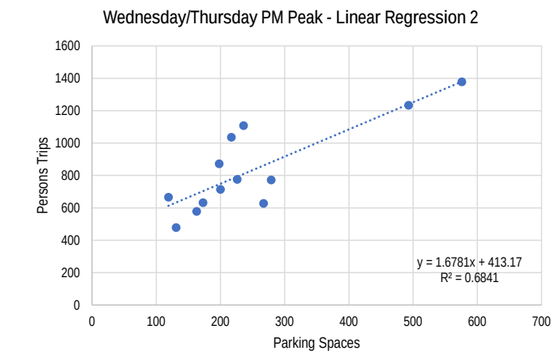
Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
1	714	5142
2	578	3445
3	666	3182
4	1108	4976
7	772	6394
8	628	4740
9	1378	9700
11	632	4027
13	776	4831
14	872	5028
16	1036	4933
17	478	5000
18	1234	9505

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	Parking Spaces
1	714	200
2	578	163
3	666	119
4	1108	236
7	772	279
8	628	267
9	1378	576
11	632	173
13	776	226
14	872	198
16	1036	217
17	478	131
18	1234	493



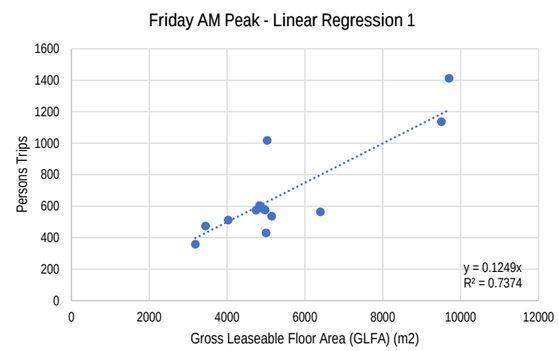


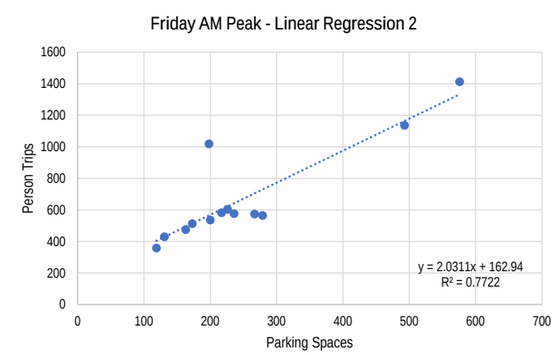
Friday - AM Peak - LINEAR REGRESSION 1

	Friday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
1	536	5142
2	474	3445
3	358	3182
4	576	4976
7	564	6394
8	574	4740
9	1412	9700
11	512	4027
13	604	4831
14	1018	5028
16	582	4933
17	430	5000
18	1136	9505

Friday - AM Peak - LINEAR REGRESSION 2

	Friday 1-hr AM Peak	
Site Number	AM Person Trips	Parking Spaces
1	536	200
2	474	163
3	358	119
4	576	236
7	564	279
8	574	267
9	1412	576
11	512	173
13	604	226
14	1018	198
16	582	217
17	430	131
18	1136	493





Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
1	642	5142
2	470	3445
3	448	3182
4	1136	4976
7	730	6394
8	594	4740
9	1334	9700
11	866	4027
13	916	4831
14	1006	5028
16	1058	4933
17	620	5000
18	1120	9505

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	Parking Spaces
1	642	200
2	470	163
3	448	119
4	1136	236
7	730	279
8	594	267
9	1334	576
11	866	173
13	916	226
14	1006	198
16	1058	217
17	620	131
18	1120	493

Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Person Trips	GLFA (m2)
1	760	5142
2	684	3445
3	610	3182
4	984	4976
7	1072	6394
8	874	4740
9	1942	9700
11	950	4027
13	828	4831
14	908	5028
16	1146	4933
17	560	5000
18	1370	9505

Saturday - Peak - LINEAR REGRESSION 2

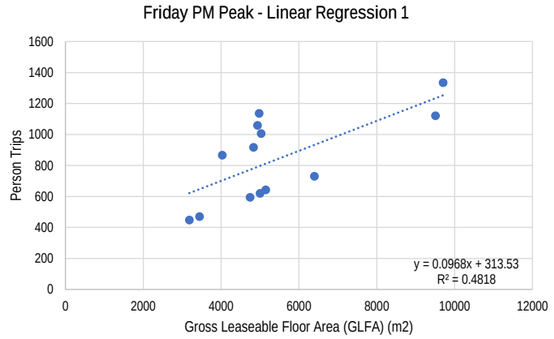
	Saturday 1-hr Peak	
Site Number	Peak Person Trips	Parking Spaces
1	760	200
2	684	163
3	610	119
4	984	236
7	1072	279
8	874	267
9	1942	576
11	950	173
13	828	226
14	908	198
16	1146	217
17	560	131
18	1370	493

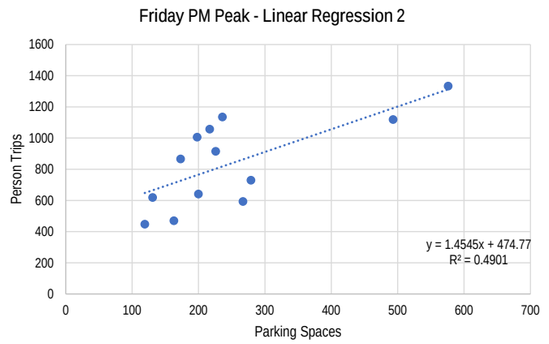
Sunday - Peak - LINEAR REGRESSION 1

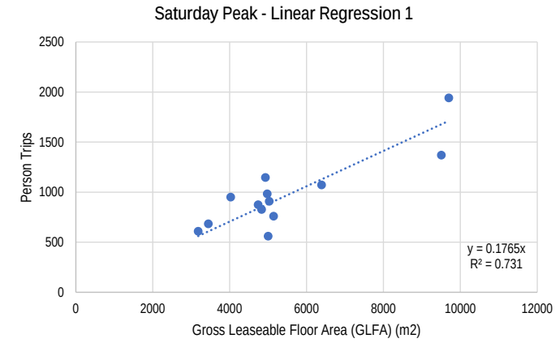
	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	Parking Spaces
1	736	200
2	582	163
3	640	119
4	1172	236
7	714	279
11	1046	173

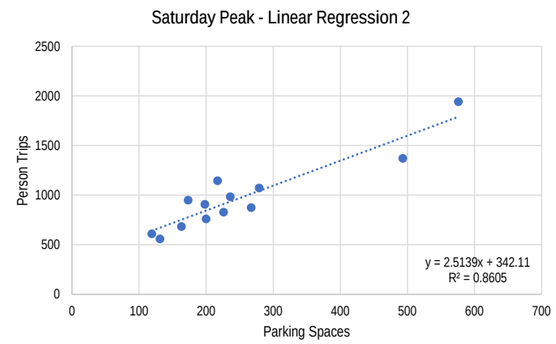
Sunday - Peak - LINEAR REGRESSION 2

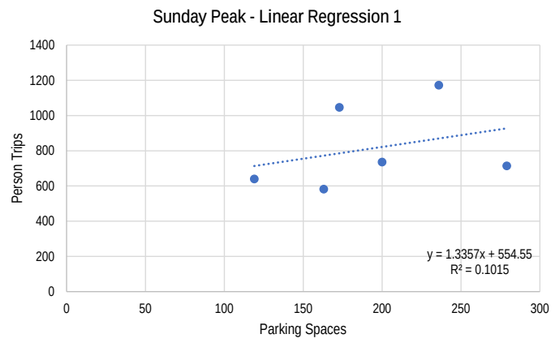
	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	Major Tenant GLFA (m2)
1	736	3844
2	582	2150
3	640	2540
4	1172	3800
7	714	3833
11	1046	3847

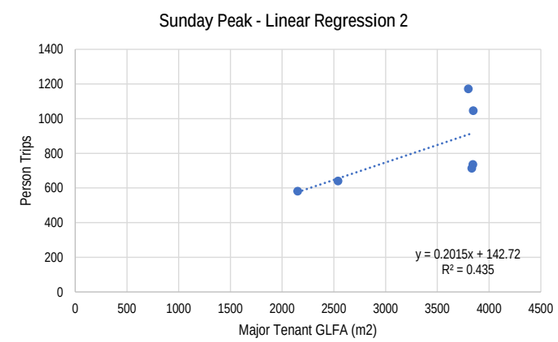












Daily Person Trips Linear Regression Datasets - Sites 2000m^2 to 10000m^2

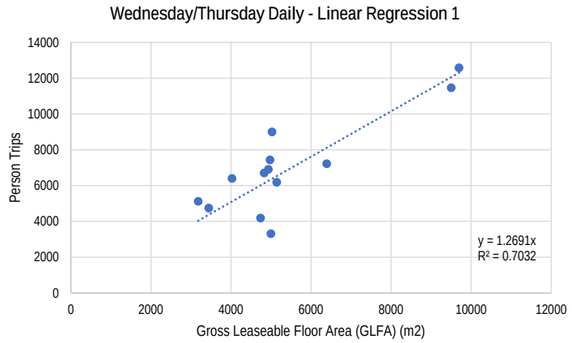
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

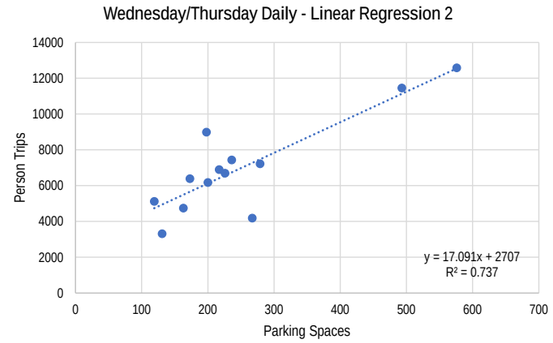
Wednesday/Thursday - Daily - LINEAR REGRESSION 1

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	6180	5142
2	4746	3445
3	5120	3182
4	7436	4976
7	7222	6394
8	4184	4740
9	12580	9700
11	6392	4027
13	6696	4831
14	8992	5028
16	6900	4933
17	3310	5000
18	11458	9505

Wednesday/Thursday - Daily - LINEAR REGRESSION 2

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	6180	200
2	4746	163
3	5120	119
4	7436	236
7	7222	279
8	4184	267
9	12580	576
11	6392	173
13	6696	226
14	8992	198
16	6900	217
17	3310	131
18	11458	493



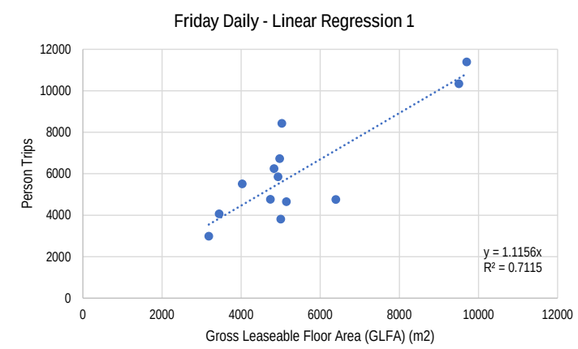


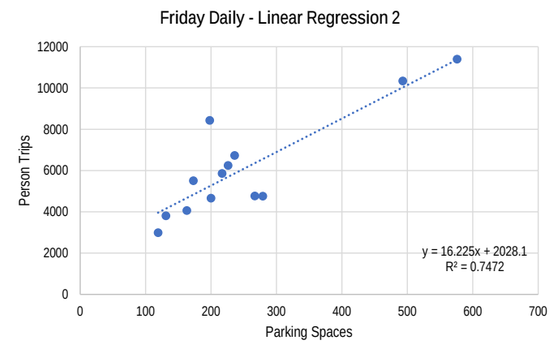
Friday - Daily - LINEAR REGRESSION 1

	Friday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	4658	5142
2	4066	3445
3	2992	3182
4	6730	4976
7	4758	6394
8	4766	4740
9	11392	9700
11	5510	4027
13	6246	4831
14	8428	5028
16	5858	4933
17	3810	5000
18	10338	9505

Friday - Daily - LINEAR REGRESSION 2

	Friday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	4658	200
2	4066	163
3	2992	119
4	6730	236
7	4758	279
8	4766	267
9	11392	576
11	5510	173
13	6246	226
14	8428	198
16	5858	217
17	3810	131
18	10338	493



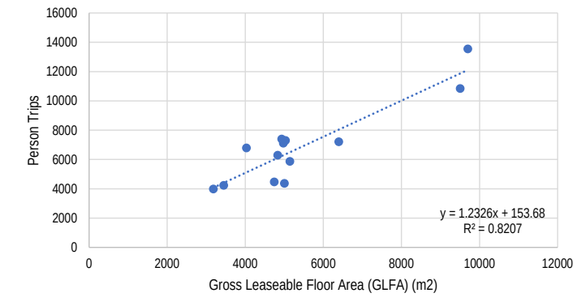


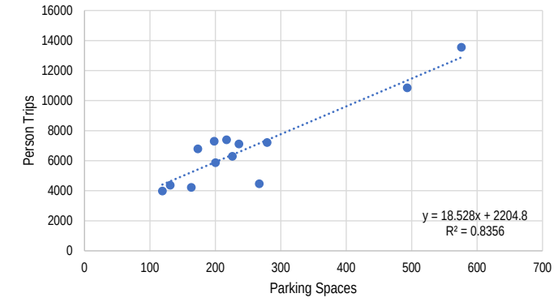
Saturday - Daily - LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	5870	5142
2	4228	3445
3	3982	3182
4	7108	4976
7	7208	6394
8	4468	4740
9	13546	9700
11	6790	4027
13	6290	4831
14	7292	5028
16	7396	4933
17	4372	5000
18	10846	9505

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	5870	200
2	4228	163
3	3982	119
4	7108	236
7	7208	279
8	4468	267
9	13546	576
11	6790	173
13	6290	226
14	7292	198
16	7396	217
17	4372	131
18	10846	493



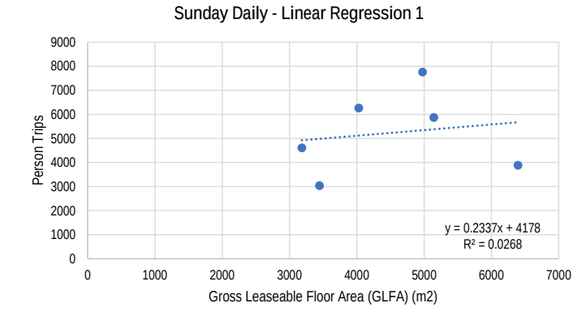


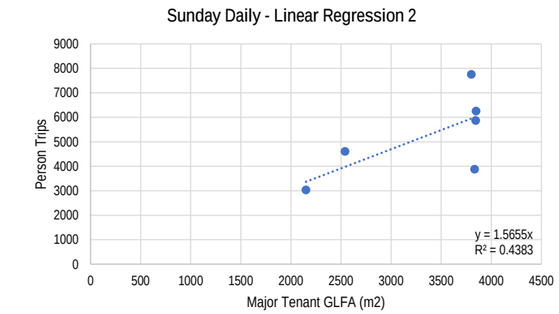
Sunday - Daily - LINEAR REGRESSION 1

	Sunday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	5872	5142
2	3038	3445
3	4608	3182
4	7760	4976
7	3880	6394
11	6258	4027

Sunday - Daily - LINEAR REGRESSION 2

	Sunday Daily	
Site Number	Daily Person Trips	Major Tenant GLFA (m2)
1	5872	3844
2	3038	2150
3	4608	2540
4	7760	3800
7	3880	3833
11	6258	3847





Peak Period Vehicle Trips Linear Regression Datasets - Sites less than 2000m^2

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
5	209	991
6	204	991
10	226	1452
12	189	991
15	100	991
19	233	1411
20	162	660

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)
5	209	991
6	204	991
10	226	1452
12	189	991
15	100	991
19	233	1199
20	162	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
5	215	991
6	221	991
10	357	1452
12	234	991
15	150	991
19	309	1411
20	208	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

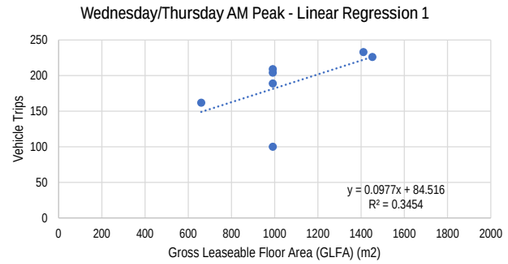
	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Avg Weekday Staff Numbers
5	215	8
6	221	8
10	357	30
12	234	9
15	150	8
19	309	34
20	208	20

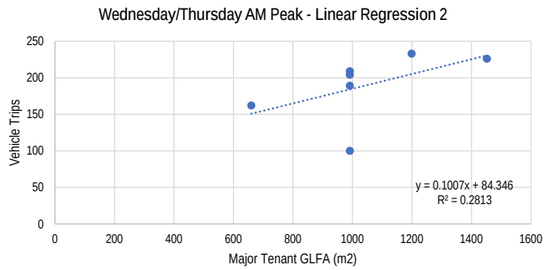
Friday - AM Peak - LINEAR REGRESSION 1

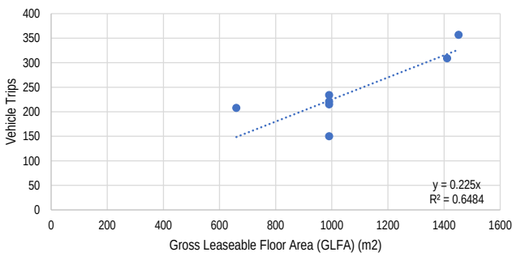
	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
5	197	991
6	213	991
10	240	1452
12	178	991
15	98	991
19	259	1411
20	205	660

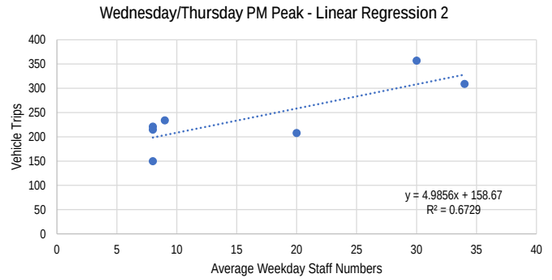
Friday - AM Peak - LINEAR REGRESSION 2

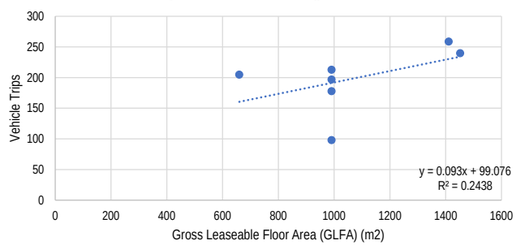
	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Avg Weekday Staff Numbers
5	197	8
6	213	8
10	240	30
12	178	9
15	98	8
19	259	34
20	205	20

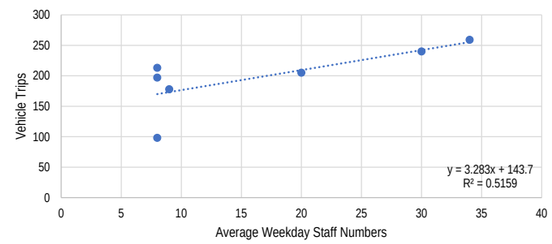












Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
5	225	991
6	195	991
10	356	1452
12	242	991
15	161	991
19	350	1411
20	198	660

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Avg Weekday Staff Numbers
5	225	8
6	195	8
10	356	30
12	242	9
15	161	8
19	350	34
20	198	20

Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	GLFA (m2)
5	290	991
6	289	991
10	383	1452
12	278	991
15	160	991
19	344	1411
20	181	660

Saturday - Peak - LINEAR REGRESSION 2

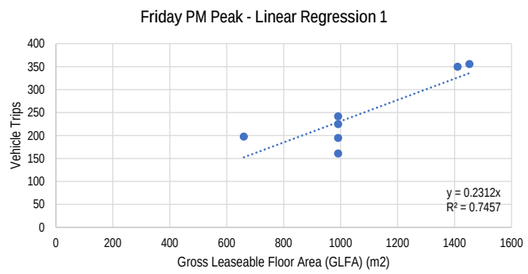
	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)
5	290	991
6	289	991
10	383	1452
12	278	991
15	160	991
19	344	1199
20	181	660

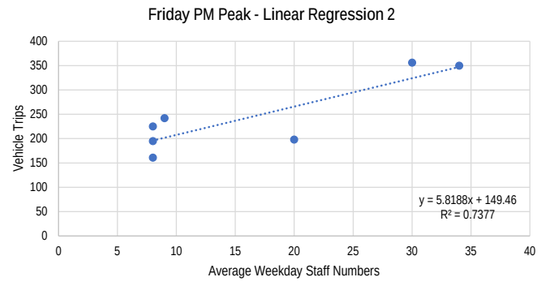
Sunday - Peak - LINEAR REGRESSION 1

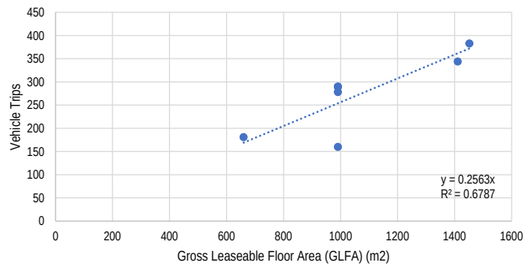
	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
6	374	84
12	281	89
15	149	73
19	360	93

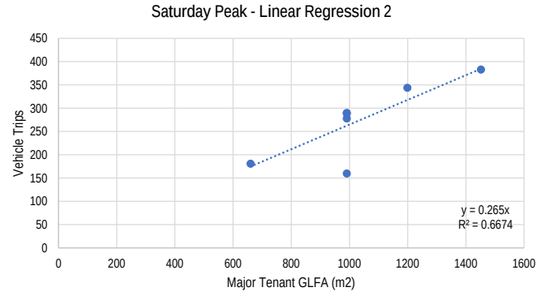
Sunday - Peak - LINEAR REGRESSION 2

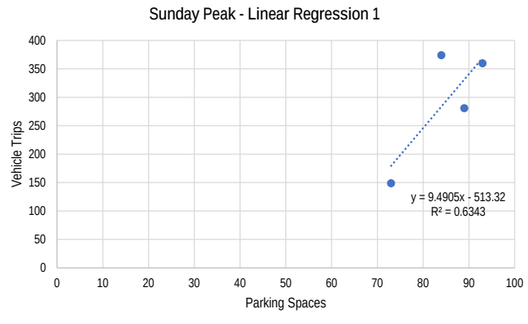
	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	Avg Weekend Staff Numbers
6	374	8
12	281	9
15	149	8
19	360	34

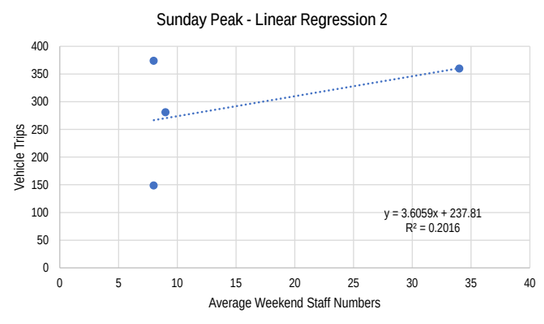












Daily Vehicle Trips Linear Regression Datasets - Sites less than 2000m^2

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - Daily - LINEAR REGRESSION 1

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
5	2080	991
6	1931	991
10	2592	1452
12	1873	991
15	1076	991
19	2409	1411
20	1605	660

Wednesday/Thursday - Daily - LINEAR REGRESSION 2

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Avg Weekday Staff Numbers
5	2080	8
6	1931	8
10	2592	30
12	1873	9
15	1076	8
19	2409	34
20	1605	20

Wednesday/Thursday - Daily - LINEAR REGRESSION 3

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)
5	2080	991
6	1931	991
10	2592	1452
12	1873	991
15	1076	991
19	2409	1199
20	1605	660

Friday - Daily - LINEAR REGRESSION 1

	Friday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
5	1795	991
6	1561	991
10	2604	1452
12	1685	991
15	985	991
19	2482	1411
20	1557	660

Friday - Daily - LINEAR REGRESSION 2

	Friday Daily	
Site Number	Daily Vehicle Trips	Avg Weekday Staff Numbers
5	1795	8
6	1561	8
10	2604	30
12	1685	9
15	985	8
19	2482	34
20	1557	20

Saturday - Daily- LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
5	1996	991
6	2040	991
10	2363	1452
12	1776	991
15	1149	991
19	2461	1411
20	1231	660

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Vehicle Trips	Avg Weekend Staff Numbers
5	1996	8
6	2040	8
10	2363	30
12	1776	9
15	1149	8
19	2461	34
20	1231	15

Sunday - Daily - LINEAR REGRESSION 1

	Sunday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
6	1984	991
12	1701	991
15	997	991
19	2607	1411

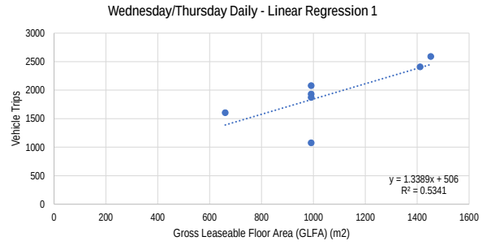
Sunday - Daily - LINEAR REGRESSION 2

	Sunday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
6	1984	84
12	1701	89
15	997	73
19	2607	93

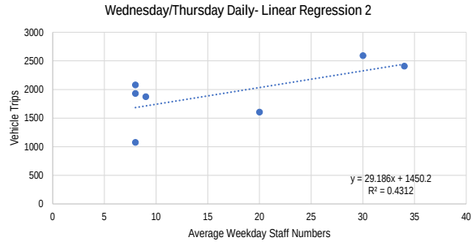
Sunday - Daily - LINEAR REGRESSION 3

	Sunday Daily	
Site Number	Daily Vehicle Trips	Avg Weekend Staff Numbers
6	1984	8
12	1701	9
15	997	8
19	2607	34

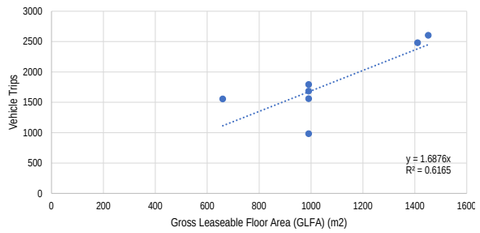
Wednesday/Thursday Daily - Linear Regression 1



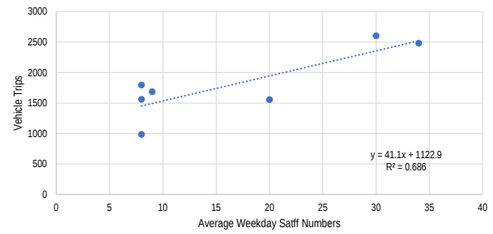
Wednesday/Thursday Daily- Linear Regression 2



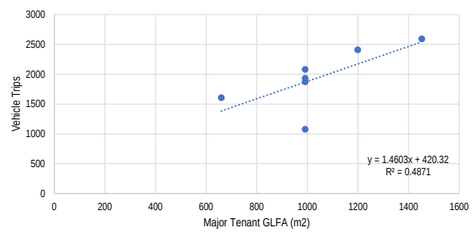
Friday Daily - Linear Regression 1



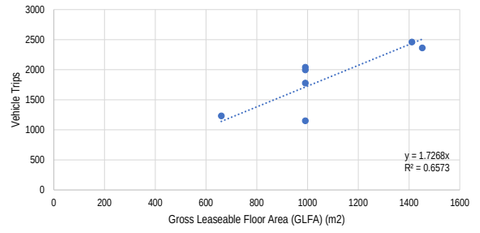
Friday Daily - Linear Regression 2



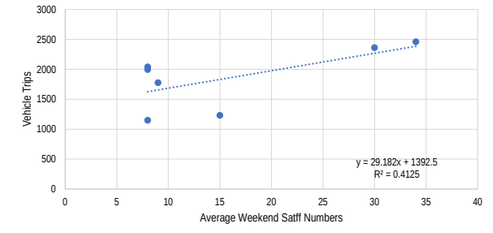
Wednesday/Thursday Daily - Linear Regression 3



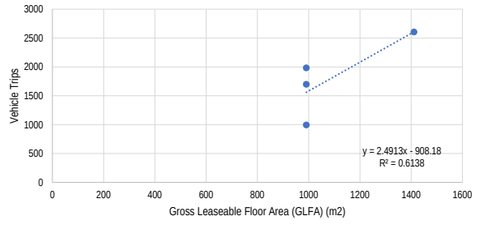
Saturday Daily - Linear Regression 1



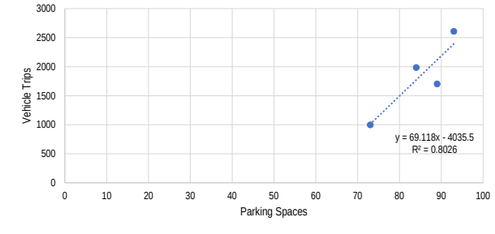
Saturday Daily - Linear Regression 2



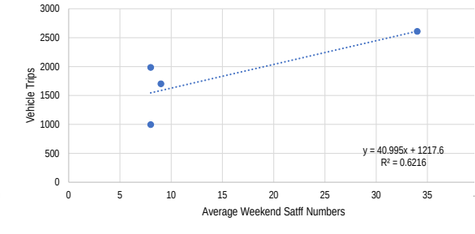
Sunday Daily - Linear Regression 1



Sunday Daily - Linear Regression 2



Sunday Daily - Linear Regression 3



Peak Period Person Trips Linear Regression Datasets - Sites less than 2000m^2

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
5	328	991
6	266	991
10	302	1452
12	256	991
15	136	991
19	276	1411
20	196	660

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	Major Tenant GLFA (m2)
5	328	991
6	266	991
10	302	1452
12	256	991
15	136	991
19	276	1199
20	196	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
5	444	991
6	286	991
10	550	1452
12	278	991
15	242	991
19	398	1411
20	248	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

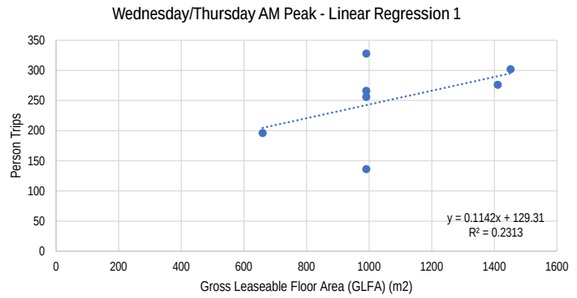
	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	Major Tenant GLFA (m2)
5	444	991
6	286	991
10	550	1452
12	278	991
15	242	991
19	398	1199
20	248	660

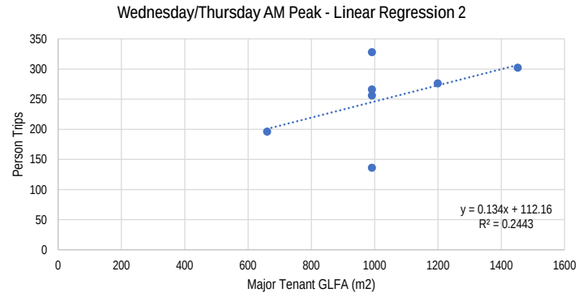
Friday - AM Peak - LINEAR REGRESSION 1

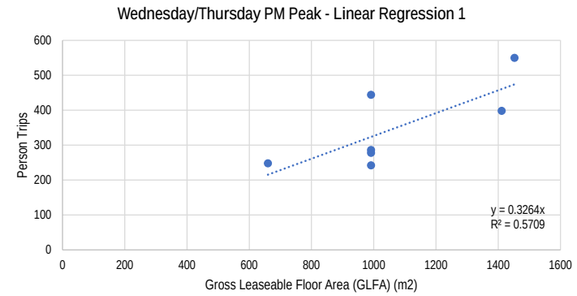
	Friday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
5	278	991
6	276	991
10	364	1452
12	244	991
15	108	991
19	354	1411
20	212	660

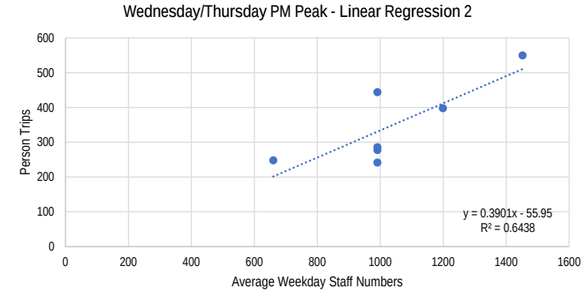
Friday - AM Peak - LINEAR REGRESSION 2

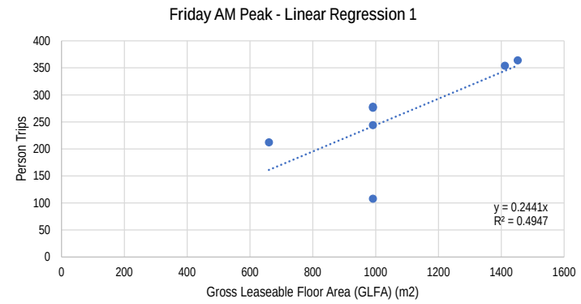
	Friday 1-hr AM Peak	
Site Number	AM Person Trips	Avg Weekday Staff Numbers
5	278	8
6	276	8
10	364	30
12	244	9
15	108	8
19	354	34
20	212	20

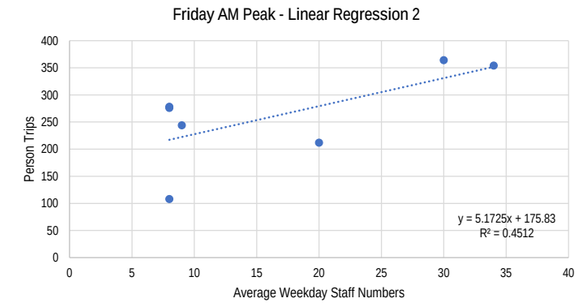












Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
5	336	991
6	286	991
10	630	1452
12	332	991
15	226	991
19	524	1411
20	280	660

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	Avg Weekday Staff Numbers
5	336	8
6	286	8
10	630	30
12	332	9
15	226	8
19	524	34
20	280	20

Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Person Trips	GLFA (m2)
5	482	991
6	468	991
10	644	1452
12	384	991
15	296	991
19	562	1411
20	194	660

Saturday - Peak - LINEAR REGRESSION 2

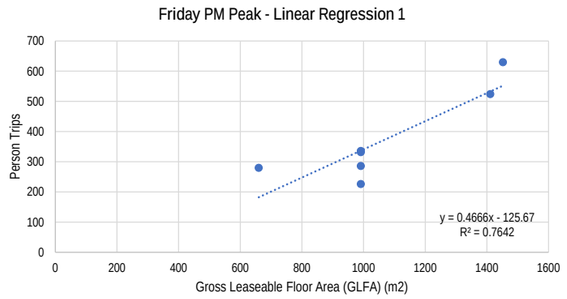
	Saturday 1-hr Peak	
Site Number	Peak Person Trips	Major Tenant GLFA (m2)
5	482	991
6	468	991
10	644	1452
12	384	991
15	296	991
19	562	1199
20	194	660

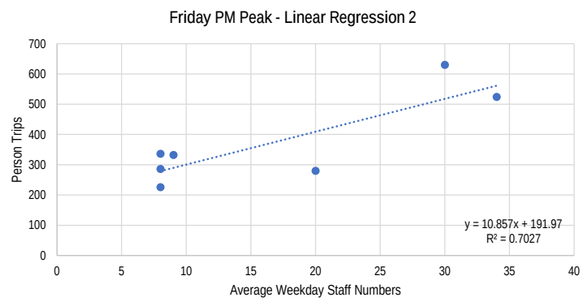
Sunday - Peak - LINEAR REGRESSION 1

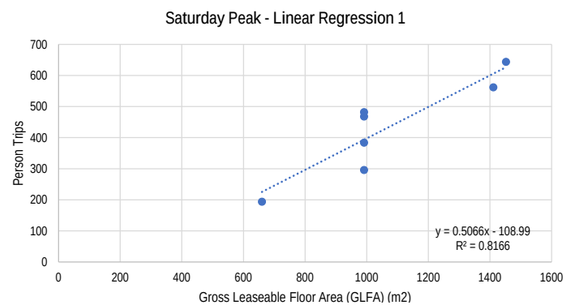
	Sunday 1-hr Peak	
Site Number	Peak Person Trips	GLFA (m2)
6	884	991
12	446	991
15	330	991
19	600	1411

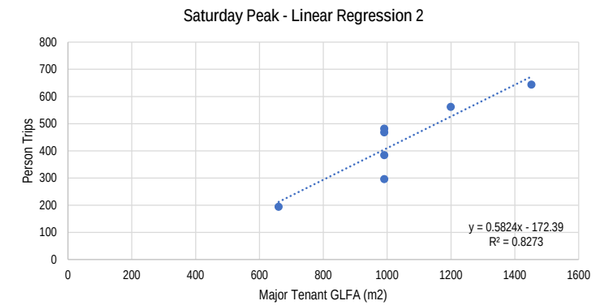
Sunday - Peak - LINEAR REGRESSION 2

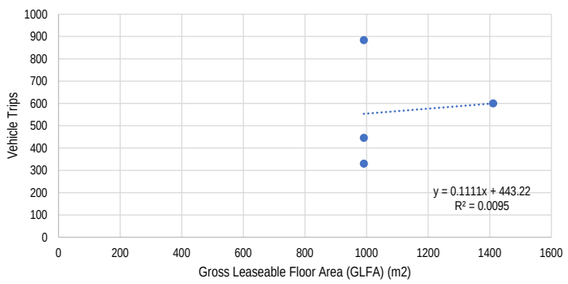
	Sunday 1-hr Peak	
Site Number	Peak Person Trips	Parking Spaces
6	884	84
12	446	89
15	330	73
19	600	93

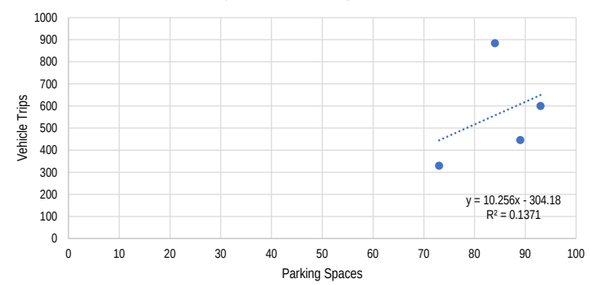












Daily Person Trips Linear Regression Datasets - Sites less than 2000m^2

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - Daily - LINEAR REGRESSION 1

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	GLFA (m2)
5	3080	991
6	2798	991
10	4084	1452
12	2590	991
15	1800	991
19	3076	1411
20	1850	660

Wednesday/Thursday - Daily - LINEAR REGRESSION 2

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	Major Tenant GLFA (m2)
5	3080	991
6	2798	991
10	4084	1452
12	2590	991
15	1800	991
19	3076	1199
20	1850	660

Friday - Daily - LINEAR REGRESSION 1

	Friday Daily	
Site Number	Daily Person Trips	GLFA (m2)
5	2636	991
6	2176	991
10	3738	1452
12	2342	991
15	1448	991
19	3654	1411
20	1804	660

Friday - Daily - LINEAR REGRESSION 2

	Friday Daily	
Site Number	Daily Person Trips	Major Tenant GLFA (m2)
5	2636	991
6	2176	991
10	3738	1452
12	2342	991
15	1448	991
19	3654	1199
20	1804	660

Saturday - Daily- LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Person Trips	GLFA (m2)
5	3370	991
6	3394	991
10	3852	1452
12	2772	991
15	1782	991
19	3890	1411
20	1424	660

Saturday - Daily - LINEAR REGRESSION 2

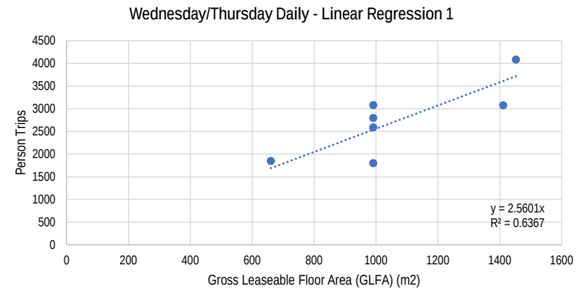
	Saturday Daily	
Site Number	Daily Person Trips	Major Tenant GLFA (m2)
5	3370	991
6	3394	991
10	3852	1452
12	2772	991
15	1782	991
19	3890	1199
20	1424	660

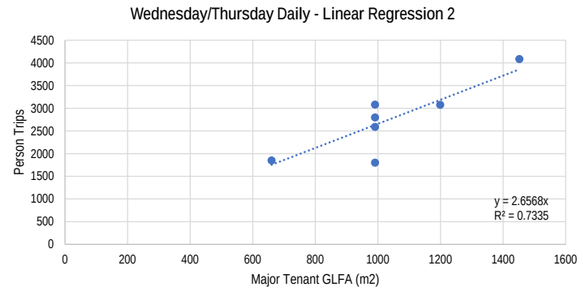
Sunday - Daily - LINEAR REGRESSION 1

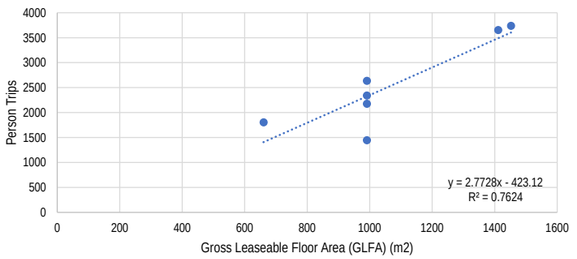
	Sunday Daily	
Site Number	Daily Person Trips	GLFA (m2)
6	1984	991
12	1701	991
15	997	991
19	2607	1411

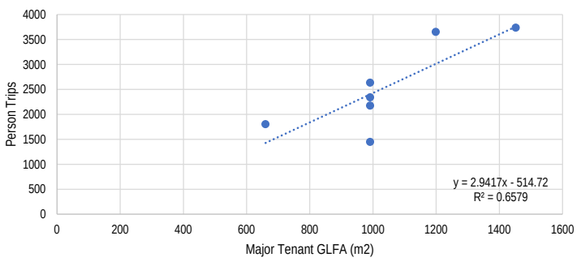
Sunday - Daily - LINEAR REGRESSION 2

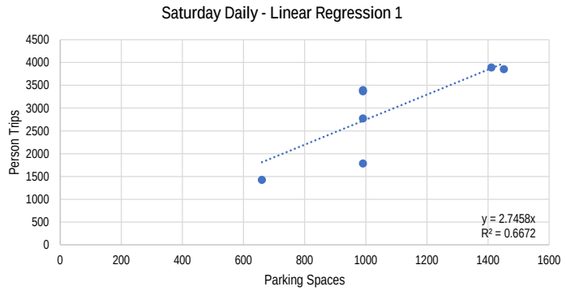
	Sunday Daily	
Site Number	Daily Person Trips	Parking Spaces
6	1984	84
12	1701	89
15	997	73
19	2607	93

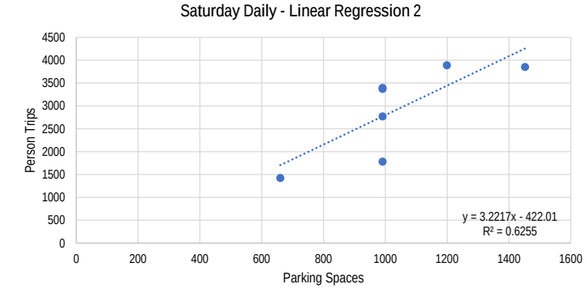


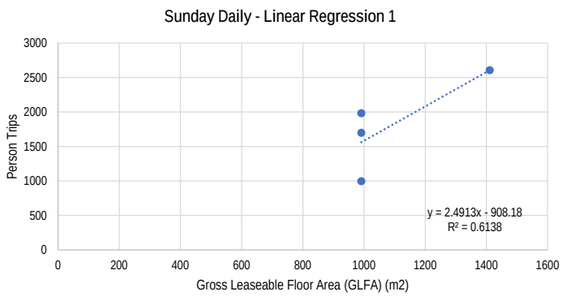


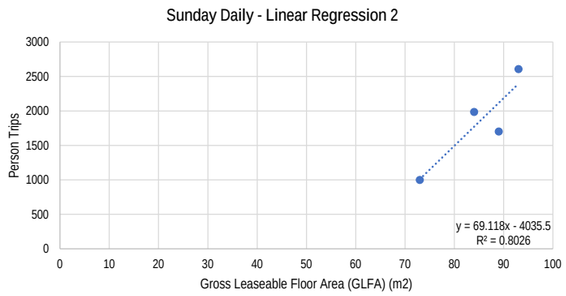












APPENDIX C

MULTIPLE LINEAR REGRESSION SCENARIOS

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Parking Spaces
1	428	5142	200
2	284	3445	163
3	310	3182	119
4	353	4976	236
5	209	991	97
6	204	991	84
7	372	6394	279
8	315	4740	267
9	781	9700	576
10	226	1452	109
11	353	4027	173
12	189	991	89
13	445	4831	226
14	311	5028	198
15	100	991	73
16	451	4933	217
17	296	5000	131
18	740	9505	493
19	233	3920	93
20	162	660	174

