TAM Origin-Destination Data Collection

Draft Report

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STUDY PURPOSE

The purpose of the TAM Origin-Destination Data Collection study was to collect origin-destination (OD) data specific to Marin County to provide an updated understanding of Marin County travel patterns and to support the update of the Marin County Model. A primary purpose of the OD data collection is to understand regional travel patterns on our national highway system and in addition, asses local travel behaviors generated from communities and towns within Marin County.

Traditionally, gaining an understanding of regional travel behavior patterns would involve traffic count collection to quantify the number of vehicles crossing the county line. The data would then be supplemented with origin-destination and demographic information obtained from license plate matching and a subsequent mail survey sent to the registration address of observed inter-county vehicles. Fehr & Peers has conducted a number of these studies and has typically received a small sample of user-response data (response rates have ranged in the one to two percent range) based on a single day of observation at a very high cost per sample.

Recognizing the limitations of the traditional approach, this study uses "Big Data" to obtain OD data passively and anonymously from mobile devices. This allows for the quantification of the flow of devices within, to, and from a specific geographic area for all types of trips that occur, including visitors to and trips passing through the area. This data provides trip making information for a very large sample of trips, including the inferred origin and destination of individual trips, in a format nearly identical to that used by travel demand models for a very small cost per sample. This data collection method has other benefits such as not requiring set up time or human transcribing of observed field data and can be collected for any length of time that has occurred in the past. The use of "Big Data" to quantify and determine the origin and destination of inter-county trips has been compared to data collected using traditional methods, resulting in a high level of confidence in this approach.

An additional purpose of this study is to obtain origin-destination data for trips that occur within Marin County. This data has traditionally been very difficult to obtain due to multiple access routes in and out of communities, and high costs of detailed surveying. Quantifying inter-county travel has traditionally been much easier to obtain as there are usually a limited number of routes in and out of a county and inter-county trips are typically a small percentage of total trips generated by a county.

An additional goal of the data collection plan was to obtain the "work" location of commuters who live in Marin County. This data has traditionally been obtained through Journey-to-Work commuting data provided by the United States Census Bureau. While this data is readily available for areas within Marin County, the data represents estimates that are generally more reliable for large geographic areas with

large populations due to the sample size and estimation techniques applied. For this study the goal was to understand commute patterns for commuters who lived in specific areas of Marin County and to determine how and why they may differ. Therefore, cellular data was used to obtain the "work" location of commuters in specified "home" locations, whether that be within the same "home" zone or a specified "work" zone outside their "home" zone or Marin County.

STUDY APPROACH AND METHODOLOGY

The first step of the OD Data Collection study was to obtain existing travel behavior data to understand what data was available for Marin County. To supplement and compliment this data, mobile device data was obtained from AirSage, INRIX, and StreetLight Data, which provided a very large sample of real-world observed OD information. This data was obtained for a zone system based on the regional travel demand model zone system that will be used for the development of the TAM Demand Model (TAMDM). The mobile device OD data was then refined using existing traffic count data and checked for reasonableness against existing United States Census Bureau data, reducing the limitations of the data.

In order to obtain OD data for travel patterns associated with the primary and secondary purposes of this study, three types of mobile device data were obtained.

1. Countywide origin-destination data was obtained to provide the number of trips between each zone in the geographic layer (which covered the entire Bay Area) to every other zone in the geographic layer.
2. Select-link origin-destination data was obtained to provide the number of trips between each zone that traveled through a selected roadway segment.
3. Home/work location data was obtained to determine the "work" location of commuters who live in specified "home" zones.

OD data from the three mobile device data sources was then analyzed and summarized to draw a set of conclusions and key findings regarding travel patterns within, to, from, and through Marin County. A robust, comprehensive dataset, specific to Marin County, is included in this report.

This report is divided into five chapters as described below:

- **Study Purpose** discusses the purpose of this report.
- **Study Approach and Methodology** discusses the organization of this report and provides an overview of the study methodology and mobile device data including advantages and limitations of the data.
- **Existing Travel Behavior Data** provides a summary of existing and historic Marin County travel behavior data that was gathered to refine and check the reasonableness of the mobile device-generated OD data.
- **Mobile Device Data** provides a summary of the three types of origin-destination data provided by StreetLight Data.

- **Conclusions** provides a list of key findings and conclusions drawn from the existing travel behavior and mobile device data collected as part of this study.

Below is an alphabetical list of terms and acronyms with accompanying definitions that will be discussed in this report.

- Mobile device data – a subset of "Big Data" that uses anonymous, archival location data from mobile devices to help planners answer important questions about their communities that were previously difficult, expensive, and time consuming to answer.
- MTC (Metropolitan Transportation Commission) - the transportation planning, financing and coordinating agency for the nine-county San Francisco Bay Area.
- TAZ (Traffic Analysis Zone) - is the unit of geography most commonly used in conventional transportation planning models to account for land use and socio-economic data.
- Travel Model Two – an activity-based travel demand model maintained by the Metropolitan Transportation Commission covering the nine-county San Francisco Bay Area.
- VMT (Vehicle Miles Traveled) - a measurement of miles traveled by vehicles within a specified region for a specified time period.
- Cut-through traffic – traffic that passes through an area or region with stopping on roadways not designated or designed for regional travel.

MOBILE DEVICE DATA SUMMARY

Mobile devices such as cell phones and GPS units (in cars, on phones, and handheld units) frequently communicate with the mobile network, both during use (on a call or sending/receiving text or data) and in idle mode. INRIX, AirSage and StreetLight Data are firms that specialize in mobile device data and are able to collect and analyze this information while the device is in use to record the anonymous location (ensuring user privacy) and movement of mobile devices (and thus the population of mobile users) on the roadway network, both in real-time and over almost any designated time period, based on this mobile signaling data.

In order to infer the travel patterns and trip making characteristics of the mobile devices, such as the origin and destination of individual trips, StreetLight Data purchases from INRIX and AirSage movement and usage patterns in the form of activity data points. StreetLight Data then uses algorithms to create trip distribution tables by first identifying mobile devices which were seen in a single location multiple times over a specified time interval and subsequently seen in a different location multiple times over a specified time interval. All of the sightings for the mobile device in a single location over this specified time interval are then combined to create an "Origin-Destination Point." The "Origin-Destination Points" of each mobile device are then paired to create a table of trips with origin and destination coordinate points as well as the observed time period. StreetLight Data then tags the "origin-destination points" to a pre-determined zone system based on the origin and destination coordinate points.

Fehr & Peers provided StreetLight Data with a zone system that the "origin-destination points" were tagged to. StreetLight Data then provided Fehr & Peers with three types of OD data in a tabular format nearly identical to that used by travel demand models. The three types of OD data were countywide OD data, select-link OD data, and home/work location data.

ZONE SYSTEM

To quantify and capture the origin and destination of trips that occur within Marin County, Fehr & Peers coordinated with TAM and member agencies to develop a zone system for Marin County based on the MTC Travel Model Two's zone system. The model's 202 traffic analysis zones representing Marin County were aggregated to 30 zones to obtain city-level travel patterns within Marin County. The 30-zone geographic layer within Marin County is shown on **Figure 1**.

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Marin County Zone System

Figure 1

To quantify and capture the origin and destination of inter-county trips, an external zone system was developed for the other eight Bay Area counties. Due to their size and proximity to Marin County, Alameda and Contra Costa counties were split along logical geographic barriers, providing two zones for each county. Each of the other six Bay Area counties were represented as singular zones. The ten-zone system outside Marin County is shown on **Figure 2,** and the ten zones are listed below.

1. Sonoma County
2. Napa County
3. Solano County
4. West Contra Costa County
5. East Contra Costa County
6. Northwest Oakland
7. Southeast Oakland
8. Santa Clara County
9. San Mateo County
10. San Francisco County

The initial zone systems for Marin County and the other eight Bay Area counties were then upload to a GIS web server to allow TAM and member agencies to review and comment. The two zone systems were then combined into a singular 40-zone system that was sent to StreetLight Data.

ORIGIN-DESTINATION DATA

Mobile device data is continuously collected by INRIX and AirSage and continuously analyzed and translated to OD data using StreetLight Data's algorithms, allowing data to be obtained for any length of time that has occurred in the past. Fehr & Peers obtained two data periods of OD data that were each tagged to the 40-zone system. OD data was purchased for the entire portion of 2015 when school was in session and for the entire portion of 2015 when school was not in session to ensure a very large representative sample was obtained and to allow for the comparison of "summer" and "non-summer" travel patterns. This also ensured that the data was consistent with the updated Marin County Model outputs as travel demand models are typically developed to forecast an average day when school is in session from a specified year.

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Zone System Outside Marin County

Figure 2

StreetLight Data tagged the "origin-destination points" of GPS-enabled devices to the 40-zone system and provided OD data in tabular format for the two data periods. The table of trips provided by StreetLight Data was derived from approximately 75 million indexed "origin-destination points." The tabular OD data was stratified by day of week, time of day, and vehicle type (personal automobile and commercial vehicle).

Dataset: 75 million indexed "origin-destination points"

The resulting OD trip tables provide the number of trips for each zone to zone origin-destination pair for all types of trips that occur within Marin County. Each trip table provides 1,600 (40 zones by 40 zones) possible origin-destination pairs. The data is provided in a format nearly identical to that produced by a travel demand model which allows for comparison and integration with the updated Marin County Model. Trips were stratified as described below.

- Day Type – average day, average weekday (Monday to Thursday), average weekend day (Saturday to Sunday)
- Day Part - Early AM, AM Peak Period (6 AM to 10 AM), Mid-Day, PM peak period (3 PM to 7 PM), Late-Night, and Daily
- Vehicle type - personal automobile (including automobile trips to park-and-ride lots or kiss-and-ride but not the transit portion of the trip – see the "Limitations of Mobile Device Data" section below for more information) and commercial vehicles

ADVANTAGES OF MOBILE DEVICE DATA

Below is a bulleted discussion of the advantages of mobile device data over traditional data collection methods.

- Mobile device data is continuously collected and can be obtained for any length of time that has occurred in the past. This allows for the analysis of historical trends and seasonal or daily/weekly/monthly variation. Data collection does not require set up time or human transcribing of observed field data. Traditional methods of data collection typically rely on a single day or short period of data collection.

- Mobile device data vendors such as StreetLight Data continuously process data and provide a web application for fast and easy customization, analysis, and downloading of the data query.
- Mobile device data provides the actual origin and destination of inferred trips, rather than the location where the vehicle was observed as with traffic counts and Bluetooth or license plate capture technology.
- Mobile device data is passively collected, eliminating potential user input and transcription error.
- Mobile device data provides empirical origin-destination data, which can be cheaper, easier, and faster to obtain than similar data derived from more traditional methods such as surveys and travel demand models. In the case of travel demand models, we have found that the data collection methodology is more easily understood by the public.
- Since data is continuously collected and can be obtained for any length of time, extremely large sample sizes can be obtained for a relatively low cost per sample. Traditional methods such as surveys typically rely on a single day of data gathering and have very low response rates (typically experiences show a one to two percent response rates).
- Mobile device data is provided in a trip table format which is more suitable for comparison and integration with travel demand models.
- Origin-destination trip tables can be queried, aggregated and disaggregated to match desired level of analysis.
- GPS-based mobile device data provides a level of spatial resolution suitable for understanding users of specific roadway segments.

LIMITATIONS OF MOBILE DEVICE DATA

Below is a bulleted discussion of the limitations of mobile device data.

- Due to privacy concerns, the indexed trip values in the OD trip tables provided by StreetLight Data describe above represent "relative" rather than "absolute" trips. In other words, the tables do not provide the total number of trips that occur on a daily basis but provide the relative relationship of trips from each zone to every other zone in the geographic layer. Therefore, the mobile device data OD trip tables were used as a starting point due to their large sample size and high level of confidence in the GPS origin-destination data and refined using traffic count data to factor the relative trip data to represent a single day of absolute data.
- Analysis of mobile device data and determination of origin-destination points relies on computer algorithms to determine where a trip starts and ends rather than direct user input. Current algorithm parameters define the end of a trip and determine a trip's destination if the mobile device travels no more than five meters for a five minute period of time.

- Unable to directly measure information regarding trip purpose, trip frequency, characteristics of travel or demographics. However, much of this information can be inferred or supplemented with information from other sources once the origin zone is known.
- GPS-based mobile device data has a potential bias towards higher income persons as they have a higher likelihood of owning a vehicle with embedded GPS, a smartphone, or handheld GPS device.
- Cellular-based mobile device data has a minimal potential bias towards higher income persons as a majority of the population now owns a cellular device. However, locational information is derived from cellular devices based on cellular tower triangulation, greatly reducing the spatial resolution and accuracy of cellular location data.
- Mobile device data typically represent persons in auto as the algorithms remove walk and bike trips based on travel speed and distance. The transit portion of trip tours are also removed as the algorithms are not yet sophisticated enough to interpret the trip complexity of transit trips. For instance, a typical transit trip may consist of a drive trip to a transit station (the only portion of the trip tour accounted for in the personal automobile data), wait time for a train, stops at stations along the way, and a walk trip to the destination. Auto trips are usually much less complex as people generally drive directly from their origin to their destination.
- In addition to lack of modal capture as described above, mobile device data capturing persons in auto can also lead to oversampling of areas or facilities where high-occupancy vehicles or bus trips are more common. Visitor and recreational trips may also be oversampled as they tend to have higher auto occupancies.

EXISTING TRAVEL BEHAVIOR DATA

In order to refine and check the reasonableness of the mobile device-generated OD data, existing and historic Marin County travel behavior data was gathered and is included below. Existing data sources such as traffic counts, 2000 and 2010 Census, American Community Survey (ACS), and Journey-to-Work data were reviewed.

TRAFFIC COUNTS

Traffic count data was obtained for 11 locations within Marin County and was used to factor the sample of mobile device OD data to represent absolute trip data. Traffic counts were gather by a generic "peak" period time period in order to be used as a control total to refine OD data collected from mobile devices. The traffic count data is summarized in **Table 1**.

As shown in **Table 1**, the highest volume of traffic was observed on US 101 in Downtown San Rafael where there are five lanes of travel in each direction, and there is on average 11 percent more traffic in the afternoon peak period than the morning peak period. Additionally, the data indicates that Marin County imports workers, with 9,000 more vehicles or 27 percent more traffic coming into Marin County in the morning peak period and 3,000 more vehicles or eight percent more traffic leaving Marin County in the afternoon peak period.

Traffic counts are limited in determining the origin, destination, or purpose of the vehicle trip or any other trip making or demographic information. Additionally, this data takes into account but is unable to quantify pass through traffic.

TABLE 1 TRAFFIC COUNT DATA

Traffic Count Location	AM Peak Period (6 AM to 10 AM)		PM Peak Period (3 PM to 7 PM)	
	Northbound /Eastbound	Southbound/ Westbound	Northbound /Eastbound	Southbound/ Westbound
1 - US 101 at the Sonoma/Marin County Line[1]	5,000	11,000	10,000	8,000
2 - US 101 North of San Rafael	13,000	25,000	26,000	21,000
3 - US 101 in Downtown San Rafael	19,000	28,000	30,000	25,000
4 - US 101 at Sir Francis Drake Boulevard	13,000	10,000	21,000	20,000
5 - US 101 over Richardson Bay	9,000	22,000	16,000	16,000
6 - US 101 at the Golden Gate Bridge[1]	10,000	20,000	19,000	13,000
7 - SR 37 at the Sonoma/Marin County Line[1]	3,000	7,000	6,000	4,000
8 - I-580 at the Contra Costa/Marin County Line[1]	5,000	14,000	14,000	9,000
9 - Sir Francis Drake Blvd West of US 101	5,000	4,000	7,000	7,000
10 - Sir Francis Drake Blvd East of US 101	6,000	6,000	5,000	7,000
11 - Highway 1 West of US 101	5,000	3,000	4,000	5,000
Sum of Traffic at Four Marin County Gateways	23,000	52,000	49,000	34,000
Total Traffic	75,000		83,000	
Traffic into Marin County	42,000		40,000	
Traffic out of Marin County	33,000		43,000	

[1]Marin County Gateway

CENSUS DATA

Census data is the most readily available form of travel behavior data as it is provided online by the United States Census Bureau, primarily providing demographic and trip making information for various geographies rather than OD data. Journey-to-Work data provides an estimate of the place of work for areas of residence across the country. It is important to note that the information provided is self-reported and limited in nature and does not represent true origin or destination trip information, but rather home and corresponding work locations which greatly influence the origin and destination of individual trips made by residences.

Journey-to-Work data was obtained for Marin County as the place of residence or "Home County," as shown in **Table 2**, and for Marin County as the place of work or "Work County," as shown in **Table 3**.

TABLE 2 CENSUS DATA – WHERE DO MARIN COUNTY RESIDENTS WORK?

Home County	Work County	Commuters	Percent of Commuters
Marin County 121,269 Workers live in Marin County 40,749 (34%) Workers travel outside Marin County for Work	Marin County	79,676	66%
	San Francisco County	25,237	21%
	Sonoma County	4,302	4%
	Alameda County	4,165	3%
	Contra Costa County	2,183	2%
	San Mateo County	2,161	2%
	Santa Clara County	986	1%
	Solano County	682	1%
	Napa County	508	0%
	Los Angeles County	155	0%

TABLE 3 CENSUS DATA – WHERE DO MARIN COUNTY WORKERS LIVE?

Home County	Work County	Commuters	Percent of Commuters
Marin County	Marin County 124,550 Workers work in Marin County 44,062 (35%) Workers travel into Marin County for Work	79,676	64%
Sonoma County		16,745	13%
Contra Costa County		7,966	6%
San Francisco County		6,883	6%
Solano County		4,304	3%
Alameda County		4,110	3%
Napa County		1,120	1%
San Mateo County		923	1%
Santa Clara County		508	0%
Sacramento County		485	0%

As shown in **Table 2**, there are approximately 120,000 workers who live in Marin County with approximately 34 percent travelling outside of Marin County for work.

As shown in **Table 3**, there are approximately 125,000 workers who work in Marin County with approximately 35 percent living outside of Marin County.

Journey-to-Work data only provides information for work trips which are only a portion (roughly 20 percent) of trips made during the peak periods, and does not include the origin and destination of trips within the county, the average trip length, or routing information.

MOBILE DEVICE DATA

As described above, StreetLight Data provided Fehr & Peers with three types of mobile device data in a tabular format nearly identical to that used by travel demand models. The mobile device data OD trip tables, which represent a relative measure of travel from each zone to every other zone in the zone system, were used as a starting point due to their large sample size and high level of confidence in the origin and destination of inferred trips. The data was then refined using traffic count data to factor the relative trip data to represent a single day of absolute data.

REFINED ORIGIN-DESTINATION TRIP TABLES

The refined OD trip tables for the select-link and countywide OD data are provided in tabular format in **Appendix A** and are summarized in subsequent sections below.

SELECT-LINK ORIGIN-DESTINATION TRIP TABLES

"Select-link" origin-destination trip tables provide the index of trips between each zone that travel through a selected roadway segment. Each trip table provides 1,600 (40 zones by 40 zones) possible zone pairs but a separate trip table is provided for each "select-link" location, effectively providing three points of travel for each origin-destination zone pair (the origin location, the roadway location the trip traveled through, and the destination location). As discussed above, traffic counts collected at "select-link" locations were used to factor "relative" trips to "absolute" trips. The select-link origin-destination data is based on the same GPS-enabled devices as the countywide origin-destination data, allowing the two datasets to be integrated.

A "select-link" roadway segment system was developed, selecting key county gateway or roadway segments within the county. A total of 11 non-directional "select-link" locations were selected, with Fehr & Peers developing an initial "select-link" roadway segment system that was uploaded to a GIS web server to allow TAM and its member agencies to comment.

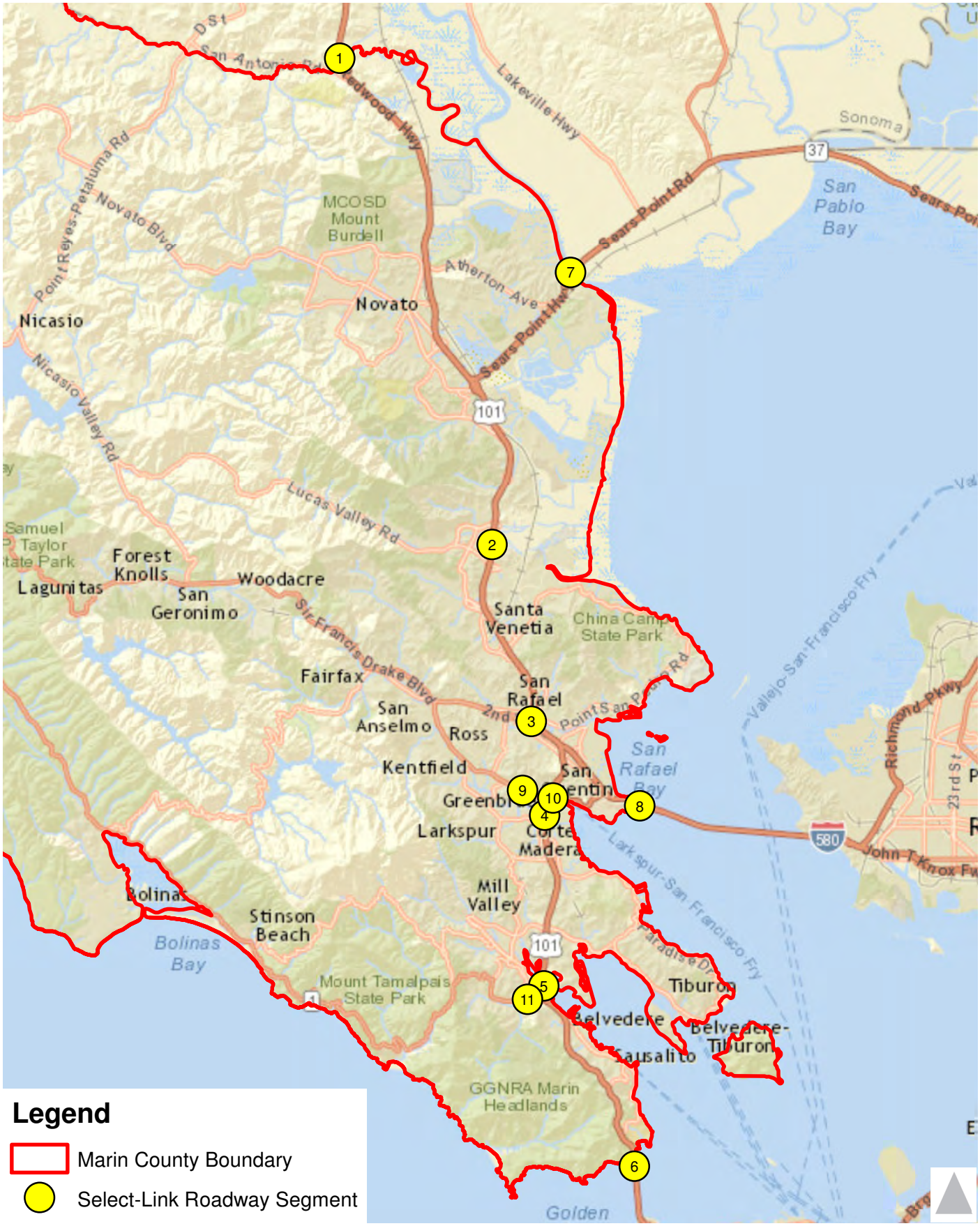
The 11 non-directional "select-link" locations are listed below and shown on **Figure 3**. To maximize accuracy roadway segments with limited or no parallel facilities or adjacent land use were selected in order to more easily isolate trips on the roadway segment. Locations where traffic counts were available were prioritized to ensure traffic count data was available to factor the relative trip data.