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	428	5142	70
2	284	3445	78.5
3	310	3182	84.5
4	353	4976	85
5	209	991	8
6	204	991	8
7	372	6394	122.5
8	315	4740	51.5
9	781	9700	176
10	226	1452	30
11	353	4027	40
12	189	991	9
13	445	4831	108.5
14	311	5028	105.5
15	100	991	8
16	451	4933	197.5
17	296	5000	100
18	740	9505	198
19	233	3920	34
20	162	660	20

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr AM Peak			
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	428	3844	1298	70
2	284	2150	1295	78.5
3	310	2540	642	84.5
4	353	3800	1176	85
7	372	3833	2561	122.5
8	315	4331	409	51.5
9	781	4277	5423	176
11	353	3847	180	40
13	445	3500	1331	108.5
14	311	3084	1944	105.5
16	451	3633	1300	197.5
17	296	3013	1987	100
18	740	5743	3762	198
19	233	3500	420	34

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	428	3844	1298
2	284	2150	1295
3	310	2540	642
4	353	3800	1176
7	372	3833	2561
8	315	4331	409
9	781	4277	5423
11	353	3847	180
13	445	3500	1331
14	311	3084	1944
16	451	3633	1300
17	296	3013	1987
18	740	5743	3762
19	233	3500	420

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	428	3844	70
2	284	2150	78.5
3	310	2540	84.5
4	353	3800	85
5	209	991	8
6	204	991	8
7	372	3833	122.5
8	315	4331	51.5
9	781	4277	176
10	226	1452	30
11	353	3847	40
12	189	991	9
13	445	3500	108.5
14	311	3084	105.5
15	100	991	8
16	451	3633	197.5
17	296	3013	100
18	740	5743	198
19	233	3500	34
20	162	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Parking Spaces
1	526	5142	200
2	340	3445	163
3	459	3182	119
4	739	4976	236
5	215	991	97
6	221	991	84
7	479	6394	279
8	327	4740	267
9	945	9700	576
10	357	1452	109
11	510	4027	173
12	234	991	89
13	565	4831	226
14	293	5028	198
15	150	991	73
16	739	4933	217
17	459	5000	131
18	711	9505	493
19	309	3920	93
20	208	660	174

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	526	5142	70
2	340	3445	78.5
3	459	3182	84.5
4	739	4976	85
5	215	991	8
6	221	991	8
7	479	6394	122.5
8	327	4740	51.5
9	945	9700	176
10	357	1452	30
11	510	4027	40
12	234	991	9
13	565	4831	108.5
14	293	5028	105.5
15	150	991	8
16	739	4933	197.5
17	459	5000	100
18	711	9505	198
19	309	3920	34
20	208	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr PM Peak			
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	526	3844	1298	70
2	340	2150	1295	78.5
3	459	2540	642	84.5
4	739	3800	1176	85
7	479	3833	2561	122.5
8	327	4331	409	51.5
9	945	4277	5423	176
11	510	3847	180	40
13	565	3500	1331	108.5
14	293	3084	1944	105.5
16	739	3633	1300	197.5
17	459	3013	1987	100
18	711	5743	3762	198
19	309	3500	420	34

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	526	3844	1298
2	340	2150	1295
3	459	2540	642
4	739	3800	1176
7	479	3833	2561
8	327	4331	409
9	945	4277	5423
11	510	3847	180
13	565	3500	1331
14	293	3084	1944
16	739	3633	1300
17	459	3013	1987
18	711	5743	3762
19	309	3500	420

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	526	3844	70
2	340	2150	78.5
3	459	2540	84.5
4	739	3800	85
5	215	991	8
6	221	991	8
7	479	3833	122.5
8	327	4331	51.5
9	945	4277	176
10	357	1452	30
11	510	3847	40
12	234	991	9
13	565	3500	108.5
14	293	3084	105.5
15	150	991	8
16	739	3633	197.5
17	459	3013	100
18	711	5743	198
19	309	3500	34
20	208	660	20

Friday - AM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Parking Spaces
1	413	5142	200
2	346	3445	163
3	279	3182	119
4	412	4976	236
5	197	991	97
6	213	991	84
7	363	6394	279
8	301	4740	267
9	1046	9700	576
10	240	1452	109
11	376	4027	173
12	178	991	89
13	476	4831	226
14	324	5028	198
15	98	991	73
16	489	4933	217
17	385	5000	131
18	775	9505	493
19	259	3920	93
20	205	660	174

Friday - AM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	413	5142	70
2	346	3445	78.5
3	279	3182	84.5
4	412	4976	85
5	197	991	8
6	213	991	8
7	363	6394	122.5
8	301	4740	51.5
9	1046	9700	176
10	240	1452	30
11	376	4027	40
12	178	991	9
13	476	4831	108.5
14	324	5028	105.5
15	98	991	8
16	489	4933	197.5
17	385	5000	100
18	775	9505	198
19	259	3920	34
20	205	660	20

Friday - AM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr AM Peak			
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	413	3844	1298	70
2	346	2150	1295	78.5
3	279	2540	642	84.5
4	412	3800	1176	85
7	363	3833	2561	122.5
8	301	4331	409	51.5
9	1046	4277	5423	176
11	376	3847	180	40
13	476	3500	1331	108.5
14	324	3084	1944	105.5
16	489	3633	1300	197.5
17	385	3013	1987	100
18	775	5743	3762	198
19	259	3500	420	34

Friday - AM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	413	3844	1298
2	346	2150	1295
3	279	2540	642
4	412	3800	1176
7	363	3833	2561
8	301	4331	409
9	1046	4277	5423
11	376	3847	180
13	476	3500	1331
14	324	3084	1944
16	489	3633	1300
17	385	3013	1987
18	775	5743	3762
19	259	3500	420

Friday - AM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	413	3844	70
2	346	2150	78.5
3	279	2540	84.5
4	412	3800	85
5	197	991	8
6	213	991	8
7	363	3833	122.5
8	301	4331	51.5
9	1046	4277	176
10	240	1452	30
11	376	3847	40
12	178	991	9
13	476	3500	108.5
14	324	3084	105.5
15	98	991	8
16	489	3633	197.5
17	385	3013	100
18	775	5743	198
19	259	3500	34
20	205	660	20

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Friday - PM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Parking Spaces
1	491	5142	200
2	322	3445	163
3	418	3182	119
4	771	4976	236
5	225	991	97
6	195	991	84
7	421	6394	279
8	337	4740	267
9	990	9700	576
10	356	1452	109
11	600	4027	173
12	242	991	89
13	594	4831	226
14	329	5028	198
15	161	991	73
16	811	4933	217
17	490	5000	131
18	744	9505	493
19	350	3920	93
20	198	660	174

Friday - PM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	491	5142	70
2	322	3445	78.5
3	418	3182	84.5
4	771	4976	85
5	225	991	8
6	195	991	8
7	421	6394	122.5
8	337	4740	51.5
9	990	9700	176
10	356	1452	30
11	600	4027	40
12	242	991	9
13	594	4831	108.5
14	329	5028	105.5
15	161	991	8
16	811	4933	197.5
17	490	5000	100
18	744	9505	198
19	350	3920	34
20	198	660	20

Friday - PM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr PM Peak			
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	491	3844	1298	70
2	322	2150	1295	78.5
3	418	2540	642	84.5
4	771	3800	1176	85
7	421	3833	2561	122.5
8	337	4331	409	51.5
9	990	4277	5423	176
11	600	3847	180	40
13	594	3500	1331	108.5
14	329	3084	1944	105.5
16	811	3633	1300	197.5
17	490	3013	1987	100
18	744	5743	3762	198
19	350	3500	420	34

Friday - PM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	491	3844	1298
2	322	2150	1295
3	418	2540	642
4	771	3800	1176
7	421	3833	2561
8	337	4331	409
9	990	4277	5423
11	600	3847	180
13	594	3500	1331
14	329	3084	1944
16	811	3633	1300
17	490	3013	1987
18	744	5743	3762
19	350	3500	420

Friday - PM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	491	3844	70
2	322	2150	78.5
3	418	2540	84.5
4	771	3800	85
5	225	991	8
6	195	991	8
7	421	3833	122.5
8	337	4331	51.5
9	990	4277	176
10	356	1452	30
11	600	3847	40
12	242	991	9
13	594	3500	108.5
14	329	3084	105.5
15	161	991	8
16	811	3633	197.5
17	490	3013	100
18	744	5743	198
19	350	3500	34
20	198	660	20

Saturday - Peak - MULTIPLE REGRESSION 1

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trip	GLFA (m2)	Parking Spaces
1	521	5142	200
2	409	3445	163
3	412	3182	119
4	602	4976	236
5	290	991	97
6	289	991	84
7	578	6394	279
8	484	4740	267
9	1238	9700	576
10	383	1452	109
11	588	4027	173
12	278	991	89
13	564	4831	226
14	289	5028	198
15	160	991	73
16	750	4933	217
17	480	5000	131
18	809	9505	493
19	344	3920	93
20	181	660	174

Saturday - Peak - MULTIPLE REGRESSION 2

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trip	GLFA (m2)	Avg Weekend Staff Numbers
1	521	5142	63
2	409	3445	71.65
3	412	3182	90.05
4	602	4976	90.5
5	290	991	8
6	289	991	8
7	578	6394	124.25
8	484	4740	49.85
9	1238	9700	140
10	383	1452	30
11	588	4027	50
12	278	991	9
13	564	4831	100.65
14	289	5028	98.45
15	160	991	8
16	750	4933	219.75
17	480	5000	100
18	809	9505	184.2
19	344	3920	34
20	181	660	15

Saturday - Peak - MULTIPLE REGRESSION 3

	Saturday 1-hr Peak			
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	521	3844	1298	63
2	409	2150	1295	71.65
3	412	2540	642	90.05
4	602	3800	1176	90.5
7	578	3833	2561	124.25
8	484	4331	409	49.85
9	1238	4277	5423	140
11	588	3847	180	50
13	564	3500	1331	100.65
14	289	3084	1944	98.45
16	750	3633	1300	219.75
17	480	3013	1987	100
18	809	5743	3762	184.2
19	344	3500	420	34

Saturday - Peak - MULTIPLE REGRESSION 4

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	521	3844	1298
2	409	2150	1295
3	412	2540	642
4	602	3800	1176
7	578	3833	2561
8	484	4331	409
9	1238	4277	5423
11	588	3847	180
13	564	3500	1331
14	289	3084	1944
16	750	3633	1300
17	480	3013	1987
18	809	5743	3762
19	344	3500	420

Saturday - Peak - MULTIPLE REGRESSION 5

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	521	3844	63
2	409	2150	71.65
3	412	2540	90.05
4	602	3800	90.5
5	290	991	8
6	289	991	8
7	578	3833	124.25
8	484	4331	49.85
9	1238	4277	140
10	383	1452	30
11	588	3847	50
12	278	991	9
13	564	3500	100.65
14	289	3084	98.45
15	160	991	8
16	750	3633	219.75
17	480	3013	100
18	809	5743	184.2
19	344	3500	34
20	181	660	15

Sunday - Peak - MULTIPLE REGRESSION 1

	Sunday 1-hr Peak		
Site Number	Peak Vehicle Trip	GLFA (m2)	Parking Spaces
1	523	5142	200
2	348	3445	163
3	412	3182	119
4	699	4976	236
6	374	991	84
7	473	6394	279
11	579	4027	173
12	281	991	89
15	149	991	73
19	360	3920	93

Sunday - Peak - MULTIPLE REGRESSION 2

	Sunday 1-hr Peak		
Site Number	Peak Vehicle Trip	GLFA (m2)	Avg Weekend Staff Numbers
1	523	5142	63
2	348	3445	71.65
3	412	3182	90.05
4	699	4976	90.5
6	374	991	8
7	473	6394	124.25
11	579	4027	50
12	281	991	9
15	149	991	8
19	360	3920	34

Sunday - Peak - MULTIPLE REGRESSION 3

	Sunday 1-hr Peak			
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	523	3844	1298	63
2	348	2150	1295	71.65
3	412	2540	642	90.05
4	699	3800	1176	90.5
7	473	3833	2561	124.25
11	579	3847	180	50
19	360	3500	420	34

Sunday - Peak - MULTIPLE REGRESSION 4

	Sunday 1-hr AM Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	523	3844	1298
2	348	2150	1295
3	412	2540	642
4	699	3800	1176
7	473	3833	2561
11	579	3847	180
19	360	3500	420

Sunday - Peak - MULTIPLE REGRESSION 5

	Sunday 1-hr AM Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	523	3844	63
2	348	2150	71.65
3	412	2540	90.05
4	699	3800	90.5
6	374	991	8
7	473	3833	124.25
11	579	3847	50
12	281	991	9
15	149	991	8
19	360	3500	34

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.953719055
R Square	0.909580036
Adjusted R Square	0.898942393
Standard Error	54.89113589
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	515264.1744	257632.0872	85.50578846	1.34353E-09
Residual	17	51221.62559	3013.036799		
Total	19	566485.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	77.83613631	23.39425012	3.327148163	0.003989218	28.47858297	127.1936897	28.47858297	127.1936897
GLFA (m2)	0.031682423	0.010510282	3.014421921	0.007810708	0.009507667	0.053857179	0.009507667	0.053857179
Parking Spaces	0.661046012	0.20950631	3.155255862	0.005777405	0.219026336	1.103065687	0.219026336	1.103065687

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.932351574
R Square	0.869279457
Adjusted R Square	0.85390057
Standard Error	65.99970192
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	492434.4689	246217.2344	56.52420993	3.08264E-08
Residual	17	74051.33112	4355.960654		
Total	19	566485.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	94.3524	27.8391	3.3892	0.0035	35.6170	153.0879	35.6170	153.0879
GLFA (m2)	0.0482	0.0116	4.1556	0.0007	0.0238	0.0727	0.0238	0.0727
Avg Weekday Staff Numb	0.6332	0.4937	1.2827	0.2168	-0.4083	1.6748	-0.4083	1.6748

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.931291465
R Square	0.867303792
Adjusted R Square	0.82749493
Standard Error	67.79915597
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	300442.4588	100147.4863	21.78670124	0.000105031
Residual	10	45967.25551	4596.725551		
Total	13	346409.7143			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-28.9508323	85.04310808	-0.34042538	0.740579341	-218.4386855	160.5370209	-218.438685	160.5370209
Major Tenant GLFA (m2)	0.071978719	0.024763925	2.906595768	0.015655734	0.016801256	0.127156181	0.016801256	0.127156181
Other Tenants GLFA (m2	0.055867635	0.020277804	2.755112701	0.020299344	0.010685872	0.101049398	0.010685872	0.101049398
Avg Weekday Staff Numb	0.739877217	0.534802605	1.383458513	0.1966269	-0.451737246	1.931491681	-0.45173725	1.931491681

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.917554523
R Square	0.841906302
Adjusted R Square	0.813161994
Standard Error	70.5595768
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	291644.5216	145822.2608	29.28949559	3.92672E-05
Residual	11	54765.19266	4978.653878		
Total	13	346409.7143			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-4.5210	86.5766	-0.0522	0.9593	-195.0749	186.0328	-195.0749	186.0328
Major Tenant GLFA (m2)	0.0773	0.0255	3.0380	0.0113	0.0213	0.1334	0.0213	0.1334
Other Tenants GLFA (m2	0.0752	0.0153	4.9129	0.0005	0.0415	0.1089	0.0415	0.1089

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.891723583
R Square	0.795170948
Adjusted R Square	0.771073413
Standard Error	82.61631704
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	450453.0507	225226.5253	32.99801956	1.40226E-06
Residual	17	116032.7493	6825.455841		
Total	19	566485.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	86.37293485	42.61068808	2.027025114	0.058638745	-3.52775864	176.2736283	-3.52775864	176.2736283
Major Tenant GLFA (m2)	0.044082452	0.019975529	2.20682279	0.041365413	0.00193777	0.086227134	0.00193777	0.086227134
Avg Weekday Staff Numb	1.638516407	0.46653497	3.512097726	0.002673002	0.65421366	2.622819154	0.65421366	2.622819154

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.834675111
R Square	0.69668254
Adjusted R Square	0.660998133
Standard Error	125.6451904
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	616422.0644	308211.0322	19.52344452	3.94574E-05
Residual	17	268374.1356	15786.71386		
Total	19	884796.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	155.7493797	53.54917442	2.90852999	0.009784046	42.77049734	268.7282621	42.77049734	268.7282621
GLFA (m2)	0.053738444	0.024057916	2.233711528	0.039227789	0.002980678	0.10449621	0.002980678	0.10449621
Parking Spaces	0.331154867	0.479557577	0.690542454	0.499173721	-0.680623181	1.342932914	-0.68062318	1.342932914

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.8612375
R Square	0.741730031
Adjusted R Square	0.711345329
Standard Error	115.9402197
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	656279.9129	328139.9564	24.41129834	1.00607E-05
Residual	17	228516.2871	13442.13454		
Total	19	884796.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	171.5137018	48.90439163	3.507122695	0.002701994	68.33445449	274.6929491	68.33445449	274.6929491
GLFA (m2)	0.035317289	0.020395928	1.731585317	0.101452708	-0.007714357	0.078348935	-0.007714357	0.078348935
Avg Weekday Staff Numb	1.628278012	0.867239221	1.877541943	0.077711167	-0.201436806	3.45799283	-0.201436806	3.45799283

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.749581808
R Square	0.561872886
Adjusted R Square	0.430434752
Standard Error	146.3656101
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	274736.2962	91578.76539	4.274808751	0.03478207
Residual	10	214228.9181	21422.89181		
Total	13	488965.2143			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	134.662791	183.5920554	0.733489206	0.480102536	-274.4058005	543.7313824	-274.4058	543.7313824
Major Tenant GLFA (m2)	0.04767605	0.05346065	0.891797051	0.393454271	-0.071441701	0.166793801	-0.0714417	0.166793801
Other Tenants GLFA (m2	0.027132418	0.04377596	0.61980178	0.549249631	-0.070406499	0.124671335	-0.0704065	0.124671335
Avg Weekday Staff Numb	1.678205404	1.154538113	1.453572979	0.176716377	-0.894265822	4.25067663	-0.89426582	4.25067663

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.685056297
R Square	0.46930213
Adjusted R Square	0.372811608
Standard Error	153.5911923
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	229472.4164	114736.2082	4.863712213	0.030666231
Residual	11	259492.7979	23590.25435		
Total	13	488965.2143			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	190.0749577	188.4564527	1.008588217	0.334843507	-224.7148981	604.8648134	-224.7148981	604.8648134
Major Tenant GLFA (m2)	0.059820129	0.055410545	1.079580232	0.303431866	-0.062137659	0.181777917	-0.062137659	0.181777917
Other Tenants GLFA (m2	0.070947449	0.033311979	2.129787883	0.056600415	-0.002371722	0.144266621	-0.002371722	0.144266621

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.857223543
R Square	0.734832203
Adjusted R Square	0.703635991
Standard Error	117.4782732
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	650176.7407	325088.3704	23.55517447	1.25871E-05
Residual	17	234619.4593	13801.14466		
Total	19	884796.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	146.828506	60.59130003	2.423260533	0.026831993	18.99203735	274.6649747	18.99203735	274.6649747
Major Tenant GLFA (m2)	0.044715223	0.028404687	1.574219893	0.133862139	-0.015213428	0.104643875	-0.01521343	0.104643875
Avg Weekday Staff Numb	2.145986212	0.663400701	3.234826567	0.004868471	0.746333079	3.545639346	0.746333079	3.545639346

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.94333127
R Square	0.889873885
Adjusted R Square	0.876917872
Standard Error	75.84058711
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	790115.2409	395057.6205	68.68423585	7.17906E-09
Residual	17	97780.50909	5751.794653		
Total	19	887895.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	47.97585858	32.32277189	1.484274268	0.156041344	-20.21922908	116.1709462	-20.2192291	116.1709462
GLFA (m2)	0.028092111	0.014521578	1.934508083	0.069871549	-0.002545742	0.058729963	-0.00254574	0.058729963
Parking Spaces	1.036492161	0.289465344	3.580712453	0.002303329	0.42577367	1.647210653	0.42577367	1.647210653

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.902903533
R Square	0.815234789
Adjusted R Square	0.793497706
Standard Error	98.23508582
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	723843.5045	361921.7523	37.50433145	5.8381E-07
Residual	17	164052.2455	9650.132086		
Total	19	887895.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	71.89476463	41.43624294	1.73506958	0.10081946	-15.52806622	159.3175955	-15.52806622	159.3175955
GLFA (m2)	0.061122294	0.017281283	3.536907234	0.002532979	0.024661974	0.097582613	0.024661974	0.097582613
Avg Weekday Staff Numbe	0.646707249	0.734803846	0.880108689	0.391072732	-0.903593351	2.19700785	-0.903593351	2.19700785

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.914649123
R Square	0.836583017
Adjusted R Square	0.787557923
Standard Error	98.81478034
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	499868.3919	166622.7973	17.06438347	0.000293192
Residual	10	97643.60813	9764.360813		
Total	13	597512			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	25.61939293	123.9472074	0.206696008	0.84039519	-250.5521954	301.7909812	-250.552195	301.7909812
Major Tenant GLFA (m2)	0.053424852	0.036092511	1.480219868	0.169616648	-0.026994274	0.133843977	-0.02699427	0.133843977
Other Tenants GLFA (m2	0.106716706	0.029554155	3.610886783	0.004761095	0.040865946	0.172567466	0.040865946	0.172567466
Avg Weekday Staff Numl	0.429494798	0.77945516	0.55101925	0.593716755	-1.307239528	2.166229124	-1.30723953	2.166229124

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.911932736
R Square	0.831621315
Adjusted R Square	0.801007008
Standard Error	95.63580775
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	496903.715	248451.8575	27.16446696	5.55366E-05
Residual	11	100608.285	9146.207725		
Total	13	597512			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	39.8008	117.3452	0.3392	0.7409	-218.4742	298.0757	-218.4742	298.0757
Major Tenant GLFA (m2)	0.0565	0.0345	1.6385	0.1296	-0.0194	0.1325	-0.0194	0.1325
Other Tenants GLFA (m2)	0.1179	0.0207	5.6855	0.0001	0.0723	0.1636	0.0723	0.1636

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.839185065
R Square	0.704231573
Adjusted R Square	0.669435288
Standard Error	124.2889255
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	625284.221	312642.1105	20.23869971	3.18486E-05
Residual	17	262611.529	15447.737		
Total	19	887895.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	91.8393842	64.10400301	1.432662235	0.170087439	-43.40823995	227.0870084	-43.4082399	227.0870084
Major Tenant GLFA (m2)	0.035993832	0.030051412	1.197741769	0.247451268	-0.027409106	0.09939677	-0.02740911	0.09939677
Avg Weekday Staff Numl	2.268106196	0.701860507	3.231562646	0.004902823	0.787309966	3.748902426	0.787309966	3.748902426

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.817818667
R Square	0.668827373
Adjusted R Square	0.629865887
Standard Error	141.5310211
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	687720.2411	343860.1206	17.16637246	8.3265E-05
Residual	17	340527.5089	20031.02993		
Total	19	1028247.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	153.2390605	60.31961361	2.540451627	0.021120569	25.97580009	280.502321	25.97580009	280.502321
GLFA (m2)	0.059081564	0.027099656	2.180159207	0.04359077	0.001906288	0.11625684	0.001906288	0.11625684
Parking Spaces	0.30037011	0.540189986	0.556045313	0.585424877	-0.839331138	1.440071357	-0.83933114	1.440071357

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.845726631
R Square	0.715253535
Adjusted R Square	0.681753951
Standard Error	131.236184
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	735457.8381	367728.9191	21.35111686	2.30619E-05
Residual	17	292789.9119	17222.93599		
Total	19	1028247.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	169.0244142	55.35633586	3.053388768	0.007186957	52.23275444	285.8160739	52.23275444	285.8160739
GLFA (m2)	0.037070157	0.023086757	1.605689203	0.126756554	-0.011638643	0.085778957	-0.011638643	0.085778957
Avg Weekday Staff Numbe	1.737095525	0.981653876	1.769560095	0.094734017	-0.334013114	3.808204164	-0.334013114	3.808204164

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.727433159
R Square	0.529159001
Adjusted R Square	0.387906702
Standard Error	165.239553
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	306859.7585	102286.5862	3.746197429	0.048760846
Residual	10	273041.0986	27304.10986		
Total	13	579900.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	92.85740526	207.2663732	0.448009988	0.663695768	-368.9608535	554.675664	-368.960853	554.675664
Major Tenant GLFA (m2)	0.062583946	0.060354436	1.036940283	0.324187435	-0.071894118	0.197062011	-0.07189412	0.197062011
Other Tenants GLFA (m2	0.017224812	0.049420899	0.348532948	0.734666282	-0.092891814	0.127341437	-0.09289181	0.127341437
Avg Weekday Staff Numl	1.902555468	1.303416572	1.459668005	0.175070229	-1.001637636	4.806748572	-1.00163764	4.806748572

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.654858896
R Square	0.428840173
Adjusted R Square	0.324992932
Standard Error	173.5239237
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	248684.7842	124342.3921	4.129528801	0.045937472
Residual	11	331216.073	30110.55209		
Total	13	579900.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	155.6773202	212.9139219	0.731174922	0.479958222	-312.9430622	624.2977026	-312.9430622	624.2977026
Major Tenant GLFA (m2)	0.076351501	0.062601606	1.219641259	0.248106289	-0.061433704	0.214136706	-0.061433704	0.214136706
Other Tenants GLFA (m2)	0.066897234	0.037635135	1.77752075	0.103105284	-0.01593714	0.149731609	-0.01593714	0.149731609

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.847769034
R Square	0.718712335
Adjusted R Square	0.685619668
Standard Error	130.4366894
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	739014.3412	369507.1706	21.71817538	2.07865E-05
Residual	17	289233.4088	17013.72993		
Total	19	1028247.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	134.0047986	67.27481064	1.991901536	0.062695893	-7.932644836	275.9422421	-7.93264484	275.9422421
Major Tenant GLFA (m2)	0.052951474	0.03153786	1.678981196	0.111440217	-0.013587594	0.119490542	-0.01358759	0.119490542
Avg Weekday Staff Numl	2.175050704	0.736576976	2.952917042	0.00890402	0.621009126	3.729092282	0.621009126	3.729092282

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Saturday - Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.895721198
R Square	0.802316465
Adjusted R Square	0.779059578
Standard Error	117.125522
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	946514.3557	473257.1778	34.49801692	1.03693E-06
Residual	17	233212.5943	13718.3879		
Total	19	1179726.95			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	129.836472	49.91814639	2.600987445	0.018641947	24.51838915	235.1545549	24.51838915	235.1545549
GLFA (m2)	0.04129466	0.022426612	1.841324038	0.083092613	-0.006021356	0.088610676	-0.00602136	0.088610676
Parking Spaces	0.928589902	0.447040045	2.077196242	0.053254974	-0.014582149	1.871761953	-0.01458215	1.871761953

Saturday - Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.871911553
R Square	0.760229757
Adjusted R Square	0.732021493
Standard Error	128.9923431
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	896863.5324	448431.7662	26.95060425	5.34884E-06
Residual	17	282863.4176	16639.02457		
Total	19	1179726.95			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	147.7966816	54.13029726	2.7303874	0.014241167	33.59173719	262.001626	33.59173719	262.001626
GLFA (m2)	0.071181572	0.018957793	3.754739406	0.001578595	0.031184125	0.111179018	0.031184125	0.111179018
Avg Weekend Staff Numt	0.625387888	0.825900186	0.757219697	0.459285772	-1.11710919	2.367884966	-1.11710919	2.367884966

Saturday - Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.826420233
R Square	0.682970401
Adjusted R Square	0.587861522
Standard Error	152.696505
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	502296.6308	167432.2103	7.180932046	0.00743329
Residual	10	233162.2263	23316.22263		
Total	13	735458.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	79.04987864	191.4292711	0.412945618	0.688361251	-347.4811177	505.580875	-347.481118	505.580875
Major Tenant GLFA (m2)	0.071724521	0.055716998	1.287300539	0.226985462	-0.052420686	0.195869729	-0.05242069	0.195869729
Other Tenants GLFA (m2	0.093400563	0.038194362	2.44540187	0.034528383	0.008298222	0.178502904	0.008298222	0.178502904
Avg Weekend Staff Numl	0.762755474	1.008112456	0.756617448	0.466730545	-1.483459056	3.008970005	-1.48345906	3.008970005

Saturday - Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.815365813
R Square	0.664821409
Adjusted R Square	0.603879847
Standard Error	149.6997187
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	488948.7937	244474.3969	10.90916261	0.002449173
Residual	11	246510.0634	22410.00576		
Total	13	735458.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	108.7599466	183.681613	0.592111234	0.565747707	-295.5205579	513.040451	-295.5205579	513.040451
Major Tenant GLFA (m2)	0.078042218	0.054006632	1.445048783	0.176322591	-0.040825578	0.196910015	-0.040825578	0.196910015
Other Tenants GLFA (m2	0.107796426	0.032467968	3.320085409	0.00683026	0.036334911	0.179257942	0.036334911	0.179257942

Saturday - Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.803404472
R Square	0.645458745
Adjusted R Square	0.603748009
Standard Error	156.8554736
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	761465.0769	380732.5384	15.47464297	0.000148651
Residual	17	418261.8731	24603.63959		
Total	19	1179726.95			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	135.359347	80.58363909	1.679737333	0.111290863	-34.65727005	305.3759641	-34.65727	305.3759641
Major Tenant GLFA (m2)	0.07398367	0.036848878	2.007759064	0.060833821	-0.003760668	0.151728007	-0.00376067	0.151728007
Avg Weekend Staff Numl	1.814897902	0.881768409	2.058247817	0.055233191	-0.045470822	3.675266626	-0.04547082	3.675266626

Peak Period Vehicle Trip Multiple Regression Datasets - All Sites

Sunday - Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.757369855
R Square	0.573609098
Adjusted R Square	0.451783126
Standard Error	115.8319275
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	126346.3521	63173.17603	4.708430294	0.050620654
Residual	7	93919.24794	13417.03542		
Total	9	220265.6			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	176.6769111	90.37973889	1.95482874	0.091514273	-37.03721131	390.3910336	-37.0372113	390.3910336
GLFA (m2)	0.02306427	0.045979948	0.50161583	0.631326391	-0.085661031	0.131789571	-0.08566103	0.131789571
Parking Spaces	1.0905798	1.231621387	0.885482999	0.405285296	-1.821742001	4.002901601	-1.821742	4.002901601

Sunday - Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.725554394
R Square	0.526429178
Adjusted R Square	0.391123229
Standard Error	122.0722042
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	115954.2387	57977.11937	3.890658033	0.073088202
Residual	7	104311.3613	14901.62304		
Total	9	220265.6			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	215.4916383	83.61570436	2.577167052	0.036623221	17.77191597	413.2113607	17.77191597	413.2113607
GLFA (m2)	0.06293314	0.041828193	1.504562707	0.176149689	-0.03597482	0.161841099	-0.03597482	0.161841099
Avg Weekend Staff Numt	-0.18298146	1.974960963	-0.092650672	0.928776998	-4.853022049	4.487059129	-4.853022049	4.487059129

Sunday - Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.803261277
R Square	0.645228679
Adjusted R Square	0.290457358
Standard Error	106.5172508
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	61905.08299	20635.02766	1.818717132	0.317723056
Residual	3	34037.77416	11345.92472		
Total	6	95942.85714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-92.6347444	256.420779	-0.36126068	0.741847756	-908.6801051	723.4106164	-908.680105	723.4106164
Major Tenant GLFA (m2)	0.135657404	0.062722929	2.162804041	0.119260463	-0.063954949	0.335269758	-0.06395495	0.335269758
Other Tenants GLFA (m2	-0.1107697	0.095856356	-1.15558016	0.331531637	-0.41582741	0.194288004	-0.41582741	0.194288004
Avg Weekend Staff Numl	3.231145657	2.512433695	1.286062062	0.288692263	-4.764539672	11.22683099	-4.76453967	11.22683099

Sunday - Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.67054953
R Square	0.449636672
Adjusted R Square	0.174455008
Standard Error	114.8949849
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	43139.42696	21569.71348	1.633963052	0.302899793
Residual	4	52803.43018	13200.85754		
Total	6	95942.85714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	93.24366077	228.4649639	0.408131116	0.704079357	-541.07677	727.5640915	-541.07677	727.5640915
Major Tenant GLFA (m2)	0.119899394	0.066352687	1.807001325	0.145052186	-0.0643252	0.304123988	-0.0643252	0.304123988
Other Tenants GLFA (m2	-0.010303747	0.059919586	-0.171959581	0.871818705	-0.176667187	0.156059693	-0.176667187	0.156059693

Sunday - Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.799522405
R Square	0.639236076
Adjusted R Square	0.536160669
Standard Error	106.5456859
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	140801.7178	70400.85888	6.201635237	0.028202062
Residual	7	79463.88224	11351.98318		
Total	9	220265.6			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	164.0665371	80.81786333	2.030077638	0.081903393	-27.03734252	355.1704167	-27.0373425	355.1704167
Major Tenant GLFA (m2)	0.088725011	0.039057614	2.271644447	0.057338292	-0.003631569	0.181081592	-0.00363157	0.181081592
Avg Weekend Staff Numl	0.377929172	1.243382384	0.30395249	0.770000253	-2.562202967	3.318061311	-2.56220297	3.318061311

Daily Vehicle Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 1

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	4691	5142	200
2	3133	3445	163
3	3713	3182	119
4	5123	4976	236
5	2080	991	97
6	1931	991	84
7	4628	6394	279
8	2210	4740	267
9	8509	9700	576
10	2592	1452	109
11	4786	4027	173
12	1873	991	89
13	5045	4831	226
14	2844	5028	198
15	1076	991	73
16	5332	4933	217
17	3633	5000	131
18	7202	9505	493
19	2409	3920	93
20	1605	660	174

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 2

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	4691	5142	70
2	3133	3445	78.5
3	3713	3182	84.5
4	5123	4976	85
5	2080	991	8
6	1931	991	8
7	4628	6394	122.5
8	2210	4740	51.5
9	8509	9700	176
10	2592	1452	30
11	4786	4027	40
12	1873	991	9
13	5045	4831	108.5
14	2844	5028	105.5
15	1076	991	8
16	5332	4933	197.5
17	3633	5000	100
18	7202	9505	198
19	2409	3920	34
20	1605	660	20

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 3

	Wednesday/Thursday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	4691	3844	1298	70
2	3133	2150	1295	78.5
3	3713	2540	642	84.5
4	5123	3800	1176	85
7	4628	3833	2561	122.5
8	2210	4331	409	51.5
9	8509	4277	5423	176
11	4786	3847	180	40
13	5045	3500	1331	108.5
14	2844	3084	1944	105.5
16	5332	3633	1300	197.5
17	3633	3013	1987	100
18	7202	5743	3762	198
19	2409	3500	420	34

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 4

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4691	3844	1298
2	3133	2150	1295
3	3713	2540	642
4	5123	3800	1176
7	4628	3833	2561
8	2210	4331	409
9	8509	4277	5423
11	4786	3847	180
13	5045	3500	1331
14	2844	3084	1944
16	5332	3633	1300
17	3633	3013	1987
18	7202	5743	3762
19	2409	3500	420

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 5

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	4691	3844	70
2	3133	2150	78.5
3	3713	2540	84.5
4	5123	3800	85
5	2080	991	8
6	1931	991	8
7	4628	3833	122.5
8	2210	4331	51.5
9	8509	4277	176
10	2592	1452	30
11	4786	3847	40
12	1873	991	9
13	5045	3500	108.5
14	2844	3084	105.5
15	1076	991	8
16	5332	3633	197.5
17	3633	3013	100
18	7202	5743	198
19	2409	3500	34
20	1605	660	20

Friday - Daily - MULTIPLE REGRESSION 1

	Friday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	4155	5142	200
2	2871	3445	163
3	3237	3182	119
4	4459	4976	236
5	1795	991	97
6	1561	991	84
7	3416	6394	279
8	2475	4740	267
9	8155	9700	576
10	2604	1452	109
11	3978	4027	173
12	1685	991	89
13	4369	4831	226
14	2906	5028	198
15	985	991	73
16	4607	4933	217
17	3580	5000	131
18	6626	9505	493
19	2482	3920	93
20	1557	660	174

Friday - Daily - MULTIPLE REGRESSION 2

	Friday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	4155	5142	70
2	2871	3445	78.5
3	3237	3182	84.5
4	4459	4976	85
5	1795	991	8
6	1561	991	8
7	3416	6394	122.5
8	2475	4740	51.5
9	8155	9700	176
10	2604	1452	30
11	3978	4027	40
12	1685	991	9
13	4369	4831	108.5
14	2906	5028	105.5
15	985	991	8
16	4607	4933	197.5
17	3580	5000	100
18	6626	9505	198
19	2482	3920	34
20	1557	660	20

Friday - Daily - MULTIPLE REGRESSION 3

	Friday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	4155	3844	1298	70
2	2871	2150	1295	78.5
3	3237	2540	642	84.5
4	4459	3800	1176	85
7	3416	3833	2561	122.5
8	2475	4331	409	51.5
9	8155	4277	5423	176
11	3978	3847	180	40
13	4369	3500	1331	108.5
14	2906	3084	1944	105.5
16	4607	3633	1300	197.5
17	3580	3013	1987	100
18	6626	5743	3762	198
19	2482	3500	420	34

Friday - Daily - MULTIPLE REGRESSION 4

	Friday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4155	3844	1298
2	2871	2150	1295
3	3237	2540	642
4	4459	3800	1176
7	3416	3833	2561
8	2475	4331	409
9	8155	4277	5423
11	3978	3847	180
13	4369	3500	1331
14	2906	3084	1944
16	4607	3633	1300
17	3580	3013	1987
18	6626	5743	3762
19	2482	3500	420

Friday - Daily - MULTIPLE REGRESSION 5

	Friday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	4155	3844	70
2	2871	2150	78.5
3	3237	2540	84.5
4	4459	3800	85
5	1795	991	8
6	1561	991	8
7	3416	3833	122.5
8	2475	4331	51.5
9	8155	4277	176
10	2604	1452	30
11	3978	3847	40
12	1685	991	9
13	4369	3500	108.5
14	2906	3084	105.5
15	985	991	8
16	4607	3633	197.5
17	3580	3013	100
18	6626	5743	198
19	2482	3500	34
20	1557	660	20

Daily Vehicle Trip Multiple Regression Datasets - All Sites

Saturday - Daily - MULTIPLE REGRESSION 1

	Saturday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	4064	5142	200
2	2814	3445	163
3	2882	3182	119
4	4396	4976	236
5	1996	991	97
6	2040	991	84
7	4126	6394	279
8	2705	4740	267
9	8463	9700	576
10	2363	1452	109
11	4224	4027	173
12	1776	991	89
13	4006	4831	226
14	2288	5028	198
15	1149	991	73
16	5194	4933	217
17	3762	5000	131
18	6313	9505	493
19	2461	3920	93
20	1231	660	174

Saturday - Daily - MULTIPLE REGRESSION 2

	Saturday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	4064	5142	63
2	2814	3445	71.65
3	2882	3182	90.05
4	4396	4976	90.5
5	1996	991	8
6	2040	991	8
7	4126	6394	124.25
8	2705	4740	49.85
9	8463	9700	140
10	2363	1452	30
11	4224	4027	50
12	1776	991	9
13	4006	4831	100.65
14	2288	5028	98.45
15	1149	991	8
16	5194	4933	219.75
17	3762	5000	100
18	6313	9505	184.2
19	2461	3920	34
20	1231	660	15

Saturday - Daily - MULTIPLE REGRESSION 3

	Saturday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	4064	3844	1298	63
2	2814	2150	1295	71.65
3	2882	2540	642	90.05
4	4396	3800	1176	90.5
7	4126	3833	2561	124.25
8	2705	4331	409	49.85
9	8463	4277	5423	140
11	4224	3847	180	50
13	4006	3500	1331	100.65
14	2288	3084	1944	98.45
16	5194	3633	1300	219.75
17	3762	3013	1987	100
18	6313	5743	3762	184.2
19	2461	3500	420	34

Saturday - Daily - MULTIPLE REGRESSION 4

	Saturday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4064	3844	1298
2	2814	2150	1295
3	2882	2540	642
4	4396	3800	1176
7	4126	3833	2561
8	2705	4331	409
9	8463	4277	5423
11	4224	3847	180
13	4006	3500	1331
14	2288	3084	1944
16	5194	3633	1300
17	3762	3013	1987
18	6313	5743	3762
19	2461	3500	420

Saturday - Daily - MULTIPLE REGRESSION 5

	Saturday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	4064	3844	63
2	2814	2150	71.65
3	2882	2540	90.05
4	4396	3800	90.5
5	1996	991	8
6	2040	991	8
7	4126	3833	124.25
8	2705	4331	49.85
9	8463	4277	140
10	2363	1452	30
11	4224	3847	50
12	1776	991	9
13	4006	3500	100.65
14	2288	3084	98.45
15	1149	991	8
16	5194	3633	219.75
17	3762	3013	100
18	6313	5743	184.2
19	2461	3500	34
20	1231	660	15

Sunday - Daily - MULTIPLE REGRESSION 1

	Sunday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	3920	5142	200
2	2107	3445	163
3	3040	3182	119
4	4702	4976	236
6	1984	991	84
7	3491	6394	279
11	4004	4027	173
12	1701	991	89
15	997	991	73
19	2607	3920	93

Sunday - Daily - MULTIPLE REGRESSION 2

	Sunday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	3920	5142	63
2	2107	3445	71.65
3	3040	3182	90.05
4	4702	4976	90.5
6	1984	991	8
7	3491	6394	124.25
11	4004	4027	50
12	1701	991	9
15	997	991	8
19	2607	3920	34

Sunday - Daily - MULTIPLE REGRESSION 3

	Sunday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	3920	3844	1298	63
2	2107	2150	1295	71.65
3	3040	2540	642	90.05
4	4702	3800	1176	90.5
7	3491	3833	2561	124.25
11	4004	3847	180	50
19	2607	3500	420	34

Sunday - Daily - MULTIPLE REGRESSION 4

	Sunday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	3920	3844	1298
2	2107	2150	1295
3	3040	2540	642
4	4702	3800	1176
7	3491	3833	2561
11	4004	3847	180
19	2607	3500	420

Sunday - Daily - MULTIPLE REGRESSION 5

	Sunday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	3920	3844	63
2	2107	2150	71.65
3	3040	2540	90.05
4	4702	3800	90.5
6	1984	991	8
7	3491	3833	124.25
11	4004	3847	50
12	1701	991	9
15	997	991	8
19	2607	3500	34

Daily Vehicle Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.901422849
R Square	0.812563154
Adjusted R Square	0.79051176
Standard Error	887.5192765
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	58050593.82	29025296.91	36.84860761	6.5958E-07
Residual	17	13390737.93	787690.4662		
Total	19	71441331.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	961.2691489	378.2550244	2.541325526	0.021082658	163.2208061	1759.317492	163.2208061	1759.317492
GLFA (m2)	0.471558417	0.169937776	2.774888719	0.012972512	0.11302105	0.830095784	0.11302105	0.830095784
Parking Spaces	4.263450747	3.387448362	1.258602432	0.225184675	-2.883440575	11.41034207	-2.88344058	11.41034207

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.904759635
R Square	0.818589997
Adjusted R Square	0.797247644
Standard Error	873.1340498
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	58481159.58	29240579.79	38.35518925	4.99598E-07
Residual	17	12960172.17	762363.069		
Total	19	71441331.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1099.8220	368.2940	2.9863	0.0083	322.7896	1876.8545	322.7896	1876.8545
GLFA (m2)	0.4641	0.1536	3.0218	0.0077	0.1401	0.7882	0.1401	0.7882
Avg Weekday Staff Numbers	9.6904	6.5311	1.4837	0.1562	-4.0890	23.4698	-4.0890	23.4698

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.843487374
R Square	0.71147095
Adjusted R Square	0.624912236
Standard Error	1080.706326
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	28799371.8	9599790.6	8.219518411	0.004715967
Residual	10	11679261.63	1167926.163		
Total	13	40478633.43			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	683.7396379	1355.571814	0.504392044	0.624913217	-2336.662589	3704.141864	-2336.66259	3704.141864
Major Tenant GLFA (m2)	0.521027311	0.394732496	1.31995039	0.216268046	-0.358491498	1.400546121	-0.3584915	1.400546121
Other Tenants GLFA (m2	0.549984402	0.323224539	1.701555223	0.119670111	-0.170204751	1.270173555	-0.17020475	1.270173555
Avg Weekday Staff Numt	9.654650155	8.524657137	1.132555832	0.283825785	-9.339469612	28.64876992	-9.33946961	28.64876992

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.82125625
R Square	0.674461828
Adjusted R Square	0.61527307
Standard Error	1094.504468
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	27301293.1	13650646.55	11.3951001	0.002085982
Residual	11	13177340.33	1197940.03		
Total	13	40478633.43			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1002.523669	1342.957408	0.746504441	0.47101687	-1953.305656	3958.352994	-1953.305656	3958.352994
Major Tenant GLFA (m2)	0.590891727	0.394860464	1.496457054	0.162664905	-0.278190295	1.459973748	-0.278190295	1.459973748
Other Tenants GLFA (m2)	0.802050568	0.237384119	3.378703552	0.006156673	0.279571643	1.324529492	0.279571643	1.324529492