1. US 101 at the Sonoma/Marin County Line
2. US 101 North of San Rafael
3. US 101 in Downtown San Rafael
4. US 101 at Sir Francis Drake Boulevard
5. US 101 over Richardson Bay
6. US 101 at the Golden Gate Bridge
7. SR 37 at the Sonoma/Marin County Line
8. I-580 at the Contra Costa/Marin County Line (Richmond-San Rafael Bridge)
9. Sir Frances Drake Blvd West of US 101
10. Sir Frances Drake Blvd East of US 101
11. Highway 1 West of US 101

Select-Link Trip Type Summary

Table 4 provides a relative summary of the types of trips that occur at each of the 11 select-link locations during the AM Peak Period (6 AM to 10 AM). The trip type classifications are described below.

- Total Trips – the total number of vehicles counted at each traffic count location that the mobile device OD trip data was factored to.
- Trips Passing Through Marin County –trips starting outside Marin County that travel through the county and end in another county.
- Trips Into Marin County – trips starting outside Marin County with a destination in Marin County.
- Trips Out of Marin County – trips starting within Marin County with a destination outside Marin County.
- Intra-Marin County Trips – trips starting within Marin County with a destination within Marin County.



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Select-Link Roadway Segment Locations

Figure 3

TABLE 4 SELECT-LINK O-D DATA – AM PEAK PERIOD TRIPS BY TRIP TYPE PERCENTAGE

Traffic Count Location	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
1 - US 101 at the Sonoma/Marin County Line[1]	16,000	40%	41%	19%	0%
2 - US 101 North of San Rafael	38,000	25%	20%	20%	35%
3 - US 101 in Downtown San Rafael	47,000	21%	17%	20%	43%
4 - US 101 at Sir Francis Drake Boulevard	23,000	26%	19%	26%	30%
5 - US 101 over Richardson Bay	31,000	19%	14%	48%	18%
6 - US 101 at the Golden Gate Bridge[1]	30,000	21%	26%	53%	0%
7 - SR 37 at the Sonoma/Marin County Line[1]	10,000	40%	41%	19%	0%
8 - I-580 at the Contra Costa/Marin County Line[1]	19,000	16%	62%	22%	0%
9 - Sir Francis Drake Blvd West of US 101	9,000	0%	7%	26%	67%
10 - Sir Francis Drake Blvd East of US 101	12,000	5%	12%	28%	55%
11 - Highway 1 West of US 101	8,000	0%	5%	54%	40%

[1]Marin County Gateway

As shown in **Table 4**, the highest percentage of trips passing through Marin County (40%) occurs at the two Sonoma/Marin county line locations, the highest percentage of inter-county trips (84%) occurs on I-580 at the Contra Costa/Marin County Line , and the two highest percentage of intra-Marin County trips (55% and 67%) occur on Sir Francis Drake Boulevard.

Through a comparison of "trips into Marin County" and "trips out of Marin County," **Table 4** also indicates that in the morning peak period Marin County imports trips from Sonoma and other North Bay counties on US 101 and SR 37, exports trips to San Francisco County on US 101, and imports trips from the East Bay on I-580.

Table 5 provides an absolute summary of the types of trips that occur at each of the 11 select-link locations during the AM Peak Period (6 AM to 10 AM).

TABLE 5 SELECT-LINK O-D DATA – AM PEAK PERIOD TRIPS BY TRIP TYPE

Traffic Count Location	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
1 - US 101 at the Sonoma/Marin County Line[1]	16,000	6,405	6,498	3,097	0
2 - US 101 North of San Rafael	38,000	9,548	7,663	7,516	13,273
3 - US 101 in Downtown San Rafael	47,000	9,642	8,001	9,315	20,042
4 - US 101 at Sir Francis Drake Boulevard	23,000	6,005	4,287	5,921	6,787
5 - US 101 over Richardson Bay	31,000	5,946	4,306	15,034	5,714
6 - US 101 at the Golden Gate Bridge[1]	30,000	6,241	7,894	15,865	0
7 - SR 37 at the Sonoma/Marin County Line[1]	10,000	3,959	4,149	1,893	0
8 - I-580 at the Contra Costa/Marin County Line[1]	19,000	3,015	11,750	4,235	0
9 - Sir Francis Drake Blvd West of US 101	9,000	15	595	2,375	6,015
10 - Sir Francis Drake Blvd East of US 101	12,000	592	1,443	3,323	6,642
11 - Highway 1 West of US 101	8,000	38	416	4,321	3,225

[1]Marin County Gateway

As shown in **Table 5**, the highest number of trips passing through Marin County (9,642) occurs on US 101 in Downtown San Rafael, the highest number of inter-county trips (23,759) occurs on US 101 at the Golden Gate Bridge, and the highest number of intra-Marin County trips (20,042) occurs on US 101 in Downtown San Rafael.

Through a comparison of "trips into Marin County" and "trips out of Marin County," **Table 5** also indicates that in the morning peak period Marin County imports 10,647 trips (and exports 4,990 trips) from Sonoma and other North Bay counties on US 101 and SR 37, exports 15,865 trips (and imports 7,894 trips) to San Francisco County on US 101, and imports 11,750 trips (and exports 4,235 trips) from the East Bay on I-580.

Table 6 provides a relative summary of the types of trips that occur at each of the 11 select-link locations during the PM Peak Period (3 PM to 7 PM).

TABLE 6 SELECT-LINK O-D DATA – PM PEAK PERIOD TRIPS BY TRIP TYPE PERCENTAGE

Traffic Count Location	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
1 - US 101 at the Sonoma/Marin County Line[1]	18,000	37%	28%	36%	0%
2 - US 101 North of San Rafael	47,000	21%	18%	19%	42%
3 - US 101 in Downtown San Rafael	55,000	18%	19%	17%	46%
4 - US 101 at Sir Francis Drake Boulevard	41,000	17%	22%	14%	46%
5 - US 101 over Richardson Bay	32,000	19%	26%	24%	31%
6 - US 101 at the Golden Gate Bridge[1]	32,000	20%	49%	31%	0%
7 - SR 37 at the Sonoma/Marin County Line[1]	10,000	34%	24%	42%	0%
8 - I-580 at the Contra Costa/Marin County Line[1]	23,000	16%	33%	51%	0%
9 - Sir Francis Drake Blvd West of US 101	14,000	0%	18%	8%	74%
10 - Sir Francis Drake Blvd East of US 101	12,000	4%	23%	12%	60%
11 - Highway 1 West of US 101	9,000	0%	40%	10%	49%

[1]Marin County Gateway

As shown in **Table 6**, the two highest percentages of trips passing through Marin County (34% and 37%) occur at the two Sonoma/Marin county line locations, the highest percentage of inter-county trips (84%) occurs on I-580 at the Contra Costa/Marin County Line, and the two highest percentage of intra-Marin County trips (60% and 74%) occur on Sir Francis Drake Boulevard.

Through a comparison of "trips into Marin County" and "trips out of Marin County," **Table 6** also indicates a reversal of travel patterns shown in **Table 4** for the morning peak period, suggesting a majority of imported and exported trips are commuters.

Table 7 provides an absolute summary of the types of trips that occur at each of the 11 select-link locations during the PM Peak Period (3 PM to 7 PM).

TABLE 7 SELECT-LINK O-D DATA – PM PEAK PERIOD TRIPS BY TRIP TYPE

Traffic Count Location	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
1 - US 101 at the Sonoma/Marin County Line[1]	18,000	6,613	4,983	6,404	0
2 - US 101 North of San Rafael	47,000	9,962	8,386	8,714	19,938
3 - US 101 in Downtown San Rafael	55,000	9,905	10,557	9,372	25,165
4 - US 101 at Sir Francis Drake Boulevard	41,000	7,055	9,142	5,760	19,043
5 - US 101 over Richardson Bay	32,000	6,148	8,242	7,665	9,946
6 - US 101 at the Golden Gate Bridge[1]	32,000	6,343	15,715	9,941	0
7 - SR 37 at the Sonoma/Marin County Line[1]	10,000	3,350	2,435	4,215	0
8 - I-580 at the Contra Costa/Marin County Line[1]	23,000	3,660	7,621	11,719	0
9 - Sir Francis Drake Blvd West of US 101	14,000	10	2,546	1,072	10,372
10 - Sir Francis Drake Blvd East of US 101	12,000	512	2,819	1,466	7,203
11 - Highway 1 West of US 101	9,000	31	3,639	944	4,385

[1]Marin County Gateway

As shown in **Table 7**, the highest number of trips passing through Marin County (9,962) occurs on US 101 in North of San Rafael, the highest number of inter-county trips (25,657) occurs on US 101 at the Golden Gate Bridge, and the highest number of intra-Marin County trips (25,165) occurs on US 101 in Downtown San Rafael.

Through a comparison of "trips into Marin County" and "trips out of Marin County," **Table 7** also indicates a reversal of travel patterns shown in **Table 5** for the morning peak period, suggesting a majority of imported and exported trips are commuters. A summary of the comparison of morning and afternoon imported and exported trips is provided below.

<u>Sonoma and other North Bay Counties</u>

- 10,647 trips imported in the morning, 10,620 trips exported in the afternoon

San Francisco County

- 15,865 trips exported in the morning, 15,715 trips imported in the afternoon

East Bay

- 11,750 trips imported in the morning, 11,719 trips exported in the afternoon

Select-Link Inter-County Trip Summary

Table 8 provides a relative summary of inter-county trips that travel between Marin County and Sonoma and San Francisco counties at each of the 11 select-link locations during the AM Peak Period (6 AM to 10 AM).

TABLE 8 SELECT-LINK O-D DATA – AM PEAK PERIOD INTER-COUNTY TRIPS PERCENTAGE

Traffic Count Location	Sonoma County Trips Passing Through Marin County	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Trips Passing Through Marin County	San Francisco County to Marin County	Marin County to San Francisco County
1 - US 101 at the Sonoma/Marin County Line[1]	28%	41%	19%	6%	0%	0%
2 - US 101 North of San Rafael	15%	10%	6%	4%	4%	8%
3 - US 101 in Downtown San Rafael	12%	4%	3%	4%	6%	9%
4 - US 101 at Sir Francis Drake Boulevard	16%	1%	3%	7%	15%	19%
5 - US 101 over Richardson Bay	12%	0%	0%	5%	12%	39%
6 - US 101 at the Golden Gate Bridge[1]	12%	0%	0%	6%	23%	43%
7 - SR 37 at the Sonoma/Marin County Line[1]	18%	20%	7%	8%	0%	0%
8 - I-580 at the Contra Costa/Marin County Line[1]	3%	0%	0%	1%	1%	0%
9 - Sir Francis Drake Blvd West of US 101	0%	2%	1%	0%	3%	19%
10 - Sir Francis Drake Blvd East of US 101	0%	1%	0%	2%	3%	2%
11 - Highway 1 West of US 101	0%	0%	0%	0%	4%	47%

[1]Marin County Gateway

As shown in **Table 8**, the percentage of inter-county trips between Marin County and Sonoma County generally increases on US 101 as you get closer to Sonoma County while the percentage of inter-county trips between Marin County and San Francisco County generally increases on US 101 as you get closer to San Francisco County.

Table 9 provides an absolute summary of inter-county trips that travel between Marin County and Sonoma and San Francisco counties at each of the 11 select-link locations during the AM Peak Period (6 AM to 10 AM).

TABLE 9 SELECT-LINK O-D DATA – AM PEAK PERIOD INTER-COUNTY TRIPS

Traffic Count Location	Sonoma County Trips Passing Through Marin County	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Trips Passing Through Marin County	San Francisco County to Marin County	Marin County to San Francisco County
1 - US 101 at the Sonoma/Marin County Line[1]	4,486	6,489	3,080	905	0	0
2 - US 101 North of San Rafael	5,848	3,885	2,177	1,624	1,496	2,958
3 - US 101 in Downtown San Rafael	5,558	2,083	1,493	1,721	2,746	4,018
4 - US 101 at Sir Francis Drake Boulevard	3,610	198	734	1,657	3,427	4,373
5 - US 101 over Richardson Bay	3,865	67	136	1,448	3,681	12,154
6 - US 101 at the Golden Gate Bridge[1]	3,740	0	0	1,792	6,959	13,048
7 - SR 37 at the Sonoma/Marin County Line[1]	1,785	2,028	748	769	0	0
8 - I-580 at the Contra Costa/Marin County Line[1]	514	7	0	267	214	32
9 - Sir Francis Drake Blvd West of US 101	2	177	58	13	255	1,719
10 - Sir Francis Drake Blvd East of US 101	9	67	53	278	410	262
11 - Highway 1 West of US 101	1	6	34	35	326	3,739

[1]Marin County Gateway

As shown in **Table 9**, the number of inter-county trips between Marin County and Sonoma County generally increases on US 101 as you get closer to Sonoma County while the number of inter-county trips between Marin County and San Francisco County generally increases on US 101 as you get closer to San Francisco County.

Table 10 provides a relative summary of inter-county trips that travel between Marin County and Sonoma and San Francisco counties at each of the 11 select-link locations during the PM Peak Period (3 PM to 7 PM).

TABLE 10 SELECT-LINK O-D DATA – PM PEAK PERIOD INTER-COUNTY TRIPS PERCENTAGE

Traffic Count Location	Sonoma County Trips Passing Through Marin County	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Trips Passing Through Marin County	San Francisco County to Marin County	Marin County to San Francisco County
1 - US 101 at the Sonoma/Marin County Line[1]	17%	27%	35%	11%	0%	0%
2 - US 101 North of San Rafael	8%	7%	9%	7%	5%	4%
3 - US 101 in Downtown San Rafael	7%	4%	5%	6%	9%	5%
4 - US 101 at Sir Francis Drake Boulevard	6%	3%	2%	8%	15%	9%
5 - US 101 over Richardson Bay	8%	1%	0%	9%	21%	21%
6 - US 101 at the Golden Gate Bridge[1]	7%	0%	0%	9%	42%	27%
7 - SR 37 at the Sonoma/Marin County Line[1]	8%	11%	29%	12%	0%	0%
8 - I-580 at the Contra Costa/Marin County Line[1]	7%	0%	0%	3%	1%	0%
9 - Sir Francis Drake Blvd West of US 101	0%	1%	1%	0%	13%	5%
10 - Sir Francis Drake Blvd East of US 101	0%	0%	1%	2%	2%	3%
11 - Highway 1 West of US 101	0%	0%	0%	0%	35%	8%

[1]Marin County Gateway

As shown in **Table 10**, the percentage of inter-county trips between Marin County and Sonoma County generally increases on US 101 as you get closer to Sonoma County while the percentage of inter-county trips between Marin County and San Francisco County generally increases on US 101 as you get closer to San Francisco County.

Table 11 provides an absolute summary of inter-county trips that travel between Marin County and Sonoma and San Francisco counties at each of the 11 select-link locations during the PM Peak Period (3 PM to 7 PM).

TABLE 11 SELECT-LINK O-D DATA – PM PEAK PERIOD INTER-COUNTY TRIPS

Traffic Count Location	Sonoma County Trips Passing Through Marin County	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Trips Passing Through Marin County	San Francisco County to Marin County	Marin County to San Francisco County
1 - US 101 at the Sonoma/Marin County Line[1]	2,980	4,945	6,362	1,984	0	0
2 - US 101 North of San Rafael	3,785	3,393	4,458	3,159	2,568	1,721
3 - US 101 in Downtown San Rafael	3,577	2,158	2,574	3,202	5,224	2,995
4 - US 101 at Sir Francis Drake Boulevard	2,574	1,260	891	3,085	6,337	3,863
5 - US 101 over Richardson Bay	2,438	232	104	2,890	6,682	6,601
6 - US 101 at the Golden Gate Bridge[1]	2,372	0	0	3,033	13,553	8,680
7 - SR 37 at the Sonoma/Marin County Line[1]	833	1,102	2,852	1,162	0	0
8 - I-580 at the Contra Costa/Marin County Line[1]	1,646	2	0	623	117	85
9 - Sir Francis Drake Blvd West of US 101	1	85	149	7	1,870	648
10 - Sir Francis Drake Blvd East of US 101	8	37	85	213	258	305
11 - Highway 1 West of US 101	1	29	14	10	3,177	748

[1]Marin County Gateway

As shown in **Table 11**, the number of inter-county trips between Marin County and Sonoma County generally increases on US 101 as you get closer to Sonoma County while the number of inter-county trips between Marin County and San Francisco County generally increases on US 101 as you get closer to San Francisco County.

Select-Link Origin and Destination Trip Summary

Table 12 through **Table 19** provide the number and percentage of trips with an origin and destination in each county for the four Marin County gateway select-link locations during the AM Peak Period (6 AM to 10 AM) and PM Peak Period (3 PM to 7 PM). Below is a bulleted summary of the highest percentage origins and destination for each of the four Marin County gateway select-link locations.

US 101 at the Sonoma/Marin County Line

- In the northbound direction during the AM peak period, an estimated 62 percent of trips originate in Marin County and 99 percent of trips conclude in Sonoma County.
- In the southbound direction during the AM peak period, an estimated 100 percent of trips originate in Sonoma County and 59 percent of trips conclude in Marin County.
- In the northbound direction during the PM peak period, an estimated 64 percent of trips originate in Marin County and 99 percent of trips conclude in Sonoma County.
- In the southbound direction during the PM peak period, an estimated 99 percent of trips originate in Sonoma County and 62 percent of trips conclude in Marin County.

US 101 at the Golden Gate Bridge

- In the northbound direction during the AM peak period, an estimated 88 percent of trips originate in San Francisco County and 79 percent of trips conclude in Marin County.
- In the southbound direction during the AM peak period, an estimated 79 percent of trips originate in Marin County and 84 percent of trips conclude in San Francisco County.
- In the northbound direction during the PM peak period, an estimated 87 percent of trips originate in San Francisco County and 83 percent of trips conclude in Marin County.
- In the southbound direction during the PM peak period, an estimated 76 percent of trips originate in Marin County and 88 percent of trips conclude in San Francisco County.

SR 37 at the Sonoma/Marin County Line

- In the northbound direction during the AM peak period, an estimated 63 percent of trips originate in Marin County and 44 percent of trips conclude in Sonoma County.
- In the southbound direction during the AM peak period, an estimated 54 percent of trips originate in Sonoma County and 59 percent of trips conclude in Marin County.
- In the northbound direction during the AM peak period, an estimated 70 percent of trips originate in Marin County and 69 percent of trips conclude in Sonoma County.
- In the southbound direction during the AM peak period, an estimated 48 percent of trips originate in Sonoma County and 61 percent of trips conclude in Marin County.

I-580 at the Contra Costa/Marin County Line (Richmond/San Rafael Bridge)

- In the northbound direction during the AM peak period, an estimated 36 percent of trips originate in North Alameda County and 84 percent of trips conclude in Marin County.
- In the southbound direction during the AM peak period, an estimated 85 percent of trips originate in Marin County and 56 percent of trips conclude in North Alameda County.
- In the northbound direction during the AM peak period, an estimated 54 percent of trips originate in North Alameda County and 85 percent of trips conclude in Marin County.
- In the southbound direction during the AM peak period, an estimated 84 percent of trips originate in Marin County and 42 percent of trips conclude in North Alameda County.

TABLE 12 SELECT-LINK O-D DATA – AM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS - US 101 AT THE SONOMA/MARIN COUNTY LINE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Northbound		
0	0%	Sonoma	4,967	99%
2	0%	Napa	32	1%
31	1%	Solano	1	0%
121	2%	West Contra Costa	0	0%
140	3%	East Contra Costa	0	0%
341	7%	North Alameda	0	0%
905	18%	San Francisco	0	0%
205	4%	San Mateo	0	0%
56	1%	South Alameda	0	0%
102	2%	Santa Clara	0	0%
3,097	62%	Marin	0	0%
		Southbound		
10,975	100%	Sonoma	0	0%
23	0%	Napa	0	0%
3	0%	Solano	18	0%
0	0%	West Contra Costa	225	2%
0	0%	East Contra Costa	18	0%
0	0%	North Alameda	704	6%
0	0%	San Francisco	2,485	23%
0	0%	San Mateo	756	7%
0	0%	South Alameda	135	1%
0	0%	Santa Clara	161	1%
0	0%	Marin	6,498	59%

TABLE 13 SELECT-LINK O-D DATA – AM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS - US 101 AT THE GOLDEN GATE BRIDGE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Northbound		
0	0%	Sonoma	1,443	14%
1	0%	Napa	321	3%
0	0%	Solano	58	1%
1	0%	West Contra Costa	264	3%
5	0%	East Contra Costa	3	0%
11	0%	North Alameda	16	0%
8,751	88%	San Francisco	0	0%
1,028	10%	San Mateo	0	0%
6	0%	South Alameda	0	0%
197	2%	Santa Clara	0	0%
0	0%	Marin	7,894	79%
		Southbound		
3,740	19%	Sonoma	0	0%
202	1%	Napa	0	0%
61	0%	Solano	0	0%
96	0%	West Contra Costa	2	0%
7	0%	East Contra Costa	4	0%
30	0%	North Alameda	34	0%
0	0%	San Francisco	16,806	84%
0	0%	San Mateo	2,417	12%
0	0%	South Alameda	11	0%
0	0%	Santa Clara	726	4%
15,865	79%	Marin	0	0%

TABLE 14 SELECT-LINK O-D DATA – AM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS – SR 37 AT THE SONOMA/MARIN COUNTY LINE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Eastbound		
0	0%	Sonoma	1,321	44%
4	0%	Napa	951	32%
53	2%	Solano	728	24%
7	0%	West Contra Costa	0	0%
122	4%	East Contra Costa	0	0%
30	1%	North Alameda	0	0%
769	26%	San Francisco	0	0%
83	3%	San Mateo	0	0%
5	0%	South Alameda	0	0%
34	1%	Santa Clara	0	0%
1,893	63%	Marin	0	0%
		Westbound		
3,814	54%	Sonoma	0	0%
1,956	28%	Napa	0	0%
1,231	18%	Solano	21	0%
0	0%	West Contra Costa	53	1%
0	0%	East Contra Costa	24	0%
0	0%	North Alameda	394	6%
0	0%	San Francisco	1,804	26%
0	0%	San Mateo	454	6%
0	0%	South Alameda	23	0%
0	0%	Santa Clara	79	1%
0	0%	Marin	4,149	59%

TABLE 15 SELECT-LINK O-D DATA – AM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS – I-580 AT THE CONTRA COSTA/MARIN COUNTY LINE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Westbound		
7	0%	Sonoma	1,612	12%
3	0%	Napa	3	0%
336	2%	Solano	8	0%
4,846	35%	West Contra Costa	0	0%
2,418	17%	East Contra Costa	0	0%
4,971	36%	North Alameda	0	0%
278	2%	San Francisco	627	4%
58	0%	San Mateo	0	0%
790	6%	South Alameda	0	0%
293	2%	Santa Clara	0	0%
0	0%	Marin	11,750	84%
		Eastbound		
514	10%	Sonoma	0	0%
6	0%	Napa	1	0%
43	1%	Solano	25	1%
0	0%	West Contra Costa	861	17%
0	0%	East Contra Costa	758	15%
0	0%	North Alameda	2,780	56%
203	4%	San Francisco	79	2%
0	0%	San Mateo	15	0%
0	0%	South Alameda	403	8%
0	0%	Santa Clara	78	2%
4,235	85%	Marin	0	0%

TABLE 16 SELECT-LINK O-D DATA – PM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS - US 101 AT THE SONOMA/MARIN COUNTY LINE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Northbound		
0	0%	Sonoma	9,927	99%
1	0%	Napa	72	1%
9	0%	Solano	1	0%
259	3%	West Contra Costa	0	0%
18	0%	East Contra Costa	0	0%
561	6%	North Alameda	0	0%
1,984	20%	San Francisco	0	0%
478	5%	San Mateo	0	0%
108	1%	South Alameda	0	0%
179	2%	Santa Clara	0	0%
6,404	64%	Marin	0	0%
		Southbound		
7,926	99%	Sonoma	0	0%
73	1%	Napa	1	0%
2	0%	Solano	19	0%
0	0%	West Contra Costa	147	2%
0	0%	East Contra Costa	69	1%
0	0%	North Alameda	560	7%
0	0%	San Francisco	1,528	19%
0	0%	San Mateo	308	4%
0	0%	South Alameda	124	2%
0	0%	Santa Clara	261	3%
0	0%	Marin	4,983	62%