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.876752722
R Square	0.768695335
Adjusted R Square	0.741483022
Standard Error	985.9218826
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	54916618.45	27458309.23	28.24806993	3.94065E-06
Residual	17	16524713.3	972041.9586		
Total	19	71441331.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	990.4441762	508.5049941	1.947757028	0.068152712	-82.40758179	2063.295934	-82.4075818	2063.295934
Major Tenant GLFA (m2)	0.44561135	0.238382824	1.869309801	0.07890646	-0.057332446	0.948555145	-0.05733245	0.948555145
Avg Weekday Staff Numt	18.98342783	5.567508362	3.409681064	0.003337115	7.237011962	30.7298437	7.237011962	30.7298437

Daily Vehicle Trip Multiple Regression Datasets - All Sites

Friday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.923858136
R Square	0.853513856
Adjusted R Square	0.836280191
Standard Error	709.8026586
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	49904325.71	24952162.85	49.52596574	8.11467E-08
Residual	17	8564936.841	503819.8142		
Total	19	58469262.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	813.272267	302.5133414	2.688384794	0.015547287	175.0249067	1451.519627	175.0249067	1451.519627
GLFA (m2)	0.4002162	0.135909482	2.944726109	0.009060412	0.113472258	0.686960142	0.113472258	0.686960142
Parking Spaces	4.718655066	2.709146625	1.741749606	0.099614988	-0.997144687	10.43445482	-0.99714469	10.43445482

Friday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.917043983
R Square	0.840969667
Adjusted R Square	0.822260216
Standard Error	739.5700777
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	49170876.25	24585438.13	44.94892284	1.63147E-07
Residual	17	9298386.296	546963.8998		
Total	19	58469262.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	943.447	311.956	3.024	0.008	285.278	1601.616	285.278	1601.616
GLFA (m2)	0.475	0.130	3.648	0.002	0.200	0.749	0.200	0.749
Avg Weekday Staff Numbers	6.669	5.532	1.206	0.244	-5.002	18.341	-5.002	18.341

Friday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.875010949
R Square	0.76564416
Adjusted R Square	0.695337409
Standard Error	879.1111289
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	25248684.23	8416228.077	10.89005167	0.00171633
Residual	10	7728363.769	772836.3769		
Total	13	32977048			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	669.5754196	1102.703148	0.607212758	0.557244957	-1787.400307	3126.551147	-1787.40031	3126.551147
Major Tenant GLFA (m2)	0.480735176	0.321099008	1.497155591	0.165233727	-0.234718	1.196188352	-0.234718	1.196188352
Other Tenants GLFA (m2	0.627131355	0.262930162	2.385163232	0.03827347	0.041286446	1.212976264	0.041286446	1.212976264
Avg Weekday Staff Numt	5.854776117	6.934465709	0.844300969	0.41824153	-9.596176347	21.30572858	-9.59617635	21.30572858

Friday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.86541218
R Square	0.748938242
Adjusted R Square	0.70329065
Standard Error	867.5606157
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	24697772.36	12348886.18	16.40696045	0.000499796
Residual	11	8279275.64	752661.4219		
Total	13	32977048			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	862.8925363	1064.497213	0.810610423	0.434776908	-1480.050032	3205.835105	-1480.050032	3205.835105
Major Tenant GLFA (m2)	0.523102377	0.312986742	1.671324397	0.122831305	-0.165776796	1.211981551	-0.165776796	1.211981551
Other Tenants GLFA (m2)	0.779989401	0.18816288	4.145288387	0.001629391	0.365845695	1.194133108	0.365845695	1.194133108

Friday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.876978976
R Square	0.769092124
Adjusted R Square	0.741926491
Standard Error	891.16623
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	44968249.31	22484124.65	28.31121726	3.88355E-06
Residual	17	13501013.24	794177.2496		
Total	19	58469262.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	879.3286683	459.6332494	1.913109353	0.072729629	-90.41272136	1849.070058	-90.4127214	1849.070058
Major Tenant GLFA (m2)	0.424181309	0.215472165	1.968613017	0.065523651	-0.030425222	0.878787839	-0.03042522	0.878787839
Avg Weekday Staff Numt	16.72568069	5.032422472	3.323584374	0.00402005	6.108197367	27.34316402	6.108197367	27.34316402

Daily Vehicle Trip Multiple Regression Datasets - All Sites

Saturday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.912524339
R Square	0.832700669
Adjusted R Square	0.813018395
Standard Error	774.7337825
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	50786539.18	25393269.59	42.30713687	2.51016E-07
Residual	17	10203611.37	600212.4338		
Total	19	60990150.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	828.3342651	330.1865701	2.508685514	0.022543288	131.701496	1524.967034	131.701496	1524.967034
GLFA (m2)	0.405457546	0.148342171	2.733258819	0.014155831	0.092482924	0.718432168	0.092482924	0.718432168
Parking Spaces	4.724844807	2.956973163	1.597865299	0.128492619	-1.513823235	10.96351285	-1.51382324	10.96351285

Saturday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.904618967
R Square	0.818335476
Adjusted R Square	0.796963179
Standard Error	807.3102278
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	49910403.88	24955201.94	38.28954269	5.05587E-07
Residual	17	11079746.67	651749.8039		
Total	19	60990150.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	919.2112057	338.7793537	2.713303499	0.014759183	204.4492478	1633.973164	204.4492478	1633.973164
GLFA (m2)	0.520618815	0.118649058	4.3878883	0.000401487	0.270291184	0.770946447	0.270291184	0.770946447
Avg Weekend Staff Numt	5.187027365	5.168970897	1.003493242	0.329693628	-5.718547955	16.09260269	-5.718547955	16.09260269

Saturday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.86804148
R Square	0.753496011
Adjusted R Square	0.679544814
Standard Error	947.3067112
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	27430784.81	9143594.935	10.18909826	0.002195738
Residual	10	8973900.051	897390.0051		
Total	13	36404684.86			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	429.555015	1187.599109	0.361700351	0.725101747	-2216.5807	3075.69073	-2216.5807	3075.69073
Major Tenant GLFA (m2)	0.524196483	0.345660079	1.5165086	0.160346001	-0.245982169	1.294375135	-0.24598217	1.294375135
Other Tenants GLFA (m2	0.675088562	0.236952215	2.849049385	0.017278226	0.147126126	1.203050999	0.147126126	1.203050999
Avg Weekend Staff Numl	6.270984641	6.254181754	1.002686664	0.339656984	-7.664200713	20.20617	-7.66420071	20.20617

Saturday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.85364687
R Square	0.728712979
Adjusted R Square	0.679388066
Standard Error	947.538366
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	26528566.35	13264283.18	14.77373068	0.000765349
Residual	11	9876118.505	897828.955		
Total	13	36404684.86			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	673.8159689	1162.629944	0.579561857	0.573888097	-1885.115284	3232.747222	-1885.115284	3232.747222
Major Tenant GLFA (m2)	0.576137349	0.341840029	1.685400483	0.120035781	-0.176247481	1.32852218	-0.176247481	1.32852218
Other Tenants GLFA (m2	0.793443972	0.205509038	3.860871415	0.002649321	0.341121628	1.245766316	0.341121628	1.245766316

Saturday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.8366981
R Square	0.70006371
Adjusted R Square	0.664777088
Standard Error	1037.337074
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	42696991.07	21348495.53	19.83935167	3.58713E-05
Residual	17	18293159.48	1076068.205		
Total	19	60990150.55			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	825.9127325	532.9262311	1.549769338	0.139612162	-298.4633317	1950.288797	-298.463332	1950.288797
Major Tenant GLFA (m2)	0.542619774	0.243693808	2.226645713	0.039779402	0.028470781	1.056768767	0.028470781	1.056768767
Avg Weekend Staff Numl	13.86062854	5.831425833	2.376884991	0.02947076	1.557395478	26.1638616	1.557395478	26.1638616

Daily Vehicle Trip Multiple Regression Datasets - All Sites

Sunday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.827555794
R Square	0.684848592
Adjusted R Square	0.594805332
Standard Error	749.2219069
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	8538749.84	4269374.92	7.605773004	0.017571846
Residual	7	3929334.26	561333.4657		
Total	9	12468084.1			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	977.6897777	584.5925368	1.672429455	0.138358565	-404.6519121	2360.031467	-404.651912	2360.031467
GLFA (m2)	0.371067481	0.297406642	1.247677182	0.252267869	-0.332187477	1.074322439	-0.33218748	1.074322439
Parking Spaces	4.067538031	7.966350422	0.510589896	0.62534174	-14.76988737	22.90496344	-14.7698874	22.90496344

Sunday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.821284432
R Square	0.674508118
Adjusted R Square	0.581510437
Standard Error	761.4141129
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	8409823.941	4204911.97	7.252956351	0.019673905
Residual	7	4058260.159	579751.4513		
Total	9	12468084.1			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1112.062599	521.5452427	2.132245697	0.070436235	-121.1959298	2345.321129	-121.1959298	2345.321129
GLFA (m2)	0.546208809	0.260899496	2.093560231	0.074576963	-0.070720466	1.163138085	-0.070720466	1.163138085
Avg Weekend Staff Numt	-2.135020214	12.31863682	-0.173316272	0.867308103	-31.26396759	26.99392716	-31.26396759	26.99392716

Sunday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.887820711
R Square	0.788225616
Adjusted R Square	0.576451231
Standard Error	580.1721927
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	3758479.538	1252826.513	3.722006408	0.154501504
Residual	3	1009799.32	336599.7732		
Total	6	4768278.857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-1108.38571	1396.65833	-0.79359832	0.485404509	-5553.175848	3336.404435	-5553.17585	3336.404435
Major Tenant GLFA (m2)	1.075279878	0.341635735	3.14744556	0.051366721	-0.011957505	2.162517261	-0.01195751	2.162517261
Other Tenants GLFA (m2	-0.7669725	0.522105029	-1.4690004	0.238158077	-2.428543717	0.894598727	-2.42854372	0.894598727
Avg Weekend Staff Numl	23.21727889	13.68458306	1.696601116	0.188340098	-20.3331719	66.76772968	-20.3331719	66.76772968

Sunday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.764873353
R Square	0.585031246
Adjusted R Square	0.377546869
Standard Error	703.3290014
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2789592.121	1394796.06	2.819639985	0.172199067
Residual	4	1978686.737	494671.6842		
Total	6	4768278.857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	227.2367721	1398.546987	0.162480613	0.878805159	-3655.752165	4110.225709	-3655.752165	4110.225709
Major Tenant GLFA (m2)	0.962051269	0.406177601	2.368548308	0.076942523	-0.165678542	2.08978108	-0.165678542	2.08978108
Other Tenants GLFA (m2	-0.045078043	0.366797405	-0.122896297	0.908116658	-1.063470904	0.973314818	-1.063470904	0.973314818

Sunday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.894387699
R Square	0.799929355
Adjusted R Square	0.742766314
Standard Error	596.9562828
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	9973586.475	4986793.238	13.99382077	0.003582134
Residual	7	2494497.625	356356.8035		
Total	9	12468084.1			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	704.4890742	452.8079282	1.555823188	0.163703037	-366.2315341	1775.209682	-366.231534	1775.209682
Major Tenant GLFA (m2)	0.742705025	0.218832773	3.393938734	0.01153734	0.225247743	1.260162307	0.225247743	1.260162307
Avg Weekend Staff Numl	3.347764171	6.966447491	0.48055543	0.645487594	-13.12526651	19.82079486	-13.1252665	19.82079486

Peak Period Person Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Parking Spaces
1	606	5142	200
2	364	3445	163
3	460	3182	119
4	470	4976	236
5	328	991	97
6	266	991	84
7	650	6394	279
8	536	4740	267
9	1144	9700	576
10	302	1452	109
11	476	4027	173
12	256	991	89
13	544	4831	226
14	1010	5028	198
15	136	991	73
16	610	4933	217
17	256	5000	131
18	1196	9505	493
19	276	3920	93
20	196	660	174

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	606	5142	70
2	364	3445	78.5
3	460	3182	84.5
4	470	4976	85
5	328	991	8
6	266	991	8
7	650	6394	122.5
8	536	4740	51.5
9	1144	9700	176
10	302	1452	30
11	476	4027	40
12	256	991	9
13	544	4831	108.5
14	1010	5028	105.5
15	136	991	8
16	610	4933	197.5
17	256	5000	100
18	1196	9505	198
19	276	3920	34
20	196	660	20

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr AM Peak			
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	606	3844	1298	70
2	364	2150	1295	78.5
3	460	2540	642	84.5
4	470	3800	1176	85
7	650	3833	2561	122.5
8	536	4331	409	51.5
9	1144	4277	5423	176
11	476	3847	180	40
13	544	3500	1331	108.5
14	1010	3084	1944	105.5
16	610	3633	1300	197.5
17	256	3013	1987	100
18	1196	5743	3762	198
19	276	3500	420	34

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	606	3844	1298
2	364	2150	1295
3	460	2540	642
4	470	3800	1176
7	650	3833	2561
8	536	4331	409
9	1144	4277	5423
11	476	3847	180
13	544	3500	1331
14	1010	3084	1944
16	610	3633	1300
17	256	3013	1987
18	1196	5743	3762
19	276	3500	420

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	606	3844	70
2	364	2150	78.5
3	460	2540	84.5
4	470	3800	85
5	328	991	8
6	266	991	8
7	650	3833	122.5
8	536	4331	51.5
9	1144	4277	176
10	302	1452	30
11	476	3847	40
12	256	991	9
13	544	3500	108.5
14	1010	3084	105.5
15	136	991	8
16	610	3633	197.5
17	256	3013	100
18	1196	5743	198
19	276	3500	34
20	196	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Parking Spaces
1	714	5142	200
2	578	3445	163
3	666	3182	119
4	1108	4976	236
5	444	991	97
6	286	991	84
7	772	6394	279
8	628	4740	267
9	1378	9700	576
10	550	1452	109
11	632	4027	173
12	278	991	89
13	776	4831	226
14	872	5028	198
15	242	991	73
16	1036	4933	217
17	478	5000	131
18	1234	9505	493
19	398	3920	93
20	248	660	174

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	714	5142	70
2	578	3445	78.5
3	666	3182	84.5
4	1108	4976	85
5	444	991	8
6	286	991	8
7	772	6394	122.5
8	628	4740	51.5
9	1378	9700	176
10	550	1452	30
11	632	4027	40
12	278	991	9
13	776	4831	108.5
14	872	5028	105.5
15	242	991	8
16	1036	4933	197.5
17	478	5000	100
18	1234	9505	198
19	398	3920	34
20	248	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr PM Peak			
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	714	3844	1298	70
2	578	2150	1295	78.5
3	666	2540	642	84.5
4	1108	3800	1176	85
7	772	3833	2561	122.5
8	628	4331	409	51.5
9	1378	4277	5423	176
11	632	3847	180	40
13	776	3500	1331	108.5
14	872	3084	1944	105.5
16	1036	3633	1300	197.5
17	478	3013	1987	100
18	1234	5743	3762	198
19	398	3500	420	34

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	714	3844	1298
2	578	2150	1295
3	666	2540	642
4	1108	3800	1176
7	772	3833	2561
8	628	4331	409
9	1378	4277	5423
11	632	3847	180
13	776	3500	1331
14	872	3084	1944
16	1036	3633	1300
17	478	3013	1987
18	1234	5743	3762
19	398	3500	420

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	714	3844	70
2	578	2150	78.5
3	666	2540	84.5
4	1108	3800	85
5	444	991	8
6	286	991	8
7	772	3833	122.5
8	628	4331	51.5
9	1378	4277	176
10	550	1452	30
11	632	3847	40
12	278	991	9
13	776	3500	108.5
14	872	3084	105.5
15	242	991	8
16	1036	3633	197.5
17	478	3013	100
18	1234	5743	198
19	398	3500	34
20	248	660	20

Friday - AM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Parking Spaces
1	536	5142	200
2	474	3445	163
3	358	3182	119
4	576	4976	236
5	278	991	97
6	276	991	84
7	564	6394	279
8	574	4740	267
9	1412	9700	576
10	364	1452	109
11	512	4027	173
12	244	991	89
13	604	4831	226
14	1018	5028	198
15	108	991	73
16	582	4933	217
17	430	5000	131
18	1136	9505	493
19	354	3920	93
20	212	660	174

Friday - AM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	536	5142	70
2	474	3445	78.5
3	358	3182	84.5
4	576	4976	85
5	278	991	8
6	276	991	8
7	564	6394	122.5
8	574	4740	51.5
9	1412	9700	176
10	364	1452	30
11	512	4027	40
12	244	991	9
13	604	4831	108.5
14	1018	5028	105.5
15	108	991	8
16	582	4933	197.5
17	430	5000	100
18	1136	9505	198
19	354	3920	34
20	212	660	20

Friday - AM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr AM Peak			
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	536	3844	1298	70
2	474	2150	1295	78.5
3	358	2540	642	84.5
4	576	3800	1176	85
7	564	3833	2561	122.5
8	574	4331	409	51.5
9	1412	4277	5423	176
11	512	3847	180	40
13	604	3500	1331	108.5
14	1018	3084	1944	105.5
16	582	3633	1300	197.5
17	430	3013	1987	100
18	1136	5743	3762	198
19	354	3500	420	34

Friday - AM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	536	3844	1298
2	474	2150	1295
3	358	2540	642
4	576	3800	1176
7	564	3833	2561
8	574	4331	409
9	1412	4277	5423
11	512	3847	180
13	604	3500	1331
14	1018	3084	1944
16	582	3633	1300
17	430	3013	1987
18	1136	5743	3762
19	354	3500	420

Friday - AM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	536	3844	70
2	474	2150	78.5
3	358	2540	84.5
4	576	3800	85
5	278	991	8
6	276	991	8
7	564	3833	122.5
8	574	4331	51.5
9	1412	4277	176
10	364	1452	30
11	512	3847	40
12	244	991	9
13	604	3500	108.5
14	1018	3084	105.5
15	108	991	8
16	582	3633	197.5
17	430	3013	100
18	1136	5743	198
19	354	3500	34
20	212	660	20

Peak Period Person Trip Multiple Regression Datasets - All Sites

Friday - PM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Parking Spaces
1	642	5142	200
2	470	3445	163
3	448	3182	119
4	1136	4976	236
5	336	991	97
6	286	991	84
7	730	6394	279
8	594	4740	267
9	1334	9700	576
10	630	1452	109
11	866	4027	173
12	332	991	89
13	916	4831	226
14	1006	5028	198
15	226	991	73
16	1058	4933	217
17	620	5000	131
18	1120	9505	493
19	524	3920	93
20	280	660	174

Friday - PM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	642	5142	70
2	470	3445	78.5
3	448	3182	84.5
4	1136	4976	85
5	336	991	8
6	286	991	8
7	730	6394	122.5
8	594	4740	51.5
9	1334	9700	176
10	630	1452	30
11	866	4027	40
12	332	991	9
13	916	4831	108.5
14	1006	5028	105.5
15	226	991	8
16	1058	4933	197.5
17	620	5000	100
18	1120	9505	198
19	524	3920	34
20	280	660	20

Friday - PM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr PM Peak			
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	642	3844	1298	70
2	470	2150	1295	78.5
3	448	2540	642	84.5
4	1136	3800	1176	85
7	730	3833	2561	122.5
8	594	4331	409	51.5
9	1334	4277	5423	176
11	866	3847	180	40
13	916	3500	1331	108.5
14	1006	3084	1944	105.5
16	1058	3633	1300	197.5
17	620	3013	1987	100
18	1120	5743	3762	198
19	524	3500	420	34

Friday - PM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	642	3844	1298
2	470	2150	1295
3	448	2540	642
4	1136	3800	1176
7	730	3833	2561
8	594	4331	409
9	1334	4277	5423
11	866	3847	180
13	916	3500	1331
14	1006	3084	1944
16	1058	3633	1300
17	620	3013	1987
18	1120	5743	3762
19	524	3500	420

Friday - PM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	642	3844	70
2	470	2150	78.5
3	448	2540	84.5
4	1136	3800	85
5	336	991	8
6	286	991	8
7	730	3833	122.5
8	594	4331	51.5
9	1334	4277	176
10	630	1452	30
11	866	3847	40
12	332	991	9
13	916	3500	108.5
14	1006	3084	105.5
15	226	991	8
16	1058	3633	197.5
17	620	3013	100
18	1120	5743	198
19	524	3500	34
20	280	660	20

Saturday - Peak - MULTIPLE REGRESSION 1

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Parking Spaces
1	760	5142	200
2	684	3445	163
3	610	3182	119
4	984	4976	236
5	482	991	97
6	468	991	84
7	1072	6394	279
8	874	4740	267
9	1942	9700	576
10	644	1452	109
11	950	4027	173
12	384	991	89
13	828	4831	226
14	908	5028	198
15	296	991	73
16	1146	4933	217
17	560	5000	131
18	1370	9505	493
19	562	3920	93
20	194	660	174

Saturday - Peak - MULTIPLE REGRESSION 2

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	760	5142	63
2	684	3445	71.65
3	610	3182	90.05
4	984	4976	90.5
5	482	991	8
6	468	991	8
7	1072	6394	124.25
8	874	4740	49.85
9	1942	9700	140
10	644	1452	30
11	950	4027	50
12	384	991	9
13	828	4831	100.65
14	908	5028	98.45
15	296	991	8
16	1146	4933	219.75
17	560	5000	100
18	1370	9505	184.2
19	562	3920	34
20	194	660	15

Saturday - Peak - MULTIPLE REGRESSION 3

	Saturday 1-hr Peak			
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	760	3844	1298	63
2	684	2150	1295	71.65
3	610	2540	642	90.05
4	984	3800	1176	90.5
7	1072	3833	2561	124.25
8	874	4331	409	49.85
9	1942	4277	5423	140
11	950	3847	180	50
13	828	3500	1331	100.65
14	908	3084	1944	98.45
16	1146	3633	1300	219.75
17	560	3013	1987	100
18	1370	5743	3762	184.2
19	562	3500	420	34

Saturday - Peak - MULTIPLE REGRESSION 4

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	760	3844	1298
2	684	2150	1295
3	610	2540	642
4	984	3800	1176
7	1072	3833	2561
8	874	4331	409
9	1942	4277	5423
11	950	3847	180
13	828	3500	1331
14	908	3084	1944
16	1146	3633	1300
17	560	3013	1987
18	1370	5743	3762
19	562	3500	420

Saturday - Peak - MULTIPLE REGRESSION 5

	Saturday 1-hr AM Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	760	3844	63
2	684	2150	71.65
3	610	2540	90.05
4	984	3800	90.5
5	482	991	8
6	468	991	8
7	1072	3833	124.25
8	874	4331	49.85
9	1942	4277	140
10	644	1452	30
11	950	3847	50
12	384	991	9
13	828	3500	100.65
14	908	3084	98.45
15	296	991	8
16	1146	3633	219.75
17	560	3013	100
18	1370	5743	184.2
19	562	3500	34
20	194	660	15

Sunday - Peak - MULTIPLE REGRESSION 1

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Parking Spaces
1	736	5142	200
2	582	3445	163
3	640	3182	119
4	1172	4976	236
6	884	991	84
7	714	6394	279
11	1046	4027	173
12	446	991	89
15	330	991	73
19	600	3920	93

Sunday - Peak - MULTIPLE REGRESSION 2

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	736	5142	63
2	582	3445	71.65
3	640	3182	90.05
4	1172	4976	90.5
6	884	991	8
7	714	6394	124.25
11	1046	4027	50
12	446	991	9
15	330	991	8
19	600	3920	34

Sunday - Peak - MULTIPLE REGRESSION 3

	Sunday 1-hr Peak			
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	736	3844	1298	63
2	582	2150	1295	71.65
3	640	2540	642	90.05
4	1172	3800	1176	90.5
7	714	3833	2561	124.25
11	1046	3847	180	50
19	600	3500	420	34

Sunday - Peak - MULTIPLE REGRESSION 4

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	736	3844	1298
2	582	2150	1295
3	640	2540	642
4	1172	3800	1176
7	714	3833	2561
11	1046	3847	180
19	600	3500	420

Sunday - Peak - MULTIPLE REGRESSION 5

	Sunday 1-hr AM Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	736	3844	63
2	582	2150	71.65
3	640	2540	90.05
4	1172	3800	90.5
6	884	991	8
7	714	3833	124.25
11	1046	3847	50
12	446	991	9
15	330	991	8
19	600	3500	34

Peak Period Person Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.893589565
R Square	0.798502311
Adjusted R Square	0.7747967
Standard Error	143.9094512
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1395190.988	697595.4939	33.68410658	1.21982E-06
Residual	17	352068.8122	20709.93013		
Total	19	1747259.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	75.68466537	61.33328525	1.233990077	0.233994694	-53.71725529	205.086586	-53.7172553	205.086586
GLFA (m2)	0.054531152	0.027555066	1.978988264	0.064249993	-0.003604955	0.112667259	-0.00360496	0.112667259
Parking Spaces	1.039977744	0.549267883	1.893388955	0.075455365	-0.118876193	2.198831681	-0.11887619	2.198831681

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.874209402
R Square	0.764242078
Adjusted R Square	0.736505852
Standard Error	155.6637286
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1335329.461	667664.7306	27.55393169	4.63408E-06
Residual	17	411930.3389	24231.1964		
Total	19	1747259.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	101.101826	65.660044	1.539777	0.142021	-37.428758	239.632411	-37.428758	239.632411
GLFA (m2)	0.082615	0.027384	3.016899	0.007770	0.024840	0.140390	0.024840	0.140390
Avg Weekday Staff Numbers	0.897044	1.164373	0.770409	0.451632	-1.559569	3.353657	-1.559569	3.353657

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.841979924
R Square	0.708930192
Adjusted R Square	0.621609249
Standard Error	183.5284891
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	820376.651	273458.8837	8.118673155	0.004920386
Residual	10	336827.0633	33682.70633		
Total	13	1157203.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-68.12884666	230.2068944	-0.29594616	0.773325662	-581.061772	444.8040787	-581.061772	444.8040787
Major Tenant GLFA (m2)	0.10989065	0.067034547	1.639313691	0.132185315	-0.039471628	0.259252928	-0.03947163	0.259252928
Other Tenants GLFA (m2)	0.1037373	0.054890871	1.88988258	0.088079009	-0.018567181	0.226041782	-0.01856718	0.226041782
Avg Weekday Staff Numbers	1.016508735	1.447680473	0.70216374	0.498594282	-2.209124371	4.242141842	-2.20912437	4.242141842

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.83341434
R Square	0.694579463
Adjusted R Square	0.639048456
Standard Error	179.2493895
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	803769.9343	401884.9672	12.50795733	0.001468724
Residual	11	353433.78	32130.34363		
Total	13	1157203.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-34.56504611	219.9390706	-0.157157371	0.877968344	-518.6476767	449.5175845	-518.6476767	449.5175845
Major Tenant GLFA (m2)	0.117246462	0.064667161	1.813075741	0.097170335	-0.025085001	0.259577924	-0.025085001	0.259577924
Other Tenants GLFA (m2)	0.13027658	0.038876916	3.351000867	0.006466117	0.044709064	0.215844096	0.044709064	0.215844096

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.828971251
R Square	0.687193335
Adjusted R Square	0.650392551
Standard Error	179.3049508
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1200705.289	600352.6443	18.67333403	5.1268E-05
Residual	17	546554.5113	32150.26537		
Total	19	1747259.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	94.41605534	92.47939877	1.020941492	0.321592179	-100.6984208	289.5305315	-100.698421	289.5305315
Major Tenant GLFA (m2)	0.07087296	0.043353557	1.63476691	0.120477903	-0.020595049	0.16234097	-0.02059505	0.16234097
Avg Weekday Staff Numbers	2.699120803	1.012536419	2.66570244	0.016299578	0.562855693	4.835385914	0.562855693	4.835385914

Peak Period Person Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.891272076
R Square	0.794365913
Adjusted R Square	0.770173667
Standard Error	157.8392234
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1636079.052	818039.5262	32.83555926	1.4498E-06
Residual	17	423524.7475	24913.22044		
Total	19	2059603.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	202.2268973	67.27006485	3.006194474	0.007949003	60.2994665	344.154328	60.2994665	344.154328
GLFA (m2)	0.075110238	0.030222269	2.485261346	0.023649993	0.011346823	0.138873652	0.011346823	0.138873652
Parking Spaces	0.799879645	0.602434485	1.327745447	0.20181614	-0.471146017	2.070905307	-0.47114602	2.070905307

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.908610167
R Square	0.825572436
Adjusted R Square	0.805051546
Standard Error	145.3700498
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1700352.126	850176.0632	40.23083019	3.57873E-07
Residual	17	359251.6735	21132.45138		
Total	19	2059603.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	231.8911	61.3181	3.7818	0.0015	102.5212	361.2610	102.5212	361.2610
GLFA (m2)	0.0606	0.0256	2.3708	0.0298	0.0067	0.1146	0.0067	0.1146
Avg Weekday Staff Numbers	2.4604	1.0874	2.2627	0.0370	0.1662	4.7546	0.1662	4.7546

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.84939151
R Square	0.721465937
Adjusted R Square	0.637905718
Standard Error	173.1936992
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	776965.4256	258988.4752	8.634083852	0.003975538
Residual	10	299960.5744	29996.05744		
Total	13	1076926			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	142.2079714	217.2435669	0.654601531	0.527492666	-341.8408604	626.2568033	-341.84086	626.2568033
Major Tenant GLFA (m2)	0.082989461	0.063259721	1.3118847	0.218875822	-0.057961982	0.223940904	-0.05796198	0.223940904
Other Tenants GLFA (m2)	0.053372927	0.051799876	1.030367846	0.327113956	-0.062044389	0.168790243	-0.06204439	0.168790243
Avg Weekday Staff Numbers	2.598903966	1.366159213	1.902343403	0.086288304	-0.445088455	5.642896387	-0.44508845	5.642896387

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.78782419
R Square	0.620666955
Adjusted R Square	0.55169731
Standard Error	192.7111874
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	668412.3807	334206.1904	8.99913227	0.004837419
Residual	11	408513.6193	37137.60175		
Total	13	1076926			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	228.0204109	236.4567019	0.964322048	0.355605921	-292.417281	748.4581029	-292.417281	748.4581029
Major Tenant GLFA (m2)	0.101796036	0.069523726	1.464191316	0.171126773	-0.051224653	0.254816726	-0.051224653	0.254816726
Other Tenants GLFA (m2)	0.1212258	0.041796609	2.900374035	0.014435457	0.029232083	0.213219517	0.029232083	0.213219517

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.899657927
R Square	0.809384385
Adjusted R Square	0.786959018
Standard Error	151.9660654
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1667011.154	833505.5772	36.09235928	7.60934E-07
Residual	17	392592.6455	23093.68503		
Total	19	2059603.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	198.7333	78.3789	2.5355	0.0213	33.3682	364.0984	33.3682	364.0984
Major Tenant GLFA (m2)	0.0707	0.0367	1.9234	0.0713	-0.0069	0.1482	-0.0069	0.1482
Avg Weekday Staff Numbers	3.4558	0.8582	4.0270	0.0009	1.6453	5.2664	1.6453	5.2664

Peak Period Person Trip Multiple Regression Datasets - All Sites

Friday - AM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.923123258
R Square	0.85215655
Adjusted R Square	0.834763203
Standard Error	131.4651293
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1693508.436	846754.2181	48.99324698	8.77643E-08
Residual	17	293812.3638	17283.08023		
Total	19	1987320.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	58.87788176	56.02959508	1.050835396	0.308043507	-59.33423077	177.0899943	-59.3342308	177.0899943
GLFA (m2)	0.055953731	0.025172289	2.222830476	0.040080221	0.002844844	0.109062618	0.002844844	0.109062618
Parking Spaces	1.22788128	0.50177089	2.447095489	0.025563778	0.169237241	2.28652532	0.169237241	2.28652532

Friday - AM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.894885491
R Square	0.800820042
Adjusted R Square	0.777387105
Standard Error	152.5922043
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1591486.326	795743.163	34.17497631	1.10557E-06
Residual	17	395834.474	23284.38082		
Total	19	1987320.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	84.4770	64.3645	1.3125	0.2068	-51.3202	220.2741	-51.3202	220.2741
GLFA (m2)	0.1048	0.0268	3.9057	0.0011	0.0482	0.1615	0.0482	0.1615
Avg Weekday Staff Numb	0.2872	1.1414	0.2516	0.8044	-2.1210	2.6953	-2.1210	2.6953

Friday - AM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.881333418
R Square	0.776748594
Adjusted R Square	0.709773172
Standard Error	167.8443665
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	980166.4005	326722.1335	11.597517	0.001354209
Residual	10	281717.3138	28171.73138		
Total	13	1261883.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	91.12578116	210.5336917	0.432832296	0.674322857	-377.9725171	560.2240794	-377.972517	560.2240794
Major Tenant GLFA (m2)	0.07783992	0.061305855	1.269697967	0.232942855	-0.058758038	0.214437878	-0.05875804	0.214437878
Other Tenants GLFA (m2	0.168768644	0.050199963	3.361927637	0.007218854	0.056916155	0.280621133	0.056916155	0.280621133
Avg Weekday Staff Numb	-0.08786361	1.323963451	-0.06636408	0.948396028	-3.037838016	2.862110793	-3.03783802	2.862110793

Friday - AM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.881277635
R Square	0.77665027
Adjusted R Square	0.736041228
Standard Error	160.0685613
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	980042.3268	490021.1634	19.1250577	0.000262676
Residual	11	281841.3874	25621.94431		
Total	13	1261883.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	88.22463862	196.404187	0.449199378	0.662009282	-344.0580623	520.5073395	-344.0580623	520.5073395
Major Tenant GLFA (m2)	0.077204108	0.057747363	1.33692873	0.208237363	-0.04989698	0.204305196	-0.04989698	0.204305196
Other Tenants GLFA (m2	0.166474678	0.034716838	4.795214269	0.000557614	0.090063432	0.242885923	0.090063432	0.242885923

Friday - AM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.818335736
R Square	0.669673376
Adjusted R Square	0.630811421
Standard Error	196.5084896
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1330855.83	665427.915	17.23210693	8.14743E-05
Residual	17	656464.97	38615.58647		
Total	19	1987320.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	99.59230929	101.3523993	0.982633958	0.339566605	-114.2425616	313.4271802	-114.242562	313.4271802
Major Tenant GLFA (m2)	0.074354714	0.047513144	1.564929354	0.136023061	-0.025889258	0.174598686	-0.02588926	0.174598686
Avg Weekday Staff Numb	2.847325152	1.109684933	2.565886105	0.020043246	0.506094593	5.188555711	0.506094593	5.188555711

Peak Period Person Trip Multiple Regression Datasets - All Sites

Friday - PM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.84696786
R Square	0.717354555
Adjusted R Square	0.68410215
Standard Error	185.4753702
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1484271.28	742135.6399	21.5730125	2.16549E-05
Residual	17	584818.9203	34401.11296		
Total	19	2069090.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	240.5747455	79.04841341	3.043384871	0.00734229	73.79717145	407.3523195	73.79717145	407.3523195
GLFA (m2)	0.094837814	0.035513901	2.67044203	0.01613956	0.019910032	0.169765596	0.019910032	0.169765596
Parking Spaces	0.267756004	0.707915034	0.378231837	0.709939896	-1.225814163	1.76132617	-1.22581416	1.76132617

Friday - PM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.863546448
R Square	0.745712468
Adjusted R Square	0.715796287
Standard Error	175.9250912
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1542946.359	771473.1794	24.9267273	8.81583E-06
Residual	17	526143.8411	30949.63771		
Total	19	2069090.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	256.5764405	74.20642796	3.457603978	0.003008138	100.0145628	413.1383182	100.0145628	413.1383182
GLFA (m2)	0.068330553	0.030948324	2.207891911	0.041278407	0.003035298	0.133625809	0.003035298	0.133625809
Avg Weekday Staff Numb	1.886345879	1.31592936	1.433470471	0.169859758	-0.890022383	4.662714142	-0.890022383	4.662714142

Friday - PM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.754798365
R Square	0.569720572
Adjusted R Square	0.440636743
Standard Error	211.1290447
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	590210.979	196736.993	4.413570456	0.031941801
Residual	10	445754.7353	44575.47353		
Total	13	1035965.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	171.6716796	264.8273406	0.648240017	0.531431716	-418.400407	761.7437662	-418.400407	761.7437662
Major Tenant GLFA (m2)	0.100131569	0.077115765	1.298457841	0.223274749	-0.071693062	0.271956201	-0.07169306	0.271956201
Other Tenants GLFA (m2	0.041901587	0.063145821	0.663568655	0.521969558	-0.098796069	0.182599244	-0.09879607	0.182599244
Avg Weekday Staff Numb	2.032471984	1.665394821	1.220414498	0.250304784	-1.67825892	5.743202888	-1.67825892	5.743202888

Friday - PM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.711079642
R Square	0.505634257
Adjusted R Square	0.415749576
Standard Error	215.7747058
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	523819.754	261909.877	5.625366342	0.020761849
Residual	11	512145.9602	46558.72366		
Total	13	1035965.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	238.7812695	264.7556479	0.901893015	0.386435821	-343.9419827	821.5045217	-343.9419827	821.5045217
Major Tenant GLFA (m2)	0.114839245	0.077844269	1.475243412	0.168186839	-0.056494836	0.286173327	-0.056494836	0.286173327
Other Tenants GLFA (m2	0.094965905	0.046798793	2.029238314	0.06733896	-0.008037545	0.197969355	-0.008037545	0.197969355

Friday - PM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.863836879
R Square	0.746214154
Adjusted R Square	0.716356996
Standard Error	175.7514634
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1543984.393	771992.1964	24.99280557	8.66908E-06
Residual	17	525105.8071	30888.57689		
Total	19	2069090.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	197.1215297	90.64663077	2.174615074	0.044067107	5.87385603	388.3692034	5.87385603	388.3692034
Major Tenant GLFA (m2)	0.094238192	0.042494371	2.217662952	0.040491014	0.004582906	0.183893478	0.004582906	0.183893478
Avg Weekday Staff Numb	2.752608489	0.992469849	2.773493312	0.013010587	0.658680141	4.846536837	0.658680141	4.846536837

Peak Period Person Trip Multiple Regression Datasets - All Sites

Saturday - Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.928973569
R Square	0.862991892
Adjusted R Square	0.846873291
Standard Error	157.7682651
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2665315.767	1332657.883	53.54012402	4.59561E-08
Residual	17	423144.0333	24890.82549		
Total	19	3088459.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	193.7275519	67.2398229	2.881143102	0.010368509	51.86392612	335.5911777	51.86392612	335.5911777
GLFA (m2)	0.076092044	0.030208683	2.518879929	0.022077102	0.012357295	0.139826793	0.012357295	0.139826793
Parking Spaces	1.422986911	0.602163655	2.363123214	0.03029943	0.152532652	2.69344117	0.152532652	2.69344117

Saturday - Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.906539325
R Square	0.821813548
Adjusted R Square	0.800850437
Standard Error	179.9218282
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2538138.108	1269069.054	39.20284119	4.28978E-07
Residual	17	550321.6924	32371.86426		
Total	19	3088459.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	221.3165	75.5023	2.9313	0.0093	62.0205	380.6125	62.0205	380.6125
GLFA (m2)	0.1267	0.0264	4.7922	0.0002	0.0709	0.1825	0.0709	0.1825
Avg Weekend Staff Numbe	0.6961	1.1520	0.6043	0.5536	-1.7343	3.1266	-1.7343	3.1266

Saturday - Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.87552497
R Square	0.766543972
Adjusted R Square	0.696507164
Standard Error	202.8328097
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	1350853.942	450284.6472	10.944873	0.00168442
Residual	10	411411.4868	41141.14868		
Total	13	1762265.429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	119.3375415	254.2830756	0.469309809	0.648913463	-447.2404586	685.9155416	-447.240459	685.9155416
Major Tenant GLFA (m2)	0.128006305	0.074011093	1.729555662	0.11439693	-0.036900687	0.292913297	-0.03690069	0.292913297
Other Tenants GLFA (m2	0.157439602	0.050735082	3.103170348	0.01119007	0.044394795	0.270484409	0.044394795	0.270484409
Avg Weekend Staff Numl	0.920016524	1.339115666	0.687032903	0.507681115	-2.063719119	3.903752167	-2.06371912	3.903752167

Saturday - Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.869209132
R Square	0.755524516
Adjusted R Square	0.711074428
Standard Error	197.9050952
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1331434.735	665717.3675	16.99714331	0.000431812
Residual	11	430830.6937	39166.4267		
Total	13	1762265.429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	155.1730804	242.8296288	0.639020375	0.535889219	-379.291329	689.6374897	-379.291329	689.6374897
Major Tenant GLFA (m2)	0.135626552	0.071397514	1.899597696	0.084007615	-0.021518316	0.292771421	-0.021518316	0.292771421
Other Tenants GLFA (m2)	0.174803531	0.042923102	4.072481324	0.001843626	0.08033042	0.269276641	0.08033042	0.269276641

Saturday - Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.833624664
R Square	0.69493008
Adjusted R Square	0.659039501
Standard Error	235.4215474
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2146263.615	1073131.808	19.36246508	4.14376E-05
Residual	17	942196.1848	55423.30499		
Total	19	3088459.8			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	187.4390515	120.9465285	1.549767933	0.139612498	-67.73581848	442.6139214	-67.7358185	442.6139214
Major Tenant GLFA (m2)	0.139287516	0.055305816	2.518496703	0.02209446	0.022602443	0.255972588	0.022602443	0.255972588
Avg Weekend Staff Numl	2.68077252	1.323430279	2.025624291	0.0587959	-0.111421299	5.47296634	-0.1114213	5.47296634

Peak Period Person Trip Multiple Regression Datasets - All Sites

Sunday - Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.543868347
R Square	0.295792779
Adjusted R Square	0.094590716
Standard Error	246.6113266
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	178817.9752	89408.98758	1.470127963	0.293056703
Residual	7	425720.0248	60817.14641		
Total	9	604538			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	413.7093858	192.4224848	2.150005422	0.068613078	-41.29748841	868.71626	-41.2974884	868.71626
GLFA (m2)	-0.01267535	0.097893356	-0.12948118	0.900618944	-0.24415635	0.218805656	-0.24415635	0.218805656
Parking Spaces	2.282714239	2.622176725	0.870541721	0.412860152	-3.917748436	8.483176914	-3.91774844	8.483176914

Sunday - Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.472996855
R Square	0.223726025
Adjusted R Square	0.001933461
Standard Error	258.9228005
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	135250.8836	67625.44182	1.008717427	0.412147427
Residual	7	469287.1164	67041.01662		
Total	9	604538			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	491.8790081	177.3541527	2.773428198	0.027557723	72.50307757	911.2549387	72.50307757	911.2549387
GLFA (m2)	0.078595452	0.088720221	0.885879804	0.40508552	-0.131194534	0.288385437	-0.131194534	0.288385437
Avg Weekend Staff Numbe	-0.812603838	4.189016056	-0.193984417	0.851697336	-10.7180528	9.092845119	-10.7180528	9.092845119

Sunday - Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.77253388
R Square	0.596808596
Adjusted R Square	0.193617193
Standard Error	207.9598719
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	192045.5036	64015.16787	1.48021161	0.37751398
Residual	3	129741.925	43247.30832		
Total	6	321787.4286			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-157.532632	500.6253161	-0.31467173	0.773626497	-1750.74582	1435.680555	-1750.74582	1435.680555
Major Tenant GLFA (m2)	0.228710988	0.122457651	1.867674148	0.158618538	-0.16100391	0.618425886	-0.16100391	0.618425886
Other Tenants GLFA (m2	-0.25511243	0.187145983	-1.36317342	0.266119224	-0.85069447	0.340469611	-0.85069447	0.340469611
Avg Weekend Staff Numl	6.011136798	4.90517156	1.225469226	0.307831446	-9.599308311	21.62158191	-9.59930831	21.62158191

Sunday - Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.628469859
R Square	0.394974363
Adjusted R Square	0.092461545
Standard Error	220.6182471
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	127097.7847	63548.89236	1.305645048	0.366056021
Residual	4	194689.6438	48672.41096		
Total	6	321787.4286			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	188.2705719	438.6922539	0.429163201	0.689909138	-1029.734389	1406.275533	-1029.734389	1406.275533
Major Tenant GLFA (m2)	0.199395208	0.127408638	1.565005407	0.192633761	-0.154347882	0.553138298	-0.154347882	0.553138298
Other Tenants GLFA (m2)	-0.068208256	0.11505597	-0.592826745	0.585189062	-0.387654842	0.251238329	-0.387654842	0.251238329

Sunday - Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.579441657
R Square	0.335752634
Adjusted R Square	0.145967673
Standard Error	239.5122347
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	202975.226	101487.613	1.769121385	0.238866058
Residual	7	401562.774	57366.11057		
Total	9	604538			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	404.4799614	181.6766854	2.226372419	0.061298108	-25.11713476	834.0770576	-25.1171348	834.0770576
Major Tenant GLFA (m2)	0.127165533	0.087800611	1.448344509	0.19078709	-0.080449921	0.334780988	-0.08044992	0.334780988
Avg Weekend Staff Numl	-0.47959357	2.795094808	-0.17158401	0.868619489	-7.088942537	6.1297554	-7.08894254	6.1297554

Daily Person Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 1

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	6180	5142	200
2	4746	3445	163
3	5120	3182	119
4	7436	4976	236
5	3080	991	97
6	2798	991	84
7	7222	6394	279
8	4184	4740	267
9	12580	9700	576
10	4084	1452	109
11	6392	4027	173
12	2590	991	89
13	6696	4831	226
14	8992	5028	198
15	1800	991	73
16	6900	4933	217
17	3310	5000	131
18	11458	9505	493
19	3076	3920	93
20	1850	660	174

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 2

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	6180	5142	70
2	4746	3445	78.5
3	5120	3182	84.5
4	7436	4976	85
5	3080	991	8
6	2798	991	8
7	7222	6394	122.5
8	4184	4740	51.5
9	12580	9700	176
10	4084	1452	30
11	6392	4027	40
12	2590	991	9
13	6696	4831	108.5
14	8992	5028	105.5
15	1800	991	8
16	6900	4933	197.5
17	3310	5000	100
18	11458	9505	198
19	3076	3920	34
20	1850	660	20

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 3

	Wednesday/Thursday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	6180	3844	1298	70
2	4746	2150	1295	78.5
3	5120	2540	642	84.5
4	7436	3800	1176	85
7	7222	3833	2561	122.5
8	4184	4331	409	51.5
9	12580	4277	5423	176
11	6392	3847	180	40
13	6696	3500	1331	108.5
14	8992	3084	1944	105.5
16	6900	3633	1300	197.5
17	3310	3013	1987	100
18	11458	5743	3762	198
19	3076	3500	420	34

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 4

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	6180	3844	1298
2	4746	2150	1295
3	5120	2540	642
4	7436	3800	1176
7	7222	3833	2561
8	4184	4331	409
9	12580	4277	5423
11	6392	3847	180
13	6696	3500	1331
14	8992	3084	1944
16	6900	3633	1300
17	3310	3013	1987
18	11458	5743	3762
19	3076	3500	420

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 5

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	6180	3844	70
2	4746	2150	78.5
3	5120	2540	84.5
4	7436	3800	85
5	3080	991	8
6	2798	991	8
7	7222	3833	122.5
8	4184	4331	51.5
9	12580	4277	176
10	4084	1452	30
11	6392	3847	40
12	2590	991	9
13	6696	3500	108.5
14	8992	3084	105.5
15	1800	991	8
16	6900	3633	197.5
17	3310	3013	100
18	11458	5743	198
19	3076	3500	34
20	1850	660	20

Friday - Daily - MULTIPLE REGRESSION 1

	Friday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	4658	5142	200
2	4066	3445	163
3	2992	3182	119
4	6730	4976	236
5	2636	991	97
6	2176	991	84
7	4758	6394	279
8	4766	4740	267
9	11392	9700	576
10	3738	1452	109
11	5510	4027	173
12	2342	991	89
13	6246	4831	226
14	8428	5028	198
15	1448	991	73
16	5858	4933	217
17	3810	5000	131
18	10338	9505	493
19	3654	3920	93
20	1804	660	174

Friday - Daily - MULTIPLE REGRESSION 2

	Friday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	4658	5142	70
2	4066	3445	78.5
3	2992	3182	84.5
4	6730	4976	85
5	2636	991	8
6	2176	991	8
7	4758	6394	122.5
8	4766	4740	51.5
9	11392	9700	176
10	3738	1452	30
11	5510	4027	40
12	2342	991	9
13	6246	4831	108.5
14	8428	5028	105.5
15	1448	991	8
16	5858	4933	197.5
17	3810	5000	100
18	10338	9505	198
19	3654	3920	34
20	1804	660	20

Friday - Daily - MULTIPLE REGRESSION 3

	Friday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	4658	3844	1298	70
2	4066	2150	1295	78.5
3	2992	2540	642	84.5
4	6730	3800	1176	85
7	4758	3833	2561	122.5
8	4766	4331	409	51.5
9	11392	4277	5423	176
11	5510	3847	180	40
13	6246	3500	1331	108.5
14	8428	3084	1944	105.5
16	5858	3633	1300	197.5
17	3810	3013	1987	100
18	10338	5743	3762	198
19	3654	3500	420	34

Friday - Daily - MULTIPLE REGRESSION 4

	Friday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4658	3844	1298
2	4066	2150	1295
3	2992	2540	642
4	6730	3800	1176
7	4758	3833	2561
8	4766	4331	409
9	11392	4277	5423
11	5510	3847	180
13	6246	3500	1331
14	8428	3084	1944
16	5858	3633	1300
17	3810	3013	1987
18	10338	5743	3762
19	3654	3500	420

Friday - Daily - MULTIPLE REGRESSION 5

	Friday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	4658	3844	70
2	4066	2150	78.5
3	2992	2540	84.5
4	6730	3800	85
5	2636	991	8
6	2176	991	8
7	4758	3833	122.5
8	4766	4331	51.5
9	11392	4277	176
10	3738	1452	30
11	5510	3847	40
12	2342	991	9
13	6246	3500	108.5
14	8428	3084	105.5
15	1448	991	8
16	5858	3633	197.5
17	3810	3013	100
18	10338	5743	198
19	3654	3500	34
20	1804	660	20

Saturday - Daily - MULTIPLE REGRESSION 1

	Saturday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	5870	5142	200
2	4228	3445	163
3	3982	3182	119
4	7108	4976	236
5	3370	991	97
6	3394	991	84
7	7208	6394	279
8	4468	4740	267
9	13546	9700	576
10	3852	1452	109
11	6790	4027	173
12	2772	991	89
13	6290	4831	226
14	7292	5028	198
15	1782	991	73
16	7396	4933	217
17	4372	5000	131
18	10846	9505	493
19	3890	3920	93
20	1424	660	174

Saturday - Daily - MULTIPLE REGRESSION 2

	Saturday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	5870	5142	63
2	4228	3445	71.65
3	3982	3182	90.05
4	7108	4976	90.5
5	3370	991	8
6	3394	991	8
7	7208	6394	124.25
8	4468	4740	49.85
9	13546	9700	140
10	3852	1452	30
11	6790	4027	50
12	2772	991	9
13	6290	4831	100.65
14	7292	5028	98.45
15	1782	991	8
16	7396	4933	219.75
17	4372	5000	100
18	10846	9505	184.2
19	3890	3920	34
20	1424	660	15

Saturday - Daily - MULTIPLE REGRESSION 3

	Saturday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	5870	3844	1298	63
2	4228	2150	1295	71.65
3	3982	2540	642	90.05
4	7108	3800	1176	90.5
7	7208	3833	2561	124.25
8	4468	4331	409	49.85
9	13546	4277	5423	140
11	6790	3847	180	50
13	6290	3500	1331	100.65
14	7292	3084	1944	98.45
16	7396	3633	1300	219.75
17	4372	3013	1987	100
18	10846	5743	3762	184.2
19	3890	3500	420	34

Saturday - Daily - MULTIPLE REGRESSION 4

	Saturday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	5870	3844	1298
2	4228	2150	1295
3	3982	2540	642
4	7108	3800	1176
7	7208	3833	2561
8	4468	4331	409
9	13546	4277	5423
11	6790	3847	180
13	6290	3500	1331
14	7292	3084	1944
16	7396	3633	1300
17	4372	3013	1987
18	10846	5743	3762
19	3890	3500	420

Saturday - Daily - MULTIPLE REGRESSION 5

	Saturday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	5870	3844	63
2	4228	2150	71.65
3	3982	2540	90.05
4	7108	3800	90.5
5	3370	991	8
6	3394	991	8
7	7208	3833	124.25
8	4468	4331	49.85
9	13546	4277	140
10	3852	1452	30
11	6790	3847	50
12	2772	991	9
13	6290	3500	100.65
14	7292	3084	98.45
15	1782	991	8
16	7396	3633	219.75
17	4372	3013	100
18	10846	5743	184.2
19	3890	3500	34
20	1424	660	15

Sunday - Daily - MULTIPLE REGRESSION 1

	Sunday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	5872	5142	200
2	3038	3445	163
3	4608	3182	119
4	7760	4976	236
6	3674	991	84
7	3880	6394	279
11	6258	4027	173
12	2584	991	89
15	1824	991	73
19	4086	3920	93

Sunday - Daily - MULTIPLE REGRESSION 2

	Sunday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	5872	5142	63
2	3038	3445	71.65
3	4608	3182	90.05
4	7760	4976	90.5
6	3674	991	8
7	3880	6394	124.25
11	6258	4027	50
12	2584	991	9
15	1824	991	8
19	4086	3920	34

Sunday - Daily - MULTIPLE REGRESSION 3

	Sunday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	5872	3844	1298	63
2	3038	2150	1295	71.65
3	4608	2540	642	90.05
4	7760	3800	1176	90.5
7	3880	3833	2561	124.25
11	6258	3847	180	50
19	4086	3500	420	34

Sunday - Daily - MULTIPLE REGRESSION 4

	Sunday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	5872	3844	1298
2	3038	2150	1295
3	4608	2540	642
4	7760	3800	1176
7	3880	3833	2561
11	6258	3847	180
19	4086	3500	420

Sunday - Daily - MULTIPLE REGRESSION 5

	Sunday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	5872	3844	63
2	3038	2150	71.65
3	4608	2540	90.05
4	7760	3800	90.5
6	3674	991	8
7	3880	3833	124.25
11	6258	3847	50
12	2584	991	9
15	1824	991	8
19	4086	3500	34

Daily Person Trip Multiple Regression Datasets - All Sites

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.915498441
R Square	0.838137395
Adjusted R Square	0.819094735
Standard Error	1283.159669
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	144936915.7	72468457.84	44.01367352	1.89559E-07
Residual	17	27990478.52	1646498.737		
Total	19	172927394.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1157.362791	546.8744226	2.116322767	0.049372804	3.558615339	2311.166967	3.558615339	2311.166967
GLFA (m2)	0.653193497	0.24569303	2.65857561	0.016543053	0.134826515	1.171560479	0.134826515	1.171560479
Parking Spaces	8.632485228	4.897512915	1.762626333	0.095931016	-1.700363811	18.96533427	-1.70036381	18.96533427

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.90661201
R Square	0.821945337
Adjusted R Square	0.80099773
Standard Error	1345.811122
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	142136865.4	71068432.69	39.23814895	4.26288E-07
Residual	17	30790528.81	1811207.577		
Total	19	172927394.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1390.8284	567.6725	2.4501	0.0254	193.1441	2588.5127	193.1441	2588.5127
GLFA (m2)	0.8061	0.2368	3.4048	0.0034	0.3066	1.3056	0.3066	1.3056
Avg Weekday Staff Numbers	11.3819	10.0667	1.1306	0.2739	-9.8570	32.6209	-9.8570	32.6209

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.860670554
R Square	0.740753803
Adjusted R Square	0.662979944
Standard Error	1617.651385
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	74770685.67	24923561.89	9.524457333	0.002806
Residual	10	26167960.04	2616796.004		
Total	13	100938645.7			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	930.9395649	2029.082805	0.458798213	0.656189178	-3590.138667	5452.017797	-3590.13867	5452.017797
Major Tenant GLFA (m2)	0.787972563	0.590853919	1.333616546	0.211908535	-0.52853201	2.104477136	-0.52853201	2.104477136
Other Tenants GLFA (m2	1.077952316	0.483817491	2.228014356	0.050010555	-6.02332E-05	2.155964864	-6.0233E-05	2.155964864
Avg Weekday Staff Numl	10.62331067	12.76010244	0.832541175	0.424539937	-17.80796933	39.05459067	-17.8079693	39.05459067

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.850167516
R Square	0.722784806
Adjusted R Square	0.672382043
Standard Error	1594.927364
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	72956919.45	36478459.72	14.34018234	0.000861973
Residual	11	27981726.27	2543793.297		
Total	13	100938645.7			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1281.70751	1956.976496	0.65494272	0.525963311	-3025.568717	5588.983737	-3025.568717	5588.983737
Major Tenant GLFA (m2)	0.864846544	0.575396243	1.503045169	0.160982025	-0.401592049	2.131285136	-0.401592049	2.131285136
Other Tenants GLFA (m2)	1.355308526	0.345919491	3.917988327	0.002401126	0.593944861	2.116672192	0.593944861	2.116672192

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.865548605
R Square	0.749174387
Adjusted R Square	0.719665491
Standard Error	1597.325332
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	129552774.5	64776387.26	25.38808621	7.84623E-06
Residual	17	43374619.67	2551448.216		
Total	19	172927394.2			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1310.81502	823.8461108	1.591092077	0.130011768	-427.3483385	3048.978378	-427.348338	3048.978378
Major Tenant GLFA (m2)	0.701284794	0.386212062	1.815802412	0.08707984	-0.113551431	1.51612102	-0.11355143	1.51612102
Avg Weekday Staff Numl	28.79410012	9.020108285	3.192212245	0.005336216	9.763335144	47.82486509	9.763335144	47.82486509

Daily Person Trip Multiple Regression Datasets - All Sites

Friday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.917554507
R Square	0.841906274
Adjusted R Square	0.823307012
Standard Error	1139.84045
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	117621350.7	58810675.36	45.26557453	1.55158E-07
Residual	17	22087016.27	1299236.251		
Total	19	139708367			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	932.7016228	485.7926904	1.919958124	0.071803736	-92.23136309	1957.634609	-92.2313631	1957.634609
GLFA (m2)	0.570251467	0.218250979	2.612824326	0.018190803	0.109782152	1.030720782	0.109782152	1.030720782
Parking Spaces	8.146908714	4.350497805	1.872638277	0.078421222	-1.031839327	17.32565675	-1.03183933	17.32565675

Friday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.901081787
R Square	0.811948387
Adjusted R Square	0.789824667
Standard Error	1243.154995
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	113435983.2	56717991.59	36.70035669	6.78196E-07
Residual	17	26272383.81	1545434.342		
Total	19	139708367			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1117.686	524.371	2.131	0.048	11.359	2224.013	11.359	2224.013
GLFA (m2)	0.841	0.219	3.844	0.001	0.379	1.302	0.379	1.302
Avg Weekday Staff Numbers	4.555	9.299	0.490	0.631	-15.064	24.174	-15.064	24.174

Friday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.854466641
R Square	0.730113241
Adjusted R Square	0.649147213
Standard Error	1492.622604
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	60271038.48	20090346.16	9.017525757	0.003411546
Residual	10	22279222.37	2227922.237		
Total	13	82550260.86			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	247.0860887	1872.254361	0.1319725	0.897623616	-3924.556593	4418.72877	-3924.55659	4418.72877
Major Tenant GLFA (m2)	0.963338909	0.545186635	1.766989223	0.107676979	-0.251412614	2.178090432	-0.25141261	2.178090432
Other Tenants GLFA (m2	1.020106399	0.446423086	2.285066412	0.04539298	0.025413777	2.01479902	0.025413777	2.01479902
Avg Weekday Staff Numl	4.354053454	11.77387013	0.369806479	0.719238059	-21.87976403	30.58787093	-21.879764	30.58787093

Friday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.852304145
R Square	0.726422355
Adjusted R Square	0.676680965
Standard Error	1432.858109
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	59966354.9	29983177.45	14.60398181	0.000801573
Residual	11	22583905.96	2053082.36		
Total	13	82550260.86			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	390.8512888	1758.117457	0.222312387	0.828144473	-3478.739144	4260.441721	-3478.739144	4260.441721
Major Tenant GLFA (m2)	0.994846358	0.516927097	1.924538998	0.08052995	-0.142902512	2.132595228	-0.142902512	2.132595228
Other Tenants GLFA (m2)	1.13378318	0.310768727	3.648318124	0.003831976	0.449785823	1.817780537	0.449785823	1.817780537

Friday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.851791461
R Square	0.725548694
Adjusted R Square	0.693260305
Standard Error	1501.825239
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	101365223.2	50682611.6	22.47088558	1.68638E-05
Residual	17	38343143.8	2255479.047		
Total	19	139708367			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	940.4736658	774.5904088	1.214156095	0.241286138	-693.7692451	2574.716577	-693.769245	2574.716577
Major Tenant GLFA (m2)	0.793283488	0.363121407	2.184623301	0.043210675	0.027164286	1.55940269	0.027164286	1.55940269
Avg Weekday Staff Numl	21.62770701	8.480818532	2.55019099	0.020701704	3.734743959	39.52067006	3.734743959	39.52067006

Daily Person Trip Multiple Regression Datasets - All Sites

Saturday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.940415523
R Square	0.884381356
Adjusted R Square	0.870779162
Standard Error	1064.039952
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	147223282.7	73611641.34	65.0175547	1.08577E-08
Residual	17	19247077.32	1132181.019		
Total	19	166470360			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1092.569161	453.4870042	2.40926234	0.027604147	135.7952149	2049.343107	135.7952149	2049.343107
GLFA (m2)	0.66413752	0.203737077	3.259777411	0.004613582	0.234289862	1.093985178	0.234289862	1.093985178
Parking Spaces	8.581575069	4.061185471	2.113071449	0.049685278	0.013222697	17.14992744	0.013222697	17.14992744

Saturday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.925264369
R Square	0.856114153
Adjusted R Square	0.839186406
Standard Error	1187.006338
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	142517631.2	71258815.61	50.57460788	6.96873E-08
Residual	17	23952728.78	1408984.046		
Total	19	166470360			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1259.0539	498.1149	2.5276	0.0217	208.1234	2309.9844	208.1234	2309.9844
GLFA (m2)	0.9770	0.1745	5.6006	0.0000	0.6090	1.3451	0.6090	1.3451
Avg Weekend Staff Numbers	3.7858	7.6001	0.4981	0.6248	-12.2489	19.8205	-12.2489	19.8205

Saturday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.915757177
R Square	0.838611207
Adjusted R Square	0.79019457
Standard Error	1257.354429
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	82149083.25	27383027.75	17.32072373	0.000275714
Residual	10	15809401.61	1580940.161		
Total	13	97958484.86			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	343.415467	1576.293065	0.217862702	0.831917387	-3168.784354	3855.615288	-3168.78435	3855.615288
Major Tenant GLFA (m2)	0.976595158	0.458792518	2.128620497	0.059158581	-0.045658277	1.998848592	-0.04565828	1.998848592
Other Tenants GLFA (m2	1.268405089	0.314505232	4.03301745	0.002387889	0.567643762	1.969166416	0.567643762	1.969166416
Avg Weekend Staff Numl	5.988871343	8.301137358	0.721451903	0.487156792	-12.50721532	24.48495801	-12.5072153	24.48495801

Saturday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.911159172
R Square	0.830211036
Adjusted R Square	0.799340315
Standard Error	1229.64406
Observations	14

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	81326215.2	40663107.6	26.89315367	5.81436E-05
Residual	11	16632269.65	1512024.514		
Total	13	97958484.86			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	576.688	1508.774	0.382	0.710	-2744.101	3897.476	-2744.101	3897.476
Major Tenant GLFA (m2)	1.026	0.444	2.313	0.041	0.050	2.003	0.050	2.003
Other Tenants GLFA (m2)	1.381	0.267	5.180	0.000	0.794	1.968	0.794	1.968

Saturday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.838711871
R Square	0.703437602
Adjusted R Square	0.668547908
Standard Error	1704.127327
Observations	20

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	117101510.9	58550755.44	20.16175909	3.25827E-05
Residual	17	49368849.12	2904049.948		
Total	19	166470360			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1084.411422	875.4860661	1.238639271	0.232310398	-762.702718	2931.525563	-762.702718	2931.525563
Major Tenant GLFA (m2)	1.018038684	0.400337835	2.542948965	0.021012404	0.173399682	1.862677685	0.173399682	1.862677685
Avg Weekend Staff Numl	20.06857963	9.579810045	2.094882836	0.051466884	-0.143052832	40.2802121	-0.14305283	40.2802121

Daily Person Trip Multiple Regression Datasets - All Sites

Sunday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.632162541
R Square	0.399629478
Adjusted R Square	0.228095043
Standard Error	1593.851007
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	11836727.18	5918363.591	2.329733262	0.167674786
Residual	7	17782527.22	2540361.031		
Total	9	29619254.4			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2172.453253	1243.628082	1.746867318	0.124159154	-768.25987	5113.166376	-768.25987	5113.166376
GLFA (m2)	0.466107822	0.632685552	0.736713239	0.485249273	-1.029955778	1.962171423	-1.02995578	1.962171423
Parking Spaces	3.965739661	16.94714947	0.234006295	0.821676681	-36.10790096	44.03938028	-36.107901	44.03938028

Sunday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.639524794
R Square	0.408991962
Adjusted R Square	0.240132523
Standard Error	1581.374512
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	12114036.97	6057018.485	2.422085276	0.158699974
Residual	7	17505217.43	2500745.347		
Total	9	29619254.4			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2243.648885	1083.19289	2.071329036	0.077065398	-317.6952928	4804.993062	-317.6952928	4804.993062
GLFA (m2)	0.789025016	0.54185995	1.456141971	0.188693253	-0.492270164	2.070320196	-0.492270164	2.070320196
Avg Weekend Staff Numbers	-10.44013469	25.58447232	-0.408065273	0.695418587	-70.93779839	50.05752902	-70.93779839	50.05752902

Sunday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.801797116
R Square	0.642878615
Adjusted R Square	0.285757229
Standard Error	1380.842067
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	10297276.98	3432425.661	1.800168348	0.320588373
Residual	3	5720174.446	1906724.815		
Total	6	16017451.43			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-1353.13256	3324.124458	-0.40706435	0.711263083	-11931.98016	9225.715038	-11931.9802	9225.715038
Major Tenant GLFA (m2)	1.684245378	0.813112039	2.071357078	0.130073115	-0.903440028	4.271930784	-0.90344003	4.271930784
Other Tenants GLFA (m2	-1.85025181	1.242638991	-1.4889697	0.233248268	-5.804883676	2.104380057	-5.80488368	2.104380057
Avg Weekend Staff Numl	37.0249094	32.57006833	1.136777148	0.338216911	-66.62758424	140.677403	-66.6275842	140.677403

Sunday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.699319037
R Square	0.489047115
Adjusted R Square	0.233570673
Standard Error	1430.398809
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	7833288.417	3916644.208	1.914255228	0.26107285
Residual	4	8184163.012	2046040.753		
Total	6	16017451.43			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	776.8027109	2844.3018	0.273108399	0.798290518	-7120.245101	8673.850522	-7120.245101	8673.850522
Major Tenant GLFA (m2)	1.50367818	0.826065689	1.820288871	0.142829158	-0.789847859	3.79720422	-0.789847859	3.79720422
Other Tenants GLFA (m2)	-0.69903694	0.745976024	-0.937076954	0.401771962	-2.770198421	1.37212454	-2.770198421	1.37212454

Sunday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.774100828
R Square	0.599232092
Adjusted R Square	0.484726975
Standard Error	1302.220446
Observations	10

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	17748807.76	8874403.882	5.233234189	0.040749781
Residual	7	11870446.64	1695778.091		
Total	9	29619254.4			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1457.3159	987.7703935	1.47535896	0.18362123	-878.3899272	3793.021728	-878.389927	3793.021728
Major Tenant GLFA (m2)	1.212337128	0.477369147	2.539621874	0.03868537	0.083538466	2.34113579	0.083538466	2.34113579
Avg Weekend Staff Numl	-5.65289909	15.19684209	-0.37197854	0.720913975	-41.58772043	30.28192225	-41.5877204	30.28192225

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Parking Spaces
1	428	5142	200
2	284	3445	163
3	310	3182	119
4	353	4976	236
7	372	6394	279
8	315	4740	267
9	781	9700	576
11	353	4027	173
13	445	4831	226
14	311	5028	198
16	451	4933	217
17	296	5000	131
18	740	9505	493

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	428	5142	70
2	284	3445	78.5
3	310	3182	84.5
4	353	4976	85
7	372	6394	122.5
8	315	4740	51.5
9	781	9700	176
11	353	4027	40
13	445	4831	108.5
14	311	5028	105.5
16	451	4933	197.5
17	296	5000	100
18	740	9505	198

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr AM Peak			
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	428	3844	1298	70
2	284	2150	1295	78.5
3	310	2540	642	84.5
4	353	3800	1176	85
7	372	3833	2561	122.5
8	315	4331	409	51.5
9	781	4277	5423	176
11	353	3847	180	40
13	445	3500	1331	108.5
14	311	3084	1944	105.5
16	451	3633	1300	197.5
17	296	3013	1987	100
18	740	5743	3762	198

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	428	3844	1298
2	284	2150	1295
3	310	2540	642
4	353	3800	1176
7	372	3833	2561
8	315	4331	409
9	781	4277	5423
11	353	3847	180
13	445	3500	1331
14	311	3084	1944
16	451	3633	1300
17	296	3013	1987
18	740	5743	3762

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	428	3844	70
2	284	2150	78.5
3	310	2540	84.5
4	353	3800	85
7	372	3833	122.5
8	315	4331	51.5
9	781	4277	176
11	353	3847	40
13	445	3500	108.5
14	311	3084	105.5
16	451	3633	197.5
17	296	3013	100
18	740	5743	198

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Parking Spaces
1	526	5142	200
2	340	3445	163
3	459	3182	119
4	739	4976	236
7	479	6394	279
8	327	4740	267
9	945	9700	576
11	510	4027	173
13	565	4831	226
14	293	5028	198
16	739	4933	217
17	459	5000	131
18	711	9505	493

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	526	5142	70
2	340	3445	78.5
3	459	3182	84.5
4	739	4976	85
7	479	6394	122.5
8	327	4740	51.5
9	945	9700	176
11	510	4027	40
13	565	4831	108.5
14	293	5028	105.5
16	739	4933	197.5
17	459	5000	100
18	711	9505	198

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr PM Peak			
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	526	3844	1298	70
2	340	2150	1295	78.5
3	459	2540	642	84.5
4	739	3800	1176	85
7	479	3833	2561	122.5
8	327	4331	409	51.5
9	945	4277	5423	176
11	510	3847	180	40
13	565	3500	1331	108.5
14	293	3084	1944	105.5
16	739	3633	1300	197.5
17	459	3013	1987	100
18	711	5743	3762	198

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	526	3844	1298
2	340	2150	1295
3	459	2540	642
4	739	3800	1176
7	479	3833	2561
8	327	4331	409
9	945	4277	5423
11	510	3847	180
13	565	3500	1331
14	293	3084	1944
16	739	3633	1300
17	459	3013	1987
18	711	5743	3762

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	526	3844	70
2	340	2150	78.5
3	459	2540	84.5
4	739	3800	85
7	479	3833	122.5
8	327	4331	51.5
9	945	4277	176
11	510	3847	40
13	565	3500	108.5
14	293	3084	105.5
16	739	3633	197.5
17	459	3013	100
18	711	5743	198

Friday - AM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Parking Spaces
1	413	5142	200
2	346	3445	163
3	279	3182	119
4	412	4976	236
7	363	6394	279
8	301	4740	267
9	1046	9700	576
11	376	4027	173
13	476	4831	226
14	324	5028	198
16	489	4933	217
17	385	5000	131
18	775	9505	493

Friday - AM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	413	5142	70
2	346	3445	78.5
3	279	3182	84.5
4	412	4976	85
7	363	6394	122.5
8	301	4740	51.5
9	1046	9700	176
11	376	4027	40
13	476	4831	108.5
14	324	5028	105.5
16	489	4933	197.5
17	385	5000	100
18	775	9505	198

Friday - AM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr AM Peak			
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	413	3844	1298	70
2	346	2150	1295	78.5
3	279	2540	642	84.5
4	412	3800	1176	85
7	363	3833	2561	122.5
8	301	4331	409	51.5
9	1046	4277	5423	176
11	376	3847	180	40
13	476	3500	1331	108.5
14	324	3084	1944	105.5
16	489	3633	1300	197.5
17	385	3013	1987	100
18	775	5743	3762	198

Friday - AM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	413	3844	1298
2	346	2150	1295
3	279	2540	642
4	412	3800	1176
7	363	3833	2561
8	301	4331	409
9	1046	4277	5423
11	376	3847	180
13	476	3500	1331
14	324	3084	1944
16	489	3633	1300
17	385	3013	1987
18	775	5743	3762

Friday - AM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	413	3844	70
2	346	2150	78.5
3	279	2540	84.5
4	412	3800	85
7	363	3833	122.5
8	301	4331	51.5
9	1046	4277	176
11	376	3847	40
13	476	3500	108.5
14	324	3084	105.5
16	489	3633	197.5
17	385	3013	100
18	775	5743	198

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - PM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Parking Spaces
1	491	5142	200
2	322	3445	163
3	418	3182	119
4	771	4976	236
7	421	6394	279
8	337	4740	267
9	990	9700	576
11	600	4027	173
13	594	4831	226
14	329	5028	198
16	811	4933	217
17	490	5000	131
18	744	9505	493

Friday - PM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	491	5142	70
2	322	3445	78.5
3	418	3182	84.5
4	771	4976	85
7	421	6394	122.5
8	337	4740	51.5
9	990	9700	176
11	600	4027	40
13	594	4831	108.5
14	329	5028	105.5
16	811	4933	197.5
17	490	5000	100
18	744	9505	198

Friday - PM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr PM Peak			
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	491	3844	1298	70
2	322	2150	1295	78.5
3	418	2540	642	84.5
4	771	3800	1176	85
7	421	3833	2561	122.5
8	337	4331	409	51.5
9	990	4277	5423	176
11	600	3847	180	40
13	594	3500	1331	108.5
14	329	3084	1944	105.5
16	811	3633	1300	197.5
17	490	3013	1987	100
18	744	5743	3762	198

Friday - PM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	491	3844	1298
2	322	2150	1295
3	418	2540	642
4	771	3800	1176
7	421	3833	2561
8	337	4331	409
9	990	4277	5423
11	600	3847	180
13	594	3500	1331
14	329	3084	1944
16	811	3633	1300
17	490	3013	1987
18	744	5743	3762

Friday - PM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	491	3844	70
2	322	2150	78.5
3	418	2540	84.5
4	771	3800	85
7	421	3833	122.5
8	337	4331	51.5
9	990	4277	176
11	600	3847	40
13	594	3500	108.5
14	329	3084	105.5
16	811	3633	197.5
17	490	3013	100
18	744	5743	198

Saturday - Peak - MULTIPLE REGRESSION 1

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Parking Spaces
1	521	5142	200
2	409	3445	163
3	412	3182	119
4	602	4976	236
7	578	6394	279
8	484	4740	267
9	1238	9700	576
11	588	4027	173
13	564	4831	226
14	289	5028	198
16	750	4933	217
17	480	5000	131
18	809	9505	493

Saturday - Peak - MULTIPLE REGRESSION 2

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	521	5142	63
2	409	3445	71.65
3	412	3182	90.05
4	602	4976	90.5
7	578	6394	124.25
8	484	4740	49.85
9	1238	9700	140
11	588	4027	50
13	564	4831	100.65
14	289	5028	98.45
16	750	4933	219.75
17	480	5000	100
18	809	9505	184.2

Saturday - Peak - MULTIPLE REGRESSION 3

	Saturday 1-hr Peak			
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	521	3844	1298	63
2	409	2150	1295	71.65
3	412	2540	642	90.05
4	602	3800	1176	90.5
7	578	3833	2561	124.25
8	484	4331	409	49.85
9	1238	4277	5423	140
11	588	3847	180	50
13	564	3500	1331	100.65
14	289	3084	1944	98.45
16	750	3633	1300	219.75
17	480	3013	1987	100
18	809	5743	3762	184.2

Saturday - Peak - MULTIPLE REGRESSION 4

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	521	3844	1298
2	409	2150	1295
3	412	2540	642
4	602	3800	1176
7	578	3833	2561
8	484	4331	409
9	1238	4277	5423
11	588	3847	180
13	564	3500	1331
14	289	3084	1944
16	750	3633	1300
17	480	3013	1987
18	809	5743	3762

Saturday - Peak - MULTIPLE REGRESSION 5

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	521	3844	63
2	409	2150	71.65
3	412	2540	90.05
4	602	3800	90.5
7	578	3833	124.25
8	484	4331	49.85
9	1238	4277	140
11	588	3847	50
13	564	3500	100.65
14	289	3084	98.45
16	750	3633	219.75
17	480	3013	100
18	809	5743	184.2

Sunday - Peak - MULTIPLE REGRESSION 1

	Sunday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Parking Spaces
1	523	5142	200
2	348	3445	163
3	412	3182	119
4	699	4976	236
7	473	6394	279
11	579	4027	173

Sunday - Peak - MULTIPLE REGRESSION 2

	Sunday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	523	5142	63
2	348	3445	71.65
3	412	3182	90.05
4	699	4976	90.5
7	473	6394	124.25
11	579	4027	50

Sunday - Peak - MULTIPLE REGRESSION 3

	Sunday 1-hr Peak			
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	523	3844	1298	63
2	348	2150	1295	71.65
3	412	2540	642	90.05
4	699	3800	1176	90.5
7	473	3833	2561	124.25
11	579	3847	180	50

Sunday - Peak - MULTIPLE REGRESSION 4

	Sunday 1-hr AM Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	523	3844	1298
2	348	2150	1295
3	412	2540	642
4	699	3800	1176
7	473	3833	2561
11	579	3847	180

Sunday - Peak - MULTIPLE REGRESSION 5

	Sunday 1-hr AM Peak		
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	523	3844	63
2	348	2150	71.65
3	412	2540	90.05
4	699	3800	90.5
7	473	3833	124.25
11	579	3847	50

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.934076947
R Square	0.872499743
Adjusted R Square	0.846999691
Standard Error	63.32334343
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	274398.6187	137199.3093	34.21560714	3.36942E-05
Residual	10	40098.45823	4009.845823		
Total	12	314497.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	83.43161444	67.88722879	1.228973636	0.247216486	-67.83055759	234.6937865	-67.83055759	234.6937865
GLFA (m2)	0.028866643	0.029818369	0.968082571	0.355833347	-0.037572823	0.095306109	-0.037572823	0.095306109
Parking Spaces	0.703983347	0.444200273	1.584833214	0.144087137	-0.28575654	1.693723234	-0.28575654	1.693723234

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.925243179
R Square	0.85607494
Adjusted R Square	0.827289927
Standard Error	67.27853359
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	269233.0661	134616.5331	29.74030154	6.17564E-05
Residual	10	45264.01082	4526.401082		
Total	12	314497.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	11.01588455	56.09211441	0.196389183	0.848239246	-113.9651348	135.9969039	-113.9651348	135.9969039
GLFA (m2)	0.063472312	0.013899459	4.566531074	0.00103174	0.032502387	0.094442238	0.032502387	0.094442238
Avg Weekday Staff Numbers	0.561140129	0.538996242	1.041083565	0.322352695	-0.639818339	1.762098597	-0.639818339	1.762098597

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.927292947
R Square	0.85987221
Adjusted R Square	0.813162946
Standard Error	69.97601209
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	270427.2965	90142.43217	18.40902954	0.00035129
Residual	9	44069.78041	4896.642268		
Total	12	314497.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-21.85553524	88.51059341	-0.246925644	0.810506113	-222.0804081	178.3693376	-222.0804081	178.3693376
Major Tenant GLFA (m2)	0.074004876	0.025765447	2.872252774	0.018408977	0.015719386	0.132290366	0.015719386	0.132290366
Other Tenants GLFA (m2)	0.055997965	0.020929919	2.675498403	0.025392656	0.008651199	0.103344731	0.008651199	0.103344731
Avg Weekday Staff Numbers	0.631858422	0.578606701	1.0920344	0.303186948	-0.677040872	1.940757716	-0.677040872	1.940757716

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.917226618
R Square	0.841304668
Adjusted R Square	0.809565602
Standard Error	70.64645634
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	264587.859	132293.9295	26.50691295	0.000100652
Residual	10	49909.21793	4990.921793		
Total	12	314497.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.86406325	86.85498	0.009948344	0.992258172	-192.6608922	194.3890187	-192.6608922	194.3890187
Major Tenant GLFA (m2)	0.079231962	0.025559496	3.099903133	0.011252514	0.022281856	0.136182069	0.022281856	0.136182069
Other Tenants GLFA (m2)	0.07107954	0.015877431	4.476765732	0.001184939	0.035702419	0.106456662	0.035702419	0.106456662

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.865112343
R Square	0.748419366
Adjusted R Square	0.698103239
Standard Error	88.95019625
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	235375.7028	117687.8514	14.87434372	0.001007827
Residual	10	79121.37413	7912.137413		
Total	12	314497.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-86.09154882	108.2921648	-0.794993331	0.445076092	-327.3815286	155.198431	-327.3815286	155.198431
Major Tenant GLFA (m2)	0.088550881	0.03201438	2.765972089	0.019924545	0.017218397	0.159883364	0.017218397	0.159883364
Avg Weekday Staff Numbers	1.653341063	0.552653189	2.991643037	0.013535592	0.421953022	2.884729104	0.421953022	2.884729104

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.686690006
R Square	0.471543164
Adjusted R Square	0.365851797
Standard Error	151.967619
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	206069.6587	103034.8293	4.461510693	0.041214269
Residual	10	230941.5721	23094.15721		
Total	12	437011.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	273.6382672	162.920338	1.679583227	0.123960789	-89.37086781	636.6474022	-89.37086781	636.6474022
GLFA (m2)	0.014638698	0.071560127	0.204565004	0.84201553	-0.144807202	0.174084598	-0.144807202	0.174084598
Parking Spaces	0.76167631	1.066021694	0.714503573	0.491258057	-1.613568045	3.136920664	-1.613568045	3.136920664

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.7183014
R Square	0.515956901
Adjusted R Square	0.419148282
Standard Error	145.4414901
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	225478.9605	112739.4802	5.329658689	0.02657175
Residual	10	211532.2703	21153.22703		
Total	12	437011.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	188.8446045	121.2588959	1.557367013	0.150439973	-81.3370526	459.0262615	-81.3370526	459.0262615
GLFA (m2)	0.03710906	0.030047594	1.235009367	0.245057261	-0.029841152	0.104059272	-0.029841152	0.104059272
Avg Weekday Staff Numbers	1.415080396	1.165192111	1.214461016	0.252471207	-1.181129417	4.011290209	-1.181129417	4.011290209

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.721544684
R Square	0.520626731
Adjusted R Square	0.360835642
Standard Error	152.5674722
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	227519.7287	75839.90956	3.258171235	0.073612865
Residual	9	209491.5021	23276.83356		
Total	12	437011.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	145.874022	192.9780948	0.755909743	0.469025224	-290.6727575	582.4208015	-290.6727575	582.4208015
Major Tenant GLFA (m2)	0.050877568	0.056175952	0.905682341	0.38870666	-0.076201264	0.1779564	-0.076201264	0.1779564
Other Tenants GLFA (m2)	0.027338352	0.045633136	0.59908992	0.563886757	-0.075890973	0.130567676	-0.075890973	0.130567676
Avg Weekday Staff Numbers	1.507525634	1.261526045	1.195001593	0.262625404	-1.346244546	4.361295814	-1.346244546	4.361295814

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.666756806
R Square	0.444564638
Adjusted R Square	0.333477566
Standard Error	155.7984246
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	194279.7398	97139.8699	4.001947564	0.052864926
Residual	10	242731.491	24273.1491		
Total	12	437011.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	200.0797996	191.5434935	1.044565889	0.320816705	-226.7057	626.8652993	-226.7057	626.8652993
Major Tenant GLFA (m2)	0.063348663	0.056367006	1.123860701	0.287326776	-0.062244853	0.18894218	-0.062244853	0.18894218
Other Tenants GLFA (m2)	0.063320876	0.035014902	1.8083979	0.100664973	-0.014697188	0.141338941	-0.014697188	0.141338941

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.708173655
R Square	0.501509926
Adjusted R Square	0.401811911
Standard Error	147.5959894
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	219165.4699	109582.7349	5.030289985	0.030780989
Residual	10	217845.7609	21784.57609		
Total	12	437011.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	114.5138339	179.6903198	0.637284379	0.538255684	-285.8611491	514.8888168	-285.8611491	514.8888168
Major Tenant GLFA (m2)	0.057978965	0.053121795	1.091434603	0.300679734	-0.06038377	0.176341699	-0.06038377	0.176341699
Avg Weekday Staff Numbers	2.006216104	0.917023206	2.187748456	0.053539436	-0.03703893	4.049471138	-0.03703893	4.049471138

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.917708592
R Square	0.842189059
Adjusted R Square	0.810626871
Standard Error	93.99518114
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	471502.1361	235751.0681	26.68348135	9.78781E-05
Residual	10	88350.94078	8835.094078		
Total	12	559853.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	43.49304071	100.7696692	0.43160845	0.67518309	-181.0357743	268.0218557	-181.035774	268.0218557
GLFA (m2)	0.025269815	0.04426145	0.570921547	0.580655326	-0.07335084	0.123890471	-0.07335084	0.123890471
Parking Spaces	1.106737265	0.659356927	1.678510104	0.124173855	-0.362401522	2.575876052	-0.36240152	2.575876052

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.898743352
R Square	0.807739613
Adjusted R Square	0.769287536
Standard Error	103.7485273
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	452215.5077	226107.7538	21.00639725	0.000262693
Residual	10	107637.5692	10763.75692		
Total	12	559853.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-68.10040801	86.49823286	-0.787304038	0.449361297	-260.8304813	124.6296652	-260.8304813	124.6296652
GLFA (m2)	0.084905887	0.021434005	3.961270284	0.00268093	0.037147948	0.132663826	0.037147948	0.132663826
Avg Weekday Staff Numb	0.599804724	0.831172491	0.721636881	0.487047901	-1.252162996	2.451772444	-1.252162996	2.451772444

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.908832753
R Square	0.825976974
Adjusted R Square	0.767969298
Standard Error	104.0445027
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	462425.7501	154141.9167	14.23909796	0.000916445
Residual	9	97427.32683	10825.25854		
Total	12	559853.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	28.01487005	131.6028221	0.212874387	0.836168517	-269.6913967	325.7211368	-269.691397	325.7211368
Major Tenant GLFA (m2)	0.054108912	0.038309601	1.412411277	0.191460542	-0.032553426	0.140771251	-0.03255343	0.140771251
Other Tenants GLFA (m2	0.106760707	0.03111985	3.430630496	0.007500762	0.036362715	0.1771587	0.036362715	0.1771587
Avg Weekday Staff Numt	0.393026056	0.860306906	0.456844009	0.658609362	-1.553123374	2.339175487	-1.55312337	2.339175487

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.906609865
R Square	0.821941448
Adjusted R Square	0.786329738
Standard Error	99.8431911
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	460166.4488	230083.2244	23.08065072	0.000178984
Residual	10	99686.62809	9968.662809		
Total	12	559853.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	42.1468	122.7504	0.3434	0.7384	-231.3580	315.6517	-231.3580	315.6517
Major Tenant GLFA (m2)	0.0574	0.0361	1.5879	0.1434	-0.0231	0.1378	-0.0231	0.1378
Other Tenants GLFA (m2	0.1161	0.0224	5.1758	0.0004	0.0661	0.1661	0.0661	0.1661

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.773568678
R Square	0.5984085
Adjusted R Square	0.5180902
Standard Error	149.9440685
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	335020.8402	167510.4201	7.450462732	0.010445339
Residual	10	224832.2368	22483.22368		
Total	12	559853.0769			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-94.4517633	182.5489821	-0.51740504	0.616124442	-501.1962427	312.292716	-501.196243	312.292716
Major Tenant GLFA (m2)	0.081841023	0.0539669	1.516504061	0.160347132	-0.038404724	0.20208677	-0.03840472	0.20208677
Avg Weekday Staff Numt	2.340493422	0.93161197	2.512305012	0.030790739	0.264732596	4.416254247	0.264732596	4.416254247

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.657380906
R Square	0.432149655
Adjusted R Square	0.318579586
Standard Error	174.7545637
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	232411.3477	116205.6739	3.805136855	0.059043143
Residual	10	305391.5753	30539.15753		
Total	12	537802.9231			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	281.8355024	187.3495998	1.504329354	0.163407032	-135.6054198	699.2764246	-135.60542	699.2764246
GLFA (m2)	0.011307087	0.082290286	0.137404883	0.893437983	-0.172047096	0.19466127	-0.1720471	0.19466127
Parking Spaces	0.870174518	1.225867441	0.709843894	0.494020415	-1.861228354	3.60157739	-1.86122835	3.60157739

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.692727245
R Square	0.479871036
Adjusted R Square	0.375845244
Standard Error	167.2503743
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	258076.0461	129038.023	4.613000525	0.038067573
Residual	10	279726.877	27972.6877		
Total	12	537802.9231			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	184.910822	139.4416113	1.326080646	0.214303345	-125.7844497	495.6060937	-125.7844497	495.6060937
GLFA (m2)	0.036856411	0.034553217	1.066656448	0.311201577	-0.040132953	0.113845776	-0.040132953	0.113845776
Avg Weekday Staff Numb	1.623230456	1.33991213	1.211445452	0.253574293	-1.362279819	4.608740731	-1.362279819	4.608740731