TABLE 17 SELECT-LINK O-D DATA – PM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS - US 101 AT THE GOLDEN GATE BRIDGE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Northbound		
0	0%	Sonoma	2,950	16%
2	0%	Napa	144	1%
0	0%	Solano	49	0%
4	0%	West Contra Costa	105	1%
9	0%	East Contra Costa	9	0%
31	0%	North Alameda	27	0%
16,587	87%	San Francisco	0	0%
1,843	10%	San Mateo	0	0%
12	0%	South Alameda	0	0%
512	3%	Santa Clara	0	0%
0	0%	Marin	15,715	83%
		Southbound		
2,372	18%	Sonoma	0	0%
350	3%	Napa	0	0%
107	1%	Solano	0	0%
195	1%	West Contra Costa	0	0%
7	0%	East Contra Costa	8	0%
28	0%	North Alameda	39	0%
0	0%	San Francisco	11,405	88%
0	0%	San Mateo	1,192	9%
0	0%	South Alameda	21	0%
0	0%	Santa Clara	334	3%
9,941	76%	Marin	0	0%

TABLE 18 SELECT-LINK O-D DATA – PM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS – SR 37 AT THE SONOMA/MARIN COUNTY LINE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Eastbound		
0	0%	Sonoma	4,145	69%
6	0%	Napa	1,261	21%
9	0%	Solano	594	10%
49	1%	West Contra Costa	0	0%
6	0%	East Contra Costa	0	0%
234	4%	North Alameda	0	0%
1,162	19%	San Francisco	0	0%
243	4%	San Mateo	0	0%
17	0%	South Alameda	0	0%
58	1%	Santa Clara	0	0%
4,215	70%	Marin	0	0%
		Westbound		
1,935	48%	Sonoma	0	0%
1,344	34%	Napa	2	0%
720	18%	Solano	13	0%
0	0%	West Contra Costa	11	0%
0	0%	East Contra Costa	22	1%
0	0%	North Alameda	80	2%
0	0%	San Francisco	1,236	31%
0	0%	San Mateo	161	4%
0	0%	South Alameda	9	0%
0	0%	Santa Clara	30	1%
0	0%	Marin	2,435	61%

TABLE 19 SELECT-LINK O-D DATA – PM PEAK PERIOD COUNTY ORIGINS AND DESTINATIONS – I-580 AT THE CONTRA COSTA/MARIN COUNTY LINE

Trip Origins	Trip Origins Percentage	County	Trip Destinations	Trip Destinations Percentage
		Westbound		
2	0%	Sonoma	912	10%
2	0%	Napa	10	0%
84	1%	Solano	64	1%
1,931	21%	West Contra Costa	0	0%
1,192	13%	East Contra Costa	0	0%
4,819	54%	North Alameda	0	0%
199	2%	San Francisco	393	4%
25	0%	San Mateo	0	0%
580	6%	South Alameda	0	0%
164	2%	Santa Clara	0	0%
0	0%	Marin	7,621	85%
		Eastbound		
1,646	12%	Sonoma	0	0%
13	0%	Napa	23	0%
81	1%	Solano	255	2%
0	0%	West Contra Costa	4,452	32%
0	0%	East Contra Costa	1,929	14%
0	0%	North Alameda	5,947	42%
540	4%	San Francisco	193	1%
0	0%	San Mateo	42	0%
0	0%	South Alameda	763	5%
0	0%	Santa Clara	397	3%
11,719	84%	Marin	0	0%

COUNTYWIDE ORIGIN-DESTINATION TRIP TABLES

Countywide origin-destination trip tables provide the number of trips between each zone and every other zone in the zone system. They are very similar to the select-link origin-destination trips tables but rather than provide the index of trips between each zone that travel through a selected roadway segment, they provide the index of trips between each zone that travel through Marin County regardless of what roadway they travel on. These OD trip tables are intended to summarize all trips that travel within Marin County as opposed to trips that travel on individual roadway segments within Marin County. As with the select-link OD trip tables, each trip table provides 1,600 (40 zones by 40 zones) possible zone pairs but a separate trip table is only provided for each day type, day part, and vehicle type, not for individual roadway segments.

As with the select-link origin-destination data, the indexed trip values in the countywide OD trip tables represent "relative" rather than "absolute" trips, but since the data summarizes all trips that travel within Marin County, there is no singular count location that can be used to factor "relative" trips to "absolute" trips. However, since the countywide origin-destination data is also based on the same GPS-enabled devices as the select-link origin-destination data, the ratio of inter-county trips (absolute magnitude derived from refined select-link OD data) to intra-county trips was applied to estimate "absolute" intra-county trips.

The refined countywide origin-destination trip tables represent an "absolute" measure of the total trips that occur with Marin County, including trips that pass through Marin County, trips that travel into Marin County, trips that travel out of Marin County, and trips that have both their origin and destination within Marin County.

Table 20 provides a summary of the "absolute" AM Peak Period (6 AM to 10 AM) county-to-county flows and **Table 21** provides a summary of the "absolute" PM Peak Period (3 PM to 7 PM) county-to-county flows.

TABLE 20 COUNTYWIDE O-D DATA – AM PEAK PERIOD COUNTY-TO-COUNTY FLOWS

County	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin	Total
Sonoma	0	0	20	182	25	721	3,413	664	100	138	8,525	13,787
Napa	4	0	0	1	0	2	449	108	1	14	1,039	1,618
Solano	42	0	0	0	0	0	119	3	0	0	1,428	1,593
West Contra Costa	199	0	0	0	0	0	273	0	0	0	4,126	4,599
East Contra Costa	195	0	0	0	0	0	25	0	0	0	2,251	2,471
North Alameda	618	1	0	0	0	0	82	0	0	0	3,981	4,682
San Francisco	1,179	380	65	227	2	13	0	0	0	0	7,172	9,039
San Mateo	255	15	7	0	0	0	0	0	0	0	820	1,098
South Alameda	96	0	0	0	0	0	0	0	0	0	665	761
Santa Clara	170	2	0	0	0	0	0	0	0	0	282	454
Marin	3,827	512	676	585	752	2,455	13,080	2,093	369	740	163,837	188,926
Total	6,585	910	768	995	779	3,191	17,441	2,867	470	892	194,128	229,027

Below is a summary of the ten highest AM peak period county-to-county travel flows shown in **Table 20.**

1. Marin County to Marin County 163,837
2. Marin County to San Francisco County 13,080
3. Sonoma County to Marin County 8,525
4. San Francisco County to Marin County 7,172
5. West Contra Costa County to Marin County 4,126
6. North Alameda County to Marin County 3,981
7. Marin County to Sonoma County 3,827
8. Sonoma County to San Francisco County 3,413
9. Marin County to North Alameda County 2,455
10. East Contra Costa County to Marin County 2,251

TABLE 21 COUNTYWIDE O-D DATA – PM PEAK PERIOD COUNTY-TO-COUNTY FLOWS

County	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin	Total
Sonoma	0	2	17	194	87	779	2,092	316	160	269	6,049	9,965
Napa	4	0	0	0	1	4	433	48	3	6	790	1,291
Solano	9	0	0	0	0	1	158	5	0	0	667	840
West Contra Costa	257	0	2	0	0	0	264	0	0	0	1,393	1,915
East Contra Costa	16	0	0	0	0	0	10	0	0	0	1,178	1,205
North Alameda	665	2	0	0	0	0	38	0	0	0	4,264	4,969
San Francisco	2,740	229	91	251	21	68	0	0	0	0	13,670	17,071
San Mateo	412	54	5	0	0	0	0	0	0	0	1,648	2,118
South Alameda	102	1	0	0	0	0	0	0	0	0	512	615
Santa Clara	155	11	0	0	0	0	0	0	0	0	582	748
Marin	9,214	916	766	3,823	1,819	4,949	8,766	965	590	472	186,478	218,757
Total	13,574	1,215	881	4,269	1,928	5,801	11,760	1,334	754	747	217,232	259,495

Below is a summary of the ten highest PM peak period county-to-county travel flows shown in **Table 21.**

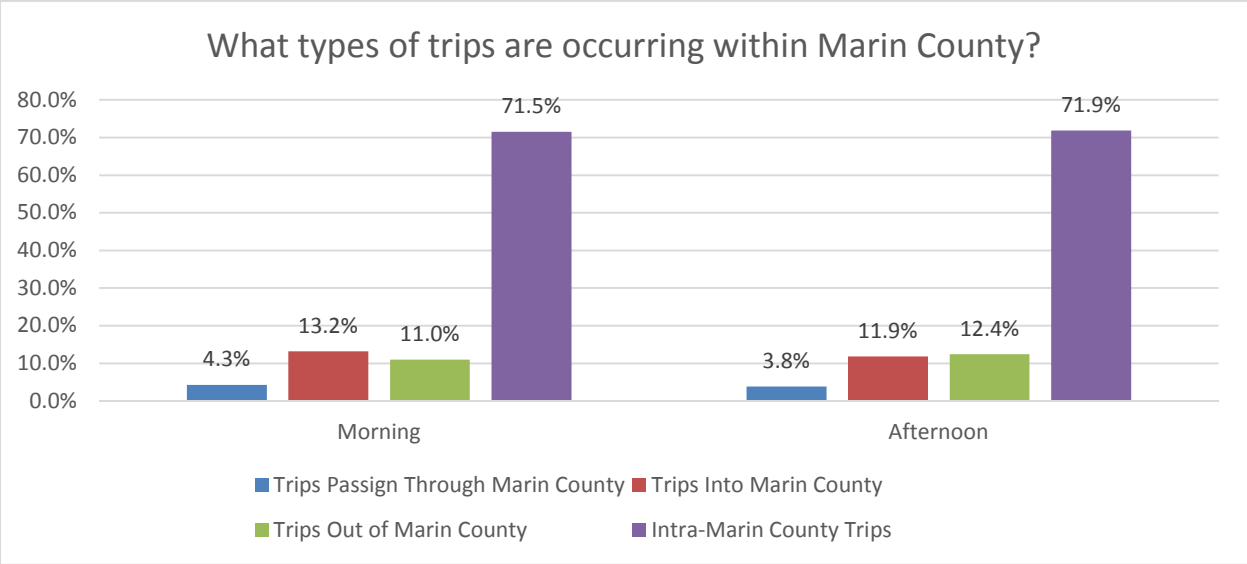
1. Marin County to Marin County 186,478
2. San Francisco County to Marin County 13,670
3. Marin County to Sonoma County 9,214
4. Marin County to San Francisco County 8,766
5. Sonoma County to Marin County 6,049
6. Marin County to North Alameda County 4,949
7. North Alameda County to Marin County 4,264
8. Marin County to West Contra Costa County 3,823
9. San Francisco County to Sonoma County 2,740
10. Marin County to East Contra Costa County 1,819

Table 22 provides an absolute and relative summary of the types of trips that occur within Marin County during the AM Peak Period (6 AM to 10 AM) and PM Peak Period (3 PM to 7 PM).

TABLE 22 COUNTYWIDE O-D DATA –TRIPS BY TRIP TYPE

Time Period	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
Total Trips					
AM Peak Period (6 AM to 10 AM)	229,027	9,809	30,292	25,089	163,837
PM Peak Period (3 PM to 7 PM)	259,495	9,983	30,755	32,279	186,478
Percentage of Total Trips					
AM Peak Period (6 AM to 10 AM)	100%	4.3%	13.2%	11.0%	71.5%
PM Peak Period (3 PM to 7 PM)	100%	3.8%	11.9%	12.4%	71.9%

CHART 1 COUNTYWIDE O-D DATA –TRIPS BY TRIP TYPE



As shown in **Table 22**, approximately 13 percent more total trips occur during the PM peak period, with a majority of those trips being intra-Marin County trips likely representing shopping, recreational, or visitor trips. Additionally, intra-Marin County trips comprise 71.5 and 71.9 percent of total trips, trips passing through Marin County comprise 4.3 and 3.8 percent of total trips, and inter-county trips comprise 24.2 and 24.3 percent of total trips, in the AM and PM peak periods, respectively.