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.703571095
R Square	0.495012285
Adjusted R Square	0.326683047
Standard Error	173.7123642
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	266219.0539	88739.68462	2.940738579	0.091396398
Residual	9	271583.8692	30175.98547		
Total	12	537802.9231			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	99.07534497	219.723645	0.450908891	0.662722625	-397.9740723	596.1247623	-397.974072	596.1247623
Major Tenant GLFA (m2)	0.064359563	0.063961585	1.006222126	0.340593903	-0.080331596	0.209050721	-0.0803316	0.209050721
Other Tenants GLFA (m2	0.017339026	0.051957601	0.333714905	0.746238516	-0.100197234	0.134875285	-0.10019723	0.134875285
Avg Weekday Staff Numt	1.80789356	1.43636562	1.258658335	0.239821744	-1.441391217	5.057178336	-1.44139122	5.057178336

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.637277065
R Square	0.406122058
Adjusted R Square	0.28734647
Standard Error	178.7146589
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	218413.6299	109206.815	3.419238444	0.07387304
Residual	10	319389.2931	31938.92931		
Total	12	537802.9231			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	164.081388	219.7174343	0.746783652	0.472386772	-325.4795637	653.6423398	-325.4795637	653.6423398
Major Tenant GLFA (m2)	0.07931547	0.064657973	1.226692799	0.248036429	-0.064751472	0.223382411	-0.064751472	0.223382411
Other Tenants GLFA (m2	0.060490912	0.040165209	1.506052449	0.162970897	-0.029002752	0.149984576	-0.029002752	0.149984576

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.69911629
R Square	0.488763587
Adjusted R Square	0.386516305
Standard Error	165.8144858
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	262858.486	131429.243	4.780211027	0.034922787
Residual	10	274944.4371	27494.44371		
Total	12	537802.9231			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	79.18551676	201.8703768	0.392259221	0.703097006	-370.6097128	528.9807463	-370.609713	528.9807463
Major Tenant GLFA (m2)	0.06886354	0.059678878	1.153901377	0.275372857	-0.064109287	0.201836367	-0.06410929	0.201836367
Avg Weekday Staff Numt	2.124182089	1.030215875	2.061880562	0.066178341	-0.171281929	4.419646107	-0.17128193	4.419646107

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Saturday - Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.855839832
R Square	0.732461817
Adjusted R Square	0.678954181
Standard Error	134.6170275
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	496134.2515	248067.1257	13.68892115	0.001370657
Residual	10	181217.4408	18121.74408		
Total	12	677351.6923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	240.8289341	144.3192423	1.66872366	0.126132195	-80.73437669	562.392245	-80.7343767	562.392245
GLFA (m2)	-0.01411048	0.063389896	-0.22259823	0.828328903	-0.155351969	0.127131012	-0.15535197	0.127131012
Parking Spaces	1.706436581	0.944310852	1.807070815	0.100883039	-0.397619117	3.810492278	-0.39761912	3.810492278

Saturday - Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.811727806
R Square	0.658902031
Adjusted R Square	0.590682437
Standard Error	152.0010812
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	446308.4055	223154.2028	9.658545195	0.004617381
Residual	10	231043.2868	23104.32868		
Total	12	677351.6923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	55.89759352	130.3008688	0.428988648	0.67702618	-234.4308347	346.2260217	-234.4308347	346.2260217
GLFA (m2)	0.085705893	0.026255326	3.264324142	0.008511633	0.027205382	0.144206405	0.027205382	0.144206405
Avg Weekend Staff Numbers	0.665914073	1.04674409	0.636176578	0.538948525	-1.666377102	2.998205249	-1.666377102	2.998205249

Saturday - Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.812837906
R Square	0.660705462
Adjusted R Square	0.547607283
Standard Error	159.7990855
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	447529.9628	149176.6543	5.841875313	0.016962824
Residual	9	229821.7295	25535.74773		
Total	12	677351.6923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	88.36162401	201.9810142	0.4374749	0.67207695	-368.551174	545.274422	-368.551174	545.274422
Major Tenant GLFA (m2)	0.074359774	0.058762093	1.265437809	0.237492241	-0.058569315	0.207288864	-0.05856932	0.207288864
Other Tenants GLFA (m2	0.092079293	0.040137535	2.294094353	0.047455725	0.00128188	0.182876706	0.00128188	0.182876706
Avg Weekend Staff Numl	0.643803133	1.105078268	0.582586004	0.574475656	-1.856057587	3.143663853	-1.85605759	3.143663853

Saturday - Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.804928596
R Square	0.647910045
Adjusted R Square	0.577492054
Standard Error	154.4308023
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	438862.9652	219431.4826	9.200916341	0.005410883
Residual	10	238488.7271	23848.87271		
Total	12	677351.6923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	115.6811188	189.8620956	0.609290224	0.555921047	-307.3579929	538.7202306	-307.3579929	538.7202306
Major Tenant GLFA (m2)	0.080483195	0.055872208	1.440487106	0.180295632	-0.044007842	0.204974233	-0.044007842	0.204974233
Other Tenants GLFA (m2)	0.102520498	0.034707536	2.953839686	0.01443949	0.025187288	0.179853708	0.025187288	0.179853708

Saturday - Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.679925362
R Square	0.462298498
Adjusted R Square	0.354758198
Standard Error	190.8436591
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	313138.6702	156569.3351	4.298839568	0.044947573
Residual	10	364213.0221	36421.30221		
Total	12	677351.6923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-23.8117369	234.0452879	-0.10173987	0.920974276	-545.297136	497.6736621	-545.297136	497.6736621
Major Tenant GLFA (m2)	0.117213556	0.06653759	1.761614075	0.108619247	-0.031041435	0.265468546	-0.03104143	0.265468546
Avg Weekend Staff Numl	1.775797294	1.180891322	1.503777071	0.163547036	-0.855392541	4.406987128	-0.85539254	4.406987128

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Sunday - Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.461341529
R Square	0.212836006
Adjusted R Square	-0.31193999
Standard Error	142.8358017
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	16549.13459	8274.567294	0.405574964	0.698389709
Residual	3	61206.19875	20402.06625		
Total	5	77755.33333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	334.7421546	247.9879877	1.349832134	0.269886995	-454.4663005	1123.95061	-454.4663	1123.95061
GLFA (m2)	-0.03781499	0.175062705	-0.21600825	0.842834953	-0.594942647	0.519312671	-0.59494265	0.519312671
Parking Spaces	1.754554731	3.732765157	0.470041553	0.670383849	-10.12476995	13.63387941	-10.12477	13.63387941

Sunday - Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.543511997
R Square	0.29540529
Adjusted R Square	-0.174324516
Standard Error	135.1369632
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	22969.33683	11484.66841	0.628883427	0.591437785
Residual	3	54785.99651	18261.99884		
Total	5	77755.33333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	380.4723132	245.2118339	1.551606654	0.218555251	-399.9011815	1160.845808	-399.9011815	1160.845808
GLFA (m2)	0.06636813	0.060087743	1.104520278	0.349999874	-0.124857885	0.257594146	-0.124857885	0.257594146
Avg Weekend Staff Numbers	-2.148923301	2.777975372	-0.773557362	0.495556139	-10.98968076	6.691834159	-10.98968076	6.691834159

Sunday - Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.863522521
R Square	0.745671144
Adjusted R Square	0.364177861
Standard Error	99.4369774
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	57979.90839	19326.63613	1.954611461	0.356096174
Residual	2	19775.42495	9887.712474		
Total	5	77755.33333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	28.68985243	259.8187324	0.110422571	0.92215638	-1089.219926	1146.599631	-1089.21993	1146.599631
Major Tenant GLFA (m2)	0.138767729	0.058610936	2.36760813	0.141492708	-0.113414776	0.390950235	-0.11341478	0.390950235
Other Tenants GLFA (m2	-0.0853478	0.091954115	-0.92815637	0.451311031	-0.480994424	0.310298828	-0.48099442	0.310298828
Avg Weekend Staff Numl	1.419901928	2.788440596	0.509210033	0.66122567	-10.57778962	13.41759347	-10.5777896	13.41759347

Sunday - Peak Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.844214465
R Square	0.712698062
Adjusted R Square	0.521163437
Standard Error	86.29263767
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	55416.07539	27708.03769	3.720988104	0.15399543
Residual	3	22339.25795	7446.419315		
Total	5	77755.33333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	114.300	171.906	0.665	0.554	-432.780	661.381	-432.780	661.381
Major Tenant GLFA (m2)	0.135	0.050	2.672	0.076	-0.026	0.295	-0.026	0.295
Other Tenants GLFA (m2)	-0.048	0.049	-0.990	0.395	-0.203	0.107	-0.203	0.107

Sunday - Peak Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.797572733
R Square	0.636122265
Adjusted R Square	0.393537108
Standard Error	97.11408172
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	49461.89873	24730.94936	2.622263755	0.219499343
Residual	3	28293.43461	9431.144869		
Total	5	77755.33333			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	132.7039501	228.9321947	0.579664867	0.602804216	-595.8604671	861.2683673	-595.860467	861.2683673
Major Tenant GLFA (m2)	0.12718742	0.05592977	2.274055841	0.1075223	-0.05080607	0.30518091	-0.05080607	0.30518091
Avg Weekend Staff Numl	-0.62877255	1.664143891	-0.37783545	0.730701576	-5.924821131	4.667276025	-5.92482113	4.667276025

Daily Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 1

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	4691	5142	200
2	3133	3445	163
3	3713	3182	119
4	5123	4976	236
7	4628	6394	279
8	2210	4740	267
9	8509	9700	576
11	4786	4027	173
13	5045	4831	226
14	2844	5028	198
16	5332	4933	217
17	3633	5000	131
18	7202	9505	493

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 2

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	4691	5142	70
2	3133	3445	78.5
3	3713	3182	84.5
4	5123	4976	85
7	4628	6394	122.5
8	2210	4740	51.5
9	8509	9700	176
11	4786	4027	40
13	5045	4831	108.5
14	2844	5028	105.5
16	5332	4933	197.5
17	3633	5000	100
18	7202	9505	198

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 3

	Wednesday/Thursday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	4691	3844	1298	70
2	3133	2150	1295	78.5
3	3713	2540	642	84.5
4	5123	3800	1176	85
7	4628	3833	2561	122.5
8	2210	4331	409	51.5
9	8509	4277	5423	176
11	4786	3847	180	40
13	5045	3500	1331	108.5
14	2844	3084	1944	105.5
16	5332	3633	1300	197.5
17	3633	3013	1987	100
18	7202	5743	3762	198

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 4

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4691	3844	1298
2	3133	2150	1295
3	3713	2540	642
4	5123	3800	1176
7	4628	3833	2561
8	2210	4331	409
9	8509	4277	5423
11	4786	3847	180
13	5045	3500	1331
14	2844	3084	1944
16	5332	3633	1300
17	3633	3013	1987
18	7202	5743	3762

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 5

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	4691	3844	70
2	3133	2150	78.5
3	3713	2540	84.5
4	5123	3800	85
7	4628	3833	122.5
8	2210	4331	51.5
9	8509	4277	176
11	4786	3847	40
13	5045	3500	108.5
14	2844	3084	105.5
16	5332	3633	197.5
17	3633	3013	100
18	7202	5743	198

Friday - Daily - MULTIPLE REGRESSION 1

	Friday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	4155	5142	200
2	2871	3445	163
3	3237	3182	119
4	4459	4976	236
7	3416	6394	279
8	2475	4740	267
9	8155	9700	576
11	3978	4027	173
13	4369	4831	226
14	2906	5028	198
16	4607	4933	217
17	3580	5000	131
18	6626	9505	493

Friday - Daily - MULTIPLE REGRESSION 2

	Friday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	4155	5142	70
2	2871	3445	78.5
3	3237	3182	84.5
4	4459	4976	85
7	3416	6394	122.5
8	2475	4740	51.5
9	8155	9700	176
11	3978	4027	40
13	4369	4831	108.5
14	2906	5028	105.5
16	4607	4933	197.5
17	3580	5000	100
18	6626	9505	198

Friday - Daily - MULTIPLE REGRESSION 3

	Friday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	4155	3844	1298	70
2	2871	2150	1295	78.5
3	3237	2540	642	84.5
4	4459	3800	1176	85
7	3416	3833	2561	122.5
8	2475	4331	409	51.5
9	8155	4277	5423	176
11	3978	3847	180	40
13	4369	3500	1331	108.5
14	2906	3084	1944	105.5
16	4607	3633	1300	197.5
17	3580	3013	1987	100
18	6626	5743	3762	198

Friday - Daily - MULTIPLE REGRESSION 4

	Friday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4155	3844	1298
2	2871	2150	1295
3	3237	2540	642
4	4459	3800	1176
7	3416	3833	2561
8	2475	4331	409
9	8155	4277	5423
11	3978	3847	180
13	4369	3500	1331
14	2906	3084	1944
16	4607	3633	1300
17	3580	3013	1987
18	6626	5743	3762

Friday - Daily - MULTIPLE REGRESSION 5

	Friday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	4155	3844	70
2	2871	2150	78.5
3	3237	2540	84.5
4	4459	3800	85
7	3416	3833	122.5
8	2475	4331	51.5
9	8155	4277	176
11	3978	3847	40
13	4369	3500	108.5
14	2906	3084	105.5
16	4607	3633	197.5
17	3580	3013	100
18	6626	5743	198

Saturday - Daily - MULTIPLE REGRESSION 1

	Saturday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	4064	5142	200
2	2814	3445	163
3	2882	3182	119
4	4396	4976	236
7	4126	6394	279
8	2705	4740	267
9	8463	9700	576
11	4224	4027	173
13	4006	4831	226
14	2288	5028	198
16	5194	4933	217
17	3762	5000	131
18	6313	9505	493

Saturday - Daily - MULTIPLE REGRESSION 2

	Saturday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	4064	5142	63
2	2814	3445	71.65
3	2882	3182	90.05
4	4396	4976	90.5
7	4126	6394	124.25
8	2705	4740	49.85
9	8463	9700	140
11	4224	4027	50
13	4006	4831	100.65
14	2288	5028	98.45
16	5194	4933	219.75
17	3762	5000	100
18	6313	9505	184.2

Saturday - Daily - MULTIPLE REGRESSION 3

	Saturday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	4064	3844	1298	63
2	2814	2150	1295	71.65
3	2882	2540	642	90.05
4	4396	3800	1176	90.5
7	4126	3833	2561	124.25
8	2705	4331	409	49.85
9	8463	4277	5423	140
11	4224	3847	180	50
13	4006	3500	1331	100.65
14	2288	3084	1944	98.45
16	5194	3633	1300	219.75
17	3762	3013	1987	100
18	6313	5743	3762	184.2

Saturday - Daily - MULTIPLE REGRESSION 4

	Saturday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4064	3844	1298
2	2814	2150	1295
3	2882	2540	642
4	4396	3800	1176
7	4126	3833	2561
8	2705	4331	409
9	8463	4277	5423
11	4224	3847	180
13	4006	3500	1331
14	2288	3084	1944
16	5194	3633	1300
17	3762	3013	1987
18	6313	5743	3762

Saturday - Daily - MULTIPLE REGRESSION 5

	Saturday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	4064	3844	63
2	2814	2150	71.65
3	2882	2540	90.05
4	4396	3800	90.5
7	4126	3833	124.25
8	2705	4331	49.85
9	8463	4277	140
11	4224	3847	50
13	4006	3500	100.65
14	2288	3084	98.45
16	5194	3633	219.75
17	3762	3013	100
18	6313	5743	184.2

Sunday - Daily - MULTIPLE REGRESSION 1

	Sunday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
1	3920	5142	200
2	2107	3445	163
3	3040	3182	119
4	4702	4976	236
7	3491	6394	279
11	4004	4027	173

Sunday - Daily - MULTIPLE REGRESSION 2

	Sunday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	3920	5142	63
2	2107	3445	71.65
3	3040	3182	90.05
4	4702	4976	90.5
7	3491	6394	124.25
11	4004	4027	50

Sunday - Daily - MULTIPLE REGRESSION 3

	Sunday Daily			
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	3920	3844	1298	63
2	2107	2150	1295	71.65
3	3040	2540	642	90.05
4	4702	3800	1176	90.5
7	3491	3833	2561	124.25
11	4004	3847	180	50

Sunday - Daily - MULTIPLE REGRESSION 4

	Sunday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	3920	3844	1298
2	2107	2150	1295
3	3040	2540	642
4	4702	3800	1176
7	3491	3833	2561
11	4004	3847	180

Sunday - Daily - MULTIPLE REGRESSION 5

	Sunday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	3920	3844	63
2	2107	2150	71.65
3	3040	2540	90.05
4	4702	3800	90.5
7	3491	3833	124.25
11	4004	3847	50

Daily Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.820499889
R Square	0.673220068
Adjusted R Square	0.607864082
Standard Error	1079.892799
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	24024976.19	12012488.09	10.30081719	0.003726292
Residual	10	11661684.58	1166168.458		
Total	12	35686660.77			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1309.048494	1157.723607	1.130708994	0.284566591	-1270.520454	3888.617442	-1270.52045	3888.617442
GLFA (m2)	0.409275897	0.508511397	0.804850981	0.439621999	-0.723758103	1.542309896	-0.7237581	1.542309896
Parking Spaces	4.518755544	7.575226616	0.59651754	0.564088698	-12.35990119	21.39741228	-12.3599012	21.39741228

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.82955513
R Square	0.688161713
Adjusted R Square	0.625794056
Standard Error	1054.915501
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	24558193.62	12279096.81	11.03395161	0.002948813
Residual	10	11128467.15	1112846.715		
Total	12	35686660.77			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	810.7355853	879.5144281	0.921799074	0.378336174	-1148.944683	2770.415853	-1148.944683	2770.415853
GLFA (m2)	0.553593164	0.217941061	2.540104934	0.029357871	0.067990219	1.03919611	0.067990219	1.03919611
Avg Weekday Staff Numb	7.801073204	8.451365699	0.923054744	0.377712553	-11.02974306	26.63188947	-11.02974306	26.63188947

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.829555826
R Square	0.688162868
Adjusted R Square	0.584217157
Standard Error	1111.976516
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	24558234.81	8186078.271	6.62040658	0.011783687
Residual	9	11128425.96	1236491.773		
Total	12	35686660.77			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	804.6305262	1406.506293	0.572077445	0.581275147	-2377.107758	3986.36881	-2377.10776	3986.36881
Major Tenant GLFA (m2)	0.555549329	0.409434189	1.356870881	0.207874617	-0.370655155	1.481753813	-0.37065515	1.481753813
Other Tenants GLFA (m2	0.552204988	0.332593667	1.660299163	0.131224238	-0.200174159	1.304584135	-0.20017416	1.304584135
Avg Weekday Staff Numt	7.81420739	9.194537455	0.849874986	0.41742893	-12.98528137	28.61369615	-12.9852814	28.61369615

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.81433202
R Square	0.663136639
Adjusted R Square	0.595763966
Standard Error	1096.427312
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	23665132.27	11832566.14	9.842813363	0.004337794
Residual	10	12021528.5	1202152.85		
Total	12	35686660.77			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1085.604314	1347.982293	0.805355026	0.439344314	-1917.887405	4089.096034	-1917.887405	4089.096034
Major Tenant GLFA (m2)	0.620192825	0.396681323	1.563453558	0.149011265	-0.263668242	1.504053892	-0.263668242	1.504053892
Other Tenants GLFA (m2	0.738719169	0.246416454	2.997848382	0.013392806	0.189669093	1.287769245	0.189669093	1.287769245

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.769838198
R Square	0.592650851
Adjusted R Square	0.511181021
Standard Error	1205.691955
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	21149729.86	10574864.93	7.274482487	0.011215898
Residual	10	14536930.91	1453693.091		
Total	12	35686660.77			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	171.1888097	1467.866261	0.116624255	0.909466763	-3099.421035	3441.798654	-3099.42103	3441.798654
Major Tenant GLFA (m2)	0.698989835	0.433944857	1.610780321	0.138304869	-0.267899559	1.66587923	-0.26789956	1.66587923
Avg Weekday Staff Numt	17.88721288	7.491040285	2.387814269	0.038100576	1.19613498	34.57829078	1.19613498	34.57829078

Daily Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.868144509
R Square	0.753674888
Adjusted R Square	0.704409865
Standard Error	862.1920305
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	22744865.02	11372432.51	15.29837702	0.000906867
Residual	10	7433750.975	743375.0975		
Total	12	30178616			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1093.328938	924.3325522	1.18283072	0.264235072	-966.2123334	3152.87021	-966.212333	3152.87021
GLFA (m2)	0.306227606	0.405998145	0.754258632	0.468083325	-0.598392636	1.210847847	-0.59839264	1.210847847
Parking Spaces	5.768233032	6.04810035	0.95372641	0.362706957	-7.707774339	19.2442404	-7.70777434	19.2442404

Friday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.864012612
R Square	0.746517794
Adjusted R Square	0.695821353
Standard Error	874.6280434
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	22528873.86	11264436.93	14.7252505	0.001046496
Residual	10	7649742.143	764974.2143		
Total	12	30178616			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	493.3020044	729.2034124	0.676494372	0.514069032	-1131.46445	2118.068459	-1131.46445	2118.068459
GLFA (m2)	0.574269694	0.180694438	3.178126012	0.009850748	0.171657396	0.976881992	0.171657396	0.976881992
Avg Weekday Staff Numb	5.434659499	7.007008083	0.775603429	0.455933682	-10.17792745	21.04724645	-10.17792745	21.04724645

Friday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.865206424
R Square	0.748582156
Adjusted R Square	0.664776208
Standard Error	918.1770936
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	22591173.42	7530391.141	8.932327273	0.004617759
Residual	9	7587442.577	843049.1752		
Total	12	30178616			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	730.7217914	1161.37512	0.629186711	0.544864305	-1896.491254	3357.934837	-1896.49125	3357.934837
Major Tenant GLFA (m2)	0.498196344	0.338076469	1.473620291	0.174678028	-0.266585761	1.262978449	-0.26658576	1.262978449
Other Tenants GLFA (m2	0.628254522	0.274628	2.287656474	0.047958151	0.007002825	1.24950622	0.007002825	1.24950622
Avg Weekday Staff Numt	4.923883812	7.592079107	0.648555388	0.53282262	-12.25059232	22.09835994	-12.2505923	22.09835994

Friday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.858389124
R Square	0.736831889
Adjusted R Square	0.684198267
Standard Error	891.1817643
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	22236566.63	11118283.31	13.9992624	0.001262311
Residual	10	7942049.371	794204.9371		
Total	12	30178616			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	907.7688313	1095.646949	0.828523123	0.426706579	-1533.484703	3349.022366	-1533.484703	3349.022366
Major Tenant GLFA (m2)	0.538929466	0.322424622	1.6714898	0.125575874	-0.17947736	1.257336292	-0.17947736	1.257336292
Other Tenants GLFA (m2	0.74578073	0.200288563	3.723531284	0.003952221	0.299510001	1.192051459	0.299510001	1.192051459

Friday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.776135459
R Square	0.602386251
Adjusted R Square	0.522863501
Standard Error	1095.419219
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	18179183.35	9089591.677	7.575017875	0.009938182
Residual	10	11999432.65	1199943.265		
Total	12	30178616			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	10.04263799	1333.615029	0.007530388	0.994139787	-2961.436822	2981.522098	-2961.43682	2981.522098
Major Tenant GLFA (m2)	0.661391441	0.394256206	1.67756761	0.124361258	-0.217066129	1.539849011	-0.21706613	1.539849011
Avg Weekday Staff Numt	16.38414114	6.805908807	2.40734068	0.036850478	1.2196313	31.54865097	1.2196313	31.54865097

Daily Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Saturday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.856838762
R Square	0.734172665
Adjusted R Square	0.681007198
Standard Error	942.7739799
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	24547866.23	12273933.11	13.80920182	0.001327389
Residual	10	8888227.772	888822.7772		
Total	12	33436094			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1001.99976	1010.722262	0.991370031	0.344886331	-1250.02978	3254.0293	-1250.02978	3254.0293
GLFA (m2)	0.31862423	0.44394343	0.717713582	0.489360683	-0.670543375	1.307791834	-0.67054337	1.307791834
Parking Spaces	5.985231658	6.613366206	0.90502045	0.386739446	-8.750266528	20.72072984	-8.75026653	20.72072984

Saturday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.856233318
R Square	0.733135495
Adjusted R Square	0.679762594
Standard Error	944.6113846
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	24513187.32	12256593.66	13.73609979	0.001353487
Residual	10	8922906.679	892290.6679		
Total	12	33436094			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	250.0467276	809.7553197	0.308792942	0.76381627	-1554.200561	2054.294016	-1554.200561	2054.294016
GLFA (m2)	0.621411376	0.163163836	3.808511674	0.003437567	0.257859693	0.984963059	0.257859693	0.984963059
Avg Weekend Staff Numb	5.73404837	6.504995732	0.881483802	0.39874767	-8.759985354	20.22808209	-8.759985354	20.22808209

Saturday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.857341183
R Square	0.735033903
Adjusted R Square	0.646711871
Standard Error	992.159895
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	24576662.69	8192220.895	8.322203247	0.005806793
Residual	9	8859431.315	984381.2572		
Total	12	33436094			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	484.0641147	1254.058878	0.385997917	0.708464356	-2352.814158	3320.942387	-2352.81416	3320.942387
Major Tenant GLFA (m2)	0.539622728	0.364841838	1.479059339	0.173250746	-0.285706849	1.364952306	-0.28570685	1.364952306
Other Tenants GLFA (m2	0.667354111	0.249205762	2.67792408	0.02529194	0.103611512	1.231096711	0.103611512	1.231096711
Avg Weekend Staff Numb	5.574661366	6.861205339	0.812490093	0.437473332	-9.946463438	21.09578617	-9.94646344	21.09578617

Saturday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.845930807
R Square	0.71559893
Adjusted R Square	0.658718716
Standard Error	975.1543933
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	23926833.09	11963416.55	12.58080587	0.001860613
Residual	10	9509260.907	950926.0907		
Total	12	33436094			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	720.6223488	1198.885545	0.601076851	0.561165532	-1950.661114	3391.905811	-1950.661114	3391.905811
Major Tenant GLFA (m2)	0.592645146	0.352805453	1.679807215	0.123916358	-0.193454392	1.378744683	-0.193454392	1.378744683
Other Tenants GLFA (m2	0.757764019	0.219160984	3.45756807	0.006147742	0.269442917	1.246085122	0.269442917	1.246085122

Saturday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.723813954
R Square	0.523906639
Adjusted R Square	0.428687967
Standard Error	1261.6934
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	17517391.64	8758695.821	5.502141835	0.024460235
Residual	10	15918702.36	1591870.236		
Total	12	33436094			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-328.923811	1547.305247	-0.21257849	0.835926441	-3776.534747	3118.687126	-3776.53475	3118.687126
Major Tenant GLFA (m2)	0.8502099	0.439889065	1.93278253	0.082055692	-0.129924016	1.830343816	-0.12992402	1.830343816
Avg Weekend Staff Numb	13.77890502	7.807033224	1.764934851	0.108036228	-3.616249028	31.17405906	-3.61624903	31.17405906

Daily Vehicle Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Sunday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.490540012
R Square	0.240629503
Adjusted R Square	-0.26561749
Standard Error	1008.204662
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	966304.0767	483152.0383	0.475320355	0.661729628
Residual	3	3049429.923	1016476.641		
Total	5	4015734			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1898.169025	1750.420009	1.084407751	0.357550961	-3672.448667	7468.786716	-3672.44867	7468.786716
GLFA (m2)	0.352418873	1.235677843	0.285202875	0.794045383	-3.580059512	4.284897259	-3.58005951	4.284897259
Parking Spaces	0.257414307	26.34767467	0.009769906	0.992818244	-83.59264561	84.10747422	-83.5926456	84.10747422

Sunday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.609372583
R Square	0.371334945
Adjusted R Square	-0.047775092
Standard Error	917.3424727
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1491182.363	745591.1817	0.886008237	0.498458471
Residual	3	2524551.637	841517.2122		
Total	5	4015734			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2303.485206	1664.557384	1.383842473	0.260392308	-2993.87929	7600.849703	-2993.87929	7600.849703
GLFA (m2)	0.542338363	0.407890168	1.329618622	0.275703859	-0.755750194	1.84042692	-0.755750194	1.84042692
Avg Weekend Staff Numb	-14.89442272	18.85757039	-0.789837843	0.487295911	-74.90762794	45.1187825	-74.90762794	45.1187825

Sunday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.936785712
R Square	0.877567471
Adjusted R Square	0.693918677
Standard Error	495.810685
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	3524077.529	1174692.51	4.778509303	0.177907332
Residual	2	491656.4708	245828.2354		
Total	5	4015734			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-377.115166	1295.503012	-0.29109555	0.798390973	-5951.214736	5196.984404	-5951.21474	5196.984404
Major Tenant GLFA (m2)	1.094027017	0.292244689	3.743530879	0.064527145	-0.163400391	2.351454425	-0.16340039	2.351454425
Other Tenants GLFA (m2	-0.61374478	0.458499787	-1.33859339	0.312576907	-2.586510144	1.359020576	-2.58651014	1.359020576
Avg Weekend Staff Numb	12.30020836	13.90366721	0.884673674	0.469660462	-47.52244333	72.12286004	-47.5224433	72.12286004

Sunday - Daily Vehicles - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.910854936
R Square	0.829656714
Adjusted R Square	0.716094523
Standard Error	477.5120686
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	3331680.673	1665840.336	7.305747684	0.070305214
Residual	3	684053.327	228017.7757		
Total	5	4015734			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	364.5054613	951.2632693	0.383180422	0.727125927	-2662.838815	3391.849738	-2662.838815	3391.849738
Major Tenant GLFA (m2)	1.057765012	0.278676819	3.795669173	0.032098971	0.170890998	1.944639025	0.170890998	1.944639025
Other Tenants GLFA (m2	-0.292665228	0.269837804	-1.084596836	0.357479231	-1.15140955	0.566079093	-1.15140955	0.566079093

Sunday - Daily Vehicles - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.876286593
R Square	0.767878193
Adjusted R Square	0.613130321
Standard Error	557.4164912
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	3083594.566	1541797.283	4.962124421	0.111834015
Residual	3	932139.434	310713.1447		
Total	5	4015734			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	370.860897	1314.027569	0.282232204	0.796116502	-3810.961284	4552.683078	-3810.96128	4552.683078
Major Tenant GLFA (m2)	1.010751822	0.321026318	3.148501428	0.051324806	-0.010897199	2.032400843	-0.0108972	2.032400843
Avg Weekend Staff Numb	-2.43202032	9.551871697	-0.25461191	0.81547841	-32.83033911	27.96629847	-32.8303391	27.96629847

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

/ednesday/Thursday - AM Peak - MULTIPLE REGRESSION

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Parking Spaces
1	606	5142	200
2	364	3445	163
3	460	3182	119
4	470	4976	236
7	650	6394	279
8	536	4740	267
9	1144	9700	576
11	476	4027	173
13	544	4831	226
14	1010	5028	198
16	610	4933	217
17	256	5000	131
18	1196	9505	493

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	606	5142	70
2	364	3445	78.5
3	460	3182	84.5
4	470	4976	85
7	650	6394	122.5
8	536	4740	51.5
9	1144	9700	176
11	476	4027	40
13	544	4831	108.5
14	1010	5028	105.5
16	610	4933	197.5
17	256	5000	100
18	1196	9505	198

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr AM Peak			
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	606	3844	1298	70
2	364	2150	1295	78.5
3	460	2540	642	84.5
4	470	3800	1176	85
7	650	3833	2561	122.5
8	536	4331	409	51.5
9	1144	4277	5423	176
11	476	3847	180	40
13	544	3500	1331	108.5
14	1010	3084	1944	105.5
16	610	3633	1300	197.5
17	256	3013	1987	100
18	1196	5743	3762	198

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	606	3844	1298
2	364	2150	1295
3	460	2540	642
4	470	3800	1176
7	650	3833	2561
8	536	4331	409
9	1144	4277	5423
11	476	3847	180
13	544	3500	1331
14	1010	3084	1944
16	610	3633	1300
17	256	3013	1987
18	1196	5743	3762

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	606	3844	70
2	364	2150	78.5
3	460	2540	84.5
4	470	3800	85
7	650	3833	122.5
8	536	4331	51.5
9	1144	4277	176
11	476	3847	40
13	544	3500	108.5
14	1010	3084	105.5
16	610	3633	197.5
17	256	3013	100
18	1196	5743	198

/ednesday/Thursday - PM Peak - MULTIPLE REGRESSION

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Parking Spaces
1	714	5142	200
2	578	3445	163
3	666	3182	119
4	1108	4976	236
7	772	6394	279
8	628	4740	267
9	1378	9700	576
11	632	4027	173
13	776	4831	226
14	872	5028	198
16	1036	4933	217
17	478	5000	131
18	1234	9505	493

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	714	5142	70
2	578	3445	78.5
3	666	3182	84.5
4	1108	4976	85
7	772	6394	122.5
8	628	4740	51.5
9	1378	9700	176
11	632	4027	40
13	776	4831	108.5
14	872	5028	105.5
16	1036	4933	197.5
17	478	5000	100
18	1234	9505	198

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr PM Peak			
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	714	3844	1298	70
2	578	2150	1295	78.5
3	666	2540	642	84.5
4	1108	3800	1176	85
7	772	3833	2561	122.5
8	628	4331	409	51.5
9	1378	4277	5423	176
11	632	3847	180	40
13	776	3500	1331	108.5
14	872	3084	1944	105.5
16	1036	3633	1300	197.5
17	478	3013	1987	100
18	1234	5743	3762	198

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 4

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	714	3844	1298
2	578	2150	1295
3	666	2540	642
4	1108	3800	1176
7	772	3833	2561
8	628	4331	409
9	1378	4277	5423
11	632	3847	180
13	776	3500	1331
14	872	3084	1944
16	1036	3633	1300
17	478	3013	1987
18	1234	5743	3762

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 5

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	714	3844	70
2	578	2150	78.5
3	666	2540	84.5
4	1108	3800	85
7	772	3833	122.5
8	628	4331	51.5
9	1378	4277	176
11	632	3847	40
13	776	3500	108.5
14	872	3084	105.5
16	1036	3633	197.5
17	478	3013	100
18	1234	5743	198

Friday - AM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Parking Spaces
1	536	5142	200
2	474	3445	163
3	358	3182	119
4	576	4976	236
7	564	6394	279
8	574	4740	267
9	1412	9700	576
11	512	4027	173
13	604	4831	226
14	1018	5028	198
16	582	4933	217
17	430	5000	131
18	1136	9505	493

Friday - AM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	536	5142	70
2	474	3445	78.5
3	358	3182	84.5
4	576	4976	85
7	564	6394	122.5
8	574	4740	51.5
9	1412	9700	176
11	512	4027	40
13	604	4831	108.5
14	1018	5028	105.5
16	582	4933	197.5
17	430	5000	100
18	1136	9505	198

Friday - AM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr AM Peak			
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	536	3844	1298	70
2	474	2150	1295	78.5
3	358	2540	642	84.5
4	576	3800	1176	85
7	564	3833	2561	122.5
8	574	4331	409	51.5
9	1412	4277	5423	176
11	512	3847	180	40
13	604	3500	1331	108.5
14	1018	3084	1944	105.5
16	582	3633	1300	197.5
17	430	3013	1987	100
18	1136	5743	3762	198

Friday - AM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	536	3844	1298
2	474	2150	1295
3	358	2540	642
4	576	3800	1176
7	564	3833	2561
8	574	4331	409
9	1412	4277	5423
11	512	3847	180
13	604	3500	1331
14	1018	3084	1944
16	582	3633	1300
17	430	3013	1987
18	1136	5743	3762

Friday - AM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	536	3844	70
2	474	2150	78.5
3	358	2540	84.5
4	576	3800	85
7	564	3833	122.5
8	574	4331	51.5
9	1412	4277	176
11	512	3847	40
13	604	3500	108.5
14	1018	3084	105.5
16	582	3633	197.5
17	430	3013	100
18	1136	5743	198

Friday - PM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Parking Spaces
1	642	5142	200
2	470	3445	163
3	448	3182	119
4	1136	4976	236
7	730	6394	279
8	594	4740	267
9	1334	9700	576
11	866	4027	173
13	916	4831	226
14	1006	5028	198
16	1058	4933	217
17	620	5000	131
18	1120	9505	493

Friday - PM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	642	5142	70
2	470	3445	78.5
3	448	3182	84.5
4	1136	4976	85
7	730	6394	122.5
8	594	4740	51.5
9	1334	9700	176
11	866	4027	40
13	916	4831	108.5
14	1006	5028	105.5
16	1058	4933	197.5
17	620	5000	100
18	1120	9505	198

Friday - PM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr PM Peak			
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	642	3844	1298	70
2	470	2150	1295	78.5
3	448	2540	642	84.5
4	1136	3800	1176	85
7	730	3833	2561	122.5
8	594	4331	409	51.5
9	1334	4277	5423	176
11	866	3847	180	40
13	916	3500	1331	108.5
14	1006	3084	1944	105.5
16	1058	3633	1300	197.5
17	620	3013	1987	100
18	1120	5743	3762	198

Friday - PM Peak - MULTIPLE REGRESSION 4

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	642	3844	1298
2	470	2150	1295
3	448	2540	642
4	1136	3800	1176
7	730	3833	2561
8	594	4331	409
9	1334	4277	5423
11	866	3847	180
13	916	3500	1331
14	1006	3084	1944
16	1058	3633	1300
17	620	3013	1987
18	1120	5743	3762

Friday - PM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	642	3844	70
2	470	2150	78.5
3	448	2540	84.5
4	1136	3800	85
7	730	3833	122.5
8	594	4331	51.5
9	1334	4277	176
11	866	3847	40
13	916	3500	108.5
14	1006	3084	105.5
16	1058	3633	197.5
17	620	3013	100
18	1120	5743	198

Saturday - Peak - MULTIPLE REGRESSION 1

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Parking Spaces
1	760	5142	200
2	684	3445	163
3	610	3182	119
4	984	4976	236
7	1072	6394	279
8	874	4740	267
9	1942	9700	576
11	950	4027	173
13	828	4831	226
14	908	5028	198
16	1146	4933	217
17	560	5000	131
18	1370	9505	493

Saturday - Peak - MULTIPLE REGRESSION 2

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	760	5142	63
2	684	3445	71.65
3	610	3182	90.05
4	984	4976	90.5
7	1072	6394	124.25
8	874	4740	49.85
9	1942	9700	140
11	950	4027	50
13	828	4831	100.65
14	908	5028	98.45
16	1146	4933	219.75
17	560	5000	100
18	1370	9505	184.2

Saturday - Peak - MULTIPLE REGRESSION 3

	Saturday 1-hr Peak			
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	760	3844	1298	63
2	684	2150	1295	71.65
3	610	2540	642	90.05
4	984	3800	1176	90.5
7	1072	3833	2561	124.25
8	874	4331	409	49.85
9	1942	4277	5423	140
11	950	3847	180	50
13	828	3500	1331	100.65
14	908	3084	1944	98.45
16	1146	3633	1300	219.75
17	560	3013	1987	100
18	1370	5743	3762	184.2

Saturday - Peak - MULTIPLE REGRESSION 4

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	760	3844	1298
2	684	2150	1295
3	610	2540	642
4	984	3800	1176
7	1072	3833	2561
8	874	4331	409
9	1942	4277	5423
11	950	3847	180
13	828	3500	1331
14	908	3084	1944
16	1146	3633	1300
17	560	3013	1987
18	1370	5743	3762

Saturday - Peak - MULTIPLE REGRESSION 5

	Saturday 1-hr AM Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	760	3844	63
2	684	2150	71.65
3	610	2540	90.05
4	984	3800	90.5
7	1072	3833	124.25
8	874	4331	49.85
9	1942	4277	140
11	950	3847	50
13	828	3500	100.65
14	908	3084	98.45
16	1146	3633	219.75
17	560	3013	100
18	1370	5743	184.2

Sunday - Peak - MULTIPLE REGRESSION 1

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Parking Spaces
1	736	5142	200
2	582	3445	163
3	640	3182	119
4	1172	4976	236
7	714	6394	279
11	1046	4027	173

Sunday - Peak - MULTIPLE REGRESSION 2

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	736	5142	63
2	582	3445	71.65
3	640	3182	90.05
4	1172	4976	90.5
7	714	6394	124.25
11	1046	4027	50

Sunday - Peak - MULTIPLE REGRESSION 3

	Sunday 1-hr Peak			
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	736	3844	1298	63
2	582	2150	1295	71.65
3	640	2540	642	90.05
4	1172	3800	1176	90.5
7	714	3833	2561	124.25
11	1046	3847	180	50

Sunday - Peak - MULTIPLE REGRESSION 4

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	736	3844	1298
2	582	2150	1295
3	640	2540	642
4	1172	3800	1176
7	714	3833	2561
11	1046	3847	180

Sunday - Peak - MULTIPLE REGRESSION 5

	Sunday 1-hr AM Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	736	3844	63
2	582	2150	71.65
3	640	2540	90.05
4	1172	3800	90.5
7	714	3833	124.25
11	1046	3847	50

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.827632432
R Square	0.684975442
Adjusted R Square	0.62197053
Standard Error	180.4873175
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	708310.9747	354155.4873	10.87177848	0.003102573
Residual	10	325756.7176	32575.67176		
Total	12	1034067.692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-21.7087375	221.8967965	-0.09783259	0.923998388	-516.125611	472.708136	-516.125611	472.708136
Major Tenant GLFA (m2)	0.121780658	0.065299311	1.864960848	0.09176451	-0.023715273	0.26727659	-0.02371527	0.26727659
Other Tenants GLFA (m2	0.120476367	0.040563605	2.970060623	0.014044363	0.030095022	0.210857712	0.030095022	0.210857712

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.831319318
R Square	0.691091809
Adjusted R Square	0.62931017
Standard Error	178.7266014
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	714635.7117	357317.8559	11.18603889	0.002812854
Residual	10	319431.9806	31943.19806		
Total	12	1034067.692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-24.45234109	149.0096832	-0.164099007	0.87292257	-356.4666055	307.5619233	-356.4666055	307.5619233
GLFA (m2)	0.109110577	0.036924157	2.954991728	0.014411059	0.026838429	0.191382725	0.026838429	0.191382725
Avg Weekday Staff Numb	0.637469614	1.431852946	0.445206064	0.665653227	-2.552897566	3.827836794	-2.552897566	3.827836794

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.831626716
R Square	0.691602995
Adjusted R Square	0.588803994
Standard Error	188.2384359
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	715164.3135	238388.1045	6.727720944	0.011231215
Residual	9	318903.3788	35433.70876		
Total	12	1034067.692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-46.3218335	238.0972446	-0.19455006	0.850065895	-584.9352208	492.2915538	-584.935221	492.2915538
Major Tenant GLFA (m2)	0.116117936	0.069310143	1.675338277	0.128188131	-0.040672501	0.272908372	-0.0406725	0.272908372
Other Tenants GLFA (m2	0.104137863	0.056302369	1.849617792	0.09741019	-0.023226944	0.231502669	-0.02322694	0.231502669
Avg Weekday Staff Numt	0.684518789	1.55647653	0.439787414	0.670462391	-2.836475742	4.205513319	-2.83647574	4.205513319

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.827632432
R Square	0.684975442
Adjusted R Square	0.62197053
Standard Error	180.4873175
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	708310.9747	354155.4873	10.87177848	0.003102573
Residual	10	325756.7176	32575.67176		
Total	12	1034067.692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-21.70873747	221.8967965	-0.097832586	0.923998388	-516.125611	472.708136	-516.125611	472.708136
Major Tenant GLFA (m2)	0.121780658	0.065299311	1.864960848	0.09176451	-0.023715273	0.26727659	-0.023715273	0.26727659
Other Tenants GLFA (m2	0.120476367	0.040563605	2.970060623	0.014044363	0.030095022	0.210857712	0.030095022	0.210857712

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.757875268
R Square	0.574374921
Adjusted R Square	0.489249906
Standard Error	209.7915973
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	593942.5494	296971.2747	6.747428078	0.013968059
Residual	10	440125.1429	44012.51429		
Total	12	1034067.692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-165.779767	255.4101867	-0.64907265	0.53091517	-734.869127	403.3095935	-734.869127	403.3095935
Major Tenant GLFA (m2)	0.143168738	0.075506836	1.896102993	0.087180814	-0.025070977	0.311408452	-0.02507098	0.311408452
Avg Weekday Staff Numt	2.584141731	1.303448447	1.982542337	0.075552475	-0.320122396	5.488405858	-0.3201224	5.488405858

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.827105508
R Square	0.684103521
Adjusted R Square	0.620924225
Standard Error	168.4766957
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	614690.7994	307345.3997	10.82797002	0.003145748
Residual	10	283843.9698	28384.39698		
Total	12	898534.7692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	417.4615342	180.6192688	2.311279062	0.043412755	15.01672402	819.9063444	15.01672402	819.9063444
GLFA (m2)	-0.00228507	0.079334097	-0.02880314	0.977588326	-0.179052454	0.174482313	-0.17905245	0.174482313
Parking Spaces	1.710499824	1.181829483	1.447332165	0.178415679	-0.922780364	4.343780013	-0.92278036	4.343780013

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.831035545
R Square	0.690620076
Adjusted R Square	0.628744092
Standard Error	166.7299068
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	620546.1509	310273.0755	11.16135895	0.002834397
Residual	10	277988.6183	27798.86183		
Total	12	898534.7692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	236.0548368	139.0076821	1.698142385	0.120327649	-73.67358036	545.783254	-73.67358036	545.783254
GLFA (m2)	0.069123025	0.03444569	2.006724896	0.072569969	-0.007626757	0.145872806	-0.007626757	0.145872806
Avg Weekday Staff Numb	2.04744784	1.335742449	1.532816331	0.156325774	-0.928771807	5.023667488	-0.928771807	5.023667488

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.834361658
R Square	0.696159376
Adjusted R Square	0.594879168
Standard Error	174.1682982
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	625523.4045	208507.8015	6.873597423	0.010529924
Residual	9	273011.3648	30334.59609		
Total	12	898534.7692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	168.9476114	220.3003424	0.766896726	0.462784662	-329.4063861	667.301609	-329.406386	667.301609
Major Tenant GLFA (m2)	0.090625324	0.064129462	1.413162081	0.191246512	-0.054445598	0.235696247	-0.0544456	0.235696247
Other Tenants GLFA (m2	0.053864094	0.052093972	1.033979408	0.32812885	-0.063980657	0.171708845	-0.06398066	0.171708845
Avg Weekday Staff Numt	2.191819713	1.440135576	1.521953731	0.162348918	-1.065993296	5.449632721	-1.0659933	5.449632721

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.786103982
R Square	0.617959471
Adjusted R Square	0.541551365
Standard Error	185.2772784
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	555258.0704	277629.0352	8.087616669	0.008138553
Residual	10	343276.6989	34327.66989		
Total	12	898534.7692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	247.7584053	227.7857255	1.087681876	0.302255506	-259.7798196	755.2966301	-259.7798196	755.2966301
Major Tenant GLFA (m2)	0.108757283	0.067032292	1.622461054	0.135769824	-0.040599971	0.258114538	-0.040599971	0.258114538
Other Tenants GLFA (m2	0.106179759	0.041640125	2.54993855	0.028866998	0.01339978	0.198959739	0.01339978	0.198959739

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.81244448
R Square	0.660066033
Adjusted R Square	0.59207924
Standard Error	174.7691301
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	593092.2808	296546.1404	9.708739015	0.004539132
Residual	10	305442.4884	30544.24884		
Total	12	898534.7692			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	107.15939	212.7721831	0.503634396	0.625426844	-366.9265779	581.2453578	-366.926578	581.2453578
Major Tenant GLFA (m2)	0.104617036	0.062901776	1.663180957	0.127253603	-0.035536855	0.244770926	-0.03553685	0.244770926
Avg Weekday Staff Numt	3.174377504	1.085851646	2.923398897	0.015211695	0.754949264	5.593805745	0.754949264	5.593805745

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - AM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.882231681
R Square	0.778332739
Adjusted R Square	0.733999286
Standard Error	160.7789823
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	907658.1116	453829.0558	17.55633046	0.00053519
Residual	10	258498.8115	25849.88115		
Total	12	1166156.923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	87.90640572	172.3667603	0.509996275	0.62112053	-296.1506696	471.9634811	-296.15067	471.9634811
GLFA (m2)	0.039975462	0.075709316	0.528012465	0.609007033	-0.128715405	0.20866633	-0.12871541	0.20866633
Parking Spaces	1.463952567	1.127831602	1.29802407	0.223418072	-1.049012844	3.976917978	-1.04901284	3.976917978

Friday - AM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.860815632
R Square	0.741003553
Adjusted R Square	0.689204263
Standard Error	173.7902471
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	864126.4231	432063.2115	14.30528412	0.001165384
Residual	10	302030.5	30203.05		
Total	12	1166156.923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-53.67723614	144.8940978	-0.370458403	0.718767302	-376.5214048	269.1669326	-376.5214048	269.1669326
GLFA (m2)	0.132866706	0.035904327	3.700576446	0.004104593	0.05286688	0.212866531	0.05286688	0.212866531
Avg Weekday Staff Numb	0.037499843	1.392305764	0.026933626	0.979042588	-3.064750725	3.13975041	-3.064750725	3.13975041

Friday - AM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.874629489
R Square	0.764976742
Adjusted R Square	0.686635657
Standard Error	174.506924
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	892082.9242	297360.9747	9.764694148	0.003437975
Residual	9	274073.9988	30452.66654		
Total	12	1166156.923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	105.3662214	220.7286603	0.477356322	0.644487384	-393.9566985	604.6891414	-393.956699	604.6891414
Major Tenant GLFA (m2)	0.081906469	0.064254146	1.274726607	0.234330976	-0.063446507	0.227259445	-0.06344651	0.227259445
Other Tenants GLFA (m2	0.16903022	0.052195255	3.238421189	0.010184368	0.05095635	0.28710409	0.05095635	0.28710409
Avg Weekday Staff Numt	-0.30466006	1.442935553	-0.21113906	0.837482119	-3.568807057	2.959486936	-3.56880706	2.959486936

Friday - AM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.87396373
R Square	0.763812602
Adjusted R Square	0.716575122
Standard Error	165.9613117
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	890725.3534	445362.6767	16.16963071	0.000734994
Residual	10	275431.5697	27543.15697		
Total	12	1166156.923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	94.41162463	204.0380672	0.462715737	0.653473157	-360.2135202	549.0367695	-360.2135202	549.0367695
Major Tenant GLFA (m2)	0.079386151	0.060043882	1.322135532	0.215566013	-0.054399957	0.213172258	-0.054399957	0.213172258
Other Tenants GLFA (m2	0.161758411	0.03729896	4.336807592	0.001473732	0.07865115	0.244865672	0.07865115	0.244865672

Friday - AM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.700794343
R Square	0.491112711
Adjusted R Square	0.389335253
Standard Error	243.6067394
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	572714.488	286357.244	4.825358402	0.034127778
Residual	10	593442.435	59344.2435		
Total	12	1166156.923			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-88.5306013	296.5783359	-0.29850664	0.771427157	-749.3483142	572.2871116	-749.348314	572.2871116
Major Tenant GLFA (m2)	0.125813679	0.087677363	1.434961934	0.181825452	-0.069543661	0.321171019	-0.06954366	0.321171019
Avg Weekday Staff Numt	2.778691902	1.513544062	1.835884381	0.096244831	-0.593694426	6.15107823	-0.59369443	6.15107823

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - PM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.70579325
R Square	0.498144111
Adjusted R Square	0.397772934
Standard Error	217.4666614
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	469419.7426	234709.8713	4.963019493	0.031834287
Residual	10	472917.4882	47291.74882		
Total	12	942337.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	397.6570792	233.1400744	1.70565734	0.118884071	-121.8113786	917.1255369	-121.811379	917.1255369
GLFA (m2)	0.04108648	0.102403012	0.401223356	0.696695196	-0.18708165	0.269254611	-0.18708165	0.269254611
Parking Spaces	0.871660542	1.52548405	0.571399315	0.580343695	-2.527329739	4.270650822	-2.52732974	4.270650822

Friday - PM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.722136155
R Square	0.521480626
Adjusted R Square	0.425776752
Standard Error	212.3503288
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	491410.6093	245705.3046	5.448897734	0.025089825
Residual	10	450926.6215	45092.66215		
Total	12	942337.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	301.1730976	177.0427847	1.701131724	0.119751528	-93.30280953	695.6490047	-93.30280953	695.6490047
GLFA (m2)	0.068088016	0.043870676	1.552016572	0.151705835	-0.029661941	0.165837973	-0.029661941	0.165837973
Avg Weekday Staff Numb	1.549985992	1.701226575	0.911099095	0.383679962	-2.240583035	5.34055502	-2.240583035	5.34055502

Friday - PM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.732596594
R Square	0.53669777
Adjusted R Square	0.382263693
Standard Error	220.2490864
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	505750.2901	168583.43	3.47525482	0.06383144
Residual	9	436586.9407	48509.66008		
Total	12	942337.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	187.2677425	278.5865721	0.672206636	0.518334927	-442.9388672	817.4743521	-442.938867	817.4743521
Major Tenant GLFA (m2)	0.104585235	0.081096592	1.289637847	0.229329389	-0.078868002	0.288038472	-0.078868	0.288038472
Other Tenants GLFA (m2	0.042188064	0.065876797	0.640408546	0.537868281	-0.106835605	0.191211732	-0.1068356	0.191211732
Avg Weekday Staff Numt	1.795037539	1.821161189	0.985655498	0.350057119	-2.324715289	5.914790367	-2.32471529	5.914790367

Friday - PM Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.697628845
R Square	0.486686005
Adjusted R Square	0.384023206
Standard Error	219.9351924
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	458622.3422	229311.1711	4.74062669	0.035638181
Residual	10	483714.8885	48371.48885		
Total	12	942337.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	251.8115243	270.3952573	0.931271972	0.37364959	-350.6666538	854.2897025	-350.6666538	854.2897025
Major Tenant GLFA (m2)	0.11943479	0.079571333	1.500977609	0.164258308	-0.05786119	0.296730769	-0.05786119	0.296730769
Other Tenants GLFA (m2	0.085033095	0.049429314	1.720296869	0.116116812	-0.025102281	0.195168471	-0.025102281	0.195168471

Friday - PM Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.718042786
R Square	0.515585442
Adjusted R Square	0.41870253
Standard Error	213.6543641
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	485855.3576	242927.6788	5.321737687	0.026673864
Residual	10	456481.8732	45648.18732		
Total	12	942337.2308			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	138.8732509	260.1129013	0.533896051	0.605077547	-440.6944104	718.4409122	-440.69441	718.4409122
Major Tenant GLFA (m2)	0.115543986	0.076897098	1.50257928	0.163851036	-0.055793425	0.286881398	-0.05579343	0.286881398
Avg Weekday Staff Numt	2.564607914	1.327448062	1.931983622	0.082164258	-0.393130687	5.522346514	-0.39313069	5.522346514

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Saturday - Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.930125042
R Square	0.865132594
Adjusted R Square	0.838159113
Standard Error	147.0399798
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1386904.443	693452.2217	32.07344983	4.46206E-05
Residual	10	216207.5565	21620.75565		
Total	12	1603112			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	418.4529168	157.6375505	2.654525621	0.024124921	67.2145659	769.6912676	67.2145659	769.6912676
GLFA (m2)	-0.04067263	0.069239748	-0.58741733	0.569948477	-0.194948401	0.113603145	-0.1949484	0.113603145
Parking Spaces	3.090885724	1.031455316	2.996625909	0.013420814	0.79266006	5.389111387	0.79266006	5.389111387

Saturday - Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.866385676
R Square	0.750624139
Adjusted R Square	0.700748967
Standard Error	199.9443511
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1203334.565	601667.2824	15.05005609	0.000964433
Residual	10	399777.4352	39977.74352		
Total	12	1603112			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	98.62076418	171.3995878	0.575385072	0.577747473	-283.2813165	480.5228449	-283.2813165	480.5228449
GLFA (m2)	0.147057141	0.034536623	4.25800578	0.001668278	0.070104749	0.224009533	0.070104749	0.224009533
Avg Weekend Staff Numt	0.708313817	1.376901837	0.514425792	0.618131042	-2.35961466	3.776242295	-2.35961466	3.776242295

Saturday - Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.867032814
R Square	0.7517459
Adjusted R Square	0.668994534
Standard Error	210.2852894
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	1205132.874	401710.9579	9.084392576	0.004369111
Residual	9	397979.1264	44219.90293		
Total	12	1603112			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	138.01001	265.7939868	0.519236765	0.616121786	-463.257761	739.277781	-463.257761	739.277781
Major Tenant GLFA (m2)	0.133290672	0.077327124	1.723724669	0.11884943	-0.041635436	0.30821678	-0.04163544	0.30821678
Other Tenants GLFA (m2	0.154790112	0.052818408	2.930609212	0.016740413	0.035306573	0.274273651	0.035306573	0.274273651
Avg Weekend Staff Numt	0.681486179	1.454211723	0.46862927	0.650477686	-2.608169286	3.971141644	-2.60816929	3.971141644

Saturday - Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.863532357
R Square	0.745688131
Adjusted R Square	0.694825757
Standard Error	201.9134491
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1195421.591	597710.7954	14.6608991	0.001063734
Residual	10	407690.4093	40769.04093		
Total	12	1603112			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	166.9285678	248.2387581	0.672451671	0.516532288	-386.1818537	720.0389892	-386.1818537	720.0389892
Major Tenant GLFA (m2)	0.139772508	0.073051166	1.913350808	0.08473473	-0.022995634	0.302540651	-0.022995634	0.302540651
Other Tenants GLFA (m2	0.165842461	0.045379019	3.654606539	0.004428417	0.064731705	0.266953217	0.064731705	0.266953217

Saturday - Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.717525851
R Square	0.514843347
Adjusted R Square	0.417812017
Standard Error	278.8835692
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	825351.5484	412675.7742	5.305949581	0.026878805
Residual	10	777760.4516	77776.04516		
Total	12	1603112			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-50.5592817	342.0149537	-0.14782769	0.885416957	-812.6160881	711.4975247	-812.616088	711.4975247
Major Tenant GLFA (m2)	0.205330122	0.097232681	2.111739783	0.060863784	-0.011317794	0.421978037	-0.01131779	0.421978037
Avg Weekend Staff Numt	2.584427619	1.72565957	1.497646271	0.165108219	-1.260581514	6.429436752	-1.26058151	6.429436752

Peak Period Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Sunday - Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.454486074
R Square	0.206557592
Adjusted R Square	-0.32240401
Standard Error	273.1803254
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	58283.52945	29141.76472	0.390496379	0.706761874
Residual	3	223882.4706	74627.49018		
Total	5	282166			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	673.5969477	474.2889273	1.420224907	0.250630066	-835.8020965	2182.995992	-835.802096	2182.995992
GLFA (m2)	-0.21106928	0.334815824	-0.63040414	0.573178315	-1.276602666	0.854464101	-1.27660267	0.854464101
Parking Spaces	5.625920039	7.139092497	0.788044144	0.488200272	-17.0938585	28.34569858	-17.0938585	28.34569858

Sunday - Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.426554413
R Square	0.181948667
Adjusted R Square	-0.363418888
Standard Error	277.3843737
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	51339.72771	25669.86385	0.333625765	0.739896264
Residual	3	230826.2723	76942.09076		
Total	5	282166			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	743.4010246	503.3258801	1.476977549	0.236183331	-858.4065627	2345.208612	-858.4065627	2345.208612
GLFA (m2)	0.089331009	0.123337098	0.724283371	0.521265538	-0.303182683	0.481844702	-0.303182683	0.481844702
Avg Weekend Staff Numt	-4.08044202	5.702118356	-0.715601074	0.525905951	-22.22712751	14.06624348	-22.22712751	14.06624348

Sunday - Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.822235949
R Square	0.676071956
Adjusted R Square	0.190179891
Standard Error	213.7773145
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	190764.5196	63588.1732	1.391403573	0.444109333
Residual	2	91401.48039	45700.74019		
Total	5	282166			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	41.38894598	558.5784315	0.074096928	0.947677328	-2361.980067	2444.757959	-2361.98007	2444.757959
Major Tenant GLFA (m2)	0.23381062	0.12600633	1.855546625	0.204664113	-0.308350859	0.775972099	-0.30835086	0.775972099
Other Tenants GLFA (m2	-0.21343114	0.197690078	-1.07962495	0.393199992	-1.064022896	0.637160614	-1.0640229	0.637160614
Avg Weekend Staff Numt	3.041454883	5.994805534	0.507348381	0.66232276	-22.75211151	28.83502128	-22.7521115	28.83502128

Sunday - Peak Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.79648103
R Square	0.634382032
Adjusted R Square	0.390636719
Standard Error	185.4408798
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	179001.0403	89500.52016	2.602643003	0.221075847
Residual	3	103164.9597	34388.31989		
Total	5	282166			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	224.7684151	369.4212338	0.608433935	0.585873654	-950.8948256	1400.431656	-950.8948256	1400.431656
Major Tenant GLFA (m2)	0.224844166	0.108223599	2.077589073	0.12930014	-0.119571626	0.569259958	-0.119571626	0.569259958
Other Tenants GLFA (m2	-0.13403826	0.104790984	-1.279101064	0.290826733	-0.467529941	0.199453421	-0.467529941	0.199453421

Sunday - Peak Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.698060389
R Square	0.487288307
Adjusted R Square	0.145480511
Standard Error	219.5979718
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	137496.1923	68748.09616	1.425620811	0.367121512
Residual	3	144669.8077	48223.26922		
Total	5	282166			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	301.4993188	517.6699892	0.582416066	0.601170249	-1345.957626	1948.956263	-1345.95763	1948.956263
Major Tenant GLFA (m2)	0.204851482	0.126470475	1.619757357	0.203724144	-0.197634014	0.607336978	-0.19763401	0.607336978
Avg Weekend Staff Numt	-2.08171106	3.763024031	-0.55320164	0.618679839	-14.05733299	9.893910863	-14.057333	9.893910863

Daily Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 1

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	6180	5142	200
2	4746	3445	163
3	5120	3182	119
4	7436	4976	236
7	7222	6394	279
8	4184	4740	267
9	12580	9700	576
11	6392	4027	173
13	6696	4831	226
14	8992	5028	198
16	6900	4933	217
17	3310	5000	131
18	11458	9505	493

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 2

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	6180	5142	70
2	4746	3445	78.5
3	5120	3182	84.5
4	7436	4976	85
7	7222	6394	122.5
8	4184	4740	51.5
9	12580	9700	176
11	6392	4027	40
13	6696	4831	108.5
14	8992	5028	105.5
16	6900	4933	197.5
17	3310	5000	100
18	11458	9505	198

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 3

	Wednesday/Thursday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	6180	3844	1298	70
2	4746	2150	1295	78.5
3	5120	2540	642	84.5
4	7436	3800	1176	85
7	7222	3833	2561	122.5
8	4184	4331	409	51.5
9	12580	4277	5423	176
11	6392	3847	180	40
13	6696	3500	1331	108.5
14	8992	3084	1944	105.5
16	6900	3633	1300	197.5
17	3310	3013	1987	100
18	11458	5743	3762	198

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 4

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	6180	3844	1298
2	4746	2150	1295
3	5120	2540	642
4	7436	3800	1176
7	7222	3833	2561
8	4184	4331	409
9	12580	4277	5423
11	6392	3847	180
13	6696	3500	1331
14	8992	3084	1944
16	6900	3633	1300
17	3310	3013	1987
18	11458	5743	3762

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 5

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	6180	3844	70
2	4746	2150	78.5
3	5120	2540	84.5
4	7436	3800	85
7	7222	3833	122.5
8	4184	4331	51.5
9	12580	4277	176
11	6392	3847	40
13	6696	3500	108.5
14	8992	3084	105.5
16	6900	3633	197.5
17	3310	3013	100
18	11458	5743	198

Friday - Daily - MULTIPLE REGRESSION 1

	Friday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	4658	5142	200
2	4066	3445	163
3	2992	3182	119
4	6730	4976	236
7	4758	6394	279
8	4766	4740	267
9	11392	9700	576
11	5510	4027	173
13	6246	4831	226
14	8428	5028	198
16	5858	4933	217
17	3810	5000	131
18	10338	9505	493

Friday - Daily - MULTIPLE REGRESSION 2

	Friday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
1	4658	5142	70
2	4066	3445	78.5
3	2992	3182	84.5
4	6730	4976	85
7	4758	6394	122.5
8	4766	4740	51.5
9	11392	9700	176
11	5510	4027	40
13	6246	4831	108.5
14	8428	5028	105.5
16	5858	4933	197.5
17	3810	5000	100
18	10338	9505	198

Friday - Daily - MULTIPLE REGRESSION 3

	Friday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekday Staff Numbers
1	4658	3844	1298	70
2	4066	2150	1295	78.5
3	2992	2540	642	84.5
4	6730	3800	1176	85
7	4758	3833	2561	122.5
8	4766	4331	409	51.5
9	11392	4277	5423	176
11	5510	3847	180	40
13	6246	3500	1331	108.5
14	8428	3084	1944	105.5
16	5858	3633	1300	197.5
17	3810	3013	1987	100
18	10338	5743	3762	198

Friday - Daily - MULTIPLE REGRESSION 4

	Friday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	4658	3844	1298
2	4066	2150	1295
3	2992	2540	642
4	6730	3800	1176
7	4758	3833	2561
8	4766	4331	409
9	11392	4277	5423
11	5510	3847	180
13	6246	3500	1331
14	8428	3084	1944
16	5858	3633	1300
17	3810	3013	1987
18	10338	5743	3762

Friday - Daily - MULTIPLE REGRESSION 5

	Friday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
1	4658	3844	70
2	4066	2150	78.5
3	2992	2540	84.5
4	6730	3800	85
7	4758	3833	122.5
8	4766	4331	51.5
9	11392	4277	176
11	5510	3847	40
13	6246	3500	108.5
14	8428	3084	105.5
16	5858	3633	197.5
17	3810	3013	100
18	10338	5743	198

Saturday - Daily - MULTIPLE REGRESSION 1

	Saturday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	5870	5142	200
2	4228	3445	163
3	3982	3182	119
4	7108	4976	236
7	7208	6394	279
8	4468	4740	267
9	13546	9700	576
11	6790	4027	173
13	6290	4831	226
14	7292	5028	198
16	7396	4933	217
17	4372	5000	131
18	10846	9505	493

Saturday - Daily - MULTIPLE REGRESSION 2

	Saturday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	5870	5142	63
2	4228	3445	71.65
3	3982	3182	90.05
4	7108	4976	90.5
7	7208	6394	124.25
8	4468	4740	49.85
9	13546	9700	140
11	6790	4027	50
13	6290	4831	100.65
14	7292	5028	98.45
16	7396	4933	219.75
17	4372	5000	100
18	10846	9505	184.2

Saturday - Daily - MULTIPLE REGRESSION 3

	Saturday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	5870	3844	1298	63
2	4228	2150	1295	71.65
3	3982	2540	642	90.05
4	7108	3800	1176	90.5
7	7208	3833	2561	124.25
8	4468	4331	409	49.85
9	13546	4277	5423	140
11	6790	3847	180	50
13	6290	3500	1331	100.65
14	7292	3084	1944	98.45
16	7396	3633	1300	219.75
17	4372	3013	1987	100
18	10846	5743	3762	184.2

Saturday - Daily - MULTIPLE REGRESSION 4

	Saturday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	5870	3844	1298
2	4228	2150	1295
3	3982	2540	642
4	7108	3800	1176
7	7208	3833	2561
8	4468	4331	409
9	13546	4277	5423
11	6790	3847	180
13	6290	3500	1331
14	7292	3084	1944
16	7396	3633	1300
17	4372	3013	1987
18	10846	5743	3762

Saturday - Daily - MULTIPLE REGRESSION 5

	Saturday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	5870	3844	63
2	4228	2150	71.65
3	3982	2540	90.05
4	7108	3800	90.5
7	7208	3833	124.25
8	4468	4331	49.85
9	13546	4277	140
11	6790	3847	50
13	6290	3500	100.65
14	7292	3084	98.45
16	7396	3633	219.75
17	4372	3013	100
18	10846	5743	184.2

Sunday - Daily - MULTIPLE REGRESSION 1

	Sunday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
1	5872	5142	200
2	3038	3445	163
3	4608	3182	119
4	7760	4976	236
7	3880	6394	279
11	6258	4027	173

Sunday - Daily - MULTIPLE REGRESSION 2

	Sunday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
1	5872	5142	63
2	3038	3445	71.65
3	4608	3182	90.05
4	7760	4976	90.5
7	3880	6394	124.25
11	6258	4027	50

Sunday - Daily - MULTIPLE REGRESSION 3

	Sunday Daily			
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)	Avg Weekend Staff Numbers
1	5872	3844	1298	63
2	3038	2150	1295	71.65
3	4608	2540	642	90.05
4	7760	3800	1176	90.5
7	3880	3833	2561	124.25
11	6258	3847	180	50

Sunday - Daily - MULTIPLE REGRESSION 4

	Sunday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Other Tenants GLFA (m2)
1	5872	3844	1298
2	3038	2150	1295
3	4608	2540	642
4	7760	3800	1176
7	3880	3833	2561
11	6258	3847	180

Sunday - Daily - MULTIPLE REGRESSION 5

	Sunday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
1	5872	3844	63
2	3038	2150	71.65
3	4608	2540	90.05
4	7760	3800	90.5
7	3880	3833	124.25
11	6258	3847	50

Daily Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.863449141
R Square	0.745544419
Adjusted R Square	0.694653302
Standard Error	1483.756613
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	64504034.21	32252017.11	14.64979496	0.001066743
Residual	10	22015336.87	2201533.687		
Total	12	86519371.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1945.816649	1590.694983	1.223249379	0.249278475	-1598.472643	5490.105941	-1598.47264	5490.105941
GLFA (m2)	0.405539106	0.698687081	0.580430234	0.574470264	-1.151232725	1.962310936	-1.15123272	1.962310936
Parking Spaces	11.33814653	10.40824848	1.089342415	0.301557463	-11.85287628	34.52916935	-11.8528763	34.52916935

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.851740261
R Square	0.725461473
Adjusted R Square	0.670553767
Standard Error	1541.19761
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	62766470.36	31383235.18	13.21238006	0.001559612
Residual	10	23752900.72	2375290.072		
Total	12	86519371.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	791.8227329	1284.942284	0.616232139	0.551510066	-2071.207093	3654.852559	-2071.207093	3654.852559
GLFA (m2)	0.991495929	0.318404879	3.113947041	0.010986599	0.282045649	1.70094621	0.282045649	1.70094621
Avg Weekday Staff Numb	7.493663906	12.3471734	0.606913313	0.557435931	-20.01755285	35.00488066	-20.01755285	35.00488066

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.852947746
R Square	0.727519857
Adjusted R Square	0.636693142
Standard Error	1618.463284
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	62944560.46	20981520.15	8.009976598	0.00655942
Residual	9	23574810.62	2619423.402		
Total	12	86519371.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1193.238369	2047.146464	0.582878846	0.574286809	-3437.728667	5824.205406	-3437.72867	5824.205406
Major Tenant GLFA (m2)	0.862875512	0.595924638	1.447960795	0.181550881	-0.485199676	2.2109507	-0.48519968	2.2109507
Other Tenants GLFA (m2	1.082770354	0.484084539	2.236738144	0.052120171	-0.012304954	2.177845661	-0.01230495	2.177845661
Avg Weekday Staff Numt	6.630073933	13.382496	0.4954288	0.632168505	-23.64323526	36.90338312	-23.6432353	36.90338312

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.848580419
R Square	0.720088727
Adjusted R Square	0.664106472
Standard Error	1556.205234
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	62301623.78	31150811.89	12.86280326	0.001718312
Residual	10	24217747.3	2421774.73		
Total	12	86519371.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1431.634523	1913.247762	0.748274506	0.471526461	-2831.347148	5694.616195	-2831.347148	5694.616195
Major Tenant GLFA (m2)	0.917723194	0.563026426	1.629982451	0.134159464	-0.336777861	2.172224248	-0.336777861	2.172224248
Other Tenants GLFA (m2	1.241020928	0.349749201	3.548316695	0.005283036	0.461731146	2.020310711	0.461731146	2.020310711

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.7589804
R Square	0.576051248
Adjusted R Square	0.491261497
Standard Error	1915.196581
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	49839591.65	24919795.83	6.793878322	0.01369515
Residual	10	36679779.42	3667977.942		
Total	12	86519371.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-48.8219643	2331.65066	-0.0209388	0.983706385	-5244.063389	5146.41946	-5244.06339	5146.41946
Major Tenant GLFA (m2)	1.144135426	0.689305176	1.659838727	0.127934127	-0.391732218	2.68000307	-0.39173222	2.68000307
Avg Weekday Staff Numt	26.38134739	11.89923734	2.217062037	0.050947546	-0.131805647	52.89450043	-0.13180565	52.89450043

Daily Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Friday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.867248279
R Square	0.752119578
Adjusted R Square	0.702543494
Standard Error	1380.708655
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	57842727.19	28921363.59	15.17101616	0.000935861
Residual	10	19063563.89	1906356.389		
Total	12	76906291.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1484.169309	1480.220078	1.002668002	0.339665559	-1813.966557	4782.305174	-1813.96656	4782.305174
GLFA (m2)	0.289817615	0.650162763	0.445761633	0.665265166	-1.158835298	1.738470528	-1.1588353	1.738470528
Parking Spaces	12.11374637	9.685388175	1.25072389	0.239507213	-9.466643316	33.69413606	-9.46664332	33.69413606

Friday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.845645128
R Square	0.715115683
Adjusted R Square	0.658138819
Standard Error	1480.182294
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	54996894.84	27498447.42	12.55098366	0.001876475
Residual	10	21909396.24	2190939.624		
Total	12	76906291.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	291.4964462	1234.072001	0.236207001	0.818039767	-2458.187326	3041.180218	-2458.187326	3041.180218
GLFA (m2)	1.009406792	0.305799374	3.300879199	0.008001608	0.328043326	1.690770257	0.328043326	1.690770257
Avg Weekday Staff Numb	2.957725897	11.85835439	0.249421277	0.80808344	-23.46433425	29.37978604	-23.46433425	29.37978604

Friday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.845670919
R Square	0.715159304
Adjusted R Square	0.620212405
Standard Error	1560.129677
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	55000249.59	18333416.53	7.532202878	0.007956191
Residual	9	21906041.49	2434004.61		
Total	12	76906291.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	346.590477	1973.362005	0.175634514	0.864469218	-4117.464518	4810.645472	-4117.46452	4810.645472
Major Tenant GLFA (m2)	0.991753724	0.574445971	1.726452572	0.118341976	-0.307733344	2.291240792	-0.30773334	2.291240792
Other Tenants GLFA (m2	1.021934146	0.466636879	2.189998673	0.056250372	-0.033671812	2.077540104	-0.03367181	2.077540104
Avg Weekday Staff Numt	2.839198744	12.9001562	0.220090261	0.830712059	-26.34298201	32.02137949	-26.342982	32.02137949

Friday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.844764012
R Square	0.713626237
Adjusted R Square	0.656351484
Standard Error	1484.04663
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	54882347.08	27441173.54	12.45970002	0.001926044
Residual	10	22023944	2202394.4		
Total	12	76906291.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	448.6789406	1824.5337	0.245914307	0.810722356	-3616.635483	4513.993364	-3616.635483	4513.993364
Major Tenant GLFA (m2)	1.015241165	0.536919843	1.890861695	0.087937062	-0.181090798	2.211573128	-0.181090798	2.211573128
Other Tenants GLFA (m2	1.089701842	0.333531922	3.267159062	0.00847091	0.346546408	1.832857276	0.346546408	1.832857276

Friday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.750578364
R Square	0.563367881
Adjusted R Square	0.476041457
Standard Error	1832.478018
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	43326534.22	21663267.11	6.451287662	0.015870054
Residual	10	33579756.86	3357975.686		
Total	12	76906291.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-825.68383	2230.94518	-0.37010494	0.719022524	-5796.539462	4145.171801	-5796.53946	4145.171801
Major Tenant GLFA (m2)	1.257210854	0.659533646	1.906211855	0.085739314	-0.212321686	2.726743394	-0.21232169	2.726743394
Avg Weekday Staff Numt	21.48073312	11.38530169	1.886707416	0.088540797	-3.88729991	46.84876616	-3.88729991	46.84876616

Daily Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Saturday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.92144367
R Square	0.849058437
Adjusted R Square	0.818870125
Standard Error	1163.434458
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	76139949.69	38069974.84	28.1254024	7.83509E-05
Residual	10	13535797.39	1353579.739		
Total	12	89675747.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1232.596022	1247.28634	0.988222177	0.346351435	-1546.531132	4011.723176	-1546.53113	4011.723176
GLFA (m2)	0.517976831	0.547850381	0.945471336	0.366702677	-0.702709887	1.73866355	-0.70270989	1.73866355
Parking Spaces	11.17942051	8.161254228	1.369816476	0.20071435	-7.004987118	29.36382814	-7.00498712	29.36382814

Saturday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.909034541
R Square	0.826343796
Adjusted R Square	0.791612556
Standard Error	1247.908242
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	74102997.28	37051498.64	23.79252164	0.000157925
Residual	10	15572749.79	1557274.979		
Total	12	89675747.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	5.213805385	1069.752444	0.004873843	0.99620711	-2378.343177	2388.770787	-2378.343177	2388.770787
GLFA (m2)	1.164653894	0.21555266	5.403106121	0.000300096	0.684372639	1.64493515	0.684372639	1.64493515
Avg Weekend Staff Numbers	4.883542858	8.59362688	0.568274947	0.582383241	-14.26425107	24.03133679	-14.26425107	24.03133679

Saturday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.910464405
R Square	0.828945434
Adjusted R Square	0.771927245
Standard Error	1305.520162
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	74336301.04	24778767.01	14.53826315	0.000849372
Residual	9	15339446.04	1704382.894		
Total	12	89675747.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	453.8624768	1650.136392	0.275045432	0.789491262	-3279.005382	4186.730335	-3279.00538	4186.730335
Major Tenant GLFA (m2)	1.007852006	0.480072192	2.099375933	0.065184263	-0.078146742	2.093850754	-0.07814674	2.093850754
Other Tenants GLFA (m2	1.252733449	0.327914027	3.820310644	0.004087969	0.510940383	1.994526515	0.510940383	1.994526515
Avg Weekend Staff Numt	4.577972539	9.028224132	0.507073426	0.624293799	-15.84528935	25.00123443	-15.8452893	25.00123443

Saturday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.907776695
R Square	0.824058529
Adjusted R Square	0.788870235
Standard Error	1256.092467
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	73898064.21	36949032.1	23.4185415	0.000168594
Residual	10	15777682.87	1577768.287		
Total	12	89675747.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	648.1266712	1544.279668	0.41969514	0.683582357	-2792.742855	4088.996198	-2792.742855	4088.996198
Major Tenant GLFA (m2)	1.051394592	0.454447291	2.313567741	0.043243902	0.038822927	2.063966257	0.038822927	2.063966257
Other Tenants GLFA (m2)	1.326979049	0.282300385	4.700592415	0.00084081	0.697974593	1.955983504	0.697974593	1.955983504

Saturday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.742668332
R Square	0.551556251
Adjusted R Square	0.461867502
Standard Error	2005.356033
Observations	13

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	49461218.89	24730609.44	6.14967042	0.018135932
Residual	10	40214528.19	4021452.819		
Total	12	89675747.08			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-1072.2496	2459.312153	-0.43599573	0.672101582	-6551.938555	4407.439358	-6551.93855	4407.439358
Major Tenant GLFA (m2)	1.59087522	0.699166842	2.27538711	0.046146159	0.033034415	3.148716025	0.033034415	3.148716025
Avg Weekend Staff Numt	19.9786875	12.40862572	1.610064478	0.138461587	-7.669453568	47.62682857	-7.66945357	47.62682857

Daily Person Trip Multiple Regression Datasets - Sites Greater than 2000m^2

Sunday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.183061087
R Square	0.033511362
Adjusted R Square	-0.6108144
Standard Error	2189.756525
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	498779.0833	249389.5416	0.052009967	0.950156469
Residual	3	14385100.92	4795033.639		
Total	5	14883880			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	4239.515465	3801.801143	1.115133408	0.34607881	-7859.512535	16338.54346	-7859.51253	16338.54346
GLFA (m2)	-0.1366451	2.683813833	-0.05091452	0.962594013	-8.677738519	8.404448314	-8.67773852	8.404448314
Parking Spaces	8.282912885	57.22547682	0.144741702	0.894091887	-173.8340944	190.3999202	-173.834094	190.3999202

Sunday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.473293396
R Square	0.224006638
Adjusted R Square	-0.29332227
Standard Error	1962.124026
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	3334087.924	1667043.962	0.433006227	0.683576319
Residual	3	11549792.08	3849930.692		
Total	5	14883880			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	5141.037899	3560.358462	1.443966374	0.244472998	-6189.611733	16471.68753	-6189.611733	16471.68753
GLFA (m2)	0.655570072	0.872445266	0.751416849	0.506976426	-2.120940142	3.432080287	-2.120940142	3.432080287
Avg Weekend Staff Numbers	-35.22207372	40.33487278	-0.873241225	0.446801356	-163.5856406	93.14149313	-163.5856406	93.14149313

Sunday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.854912619
R Square	0.730875587
Adjusted R Square	0.327188967
Standard Error	1415.205899
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	3	10878264.53	3626088.175	1.810502381	0.375165238
Residual	2	4005615.474	2002807.737		
Total	5	14883880			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-22.8939879	3697.789418	-0.00619126	0.995622158	-15933.19772	15887.40975	-15933.1977	15887.40975
Major Tenant GLFA (m2)	1.718347897	0.834161949	2.059969168	0.17558174	-1.870761292	5.307457085	-1.87076129	5.307457085
Other Tenants GLFA (m2	-1.57151856	1.30870839	-1.20081645	0.35274754	-7.202436289	4.059399163	-7.20243629	4.059399163
Avg Weekend Staff Numb	17.16590026	39.68561479	0.432547167	0.707517797	-153.5875186	187.9193191	-153.587519	187.9193191

Sunday - Daily Persons - MULTIPLE REGRESSION 4

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.840059161
R Square	0.705699394
Adjusted R Square	0.509498991
Standard Error	1208.35079
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	10503545.1	5251772.552	3.596829473	0.159656547
Residual	3	4380334.896	1460111.632		
Total	5	14883880			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1012.095449	2407.184653	0.420447782	0.702458453	-6648.640456	8672.831353	-6648.640456	8672.831353
Major Tenant GLFA (m2)	1.66774144	0.705195485	2.364934939	0.098956551	-0.576505324	3.911988205	-0.576505324	3.911988205
Other Tenants GLFA (m2)	-1.123426997	0.682828236	-1.645255626	0.198467529	-3.296491193	1.0496372	-3.296491193	1.0496372

Sunday - Daily Persons - MULTIPLE REGRESSION 5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.732695194
R Square	0.536842247
Adjusted R Square	0.228070412
Standard Error	1515.869872
Observations	6

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	7990295.589	3995147.795	1.738637357	0.315205224
Residual	3	6893584.411	2297861.47		
Total	5	14883880			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1892.329242	3573.440748	0.529553832	0.633106638	-9479.954062	13264.61255	-9479.95406	13264.61255
Major Tenant GLFA (m2)	1.505118363	0.873017092	1.724042262	0.183168721	-1.273211657	4.283448383	-1.27321166	4.283448383
Avg Weekend Staff Numb	-20.5565724	25.9758991	-0.79137097	0.486524048	-103.2234765	62.11033171	-103.223477	62.11033171

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Parking Spaces
5	209	991	97
6	204	991	84
10	226	1452	109
12	189	991	89
15	100	991	73
19	233	3920	93
20	162	660	174

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	209	991	8
6	204	991	8
10	226	1452	30
12	189	991	9
15	100	991	8
19	233	3920	34
20	162	660	20

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	209	991	8
6	204	991	8
10	226	1452	30
12	189	991	9
15	100	991	8
19	233	3500	34
20	162	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Parking Spaces
5	215	991	97
6	221	991	84
10	357	1452	109
12	234	991	89
15	150	991	73
19	309	3920	93
20	208	660	174

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	215	991	8
6	221	991	8
10	357	1452	30
12	234	991	9
15	150	991	8
19	309	3920	34
20	208	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	215	991	8
6	221	991	8
10	357	1452	30
12	234	991	9
15	150	991	8
19	309	3500	34
20	208	660	20

Friday - AM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Parking Spaces
5	197	991	97
6	213	991	84
10	240	1452	109
12	178	991	89
15	98	991	73
19	259	3920	93
20	205	660	174

Friday - AM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	197	991	8
6	213	991	8
10	240	1452	30
12	178	991	9
15	98	991	8
19	259	3920	34
20	205	660	20

Friday - AM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr AM Peak		
Site Number	AM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	197	991	8
6	213	991	8
10	240	1452	30
12	178	991	9
15	98	991	8
19	259	3500	34
20	205	660	20

Friday - PM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Parking Spaces
5	225	991	97
6	195	991	84
10	356	1452	109
12	242	991	89
15	161	991	73
19	350	3920	93
20	198	660	174

Friday - PM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	225	991	8
6	195	991	8
10	356	1452	30
12	242	991	9
15	161	991	8
19	350	3920	34
20	198	660	20

Friday - PM Peak - MULTIPLE REGRESSION 5

	Friday 1-hr PM Peak		
Site Number	PM Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	225	991	8
6	195	991	8
10	356	1452	30
12	242	991	9
15	161	991	8
19	350	3500	34
20	198	660	20

Saturday - Peak - MULTIPLE REGRESSION 1

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Parking Spaces
5	290	991	97
6	289	991	84
10	383	1452	109
12	278	991	89
15	160	991	73
19	344	3920	93
20	181	660	174

Saturday - Peak - MULTIPLE REGRESSION 2

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
5	290	991	8
6	289	991	8
10	383	1452	30
12	278	991	9
15	160	991	8
19	344	3920	34
20	181	660	15

Saturday - Peak - MULTIPLE REGRESSION 3

	Saturday 1-hr Peak		
Site Number	Peak Vehicle Trip	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
5	290	991	8
6	289	991	8
10	383	1452	30
12	278	991	9
15	160	991	8
19	344	3500	34
20	181	660	15

Sunday - Peak - MULTIPLE REGRESSION 1

	Sunday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Parking Spaces
6	374	991	84
12	281	991	89
15	149	991	73
19	360	3920	93

Sunday - Peak - MULTIPLE REGRESSION 2

	Sunday 1-hr Peak		
Site Number	Peak Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
6	374	991	8
12	281	991	9
15	149	991	8
19	360	3920	34

Sunday - Peak - MULTIPLE REGRESSION 3

	Sunday 1-hr AM Peak		
Site Number	Peak Vehicle Trip	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
6	374	991	8
12	281	991	9
15	149	991	8
19	360	3500	34

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.517891
R Square	0.268211087
Adjusted R Square	-0.09768337
Standard Error	47.97370248
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	3374.09548	1687.04774	0.733028563	0.535515013
Residual	4	9205.90452	2301.47613		
Total	6	12580			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	139.7231201	74.12837217	1.884880458	0.132531793	-66.09023597	345.5364762	-66.09023597	345.5364762
GLFA (m2)	0.021636423	0.017876116	1.210353715	0.292771835	-0.027995631	0.071268476	-0.027995631	0.071268476
Parking Spaces	0.178943639	0.60202477	0.29723634	0.781083013	-1.492545088	1.850432366	-1.492545088	1.850432366

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.552664319
R Square	0.30543785
Adjusted R Square	-0.041843226
Standard Error	46.7375434
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	3842.408148	1921.204074	0.879511932	0.482416581
Residual	4	8737.591852	2184.397963		
Total	6	12580			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	151.3315518	33.64756234	4.497548746	0.010842889	57.91094206	244.7521616	57.91094206	244.7521616
GLFA (m2)	0.010474036	0.024778697	0.422703267	0.694245538	-0.058322655	0.079270727	-0.058322655	0.079270727
Avg Weekday Staff Numb	1.358809168	2.450495308	0.554503885	0.608775523	-5.444856536	8.162474872	-5.444856536	8.162474872

Wednesday/Thursday - AM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.556876039
R Square	0.310110922
Adjusted R Square	-0.03483362
Standard Error	46.58005098
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	3901.195403	1950.597701	0.899016762	0.475946939
Residual	4	8678.804597	2169.701149		
Total	6	12580			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	149.451655	34.3566855	4.350002128	0.012157064	54.06220373	244.8411063	54.06220373	244.8411063
Major Tenant GLFA (m2)	0.013161362	0.028929006	0.454953831	0.672740888	-0.067158434	0.093481158	-0.067158434	0.093481158
Avg Weekday Staff Numt	1.288933445	2.46648718	0.522578611	0.628874991	-5.559132812	8.136999702	-5.559132812	8.136999702

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.595978152
R Square	0.355189958
Adjusted R Square	0.032784936
Standard Error	67.86186943
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	10147.06671	5073.533354	1.101688666	0.415779991
Residual	4	18420.93329	4605.233323		
Total	6	28568			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	144.642065	104.8593219	1.379391573	0.23987358	-146.4940861	435.7782161	-146.4940861	435.7782161
GLFA (m2)	0.037234748	0.025286908	1.472491128	0.214873204	-0.032972965	0.107442461	-0.032972965	0.107442461
Parking Spaces	0.430190545	0.851602529	0.505154142	0.640013042	-1.934237129	2.794618218	-1.934237129	2.794618218

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.822062549
R Square	0.675786835
Adjusted R Square	0.513680252
Standard Error	48.11995872
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	19305.87829	9652.939146	4.168780955	0.105114177
Residual	4	9262.121708	2315.530427		
Total	6	28568			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	159.7458256	34.64279876	4.611227479	0.009946464	63.56199654	255.9296547	63.56199654	255.9296547
GLFA (m2)	-0.00478421	0.025511608	-0.187530717	0.860373013	-0.075615788	0.066047368	-0.075615788	0.066047368
Avg Weekday Staff Numb	5.3299332	2.522976701	2.11255744	0.102195403	-1.674973113	12.33483951	-1.674973113	12.33483951