Table 23 provides an absolute and relative summary of inter-county trips that travel between Marin County and Sonoma and San Francisco counties during the AM Peak Period (6 AM to 10 AM) and PM Peak Period (3 PM to 7 PM).

TABLE 23 COUNTYWIDE O-D DATA – INTER-COUNTY TRIPS

Time Period	Sonoma County Trips Passing Through Marin County	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Trips Passing Through Marin County	San Francisco County to Marin County	Marin County to San Francisco County
Total Trips						
AM Peak Period (6 AM to 10 AM)	5,262	8,525	3,827	1,866	7,172	13,080
PM Peak Period (3 PM to 7 PM)	3,916	6,049	9,214	3,401	13,670	8,766
Percentage of Total Trips						
AM Peak Period (6 AM to 10 AM)	2%	4%	2%	1%	3%	6%
PM Peak Period (3 PM to 7 PM)	2%	2%	4%	1%	5%	3%

Below is a summary of key takeaways from **Table 23.**

- More than twice as many Sonoma County trips pass through Marin County than San Francisco County trips pass through Marin County in the AM peak period.
- Almost twice as many Marin County trips travel to San Francisco County than from San Francisco County to Marin County in the AM peak period.
- More than twice as many Sonoma County trips travel to Marin County than from Marin County to Sonoma County in the AM peak period.

Chart 2 through **Chart 5** illustrate the relative percent of trips coming into and going out of Marin County in the AM Peak Period and PM peak period.

CHART 2 COUNTYWIDE O-D DATA – AM PEAK PERIOD TRIPS INTO MARIN COUNTY

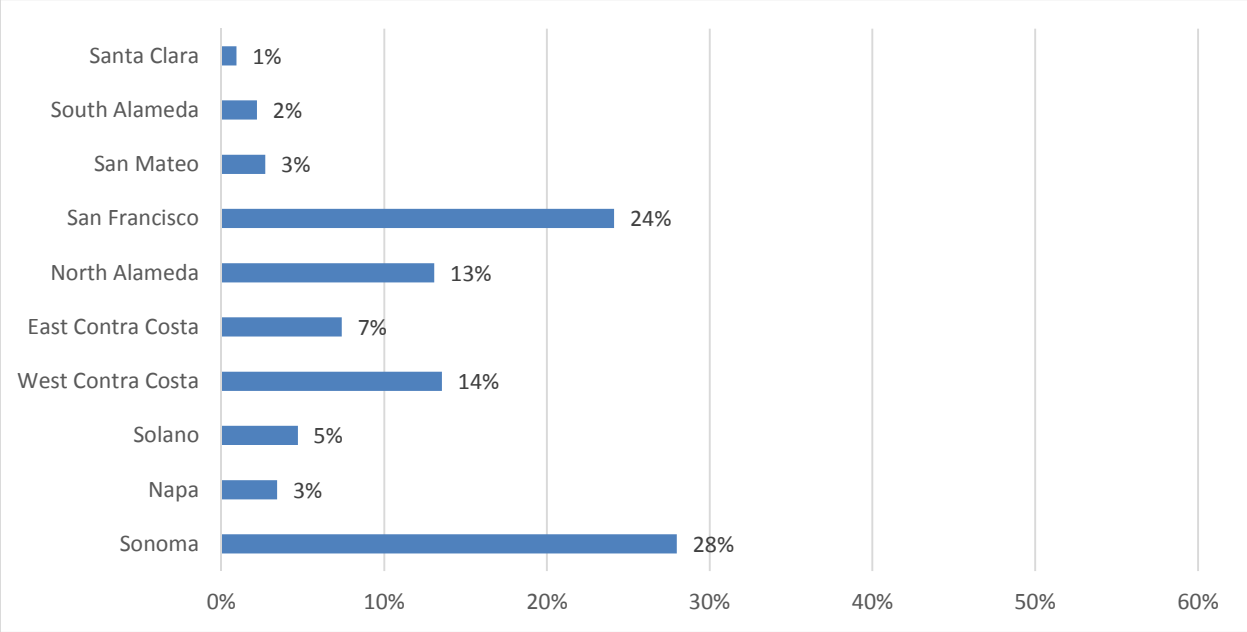


CHART 3 COUNTYWIDE O-D DATA – AM PEAK PERIOD TRIPS OUT OF MARIN COUNTY

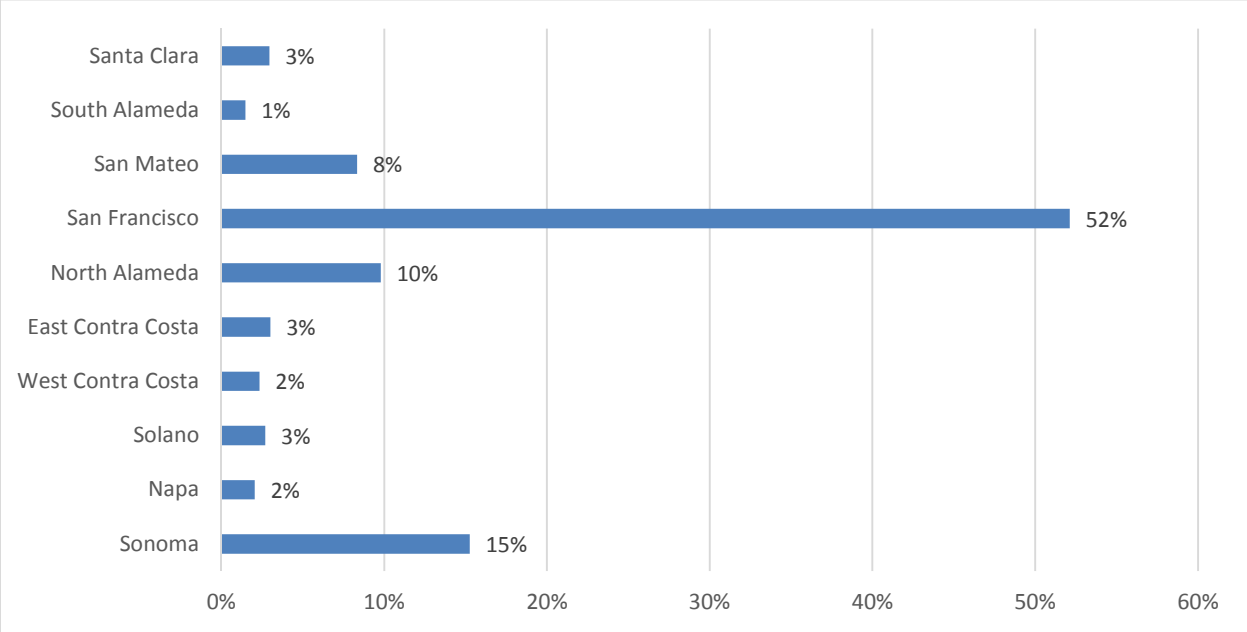


CHART 4 COUNTYWIDE O-D DATA – PM PEAK PERIOD TRIPS INTO MARIN COUNTY

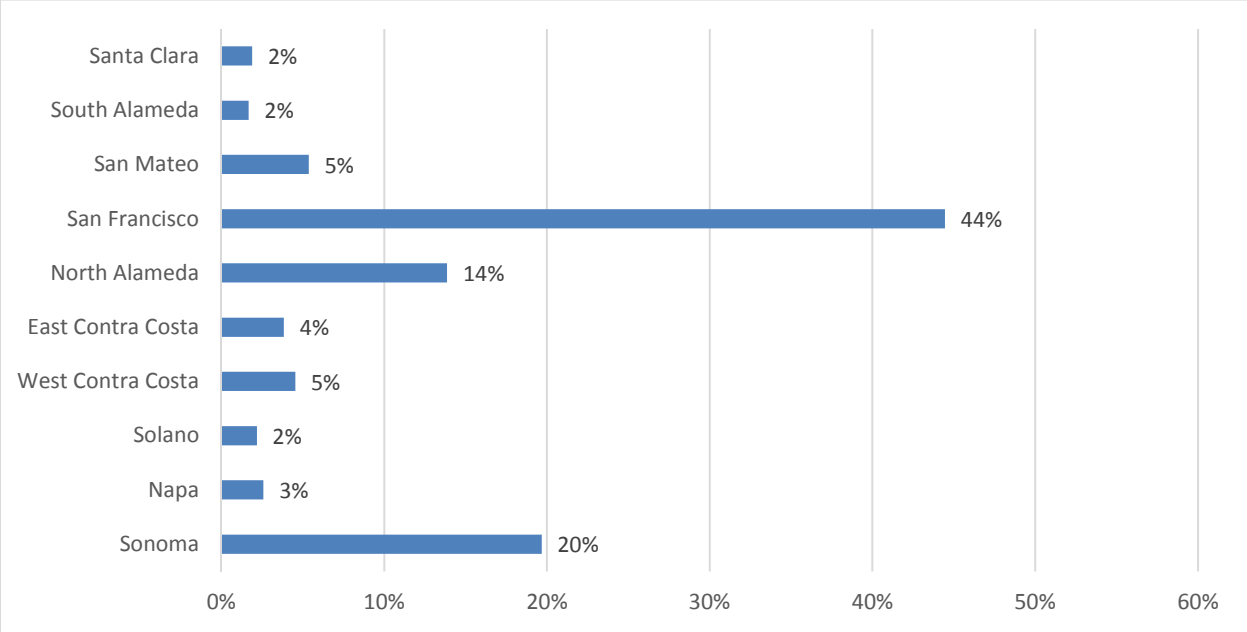
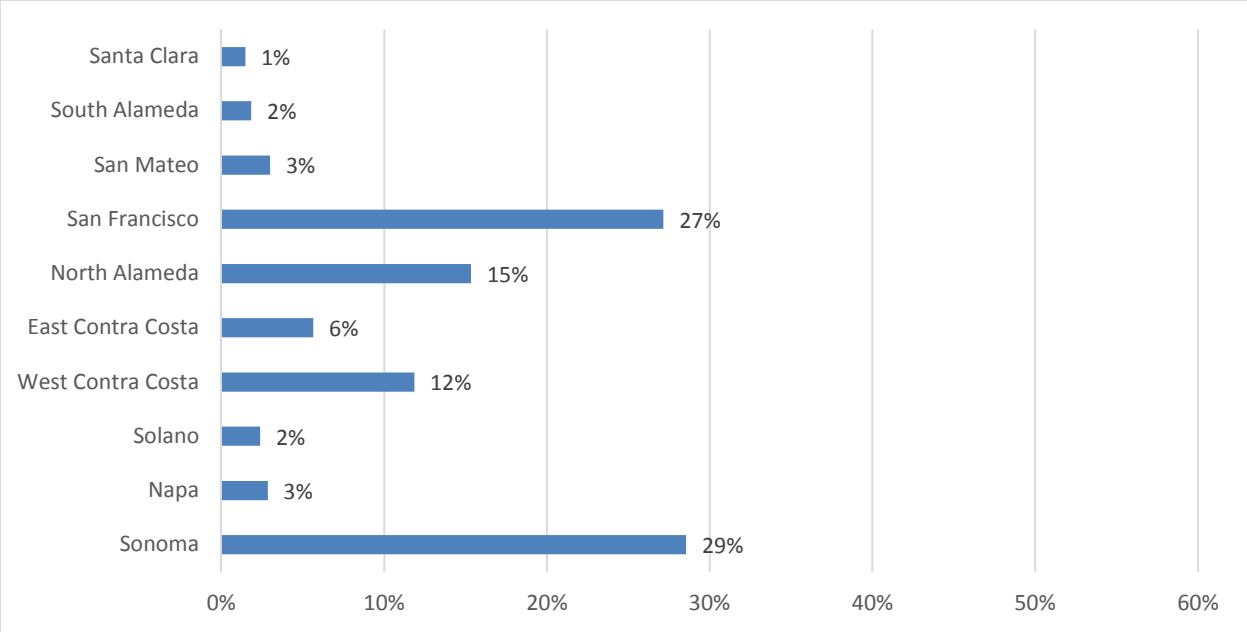


CHART 5 COUNTYWIDE O-D DATA – PM PEAK PERIOD TRIPS OUT OF MARIN COUNTY



Below is a summary of key takeaways from **Chart 2** to **Chart 5.**

- Approximately 52 percent of all AM peak period trips into Marin County are coming from Sonoma or San Francisco counties.
- Approximately 67 percent of all AM peak period trips out of Marin County are going to Sonoma or San Francisco counties.