Wednesday/Thursday - PM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.820988222
R Square	0.674021661
Adjusted R Square	0.511032491
Standard Error	48.25077513
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	19255.4508	9627.725399	4.135376981	0.106261878
Residual	4	9312.549201	2328.1373		
Total	6	28568			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	159.7825389	35.58898436	4.489662793	0.010908634	60.97167749	258.5934004	60.97167749	258.5934004
Major Tenant GLFA (m2)	-0.00345817	0.029966625	-0.11540069	0.913688775	-0.08665886	0.079742521	-0.08665886	0.079742521
Avg Weekday Staff Numt	5.202031254	2.554954659	2.036056192	0.111442227	-1.891660103	12.29572261	-1.891660103	12.29572261

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.70472612
R Square	0.496638904
Adjusted R Square	0.244958357
Standard Error	45.09203024
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	8024.549521	4012.27476	1.97329078	0.253372393
Residual	4	8133.164765	2033.291191		
Total	6	16157.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	84.32756079	69.67564783	1.210287431	0.292794621	-109.1230506	277.7781722	-109.1230506	277.7781722
GLFA (m2)	0.030145992	0.016802338	1.794154621	0.14723667	-0.016504776	0.076796759	-0.016504776	0.076796759
Parking Spaces	0.693140115	0.565862499	1.224926757	0.287802609	-0.877946049	2.26422628	-0.877946049	2.26422628

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.719789824
R Square	0.51809739
Adjusted R Square	0.277146086
Standard Error	44.1204167
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	8371.269606	4185.634803	2.150216164	0.232230125
Residual	4	7786.44468	1946.61117		
Total	6	16157.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	142.989797	31.76342536	4.501712124	0.010808372	54.80039017	231.1792039	54.80039017	231.1792039
GLFA (m2)	0.003151689	0.023391183	0.134738313	0.899326655	-0.061792647	0.068096024	-0.061792647	0.068096024
Avg Weekday Staff Numbers	3.056129422	2.313276785	1.321125704	0.256965244	-3.366556585	9.478815428	-3.366556585	9.478815428

Friday - AM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.719820256
R Square	0.5181412
Adjusted R Square	0.2772118
Standard Error	44.11841116
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	8371.977474	4185.988737	2.150593496	0.232187903
Residual	4	7785.736812	1946.434203		
Total	6	16157.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	142.4986463	32.54102013	4.379046685	0.011883753	52.15029026	232.8470024	52.15029026	232.8470024
Major Tenant GLFA (m2)	0.003728815	0.02740018	0.136087243	0.89832646	-0.07234628	0.079803909	-0.07234628	0.079803909
Avg Weekday Staff Numt	3.049592685	2.336139468	1.305398384	0.261779139	-3.436570305	9.535755676	-3.436570305	9.535755676

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.728600709
R Square	0.530858993
Adjusted R Square	0.296288489
Standard Error	64.52564933
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	18845.19089	9422.595444	2.263110596	0.220093285
Residual	4	16654.23768	4163.559421		
Total	6	35499.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	136.2682382	99.70423586	1.366724663	0.243491555	-140.5550995	413.0915758	-140.5550995	413.0915758
GLFA (m2)	0.051151401	0.024043755	2.127429786	0.100498063	-0.015604766	0.117907568	-0.015604766	0.117907568
Parking Spaces	0.364134808	0.80973611	0.449695652	0.676222137	-1.884053051	2.612322666	-1.884053051	2.612322666

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.912140577
R Square	0.832000432
Adjusted R Square	0.748000649
Standard Error	38.61310868
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	29535.53992	14767.76996	9.904792551	0.028223855
Residual	4	5963.888647	1490.972162		
Total	6	35499.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	147.1912	27.0220	5.4471	0.0055	72.1662	222.2161	72.1662	222.2161
GLFA (m2)	-0.0005	0.0226	-0.0219	0.9836	-0.0633	0.0623	-0.0633	0.0623
Avg Weekend Staff Numbers	6.2644	2.2525	2.7811	0.0498	0.0106	12.5182	0.0106	12.5182

Friday - PM Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.871028963
R Square	0.758691455
Adjusted R Square	0.638037182
Standard Error	46.27719595
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	26933.11311	13466.55656	6.288144123	0.058229814
Residual	4	8566.315461	2141.578865		
Total	6	35499.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	143.9968403	34.13330457	4.218660985	0.013492069	49.2275939	238.7660867	49.2275939	238.7660867
Major Tenant GLFA (m2)	0.016963073	0.028740914	0.590206437	0.586782618	-0.062834499	0.096760644	-0.062834499	0.096760644
Avg Weekday Staff Numb	4.757125928	2.450450528	1.941327063	0.124187872	-2.046415447	11.5606673	-2.046415447	11.5606673

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Saturday - Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.534369751
R Square	0.285551031
Adjusted R Square	-0.07167345
Standard Error	83.37190186
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	11112.50392	5556.251959	0.799360187	0.510437329
Residual	4	27803.49608	6950.87402		
Total	6	38916			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	253.7634181	128.8252324	1.969826977	0.120193335	-103.9127677	611.4396039	-103.9127677	611.4396039
GLFA (m2)	0.035545215	0.031066307	1.14417255	0.316368416	-0.05070868	0.12179911	-0.05070868	0.12179911
Parking Spaces	-0.2874185	1.046238824	-0.27471595	0.797139585	-3.192243158	2.617406167	-3.192243158	2.617406167

Saturday - Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.645974841
R Square	0.417283495
Adjusted R Square	0.125925243
Standard Error	75.29441463
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	16239.0045	8119.502251	1.432200708	0.339558525
Residual	4	22676.9955	5669.248875		
Total	6	38916			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	200.6737671	52.69201316	3.808428547	0.018965726	54.3772851	346.9702491	54.3772851	346.9702491
GLFA (m2)	0.002915584	0.044083491	0.066137784	0.950441813	-0.119479809	0.125310978	-0.119479809	0.125310978
Avg Weekend Staff Numb	4.385173645	4.392219318	0.998395874	0.37459021	-7.809582181	16.57992947	-7.809582181	16.57992947

Saturday - Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.647461496
R Square	0.419206389
Adjusted R Square	0.128809584
Standard Error	75.17008074
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	16313.83584	8156.917922	1.443564053	0.337321218
Residual	4	22602.16416	5650.541039		
Total	6	38916			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	199.2758394	53.98415402	3.691376535	0.020993385	49.3917992	349.1598796	49.3917992	349.1598796
Major Tenant GLFA (m2)	0.006919354	0.052109381	0.132785186	0.900775246	-0.137759483	0.151598191	-0.137759483	0.151598191
Avg Weekend Staff Numb	4.141155278	4.476039343	0.925182949	0.407234393	-8.286322246	16.5686328	-8.286322246	16.5686328

Peak Period Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Sunday - Peak Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.80022845
R Square	0.640365572
Adjusted R Square	-0.07890328
Standard Error	107.1325027
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	20436.62687	10218.31343	0.890300708	0.599695279
Residual	1	11477.37313	11477.37313		
Total	3	31914			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-565.771513	730.0671278	-0.77495821	0.580286797	-9842.15391	8710.610884	-9842.15391	8710.610884
GLFA (m2)	-0.00709834	0.054697654	-0.12977417	0.917842362	-0.70209793	0.687901245	-0.70209793	0.687901245
Parking Spaces	10.25373134	9.254838643	1.107931941	0.46743175	-107.3401433	127.8476059	-107.3401433	127.8476059

Sunday - Peak Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.454810721
R Square	0.206852792
Adjusted R Square	-1.379441624
Standard Error	159.0990258
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	6601.5	3300.75	0.1304	0.890588125
Residual	1	25312.5	25312.5		
Total	3	31914			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	243.7121885	150.6038424	1.618233537	0.352381274	-1669.891067	2157.315444	-1669.891067	2157.315444
GLFA (m2)	-0.139467395	1.708661555	-0.081623768	0.948151637	-21.85007094	21.57113615	-21.85007094	21.57113615
Avg Weekend Staff Numb	19.5	194.8557159	0.100074047	0.936502293	-2456.37662	2495.37662	-2456.37662	2495.37662

Sunday - Peak Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.454810721
R Square	0.206852792
Adjusted R Square	-1.37944162
Standard Error	159.0990258
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	6601.5	3300.75	0.1304	0.890588125
Residual	1	25312.5	25312.5		
Total	3	31914			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	266.8485452	379.4654707	0.703222206	0.609825134	-4554.717416	5088.414507	-4554.717416	5088.414507
Major Tenant GLFA (m2)	-0.16281387	1.994687005	-0.08162377	0.948151637	-25.50771533	25.18208759	-25.50771533	25.18208759
Avg Weekend Staff Numb	19.5	194.8557159	0.100074047	0.936502293	-2456.37662	2495.37662	-2456.37662	2495.37662

Daily Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 1

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
5	2080	991	97
6	1931	991	84
10	2592	1452	109
12	1873	991	89
15	1076	991	73
19	2409	3920	93
20	1605	660	174

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 2

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	2080	991	8
6	1931	991	8
10	2592	1452	30
12	1873	991	9
15	1076	991	8
19	2409	3920	34
20	1605	660	20

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 3

	Wednesday/Thursday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	2080	991	8
6	1931	991	8
10	2592	1452	30
12	1873	991	9
15	1076	991	8
19	2409	3500	34
20	1605	660	20

Friday - Daily - MULTIPLE REGRESSION 1

	Friday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
5	1795	991	97
6	1561	991	84
10	2604	1452	109
12	1685	991	89
15	985	991	73
19	2482	3920	93
20	1557	660	174

Friday - Daily - MULTIPLE REGRESSION 2

	Friday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	1795	991	8
6	1561	991	8
10	2604	1452	30
12	1685	991	9
15	985	991	8
19	2482	3920	34
20	1557	660	20

Friday - Daily - MULTIPLE REGRESSION 3

	Friday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	1795	991	8
6	1561	991	8
10	2604	1452	30
12	1685	991	9
15	985	991	8
19	2482	3500	34
20	1557	660	20

Saturday - Daily - MULTIPLE REGRESSION 1

	Saturday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
5	1996	991	97
6	2040	991	84
10	2363	1452	109
11	4224	4027	173
12	1776	991	89
15	1149	991	73
19	2461	3920	93
20	1231	660	174

Saturday - Daily - MULTIPLE REGRESSION 2

	Saturday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
5	1996	991	8
6	2040	991	8
10	2363	1452	30
11	4224	4027	50
12	1776	991	9
15	1149	991	8
19	2461	3920	34
20	1231	660	15

Saturday - Daily - MULTIPLE REGRESSION 3

	Saturday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
5	1996	991	8
6	2040	991	8
10	2363	1452	30
11	4224	3847	50
12	1776	991	9
15	1149	991	8
19	2461	3500	34
20	1231	660	15

Sunday - Daily - MULTIPLE REGRESSION 1

	Sunday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Parking Spaces
6	1984	991	84
12	1701	991	89
15	997	991	73
19	2607	3920	93

Sunday - Daily - MULTIPLE REGRESSION 2

	Sunday Daily		
Site Number	Daily Vehicle Trips	GLFA (m2)	Avg Weekend Staff Numbers
6	1984	991	8
12	1701	991	9
15	997	991	8
19	2607	3920	34

Sunday - Daily - MULTIPLE REGRESSION 3

	Sunday Daily		
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
6	1984	991	8
12	1701	991	9
15	997	991	8
19	2607	3500	34

Daily Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.543824931
R Square	0.295745556
Adjusted R Square	-0.05638167
Standard Error	518.6641698
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	451877.9157	225938.9578	0.839882682	0.495974322
Residual	4	1076050.084	269012.5211		
Total	6	1527928			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1365.960047	801.433465	1.704396069	0.163510537	-859.1759741	3591.096068	-859.1759741	3591.096068
GLFA (m2)	0.250374925	0.193266314	1.2954918	0.264856194	-0.286218386	0.786968235	-0.286218386	0.786968235
Parking Spaces	2.088361509	6.508746701	0.320854629	0.76438443	-15.98281641	20.15953943	-15.98281641	20.15953943

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.660517031
R Square	0.436282748
Adjusted R Square	0.154424122
Standard Error	464.0364677
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	666608.6266	333304.3133	1.547877935	0.31777714
Residual	4	861319.3734	215329.8433		
Total	6	1527928			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1439.646879	334.0718155	4.309393408	0.012552054	512.1148224	2367.178936	512.1148224	2367.178936
GLFA (m2)	0.046827283	0.246016758	0.190341844	0.858310981	-0.63622474	0.729879307	-0.63622474	0.729879307
Avg Weekday Staff Numb	25.81526769	24.3298878	1.061051654	0.34848316	-41.7353302	93.36586558	-41.7353302	93.36586558

Wednesday/Thursday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.662885205
R Square	0.439416795
Adjusted R Square	0.159125192
Standard Error	462.7447394
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	671397.2245	335698.6122	1.56771302	0.31425353
Residual	4	856530.7755	214132.6939		
Total	6	1527928			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1427.751506	341.3129686	4.183115315	0.013883365	480.1147851	2375.388227	480.1147851	2375.388227
Major Tenant GLFA (m2)	0.069686146	0.287392239	0.242477479	0.820335629	-0.72824263	0.867614921	-0.72824263	0.867614921
Avg Weekday Staff Numt	24.82414467	24.50306394	1.013103697	0.368312014	-43.20726726	92.8555566	-43.20726726	92.8555566

Daily Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Friday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.683237348
R Square	0.466813273
Adjusted R Square	0.20021991
Standard Error	503.8493601
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	889048.1464	444524.0732	1.751031111	0.284288086
Residual	4	1015456.711	253864.1777		
Total	6	1904504.857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	875.0504291	778.5418041	1.123960749	0.323919013	-1286.528152	3036.62901	-1286.528152	3036.62901
GLFA (m2)	0.347471175	0.187745971	1.850751697	0.137869345	-0.173795208	0.868737559	-0.173795208	0.868737559
Parking Spaces	4.27027139	6.322834796	0.675372919	0.536468511	-13.28473233	21.82527511	-13.28473233	21.82527511

Friday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.829762035
R Square	0.688505035
Adjusted R Square	0.532757553
Standard Error	385.1115661
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1311261.184	655630.5919	4.420649534	0.097029113
Residual	4	593243.6733	148310.9183		
Total	6	1904504.857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1114.644687	277.2517442	4.020334263	0.015860029	344.8704385	1884.418935	344.8704385	1884.418935
GLFA (m2)	0.036709401	0.204173391	0.179795226	0.866054084	-0.53016681	0.603585612	-0.53016681	0.603585612
Avg Weekday Staff Numb	38.45760703	20.19177768	1.904617198	0.129547218	-17.60375528	94.51896935	-17.60375528	94.51896935

Friday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.830870304
R Square	0.690345462
Adjusted R Square	0.535518194
Standard Error	383.97219
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1314766.286	657383.1431	4.458810569	0.095885933
Residual	4	589738.5709	147434.6427		
Total	6	1904504.857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1104.691771	283.2116216	3.900587712	0.01753275	318.3702505	1891.013292	318.3702505	1891.013292
Major Tenant GLFA (m2)	0.056579379	0.238469761	0.237260183	0.82411135	-0.605518822	0.71867758	-0.605518822	0.71867758
Avg Weekday Staff Numt	37.55857664	20.33193318	1.847270316	0.138426689	-18.89191972	94.009073	-18.89191972	94.009073

Daily Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Saturday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.838904608
R Square	0.703760942
Adjusted R Square	0.585265319
Standard Error	618.9295884
Observations	8

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	4550250.823	2275125.411	5.939130269	0.047764561
Residual	5	1915369.177	383073.8354		
Total	7	6465620			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	651.1147289	702.4639291	0.9269013	0.396516492	-1154.626287	2456.855745	-1154.626287	2456.855745
GLFA (m2)	0.518681279	0.176047037	2.94626532	0.032023486	0.066137964	0.971224594	0.066137964	0.971224594
Parking Spaces	5.333648647	6.163840277	0.865312599	0.42642695	-10.51100721	21.1783045	-10.51100721	21.1783045

Saturday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.870413744
R Square	0.757620086
Adjusted R Square	0.660668121
Standard Error	559.8457676
Observations	8

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	4898483.583	2449241.791	7.814386049	0.028922882
Residual	5	1567136.417	313427.2835		
Total	7	6465620			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1069.367584	339.9237657	3.145904148	0.025496226	195.5657268	1943.169442	195.5657268	1943.169442
GLFA (m2)	0.149608071	0.327712761	0.456521957	0.667161029	-0.6928044	0.992020542	-0.6928044	0.992020542
Avg Weekend Staff Numb	40.66114409	28.56529896	1.423445424	0.213897198	-32.76829454	114.0905827	-32.76829454	114.0905827

Saturday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.875938365
R Square	0.76726802
Adjusted R Square	0.674175227
Standard Error	548.5902929
Observations	8

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	4960863.453	2480431.726	8.241970207	0.026130045
Residual	5	1504756.547	300951.3095		
Total	7	6465620			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1037.907829	340.1167783	3.051621959	0.02837176	163.6098169	1912.205841	163.6098169	1912.205841
Major Tenant GLFA (m2)	0.247145793	0.379404556	0.651404389	0.543534371	-0.728144668	1.222436254	-0.728144668	1.222436254
Avg Weekend Staff Numb	34.68703324	29.87953469	1.160896031	0.298091656	-42.12075589	111.4948224	-42.12075589	111.4948224

Daily Vehicle Trip Multiple Regression Datasets - Sites Less than 2000m^2

Sunday - Daily Vehicles - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.937847252
R Square	0.879557469
Adjusted R Square	0.638672407
Standard Error	401.3977568
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1176614.591	588307.2954	3.651357461	0.347048312
Residual	1	161120.1592	161120.1592		
Total	3	1337734.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-2825.26466	2735.372553	-1.03286284	0.489709433	-37581.46835	31930.93903	-37581.46835	31930.93903
GLFA (m2)	0.163793528	0.204937951	0.799234732	0.57074375	-2.44019003	2.767777086	-2.44019003	2.767777086
Parking Spaces	51.50746269	34.67548482	1.485414348	0.377210509	-389.0863468	492.1012722	-389.0863468	492.1012722

Sunday - Daily Vehicles - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.797426222
R Square	0.63588858
Adjusted R Square	-0.092334261
Standard Error	697.914393
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	850650.25	425325.125	0.873206035	0.603416457
Residual	1	487084.5	487084.5		
Total	3	1337734.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1280.481393	660.6488552	1.938217834	0.303232479	-7113.85822	9674.821006	-7113.85822	9674.821006
GLFA (m2)	-1.487367702	7.495328688	-0.19843929	0.875289734	-96.72454857	93.74981317	-96.72454857	93.74981317
Avg Weekend Staff Numb	210.5	854.7670735	0.24626592	0.846281052	-10650.34544	11071.34544	-10650.34544	11071.34544

Sunday - Daily Vehicles - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.797426222
R Square	0.63588858
Adjusted R Square	-0.09233426
Standard Error	697.914393
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	850650.25	425325.125	0.873206035	0.603416457
Residual	1	487084.5	487084.5		
Total	3	1337734.75			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1527.222001	1664.588532	0.917477185	0.527381424	-19623.38068	22677.82468	-19623.38068	22677.82468
Major Tenant GLFA (m2)	-1.73634914	8.750026993	-0.19843929	0.875289734	-112.9159836	109.4432853	-112.9159836	109.4432853
Avg Weekend Staff Numb	210.5	854.7670735	0.24626592	0.846281052	-10650.34544	11071.34544	-10650.34544	11071.34544

Peak Period Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Parking Spaces
5	328	991	97
6	266	991	84
10	302	1452	109
12	256	991	89
15	136	991	73
19	276	3920	93
20	196	660	174

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	328	991	8
6	266	991	8
10	302	1452	30
12	256	991	9
15	136	991	8
19	276	3920	34
20	196	660	20

Wednesday/Thursday - AM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	328	991	8
6	266	991	8
10	302	1452	30
12	256	991	9
15	136	991	8
19	276	3500	34
20	196	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Parking Spaces
5	444	991	97
6	286	991	84
10	550	1452	109
12	278	991	89
15	242	991	73
19	398	3920	93
20	248	660	174

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	444	991	8
6	286	991	8
10	550	1452	30
12	278	991	9
15	242	991	8
19	398	3920	34
20	248	660	20

Wednesday/Thursday - PM Peak - MULTIPLE REGRESSION 3

	Wednesday/Thursday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	444	991	8
6	286	991	8
10	550	1452	30
12	278	991	9
15	242	991	8
19	398	3500	34
20	248	660	20

Friday - AM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Parking Spaces
5	278	991	97
6	276	991	84
10	364	1452	109
12	244	991	89
15	108	991	73
19	354	3920	93
20	212	660	174

Friday - AM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	278	991	8
6	276	991	8
10	364	1452	30
12	244	991	9
15	108	991	8
19	354	3920	34
20	212	660	20

Friday - AM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr AM Peak		
Site Number	AM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	278	991	8
6	276	991	8
10	364	1452	30
12	244	991	9
15	108	991	8
19	354	3500	34
20	212	660	20

Friday - PM Peak - MULTIPLE REGRESSION 1

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Parking Spaces
5	336	991	97
6	286	991	84
10	630	1452	109
12	332	991	89
15	226	991	73
19	524	3920	93
20	280	660	174

Friday - PM Peak - MULTIPLE REGRESSION 2

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	336	991	8
6	286	991	8
10	630	1452	30
12	332	991	9
15	226	991	8
19	524	3920	34
20	280	660	20

Friday - PM Peak - MULTIPLE REGRESSION 3

	Friday 1-hr PM Peak		
Site Number	PM Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	336	991	8
6	286	991	8
10	630	1452	30
12	332	991	9
15	226	991	8
19	524	3500	34
20	280	660	20

Saturday - Peak - MULTIPLE REGRESSION 1

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Parking Spaces
5	482	991	97
6	468	991	84
10	644	1452	109
12	384	991	89
15	296	991	73
19	562	3920	93
20	194	660	174

Saturday - Peak - MULTIPLE REGRESSION 2

	Saturday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
5	482	991	8
6	468	991	8
10	644	1452	30
12	384	991	9
15	296	991	8
19	562	3920	34
20	194	660	15

Saturday - Peak - MULTIPLE REGRESSION 3

	Saturday 1-hr AM Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
5	482	991	8
6	468	991	8
10	644	1452	30
12	384	991	9
15	296	991	8
19	562	3500	34
20	194	660	15

Sunday - Peak - MULTIPLE REGRESSION 1

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Parking Spaces
6	884	991	84
12	446	991	89
15	330	991	73
19	600	3920	93

Sunday - Peak - MULTIPLE REGRESSION 2

	Sunday 1-hr Peak		
Site Number	Peak Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
6	884	991	8
12	446	991	9
15	330	991	8
19	600	3920	34

Sunday - Peak - MULTIPLE REGRESSION 3

	Sunday 1-hr AM Peak		
Site Number	Peak Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
6	884	991	8
12	446	991	9
15	330	991	8
19	600	3500	34

Peak Period Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.260639242
R Square	0.067932815
Adjusted R Square	-0.39810078
Standard Error	77.31588657
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1742.729019	871.3645094	0.145768064	0.868749238
Residual	4	23910.98527	5977.746317		
Total	6	25653.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	238.386654	119.4675524	1.995409208	0.116726932	-93.30844701	570.0817551	-93.308447	570.0817551
GLFA (m2)	0.014533905	0.028809695	0.504479678	0.640446515	-0.06545463	0.094522441	-0.06545463	0.094522441
Parking Spaces	-0.07508692	0.970241538	-0.07738993	0.942029863	-2.768909291	2.618735445	-2.76890929	2.618735445

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.27108202
R Square	0.073485462
Adjusted R Square	-0.389771807
Standard Error	77.0852438
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1885.175042	942.5875209	0.158627758	0.858429189
Residual	4	23768.53924	5942.134811		
Total	6	25653.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	225.6336107	55.49565419	4.065788827	0.015275757	71.55297332	379.7142482	71.55297332	379.7142482
GLFA (m2)	0.009870379	0.040868042	0.241518269	0.821029364	-0.103597496	0.123338253	-0.103597496	0.123338253
Avg Weekday Staff Numb	0.700003582	4.041655049	0.17319726	0.870907502	-10.5214298	11.92143696	-10.5214298	11.92143696

Wednesday/Thursday - AM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.280054613
R Square	0.078430586
Adjusted R Square	-0.38235412
Standard Error	76.87925344
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2012.035849	1006.017924	0.170210914	0.849290185
Residual	4	23641.67844	5910.419609		
Total	6	25653.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	223.5044113	56.7048828	3.941537312	0.016937901	66.06641703	380.9424056	66.06641703	380.9424056
Major Tenant GLFA (m2)	0.013513899	0.047746628	0.283033573	0.791194584	-0.119051992	0.146079789	-0.11905199	0.146079789
Avg Weekday Staff Numb	0.564615619	4.070877747	0.138696285	0.896392575	-10.73795298	11.86718421	-10.737953	11.86718421

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.339704218
R Square	0.115398955
Adjusted R Square	-0.32690157
Standard Error	135.0619756
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	9518.765263	4759.382632	0.260906216	0.782519008
Residual	4	72966.94902	18241.73726		
Total	6	82485.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	296.6582988	208.6960955	1.421484663	0.228229158	-282.7749539	876.0915516	-282.774954	876.0915516
GLFA (m2)	0.035592326	0.050327228	0.707218076	0.518456341	-0.104138461	0.175323113	-0.10413846	0.175323113
Parking Spaces	0.018930488	1.694900553	0.011169085	0.991623404	-4.686867855	4.724728832	-4.68686786	4.724728832

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.556167168
R Square	0.309321919
Adjusted R Square	-0.036017122
Standard Error	119.3430715
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	25514.63942	12757.31971	0.895705039	0.477036212
Residual	4	56971.07487	14242.76872		
Total	6	82485.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	257.6259494	85.91815372	2.998504254	0.040000932	19.07891205	496.1729867	19.07891205	496.1729867
GLFA (m2)	-0.013334031	0.063271742	-0.21074228	0.843388871	-0.189004549	0.162336487	-0.189004549	0.162336487
Avg Weekday Staff Numb	6.631669483	6.257274464	1.059833562	0.348974921	-10.74130957	24.00464854	-10.74130957	24.00464854

Wednesday/Thursday - PM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.552247251
R Square	0.304977027
Adjusted R Square	-0.04253446
Standard Error	119.7178625
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	25156.24788	12578.12394	0.877602722	0.483056934
Residual	4	57329.46641	14332.3666		
Total	6	82485.71429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	257.9359553	88.30194179	2.92106776	0.043197351	12.77046121	503.1014494	12.77046121	503.1014494
Major Tenant GLFA (m2)	-0.01028342	0.074351973	-0.13830734	0.896680815	-0.216717596	0.196150749	-0.2167176	0.196150749
Avg Weekday Staff Numb	6.315575887	6.339249675	0.996265522	0.375507267	-11.28500285	23.91615462	-11.2850028	23.91615462

Peak Period Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Friday - AM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.587531484
R Square	0.345193245
Adjusted R Square	0.017789867
Standard Error	86.64447993
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	15830.36496	7915.182481	1.054336237	0.428771886
Residual	4	30029.06361	7507.265903		
Total	6	45859.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	150.0048026	133.8819795	1.12042564	0.325256503	-221.7111641	521.7207694	-221.711164	521.7207694
GLFA (m2)	0.046788353	0.032285745	1.449195381	0.220872894	-0.042851246	0.136427952	-0.04285125	0.136427952
Parking Spaces	0.442656477	1.087306596	0.407112841	0.70476918	-2.576190599	3.461503553	-2.5761906	3.461503553

Friday - AM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.680599828
R Square	0.463216125
Adjusted R Square	0.194824188
Standard Error	78.44839347
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	21242.82682	10621.41341	1.72589434	0.288136928
Residual	4	24616.60176	6154.150439		
Total	6	45859.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	173.0337488	56.47702078	3.063790307	0.037519458	16.22840093	329.8390967	16.22840093	329.8390967
GLFA (m2)	0.012431348	0.041590739	0.298897023	0.77990406	-0.103043055	0.127905751	-0.103043055	0.127905751
Avg Weekday Staff Numb	4.277777813	4.113126326	1.040030739	0.357056844	-7.142091641	15.69764727	-7.142091641	15.69764727

Friday - AM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.683350132
R Square	0.466967403
Adjusted R Square	0.200451104
Standard Error	78.17379729
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	21414.85824	10707.42912	1.752115742	0.28412375
Residual	4	24444.57033	6111.142583		
Total	6	45859.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	170.4596682	57.65971722	2.95630427	0.04170722	10.37062858	330.5487079	10.37062858	330.5487079
Major Tenant GLFA (m2)	0.016686065	0.048550617	0.343683893	0.748389481	-0.118112058	0.151484188	-0.11811206	0.151484188
Avg Weekday Staff Numb	4.128175754	4.139425886	0.9972822	0.375069372	-7.364712986	15.62106449	-7.36471299	15.62106449

Friday - PM Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.587531484
R Square	0.345193245
Adjusted R Square	0.017789867
Standard Error	86.64447993
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	15830.36496	7915.182481	1.054336237	0.428771886
Residual	4	30029.06361	7507.265903		
Total	6	45859.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	150.0048026	133.8819795	1.12042564	0.325256503	-221.7111641	521.7207694	-221.711164	521.7207694
GLFA (m2)	0.046788353	0.032285745	1.449195381	0.220872894	-0.042851246	0.136427952	-0.04285125	0.136427952
Parking Spaces	0.442656477	1.087306596	0.407112841	0.70476918	-2.576190599	3.461503553	-2.5761906	3.461503553

Friday - PM Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.680599828
R Square	0.463216125
Adjusted R Square	0.194824188
Standard Error	78.44839347
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	21242.82682	10621.41341	1.72589434	0.288136928
Residual	4	24616.60176	6154.150439		
Total	6	45859.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	173.0337488	56.47702078	3.063790307	0.037519458	16.22840093	329.8390967	16.22840093	329.8390967
GLFA (m2)	0.012431348	0.041590739	0.298897023	0.77990406	-0.103043055	0.127905751	-0.103043055	0.127905751
Avg Weekday Staff Numb	4.277777813	4.113126326	1.040030739	0.357056844	-7.142091641	15.69764727	-7.142091641	15.69764727

Friday - PM Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.683350132
R Square	0.466967403
Adjusted R Square	0.200451104
Standard Error	78.17379729
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	21414.85824	10707.42912	1.752115742	0.28412375
Residual	4	24444.57033	6111.142583		
Total	6	45859.42857			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	170.4596682	57.65971722	2.95630427	0.04170722	10.37062858	330.5487079	10.37062858	330.5487079
Major Tenant GLFA (m2)	0.016686065	0.048550617	0.343683893	0.748389481	-0.118112058	0.151484188	-0.11811206	0.151484188
Avg Weekday Staff Numb	4.128175754	4.139425886	0.9972822	0.375069372	-7.364712986	15.62106449	-7.36471299	15.62106449

Peak Period Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Saturday - Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.620227016
R Square	0.384681551
Adjusted R Square	0.077022327
Standard Error	148.3568843
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	55039.79669	27519.89835	1.250349479	0.378616794
Residual	4	88039.06045	22009.76511		
Total	6	143078.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	496.6174768	229.239224	2.166372177	0.096200001	-139.8526447	1133.087598	-139.852645	1133.087598
GLFA (m2)	0.063550964	0.05528122	1.1495941	0.314370822	-0.089934308	0.217036237	-0.08993431	0.217036237
Parking Spaces	-1.50428064	1.861739131	-0.80799754	0.464402621	-6.673297136	3.664735862	-6.67329714	3.664735862

Saturday - Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.609754684
R Square	0.371800775
Adjusted R Square	0.057701162
Standard Error	149.9016571
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	53196.82995	26598.41497	1.183703386	0.394634267
Residual	4	89882.0272	22470.5068		
Total	6	143078.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	297.0307204	104.9031343	2.831476128	0.047274224	5.772926751	588.2885141	5.772926751	588.2885141
GLFA (m2)	0.021964755	0.087764656	0.250268803	0.814708082	-0.221708994	0.265638505	-0.221708994	0.265638505
Avg Weekend Staff Numb	6.528796979	8.744353181	0.746630064	0.496780922	-17.74941961	30.80701357	-17.74941961	30.80701357

Saturday - Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.615998213
R Square	0.379453799
Adjusted R Square	0.069180698
Standard Error	148.9857722
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	54291.81585	27145.90793	1.222967115	0.385077588
Residual	4	88787.04129	22196.76032		
Total	6	143078.8571			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	291.3372566	106.9956397	2.722889058	0.052829063	-5.730263484	588.4047767	-5.73026348	588.4047767
Major Tenant GLFA (m2)	0.034677718	0.103279874	0.335764525	0.753921291	-0.252073182	0.321428617	-0.25207318	0.321428617
Avg Weekend Staff Numt	5.880048033	8.871430912	0.662807172	0.54369728	-18.7509929	30.51108896	-18.7509929	30.51108896

Sunday - Peak Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.411187201
R Square	0.169074914
Adjusted R Square	-1.49277526
Standard Error	378.4550421
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	29143.78109	14571.89055	0.101738964	0.911550923
Residual	1	143228.2189	143228.2189		
Total	3	172372			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-584.054735	2579.026707	-0.22646324	0.858220489	-33353.69609	32185.58662	-33353.6961	32185.58662
GLFA (m2)	-0.03787821	0.1932243	-0.19603232	0.876764677	-2.493025728	2.417269311	-2.49302573	2.417269311
Parking Spaces	14.32835821	32.69353614	0.438262724	0.737043916	-401.0824055	429.7391219	-401.082406	429.7391219

Sunday - Peak Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.331251865
R Square	0.109727798
Adjusted R Square	-1.670816606
Standard Error	391.7371568
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	18914	9457	0.061625982	0.943542369
Residual	1	153458	153458		
Total	3	172372			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	481.0740867	370.8201274	1.297324636	0.418062776	-4230.642373	5192.790546	-4230.642373	5192.790546
GLFA (m2)	1.426766815	4.207104451	0.339132729	0.791850227	-52.02956368	54.88309731	-52.02956368	54.88309731
Avg Weekend Staff Numb	-161	479.7780737	-0.335571817	0.793885541	-6257.158432	5935.158432	-6257.158432	5935.158432

Sunday - Peak Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.331251865
R Square	0.109727798
Adjusted R Square	-1.67081661
Standard Error	391.7371568
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	18914	9457	0.061625982	0.943542369
Residual	1	153458	153458		
Total	3	172372			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	244.3866082	934.3283146	0.261563954	0.83713202	-11627.38025	12116.15346	-11627.3802	12116.15346
Major Tenant GLFA (m2)	1.665603826	4.911362669	0.339132729	0.791850227	-60.73917578	64.07038343	-60.7391758	64.07038343
Avg Weekend Staff Numt	-161	479.7780737	-0.33557182	0.793885541	-6257.158432	5935.158432	-6257.15843	5935.158432

Daily Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 1

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
5	3080	991	97
6	2798	991	84
10	4084	1452	109
12	2590	991	89
15	1800	991	73
19	3076	3920	93
20	1850	660	174

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 2

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	3080	991	8
6	2798	991	8
10	4084	1452	30
12	2590	991	9
15	1800	991	8
19	3076	3920	34
20	1850	660	20

Wednesday/Thursday - Daily - MULTIPLE REGRESSION 3

	Wednesday/Thursday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	3080	991	8
6	2798	991	8
10	4084	1452	30
12	2590	991	9
15	1800	991	8
19	3076	3500	34
20	1850	660	20

Friday - Daily - MULTIPLE REGRESSION 1

	Friday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
5	2636	991	97
6	2176	991	84
10	3738	1452	109
12	2342	991	89
15	1448	991	73
19	3654	3920	93
20	1804	660	174

Friday - Daily - MULTIPLE REGRESSION 2

	Friday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekday Staff Numbers
5	2636	991	8
6	2176	991	8
10	3738	1452	30
12	2342	991	9
15	1448	991	8
19	3654	3920	34
20	1804	660	20

Friday - Daily - MULTIPLE REGRESSION 3

	Friday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekday Staff Numbers
5	2636	991	8
6	2176	991	8
10	3738	1452	30
12	2342	991	9
15	1448	991	8
19	3654	3500	34
20	1804	660	20

Saturday - Daily - MULTIPLE REGRESSION 1

	Saturday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
5	3370	991	97
6	3394	991	84
10	3852	1452	109
12	2772	991	89
15	1782	991	73
19	3890	3920	93
20	1424	660	174

Saturday - Daily - MULTIPLE REGRESSION 2

	Saturday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
5	3370	991	8
6	3394	991	8
10	3852	1452	30
12	2772	991	9
15	1782	991	8
19	3890	3920	34
20	1424	660	15

Saturday - Daily - MULTIPLE REGRESSION 3

	Saturday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
5	3370	991	8
6	3394	991	8
10	3852	1452	30
12	2772	991	9
15	1782	991	8
19	3890	3500	34
20	1424	660	15

Sunday - Daily - MULTIPLE REGRESSION 1

	Sunday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Parking Spaces
6	3674	991	84
12	2584	991	89
15	1824	991	73
19	4086	3920	93

Sunday - Daily - MULTIPLE REGRESSION 2

	Sunday Daily		
Site Number	Daily Person Trips	GLFA (m2)	Avg Weekend Staff Numbers
6	3674	991	8
12	2584	991	9
15	1824	991	8
19	4086	3920	34

Sunday - Daily - MULTIPLE REGRESSION 3

	Sunday Daily		
Site Number	Daily Person Trips	Major Tenant GLFA (m2)	Avg Weekend Staff Numbers
6	3674	991	8
12	2584	991	9
15	1824	991	8
19	4086	3500	34

Daily Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.370771267
R Square	0.137471333
Adjusted R Square	-0.293793
Standard Error	897.435969
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	513458.7262	256729.3631	0.318763509	0.743955702
Residual	4	3221565.274	805391.3184		
Total	6	3735024			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2743.108343	1386.706968	1.978145641	0.119053969	-1107.00743	6593.224117	-1107.00743	6593.224117
GLFA (m2)	0.225603615	0.334405481	0.6746409	0.536887747	-0.702854847	1.154062077	-0.702854847	1.154062077
Parking Spaces	-3.03044804	11.26197594	-0.26908671	0.801172571	-34.29870601	28.23780994	-34.29870601	28.23780994

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.495558191
R Square	0.245577921
Adjusted R Square	-0.131633119
Standard Error	839.3128994
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	917239.4277	458619.7139	0.651035879	0.569152674
Residual	4	2817784.572	704446.1431		
Total	6	3735024			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2182.548715	604.2429929	3.612038104	0.022515794	504.9012147	3860.196215	504.9012147	3860.196215
GLFA (m2)	-0.016995189	0.444975886	-0.038193506	0.971363572	-1.252446311	1.218455932	-1.252446311	1.218455932
Avg Weekday Staff Numb	35.6413924	44.00599973	0.809921207	0.4634148	-86.53885015	157.8216349	-86.53885015	157.8216349

Wednesday/Thursday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.495586363
R Square	0.245605843
Adjusted R Square	-0.13159124
Standard Error	839.297367
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	917343.7189	458671.8595	0.651134002	0.569110544
Residual	4	2817680.281	704420.0703		
Total	6	3735024			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2171.998898	619.052042	3.508588536	0.024703415	453.234886	3890.76291	453.234886	3890.76291
Major Tenant GLFA (m2)	0.020894748	0.521254007	0.040085539	0.969945906	-1.426338389	1.468127884	-1.426338389	1.468127884
Avg Weekday Staff Numt	33.11042401	44.44211958	0.745023512	0.497651055	-90.28068137	156.5015294	-90.28068137	156.5015294

Daily Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Friday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.370771267
R Square	0.137471333
Adjusted R Square	-0.293793
Standard Error	897.435969
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	513458.7262	256729.3631	0.318763509	0.743955702
Residual	4	3221565.274	805391.3184		
Total	6	3735024			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2743.108343	1386.706968	1.978145641	0.119053969	-1107.00743	6593.224117	-1107.00743	6593.224117
GLFA (m2)	0.225603615	0.334405481	0.6746409	0.536887747	-0.702854847	1.154062077	-0.702854847	1.154062077
Parking Spaces	-3.03044804	11.26197594	-0.26908671	0.801172571	-34.29870601	28.23780994	-34.29870601	28.23780994

Friday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.495558191
R Square	0.245577921
Adjusted R Square	-0.131633119
Standard Error	839.3128994
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	917239.4277	458619.7139	0.651035879	0.569152674
Residual	4	2817784.572	704446.1431		
Total	6	3735024			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2182.548715	604.2429929	3.612038104	0.022515794	504.9012147	3860.196215	504.9012147	3860.196215
GLFA (m2)	-0.016995189	0.444975886	-0.038193506	0.971363572	-1.252446311	1.218455932	-1.252446311	1.218455932
Avg Weekday Staff Numb	35.6413924	44.00599973	0.809921207	0.4634148	-86.53885015	157.8216349	-86.53885015	157.8216349

Friday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.800082444
R Square	0.640131918
Adjusted R Square	0.460197877
Standard Error	642.6968632
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2938992.682	1469496.341	3.557592071	0.129505037
Residual	4	1652237.032	413059.258		
Total	6	4591229.714			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1459.093721	474.0427186	3.077979397	0.037004284	142.9401354	2775.247307	142.9401354	2775.247307
Major Tenant GLFA (m2)	0.268756369	0.399153302	0.673316162	0.537647034	-0.839470862	1.3769836	-0.839470862	1.3769836
Avg Weekday Staff Numt	42.82677743	34.03181277	1.258433623	0.276679115	-51.66068255	137.3142374	-51.66068255	137.3142374

Daily Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Saturday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.650505028
R Square	0.423156791
Adjusted R Square	0.134735186
Standard Error	913.8821736
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2450664.919	1225332.46	1.46714665	0.332748088
Residual	4	3340722.509	835180.6273		
Total	6	5791387.429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	3302.921212	1412.11944	2.338981476	0.079466857	-617.7508951	7223.593319	-617.7508951	7223.593319
GLFA (m2)	0.432425439	0.340533719	1.26984617	0.272985054	-0.513047739	1.377898617	-0.513047739	1.377898617
Parking Spaces	-9.67868313	11.46836032	-0.84394655	0.446215378	-41.519956	22.16258973	-41.519956	22.16258973

Saturday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.580350774
R Square	0.336807021
Adjusted R Square	0.005210531
Standard Error	979.8989083
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1950579.947	975289.9733	1.01571347	0.439824928
Residual	4	3840807.482	960201.8705		
Total	6	5791387.429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2133.38474	685.7460334	3.111042042	0.035835731	229.4485224	4037.320958	229.4485224	4037.320958
GLFA (m2)	0.35404445	0.573712742	0.61711101	0.570556344	-1.238837484	1.946926383	-1.238837484	1.946926383
Avg Weekend Staff Numb	17.95784375	57.161357	0.314160557	0.769102087	-140.7475261	176.6632136	-140.7475261	176.6632136

Saturday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.593465299
R Square	0.352201061
Adjusted R Square	0.028301591
Standard Error	968.4594252
Observations	7

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2039732.795	1019866.398	1.087377701	0.419643466
Residual	4	3751654.633	937913.6583		
Total	6	5791387.429			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2066.967771	695.5089346	2.9718781	0.041067794	135.925394	3998.010148	135.925394	3998.010148
Major Tenant GLFA (m2)	0.467511136	0.67135516	0.696369319	0.524542831	-1.396469613	2.331491885	-1.396469613	2.331491885
Avg Weekend Staff Numb	13.73516931	57.66739169	0.238179132	0.823445891	-146.3751781	173.8455167	-146.3751781	173.8455167

Daily Person Trip Multiple Regression Datasets - Sites Less than 2000m^2

Sunday - Daily Persons - MULTIPLE REGRESSION 1

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.804605625
R Square	0.647390212
Adjusted R Square	-0.05782936
Standard Error	1059.354915
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	2060415.164	1030207.582	0.917998074	0.593809555
Residual	1	1122232.836	1122232.836		
Total	3	3182648			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-3046.14815	7219.099532	-0.4219568	0.745803957	-94773.50482	88681.20851	-94773.50482	88681.20851
GLFA (m2)	0.222448699	0.540865068	0.411283168	0.751593992	-6.649893594	7.094790992	-6.649893594	7.094790992
Parking Spaces	67.31343284	91.51432625	0.735550767	0.596262563	-1095.486333	1230.113198	-1095.486333	1230.113198

Sunday - Daily Persons - MULTIPLE REGRESSION 2

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.679940291
R Square	0.462318799
Adjusted R Square	-0.613043604
Standard Error	1308.147545
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1471398	735699	0.429919065	0.733267483
Residual	1	1711250	1711250		
Total	3	3182648			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	2165.156709	1238.29826	1.748493703	0.330734881	-13568.9145	17899.22792	-13568.9145	17899.22792
GLFA (m2)	1.921133493	14.04899501	0.136745261	0.913481875	-176.5882734	180.4305404	-176.5882734	180.4305404
Avg Weekend Staff Numb	-165	1602.146997	-0.102986805	0.934666895	-20522.20776	20192.20776	-20522.20776	20192.20776

Sunday - Daily Persons - MULTIPLE REGRESSION 3

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.679940291
R Square	0.462318799
Adjusted R Square	-0.6130436
Standard Error	1308.147545
Observations	4

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	2	1471398	735699	0.429919065	0.733267483
Residual	1	1711250	1711250		
Total	3	3182648			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	1846.45835	3120.049426	0.591804199	0.659808613	-37797.52844	41490.44514	-37797.52844	41490.44514
Major Tenant GLFA (m2)	2.242726186	16.40075982	0.136745261	0.913481875	-206.1486859	210.6341382	-206.1486859	210.6341382
Avg Weekend Staff Numb	-165	1602.146997	-0.1029868	0.934666895	-20522.20776	20192.20776	-20522.20776	20192.20776

APPENDIX D

EXPONENTIAL REGRESSION SUMMARY

Peak Period Vehicle Trips Linear Regression Datasets - All Sites

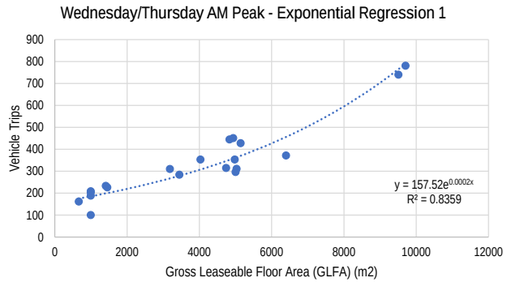
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

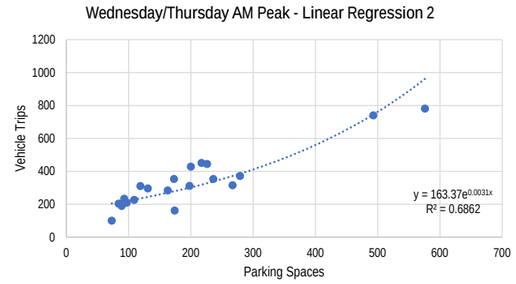
Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
1	428	5142
2	284	3445
3	310	3182
4	353	4976
5	209	991
6	204	991
7	372	6394
8	315	4740
9	781	9700
10	226	1452
11	353	4027
12	189	991
13	445	4831
14	311	5028
15	100	991
16	451	4933
17	296	5000
18	740	9505
19	233	1411
20	162	660

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Parking Spaces
1	428	200
2	284	163
3	310	119
4	353	236
5	209	97
6	204	84
7	372	279
8	315	267
9	781	576
10	226	109
11	353	173
12	189	89
13	445	226
14	311	198
15	100	73
16	451	217
17	296	131
18	740	493
19	233	93
20	162	174



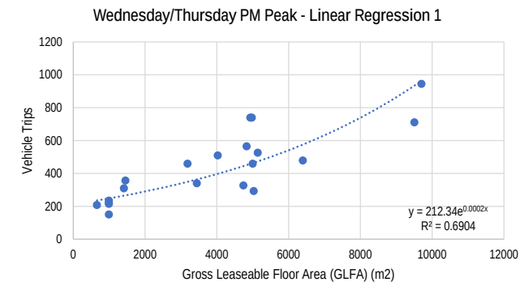


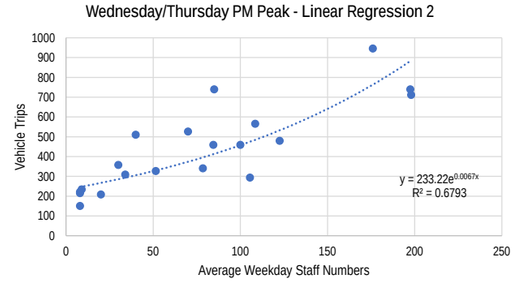
Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
1	526	5142
2	340	3445
3	459	3182
4	739	4976
5	215	991
6	221	991
7	479	6394
8	327	4740
9	945	9700
10	357	1452
11	510	4027
12	234	991
13	565	4831
14	293	5028
15	150	991
16	739	4933
17	459	5000
18	711	9505
19	309	1411
20	208	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Avg Weekday Staff Numbers
1	526	70
2	340	78.5
3	459	84.5
4	739	85
5	215	8
6	221	8
7	479	122.5
8	327	51.5
9	945	176
10	357	30
11	510	40
12	234	9
13	565	108.5
14	293	105.5
15	150	8
16	739	197.5
17	459	100
18	711	198
19	309	34
20	208	20



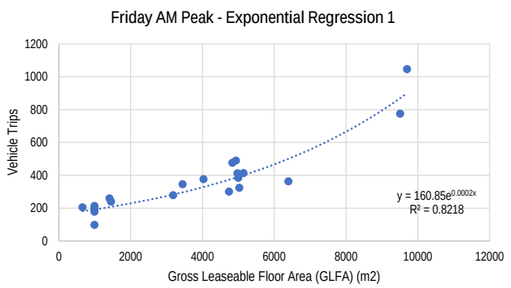


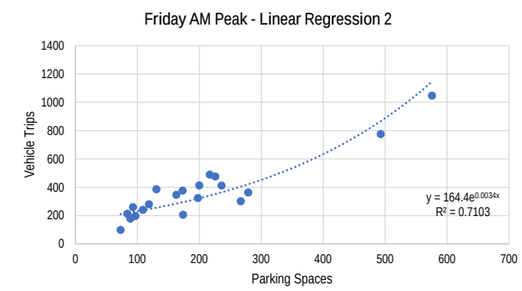
Friday - AM Peak - LINEAR REGRESSION 1

	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	GLFA (m2)
1	413	5142
2	346	3445
3	279	3182
4	412	4976
5	197	991
6	213	991
7	363	6394
8	301	4740
9	1046	9700
10	240	1452
11	376	4027
12	178	991
13	476	4831
14	324	5028
15	98	991
16	489	4933
17	385	5000
18	775	9505
19	259	1411
20	205	660

Friday - AM Peak - LINEAR REGRESSION 2

	Friday 1-hr AM Peak	
Site Number	AM Vehicle Trips	Parking Spaces
1	413	200
2	346	163
3	279	119
4	412	236
5	197	97
6	213	84
7	363	279
8	301	267
9	1046	576
10	240	109
11	376	173
12	178	89
13	476	226
14	324	198
15	98	73
16	489	217
17	385	131
18	775	493
19	259	93
20	205	174





Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	GLFA (m2)
1	491	5142
2	322	3445
3	418	3182
4	771	4976
5	225	991
6	195	991
7	421	6394
8	337	4740
9	990	9700
10	356	1452
11	600	4027
12	242	991
13	594	4831
14	329	5028
15	161	991
16	811	4933
17	490	5000
18	744	9505
19	350	1411
20	198	660

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Vehicle Trips	Avg Weekday Staff Numbers
1	491	70
2	322	78.5
3	418	84.5
4	771	85
5	225	8
6	195	8
7	421	122.5
8	337	51.5
9	990	176
10	356	30
11	600	40
12	242	9
13	594	108.5
14	329	105.5
15	161	8
16	811	197.5
17	490	100
18	744	198
19	350	34
20	198	20

Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	GLFA (m2)
1	521	5142
2	409	3445
3	412	3182
4	602	4976
5	290	991
6	289	991
7	578	6394
8	484	4740
9	1238	9700
10	383	1452
11	588	4027
12	278	991
13	564	4831
outlier value 14		5028
15	160	991
16	750	4933
17	480	5000
18	809	9505
19	344	1411
20	181	660

Saturday - Peak - LINEAR REGRESSION 2

	Saturday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
1	521	200
2	409	163
3	412	119
4	602	236
5	290	97
6	289	84
7	578	279
8	484	267
9	1238	576
10	383	109
11	588	173
12	278	89
13	564	226
14	289	198
15	160	73
16	750	217
17	480	131
18	809	493
19	344	93
20	181	174

Sunday - Peak - LINEAR REGRESSION 1

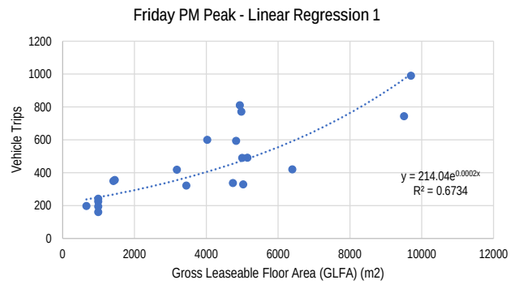
	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	GLFA (m2)
1	523	5142
2	348	3445
3	412	3182
4	699	4976
6	374	991
7	473	6394
11	579	4027
12	281	991
15	149	991
19	360	1411

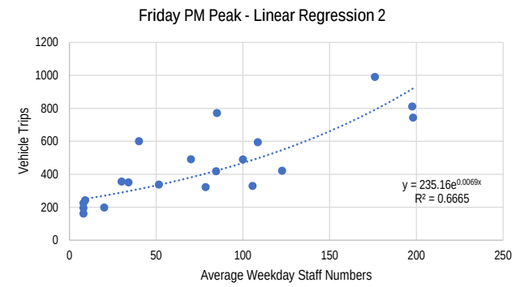
Sunday - Peak - LINEAR REGRESSION 2

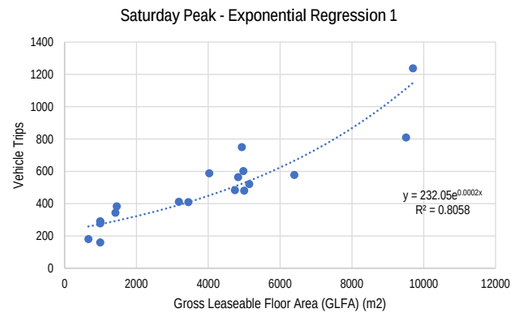
	Sunday 1-hr Peak	
Site Number	Peak Vehicle Trips	Parking Spaces
1	523	200
2	348	163
3	412	119
4	699	236
6	374	84
7	473	279
11	579	173
12	281	89
15	149	73
19	360	93

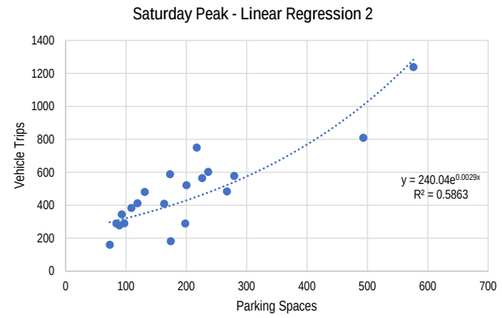
Sunday - Peak - LINEAR REGRESSION 3

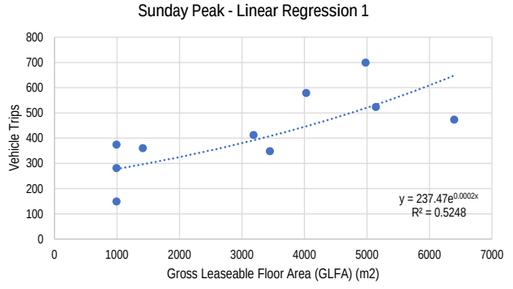
	Sunday 1-hr AM Peak	
Site Number	Peak Vehicle Trips	Major Tenant GLFA (m2)
1	523	3844
2	348	2150
3	412	2540
4	699	3800
6	374	991
7	473	3833
11	579	3847
12	281	991
15	149	991
19	360	1199

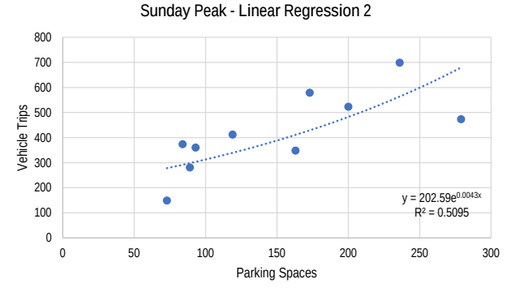


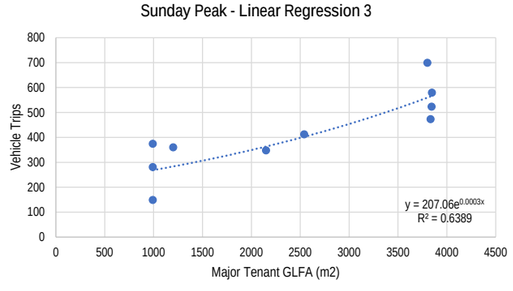












Daily Vehicle Trip Linear Regression Datasets - All Sites

Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

Wednesday/Thursday - Daily - LINEAR REGRESSION 1

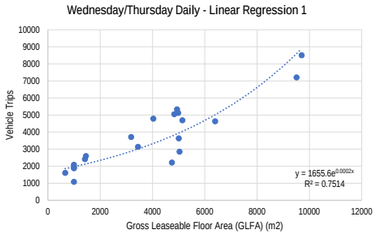
	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4691	5142
2	3133	3445
3	3713	3182
4	5123	4976
5	2080	991
6	1931	991
7	4628	6394
8	2210	4740
9	8509	9700
10	2592	1452
11	4786	4027
12	1873	991
13	5045	4831
14	2844	5028
15	1076	991
16	5332	4933
17	3633	5000
18	7202	9505
19	2409	1411
20	1605	660

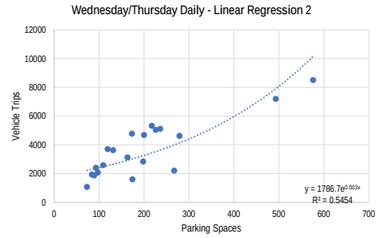
Wednesday/Thursday - Daily - LINEAR REGRESSION 2

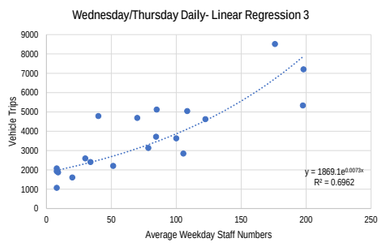
	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4691	200
2	3133	163
3	3713	119
4	5123	236
5	2080	97
6	1931	84
7	4628	279
8	2210	267
9	8509	576
10	2592	109
11	4786	173
12	1873	89
13	5045	226
14	2844	198
15	1076	73
16	5332	217
17	3633	131
18	7202	493
19	2409	93
20	1605	174

Wednesday/Thursday - Daily - LINEAR REGRESSION 3

	Wednesday/Thursday Daily	
Site Number	Daily Vehicle Trips	Avg Weekday Staff Numbers
1	4691	70
2	3133	78.5
3	3713	84.5
4	5123	85
5	2080	8
6	1931	8
7	4628	122.5
8	2210	51.5
9	8509	176
10	2592	30
11	4786	40
12	1873	9
13	5045	108.5
14	2844	105.5
15	1076	8
16	5332	197.5
17	3633	100
18	7202	198
19	2409	34
20	1605	20







Friday - Daily - LINEAR REGRESSION 1

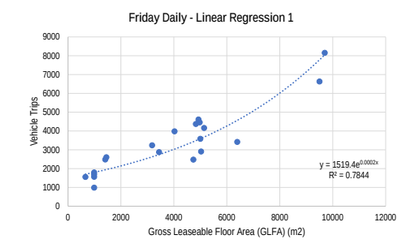
	Friday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4155	5142
2	2871	3445
3	3237	3182
4	4459	4976
5	1795	991
6	1561	991
7	3416	6394
8	2475	4740
9	8155	9700
10	2604	1452
11	3978	4027
12	1685	991
13	4369	4831
14	2906	5028
15	985	991
16	4607	4933
17	3580	5000
18	6626	9505
19	2482	1411
20	1557	660

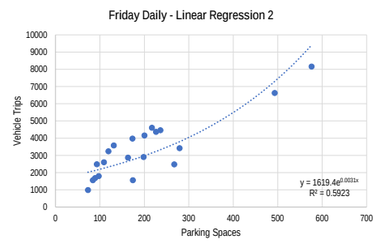
Friday - Daily - LINEAR REGRESSION 2

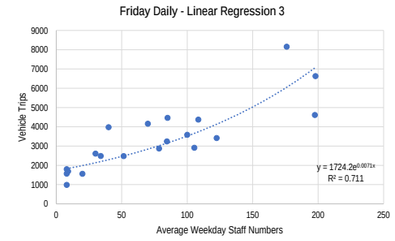
	Friday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4155	200
2	2871	163
3	3237	119
4	4459	236
5	1795	97
6	1561	84
7	3416	279
8	2475	267
9	8155	576
10	2604	109
11	3978	173
12	1685	89
13	4369	226
14	2906	198
15	985	73
16	4607	217
17	3580	131
18	6626	493
19	2482	93
20	1557	174

Friday - Daily - LINEAR REGRESSION 3

	Friday Daily	
Site Number	Daily Vehicle Trips	Avg Weekday Staff Numbers
1	4155	70
2	2871	78.5
3	3237	84.5
4	4459	85
5	1795	8
6	1561	8
7	3416	122.5
8	2475	51.5
9	8155	176
10	2604	30
11	3978	40
12	1685	9
13	4369	108.5
14	2906	105.5
15	985	8
16	4607	197.5
17	3580	100
18	6626	198
19	2482	34
20	1557	20





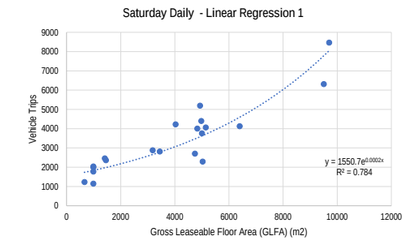


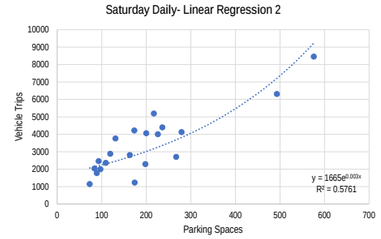
Saturday - Daily - LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	4064	5142
2	2814	3445
3	2882	3182
4	4396	4976
5	1996	991
6	2040	991
7	4126	6394
8	2705	4740
9	8463	9700
10	2363	1452
11	4224	4027
12	1776	991
13	4006	4831
14	2288	5028
15	1149	991
16	5194	4933
17	3762	5000
18	6313	9505
19	2461	1411
20	1231	660

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	4064	200
2	2814	163
3	2882	119
4	4396	236
5	1996	97
6	2040	84
7	4126	279
8	2705	267
9	8463	576
10	2363	109
11	4224	173
12	1776	89
13	4006	226
14	2288	198
15	1149	73
16	5194	217
17	3762	131
18	6313	493
19	2461	93
20	1231	174





Sunday - Daily - LINEAR REGRESSION 1

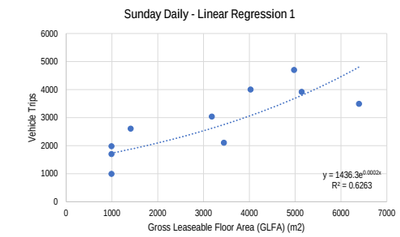
	Sunday Daily	
Site Number	Daily Vehicle Trips	GLFA (m2)
1	3920	5142
2	2107	3445
3	3040	3182
4	4702	4976
6	1984	991
7	3491	6394
11	4004	4027
12	1701	991
15	997	991
19	2607	1411

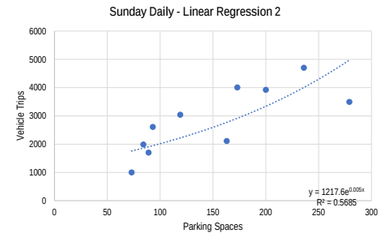
Sunday - Daily - LINEAR REGRESSION 2

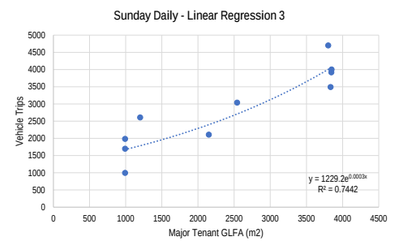
	Sunday Daily	
Site Number	Daily Vehicle Trips	Parking Spaces
1	3920	200
2	2107	163
3	3040	119
4	4702	236
6	1984	84
7	3491	279
11	4004	173
12	1701	89
15	997	73
19	2607	93

Sunday - Daily - LINEAR REGRESSION 3

	Sunday Daily	
Site Number	Daily Vehicle Trips	Major Tenant GLFA (m2)
1	3920	3844
2	2107	2150
3	3040	2540
4	4702	3800
6	1984	991
7	3491	3833
11	4004	3847
12	1701	991
15	997	991
19	2607	1199







Peak Period Person Trips Linear Regression Datasets - All Sites

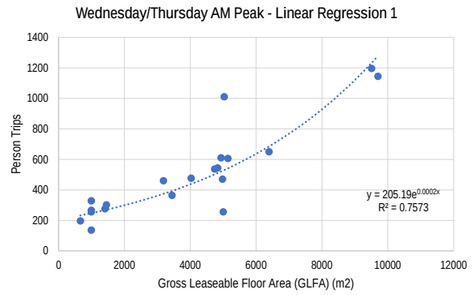
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

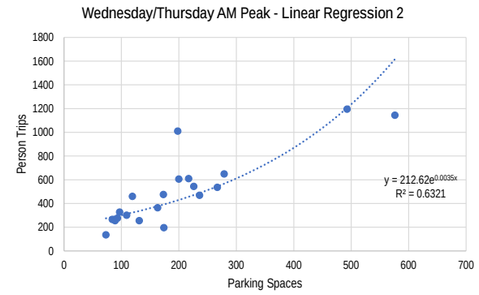
Wednesday/Thursday - AM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
1	606	5142
2	364	3445
3	460	3182
4	470	4976
5	328	991
6	266	991
7	650	6394
8	536	4740
9	1144	9700
10	302	1452
11	476	4027
12	256	991
13	544	4831
14	1010	5028
15	136	991
16	610	4933
17	256	5000
18	1196	9505
19	276	1411
20	196	660

Wednesday/Thursday - AM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr AM Peak	
Site Number	AM Person Trips	Parking Spaces
1	606	200
2	364	163
3	460	119
4	470	236
5	328	97
6	266	84
7	650	279
8	536	267
9	1144	576
10	302	109
11	476	173
12	256	89
13	544	226
14	1010	198
15	136	73
16	610	217
17	256	131
18	1196	493
19	276	93
20	196	174



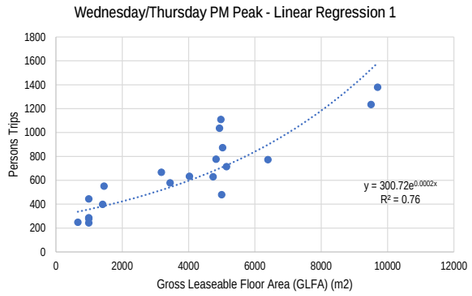


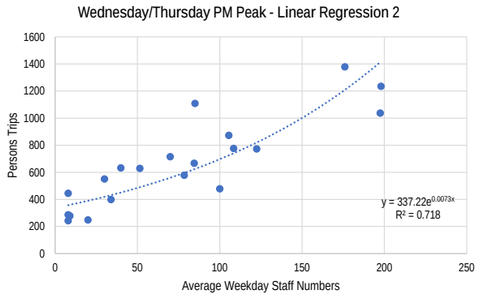
Wednesday/Thursday - PM Peak - LINEAR REGRESSION 1

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
1	714	5142
2	578	3445
3	666	3182
4	1108	4976
5	444	991
6	286	991
7	772	6394
8	628	4740
9	1378	9700
10	550	1452
11	632	4027
12	278	991
13	776	4831
14	872	5028
15	242	991
16	1036	4933
17	478	5000
18	1234	9505
19	398	1411
20	248	660

Wednesday/Thursday - PM Peak - LINEAR REGRESSION 2

	Wednesday/Thursday 1-hr PM Peak	
Site Number	PM Person Trips	Avg Weekday Staff Numbers
1	714	70
2	578	78.5
3	666	84.5
4	1108	85
5	444	8
6	286	8
7	772	122.5
8	628	51.5
9	1378	176
10	550	30
11	632	40
12	278	9
13	776	108.5
14	872	105.5
15	242	8
16	1036	197.5
17	478	100
18	1234	198
19	398	34
20	248	20



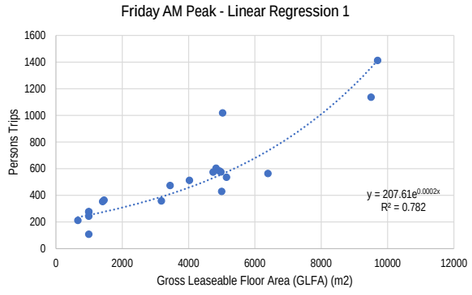


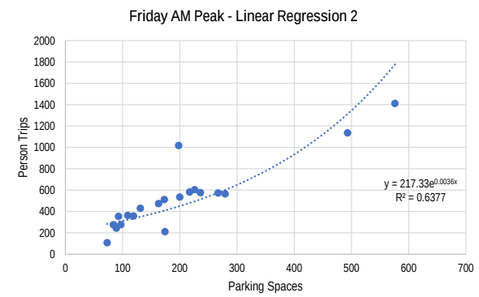
Friday - AM Peak - LINEAR REGRESSION 1

	Friday 1-hr AM Peak	
Site Number	AM Person Trips	GLFA (m2)
1	536	5142
2	474	3445
3	358	3182
4	576	4976
5	278	991
6	276	991
7	564	6394
8	574	4740
9	1412	9700
10	364	1452
11	512	4027
12	244	991
13	604	4831
14	1018	5028
15	108	991
16	582	4933
17	430	5000
18	1136	9505
19	354	1411
20	212	660

Friday - AM Peak - LINEAR REGRESSION 2

	Friday 1-hr AM Peak	
Site Number	AM Person Trips	Parking Spaces
1	536	200
2	474	163
3	358	119
4	576	236
5	278	97
6	276	84
7	564	279
8	574	267
9	1412	576
10	364	109
11	512	173
12	244	89
13	604	226
14	1018	198
15	108	73
16	582	217
17	430	131
18	1136	493
19	354	93
20	212	174



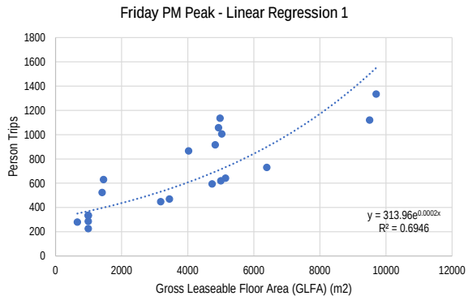


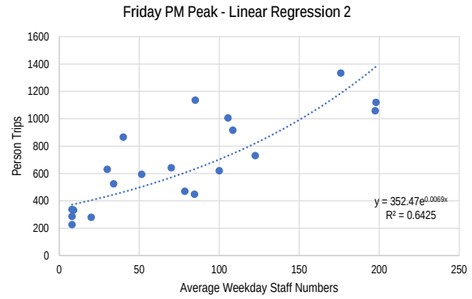
Friday - PM Peak - LINEAR REGRESSION 1

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	GLFA (m2)
1	642	5142
2	470	3445
3	448	3182
4	1136	4976
5	336	991
6	286	991
7	730	6394
8	594	4740
9	1334	9700
10	630	1452
11	866	4027
12	332	991
13	916	4831
14	1006	5028
15	226	991
16	1058	4933
17	620	5000
18	1120	9505
19	524	1411
20	280	660

Friday - PM Peak - LINEAR REGRESSION 2

	Friday 1-hr PM Peak	
Site Number	PM Person Trips	Avg Weekday Staff Numbers
1	642	70
2	470	78.5
3	448	84.5
4	1136	85
5	336	8
6	286	8
7	730	122.5
8	594	51.5
9	1334	176
10	630	30
11	866	40
12	332	9
13	916	108.5
14	1006	105.5
15	226	8
16	1058	197.5
17	620	100
18	1120	198
19	524	34
20	280	20



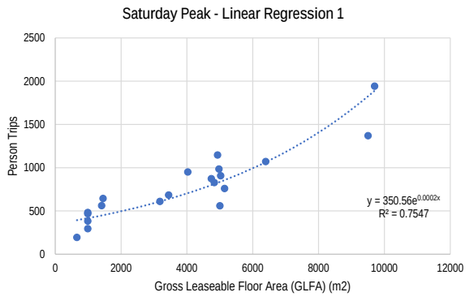


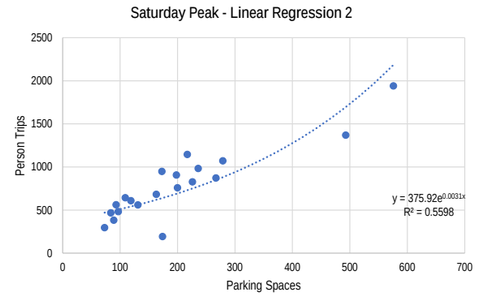
Saturday - Peak - LINEAR REGRESSION 1

	Saturday 1-hr Peak	
Site Number	Peak Person Trips	GLFA (m2)
1	760	5142
2	684	3445
3	610	3182
4	984	4976
5	482	991
6	468	991
7	1072	6394
8	874	4740
9	1942	9700
10	644	1452
11	950	4027
12	384	991
13	828	4831
14	908	5028
15	296	991
16	1146	4933
17	560	5000
18	1370	9505
19	562	1411
20	194	660

Saturday - Peak - LINEAR REGRESSION 2

	Saturday 1-hr Peak	
Site Number	Peak Person Trips	Parking Spaces
1	760	200
2	684	163
3	610	119
4	984	236
5	482	97
6	468	84
7	1072	279
8	874	267
9	1942	576
10	644	109
11	950	173
12	384	89
13	828	226
14	908	198
15	296	73
16	1146	217
17	560	131
18	1370	493
19	562	93
20	194	174



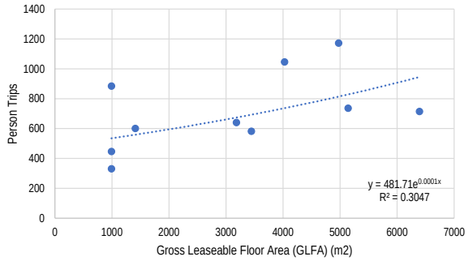


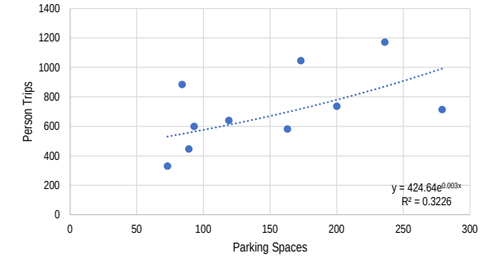
Sunday - Peak - LINEAR REGRESSION 1

	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	GLFA (m2)
1	736	5142
2	582	3445
3	640	3182
4	1172	4976
6	884	991
7	714	6394
11	1046	4027
12	446	991
15	330	991
19	600	1411

Sunday - Peak - LINEAR REGRESSION 2

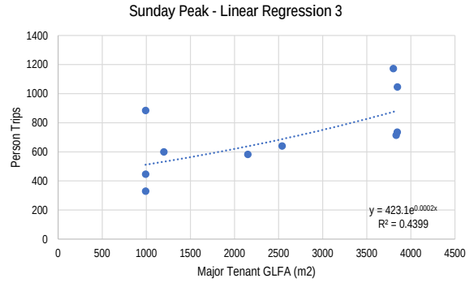
	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	Parking Spaces
1	736	200
2	582	163
3	640	119
4	1172	236
6	884	84
7	714	279
11	1046	173
12	446	89
15	330	73
19	600	93





Sunday - Peak - LINEAR REGRESSION 3

	Sunday 1-hr AM Peak	
Site Number	Peak Person Trips	Major Tenant GLFA (m2)
1	736	3844
2	582	2150
3	640	2540
4	1172	3800
6	884	991
7	714	3833
11	1046	3847
12	446	991
15	330	991
19	600	1199



Daily Person Trip Linear Regression Datasets - All Sites

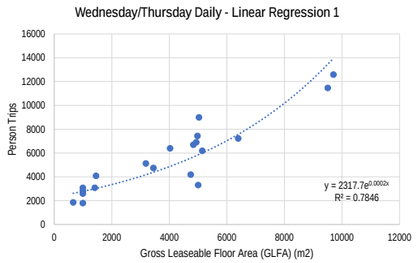
Note: Where linear equation constant is less than 20% of the lowest trips generated by input sites, the constant has been set to 0 to provide a simpler equation (refer to P3497.001R - Analysis Report for more information)

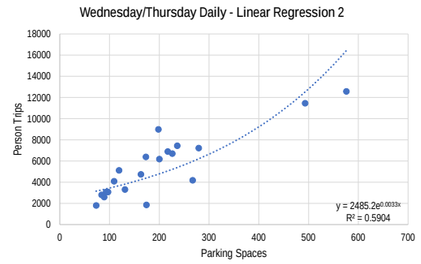
Wednesday/Thursday - Daily - LINEAR REGRESSION 1

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	6180	5142
2	4746	3445
3	5120	3182
4	7436	4976
5	3080	991
6	2798	991
7	7222	6394
8	4184	4740
9	12580	9700
10	4084	1452
11	6392	4027
12	2590	991
13	6696	4831
14	8992	5028
15	1800	991
16	6900	4933
17	3310	5000
18	11458	9505
19	3076	1411
20	1850	660

Wednesday/Thursday - Daily - LINEAR REGRESSION 2

	Wednesday/Thursday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	6180	200
2	4746	163
3	5120	119
4	7436	236
5	3080	97
6	2798	84
7	7222	279
8	4184	267
9	12580	576
10	4084	109
11	6392	173
12	2590	89
13	6696	226
14	8992	198
15	1800	73
16	6900	217
17	3310	131
18	11458	493
19	3076	93
20	1850	174



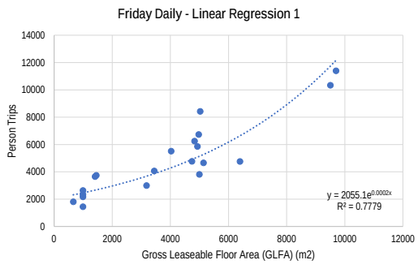


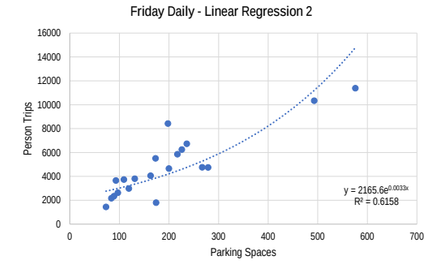
Friday - Daily - LINEAR REGRESSION 1

	Friday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	4658	5142
2	4066	3445
3	2992	3182
4	6730	4976
5	2636	991
6	2176	991
7	4758	6394
8	4766	4740
9	11392	9700
10	3738	1452
11	5510	4027
12	2342	991
13	6246	4831
14	8428	5028
15	1448	991
16	5858	4933
17	3810	5000
18	10338	9505
19	3654	1411
20	1804	660

Friday - Daily - LINEAR REGRESSION 2

	Friday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	4658	200
2	4066	163
3	2992	119
4	6730	236
5	2636	97
6	2176	84
7	4758	279
8	4766	267
9	11392	576
10	3738	109
11	5510	173
12	2342	89
13	6246	226
14	8428	198
15	1448	73
16	5858	217
17	3810	131
18	10338	493
19	3654	93
20	1804	174



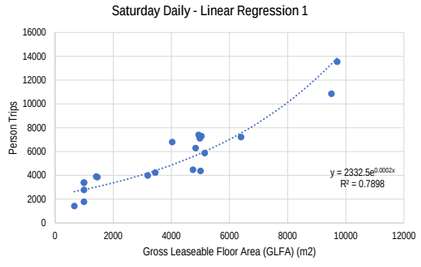


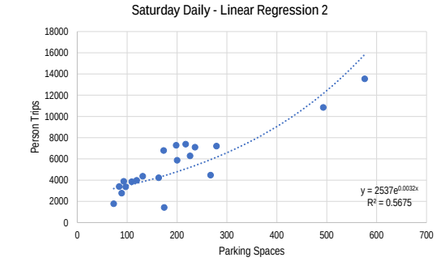
Saturday - Daily - LINEAR REGRESSION 1

	Saturday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	5870	5142
2	4228	3445
3	3982	3182
4	7108	4976
5	3370	991
6	3394	991
7	7208	6394
8	4468	4740
9	13546	9700
10	3852	1452
11	6790	4027
12	2772	991
13	6290	4831
14	7292	5028
15	1782	991
16	7396	4933
17	4372	5000
18	10846	9505
19	3890	1411
20	1424	660

Saturday - Daily - LINEAR REGRESSION 2

	Saturday Daily	
Site Number	Daily Person Trips	Parking Spaces
1	5870	200
2	4228	163
3	3982	119
4	7108	236
5	3370	97
6	3394	84
7	7208	279
8	4468	267
9	13546	576
10	3852	109
11	6790	173
12	2772	89
13	6290	226
14	7292	198
15	1782	73
16	7396	217
17	4372	131
18	10846	493
19	3890	93
20	1424	174



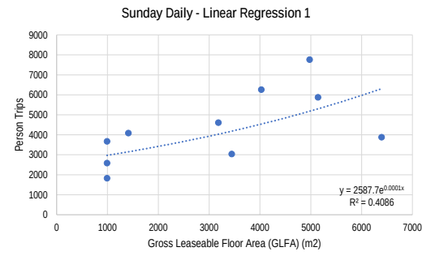


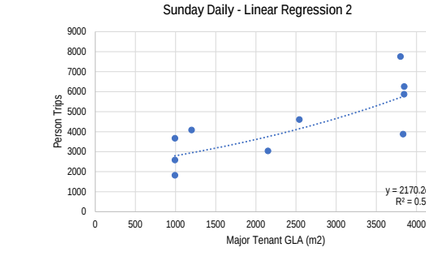
Sunday - Daily - LINEAR REGRESSION 1

	Sunday Daily	
Site Number	Daily Person Trips	GLFA (m2)
1	5872	5142
2	3038	3445
3	4608	3182
4	7760	4976
6	3674	991
7	3880	6394
11	6258	4027
12	2584	991
15	1824	991
19	4086	1411

Sunday - Daily - LINEAR REGRESSION 2

	Sunday Daily	
Site Number	Daily Person Trips	Major Tenant GLFA (m2)
1	5872	3844
2	3038	2150
3	4608	2540
4	7760	3800
6	3674	991
7	3880	3833
11	6258	3847
12	2584	991
15	1824	991
19	4086	1199





APPENDIX E

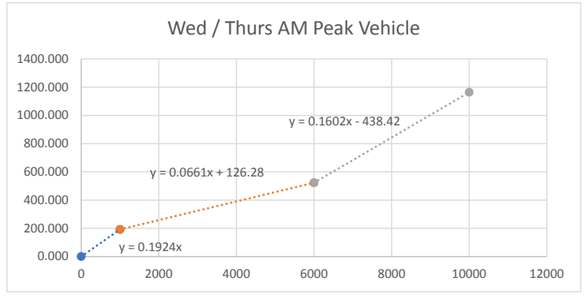
CONVERSION OF EXPONENTIAL MODELS TO LINEAR RANGES

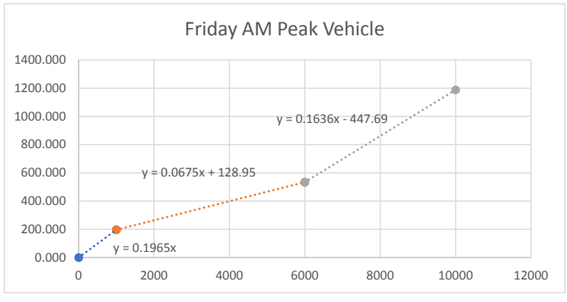
P3497.001S Exponential Regression Conversion

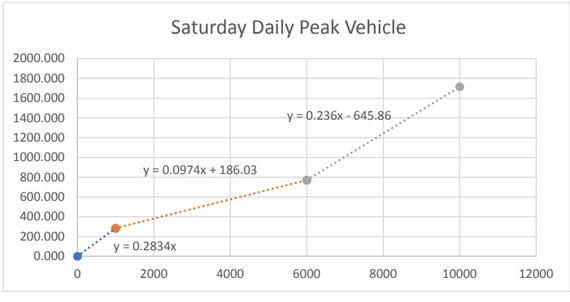
Below converts the exponential regressions to three separate linear equations for ease of use

			Range Boundary Results			Linear Equations Variables for the exponential model ($y=a_k*x + a_0$)						Linear Equations		
	Selected Regression Scenario	Exponential Equation	0-1000	1000-6000	6000-10000	0-1000		1000-6000		6000-10000		0-1000	1000-6000	6000-10000
						a_k	a_0	a_k	a_0	a_k	a_0			
Vehicle Trips	Wednesday/Thursday - AM Peak	$157.52e^{0.0002*(GLFA)}$	0.000	192.395	522.985	0.192	0.000	0.066	126.277	0.160	-438.424	0.192*GLFA + 0	0.066*GLFA + 126.277	0.16*GLFA + -438.424
			192.395	522.985	1163.924									
	Wednesday/Thursday - PM Peak	$212.34e^{0.0002*(GLFA)}$	0.000	259.353	704.994	0.259	0.000	0.089	170.224	0.216	-591.004	0.259*GLFA + 0	0.089*GLFA + 170.224	0.216*GLFA + -591.004
			259.353	704.994	1568.992									
	Friday - AM Peak	$160.85e^{0.0002*(GLFA)}$	0.000	196.463	534.041	0.196	0.000	0.068	128.947	0.164	-447.692	0.196*GLFA + 0	0.068*GLFA + 128.947	0.164*GLFA + -447.692
			196.463	534.041	1188.530									
	Friday - PM Peak	$214.04e^{0.0002*(GLFA)}$	0.000	261.429	710.638	0.261	0.000	0.090	171.587	0.218	-595.736	0.261*GLFA + 0	0.09*GLFA + 171.587	0.218*GLFA + -595.736
			261.429	710.638	1581.554									
	Saturday - Daily Peak	$232.05e^{0.0002*(GLFA)}$	0.000	283.427	770.433	0.283	0.000	0.097	186.025	0.236	-645.863	0.283*GLFA + 0	0.097*GLFA + 186.025	0.236*GLFA + -645.863
			283.427	770.433	1714.630									
	Wednesday/Thursday - Daily	$1655.6e^{0.0002*(GLFA)}$	0.000	2022.154	5496.786	2.022	0.000	0.695	1327.228	1.684	-4608.018	2.022*GLFA + 0	0.695*GLFA + 1327.228	1.684*GLFA + -4608.018
			2022.154	5496.786	12233.321									
	Friday - Daily	$1519.4e^{0.0002*(GLFA)}$	0.000	1855.799	5044.586	1.856	0.000	0.638	1218.042	1.546	-4228.934	1.856*GLFA + 0	0.638*GLFA + 1218.042	1.546*GLFA + -4228.934
			1855.799	5044.586	11226.932									
	Saturday - Daily	$1550.7e^{0.0002*(GLFA)}$	0.000	1894.029	5148.505	1.894	0.000	0.651	1243.134	1.577	-4316.051	1.894*GLFA + 0	0.651*GLFA + 1243.134	1.577*GLFA + -4316.051
			1894.029	5148.505	11458.209									
Person Trips	Wednesday/Thursday - AM Peak	$205.19e^{0.0002*(GLFA)}$	0.000	250.620	681.255	0.251	0.000	0.086	164.493	0.209	-571.104	0.251*GLFA + 0	0.086*GLFA + 164.493	0.209*GLFA + -571.104
			250.620	681.255	1516.160									
	Wednesday/Thursday - PM Peak	$300.72e^{0.0002*(GLFA)}$	0.000	367.300	998.426	0.367	0.000	0.126	241.075	0.306	-836.992	0.367*GLFA + 0	0.126*GLFA + 241.075	0.306*GLFA + -836.992
			367.300	998.426	2222.037									
	Friday - AM Peak	$207.61e^{0.0002*(GLFA)}$	0.000	253.575	689.289	0.254	0.000	0.087	166.433	0.211	-577.839	0.254*GLFA + 0	0.087*GLFA + 166.433	0.211*GLFA + -577.839
			253.575	689.289	1534.042									
	Friday - PM Peak	$313.96e^{0.0002*(GLFA)}$	0.000	383.472	1042.384	0.383	0.000	0.132	251.689	0.319	-873.842	0.383*GLFA + 0	0.132*GLFA + 251.689	0.319*GLFA + -873.842
			383.472	1042.384	2319.868									
	Saturday - Daily Peak	$350.56e^{0.0002*(GLFA)}$	0.000	428.175	1163.900	0.428	0.000	0.147	281.030	0.357	-975.711	0.428*GLFA + 0	0.147*GLFA + 281.03	0.357*GLFA + -975.711
			428.175	1163.900	2590.308									
	Wednesday/Thursday - Daily	$2317.7e^{0.0002*(GLFA)}$	0.000	2830.845	7695.035	2.831	0.000	0.973	1858.007	2.358	-6450.836	2.831*GLFA + 0	0.973*GLFA + 1858.007	2.358*GLFA + -6450.836
			2830.845	7695.035	17125.615									
	Friday - Daily	$2055.1e^{0.0002*(GLFA)}$	0.000	2510.105	6823.172	2.510	0.000	0.863	1647.491	2.091	-5719.943	2.51*GLFA + 0	0.863*GLFA + 1647.491	2.091*GLFA + -5719.943
			2510.105	6823.172	15185.249									
	Saturday - Daily	$2332.5e^{0.0002*(GLFA)}$	0.000	2848.922	7744.173	2.849	0.000	0.979	1869.872	2.373	-6492.028	2.849*GLFA + 0	0.979*GLFA + 1869.872	2.373*GLFA + -6492.028
			2848.922	7744.173	17234.973									

Highest 3 r2 value models







Lowest 3 r2 value models