Table 24 provides an absolute and relative summary of trips with an origin or destination in each Marin County city during the AM Peak Period (6 AM to 10 AM).

TABLE 24 COUNTYWIDE O-D DATA – AM PEAK PERIOD CITY ORIGINS AND DESTINATIONS

Trip Origins	Trip Origins Percentage	City	Trip Destinations	Trip Destinations Percentage
2,446	1%	Belvedere	1,304	1%
12,925	7%	Corte Madera	18,158	9%
3,216	2%	Fairfax	1,851	1%
22,363	12%	Larkspur	22,141	11%
17,643	9%	Mill Valley	14,776	8%
27,752	15%	Novato	28,476	15%
3,626	2%	Ross	2,063	1%
10,215	5%	San Anselmo	7,011	4%
42,250	22%	San Rafael	59,723	31%
10,630	6%	Sausalito	11,938	6%
14,639	8%	Tiburon	9,933	5%
21,220	11%	Unincorporated	16,754	9%

As shown in **Table 24**, approximately 22 percent of trips originating in Marin County originate in the city of San Rafael while approximately 31 percent of trip concluding in Marin County conclude in the city of San Rafael in the AM peak period (6 AM to 10 AM).

Table 25 provides an absolute and relative summary of trips with an origin or destination in each Marin County city during the PM Peak Period (3 PM to 7 PM).

TABLE 25 COUNTYWIDE O-D DATA – PM PEAK PERIOD CITY ORIGINS AND DESTINATIONS

Trip Origins	Trip Origins Percentage	City	Trip Destinations	Trip Destinations Percentage
1,623	1%	Belvedere	2,187	1%
21,355	10%	Corte Madera	21,426	10%
2,560	1%	Fairfax	3,133	1%
21,080	10%	Larkspur	23,937	11%
20,801	10%	Mill Valley	23,084	11%
29,106	13%	Novato	25,986	12%
2,784	1%	Ross	3,501	2%
8,672	4%	San Anselmo	11,233	5%
58,207	27%	San Rafael	51,252	24%
18,159	8%	Sausalito	13,306	6%
11,047	5%	Tiburon	12,154	6%
23,364	11%	Unincorporated	26,032	12%

As shown in **Table 25**, approximately 27 percent of trips originating in Marin County originate in the city of San Rafael while approximately 24 percent of trip concluding in Marin County conclude in the city of San Rafael in the PM peak period (3 PM to 7 PM).

SEASONAL VARIATION

In order to determine variations in seasonal trip making, mobile device OD data was purchased for the entire portion of 2015 when school was in session and for the entire portion of 2015 when school was not in session. This allowed for the comparison of "summer" and "non-summer" travel patterns.

Table 26 provides the percent difference in "summer" travel patterns compared to "non-summer" travel patterns by types of trips that occur within Marin County during the AM Peak Period (6 AM to 10 AM).

TABLE 26 AM PEAK PERIOD SEASONAL VARIATION BY TRIP TYPE

Traffic Count Location	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
1 - US 101 at the Sonoma/Marin County Line[1]	-5%	2%	-5%	-14%	--
2 - US 101 North of San Rafael	-7%	3%	-1%	-6%	-17%
3 - US 101 in Downtown San Rafael	-8%	2%	0%	-7%	-19%
4 - US 101 at Sir Francis Drake Boulevard	-9%	3%	7%	-9%	-22%
5 - US 101 over Richardson Bay	-11%	-2%	-1%	-13%	-19%
6 - US 101 at the Golden Gate Bridge[1]	-12%	-1%	0%	-16%	--
7 - SR 37 at the Sonoma/Marin County Line[1]	-1%	7%	-13%	4%	--
8 - I-580 at the Contra Costa/Marin County Line[1]	-2%	-6%	-5%	2%	--
9 - Sir Francis Drake Blvd West of US 101	-13%	-79%	-6%	-10%	-15%
10 - Sir Francis Drake Blvd East of US 101	-16%	-23%	-17%	-6%	-20%
11 - Highway 1 West of US 101	-9%	-83%	36%	-12%	-10%

As shown in **Table 26**, total trip making is lower in the "summer" at all 11 select-link locations, ranging from a one percent decrease to a 16 percent decrease, with the two largest percent decreases (13 percent and 16 percent) on Sir Francis Drake Boulevard.

Table 27 provides the percent difference in "summer" travel patterns compared to "non-summer" travel patterns by types of trips that occur within Marin County during the PM Peak Period (3 PM to 7 PM).

TABLE 27 PM PEAK PERIOD SEASONAL VARIATION BY TRIP TYPE

Traffic Count Location	Total Trips	Trips Passing Through Marin County	Trips Into Marin County	Trips Out of Marin County	Intra-Marin County Trips
1 - US 101 at the Sonoma/Marin County Line[1]	-11%	-24%	-12%	4%	--
2 - US 101 North of San Rafael	-12%	-21%	-11%	-7%	-10%
3 - US 101 in Downtown San Rafael	-13%	-22%	-16%	-6%	-11%
4 - US 101 at Sir Francis Drake Boulevard	-17%	-22%	-21%	-5%	-17%
5 - US 101 over Richardson Bay	-18%	-22%	-22%	-16%	-13%
6 - US 101 at the Golden Gate Bridge[1]	-19%	-22%	-21%	-15%	--
7 - SR 37 at the Sonoma/Marin County Line[1]	1%	-20%	6%	17%	--
8 - I-580 at the Contra Costa/Marin County Line[1]	-13%	-20%	-13%	-10%	--
9 - Sir Francis Drake Blvd West of US 101	-27%	-41%	-28%	-38%	-25%
10 - Sir Francis Drake Blvd East of US 101	-21%	-26%	-19%	-28%	-19%
11 - Highway 1 West of US 101	-23%	-73%	-25%	-12%	-23%

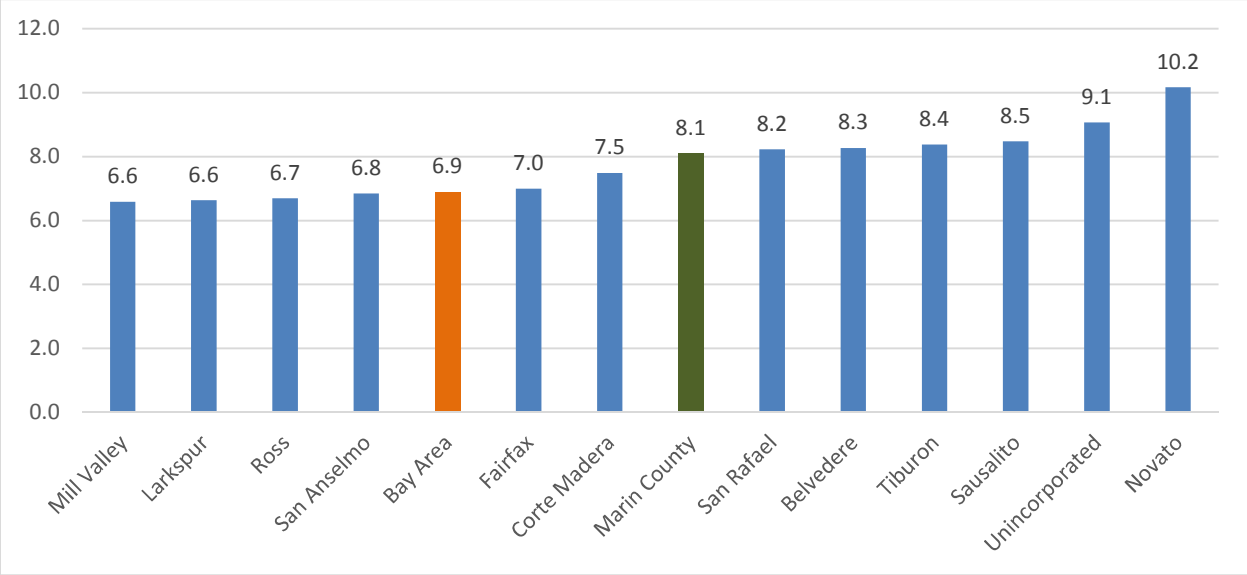
As shown in **Table 27**, total trip making is lower in the "summer" at ten of the 11 select-link locations, ranging from a one percent increase to a 27 percent decrease, with two of the three largest percent decreases (21 percent and 27 percent) on Sir Francis Drake Boulevard.

AVERAGE TRIP LENGTHS

In order to determine average trip lengths for trips originating in Marin County cities, Fehr & Peers purchased advanced trip length metrics offered by StreetLight Data that provide the trip length distribution and average trip length for each zone in the geographic layer, allowing for an understanding of how average trip length varies in different parts of Marin County.

Chart 6 provides the average daily trip length for Marin County, individual cities within Marin County, unincorporated areas within Marin County, and the Bay Area.

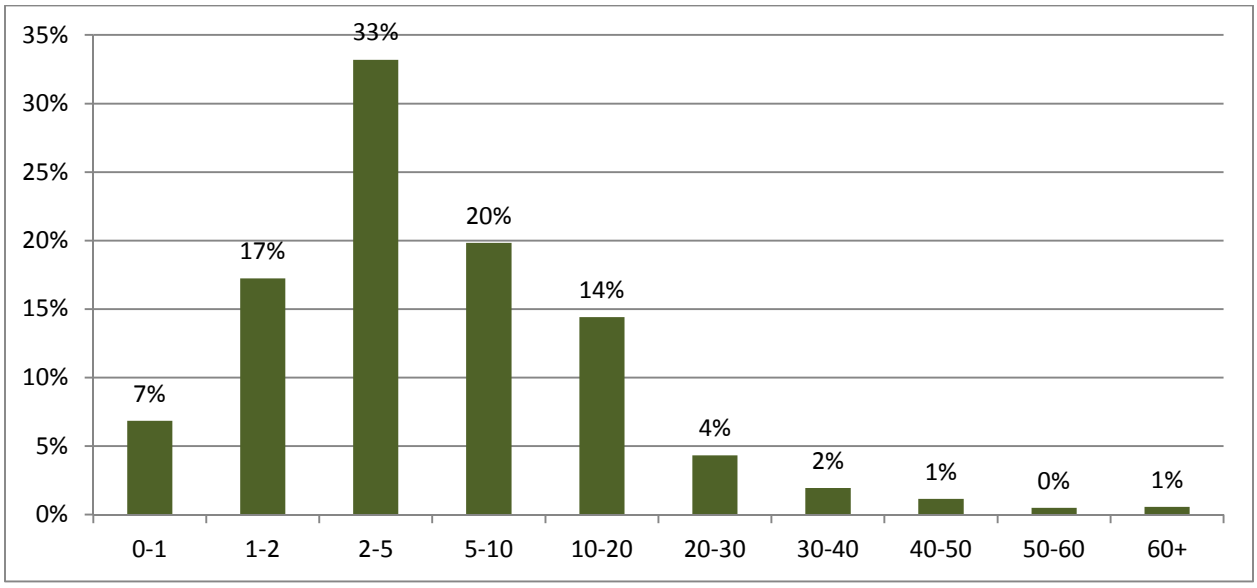
CHART 6 AVERAGE DAILY TRIP LENGTHS (MILES)



As shown in **Chart 6**, the average daily trip length for Marin County trips is 17 percent longer than the average daily trip length for Bay Area trips.

Chart 7 provides the average daily trip length distribution for Marin County trips.

CHART 7 MARIN COUNTY DAILY TRIP LENGTH DISTRIBUTION (MILES)



As shown in **Chart 7**, 57 percent of Marin County trips are less than five miles in length, while 34 percent of trips are between five and 20 miles in length.

OBSERVED TRAVEL DATA FOR MODEL CALIBRATION

Starting with the latest Travel Model Two traffic analysis zone system allows the mobile device OD trip table data to be easily compared to trip tables generated by the updated Marin County Model, providing a substantial amount of observed travel data for base year calibration and validation purposes. It is important to note however that the mobile device trip tables do not represent person-level trip productions and attractions (P-A) similar to those produced in the early stages of traditional four-step travel demand models (i.e. trip generation and trip distribution). Instead, the mobile device trip tables represent vehicle trip origins and destinations (O-D) similar to those used during the trip assignment stage of traditional four-step travel demand models. The main difference is that cell values in a model's productions and attractions trip tables are non-directional, only indicating the magnitude of interaction between two TAZs, whereas the cell values in an origins and destinations trip table are directional, indicating the magnitude and direction of interaction between two TAZs.

Although the updated Marin County Model and its parent Travel Model Two are not available for comparison purposes, Travel Model One (the precursor to Travel Model Two) is available and was used to ensure the total number of daily trips from the countywide OD trip tables were reasonable. The total average Monday to Thursday weekday AM and PM peak period personal automobile trips from the refined countywide OD trip tables were compared to AM and PM peak period trips with an origin or destination in Marin County from the 2015 Travel Model One. The results of the comparison are shown in **Table 28** and indicate the observed AM and PM peak period mobile device data very closely resemble forecasted weekday AM and PM peak period trip data from the 2015 Travel Model One.

TABLE 28 AM AND PM PEAK PERIOD TRAVEL MODEL ONE COUTYWIDE OD DATA COMPARISON

Data Source	AM Peak Period (6 AM to 10 AM)				PM Peak Period (3 PM to 7 PM)			
	In to Marin County	Out of Marin County	Intra-Marin County	Total Trips	In to Marin County	Out of Marin County	Intra-Marin County	Total Trips
2015 Travel Model One	43,866	43,688	139,203	226,757	37,637	41,912	189,100	268,649
Refined Countywide OD Data	30,292	25,089	163,837	219,218	30,755	32,279	186,478	249,512

HOME AND WORK LOCATION DATA

In addition to countywide and select-link mobile device OD data, Fehr & Peers also obtained from StreetLight Data the work location of workers who live in specified "home" zones and the home location of workers who work in specified "work" zones. By overlapping "home" and "work" zones it is possible not only to determine where commuters work who live in a specific area and where commuters live who work in a specific area, but also the percentage of workers who commute outside the area they live.

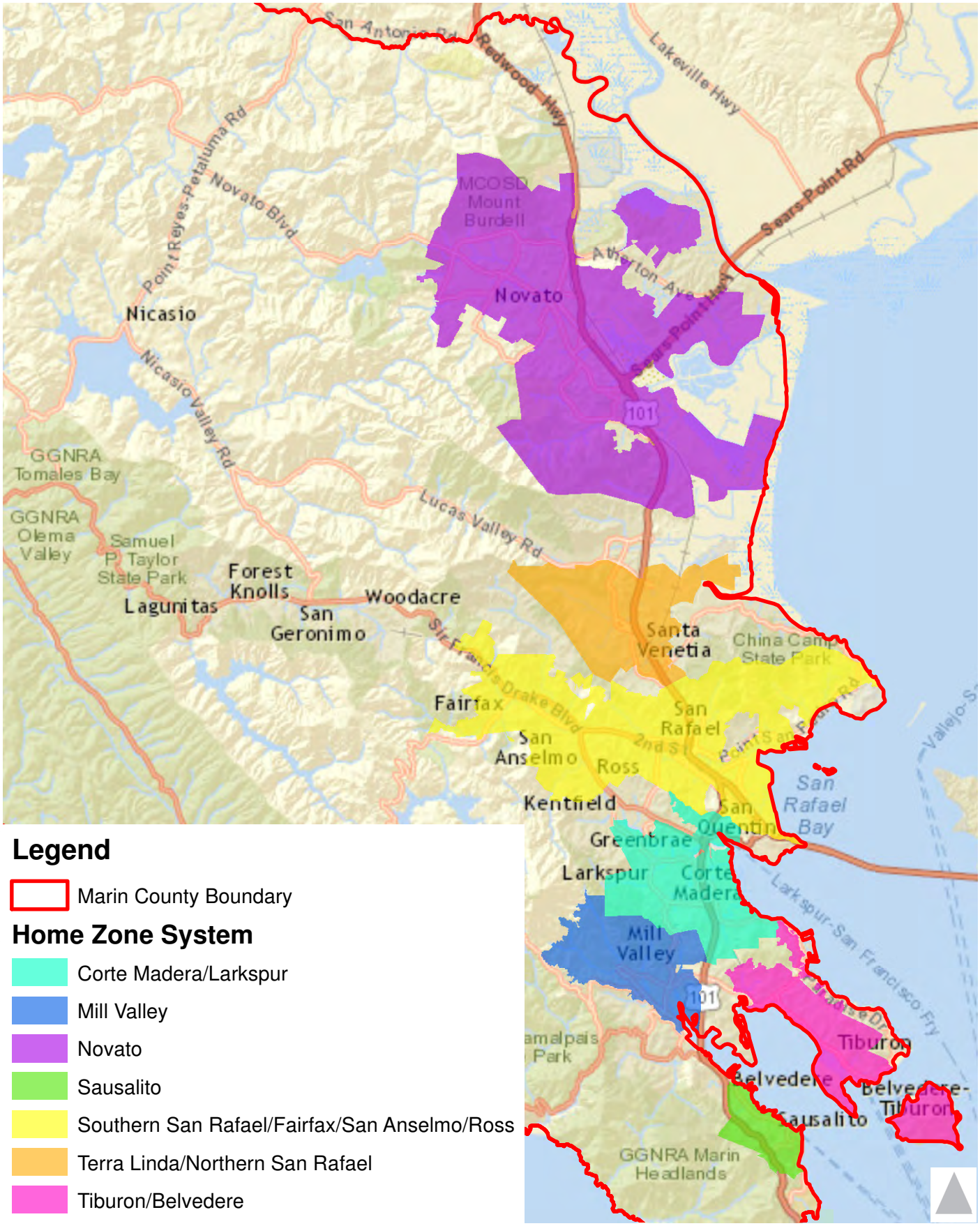
The data analysis performed by StreetLight Data was similar to the origin-destination analysis but rather than the origin and destination of trips, StreetLight Data inferred the "home" zone and the "work" zone for cellular, rather than GPS-enabled devices. For instance, a "home" zone was designated if a particular device spent a majority of nighttime hours (i.e. 9 PM to 6 AM) at a specific location, whereas a "work" zone was designated if a particular device spent a majority of daytime hours (i.e. 8 AM to 5 PM) at a specific location over the time period of analysis. This data was then used to answer questions such as "if you live in San Rafael, where do you work" or "what percentage of San Rafael workers commute outside Marin County and to where?" For consistency, the "home" and "work" zones generally follow the boundaries of their respective cities but are based on an aggregation of the Travel Model Two traffic analysis zone system so likely differ in multiple areas along their boundaries.

HOME AND WORK ZONE SYSTEMS

Seven "home" and ten "work" zone systems were developed and provided to StreetLight Data.

The seven "home" zones are listed below and shown on **Figure 4**.

1. Sausalito
2. Tiburon/Belvedere
3. Mill Valley
4. Corte Madera/Larkspur
5. Southern San Rafael/Fairfax/San Anselmo/Ross
6. Terra Linda/Northern San Rafael
7. Novato



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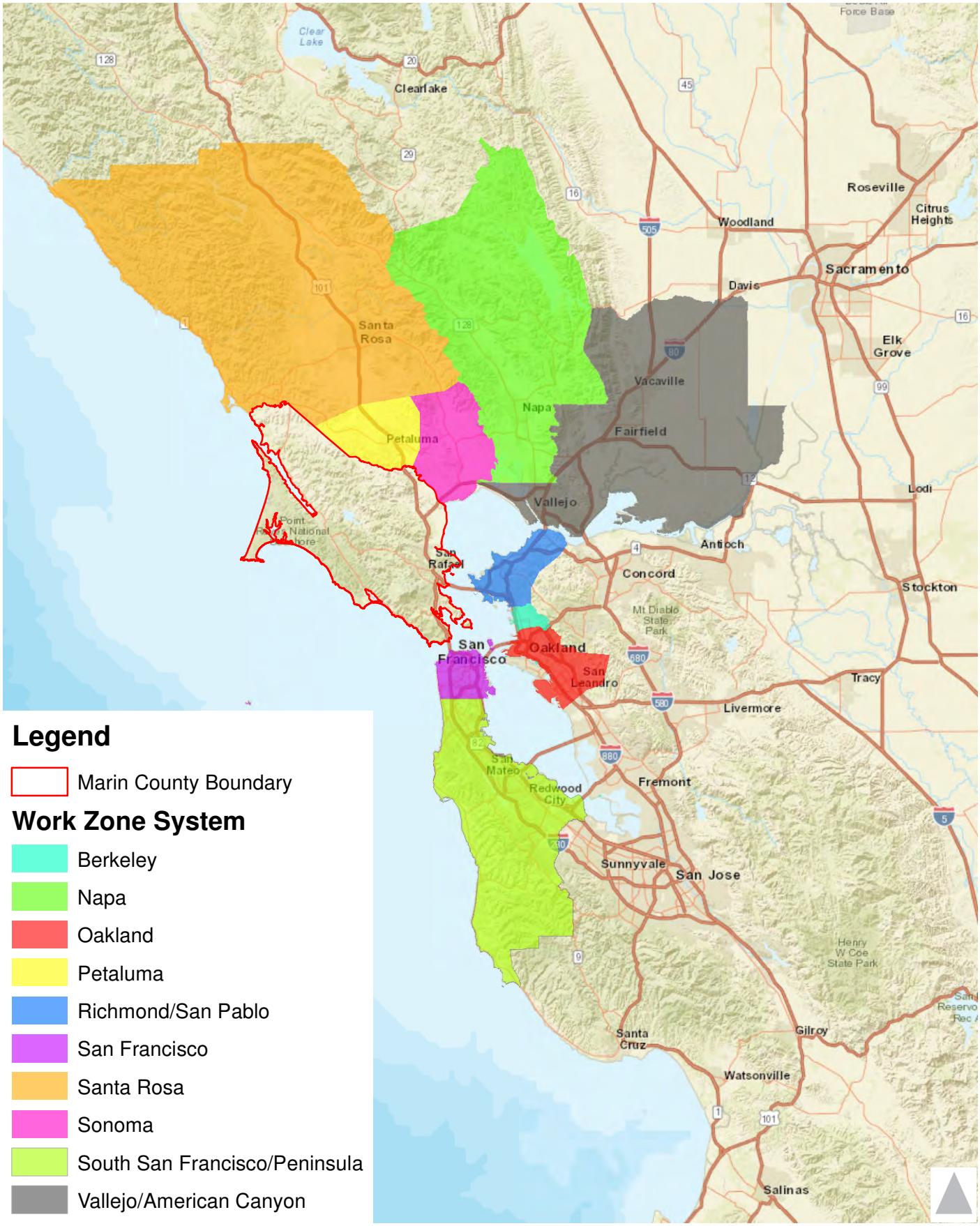
Home Zone System

Figure 4

The ten "work" zones are listed below and shown on **Figure 5**.

1. Richmond/San Pablo
2. Berkeley
3. Oakland
4. San Francisco
5. South San Francisco/Peninsula
6. Petaluma
7. Santa Rosa
8. Sonoma
9. Napa
10. Vallejo/American Canyon



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Work Zone System

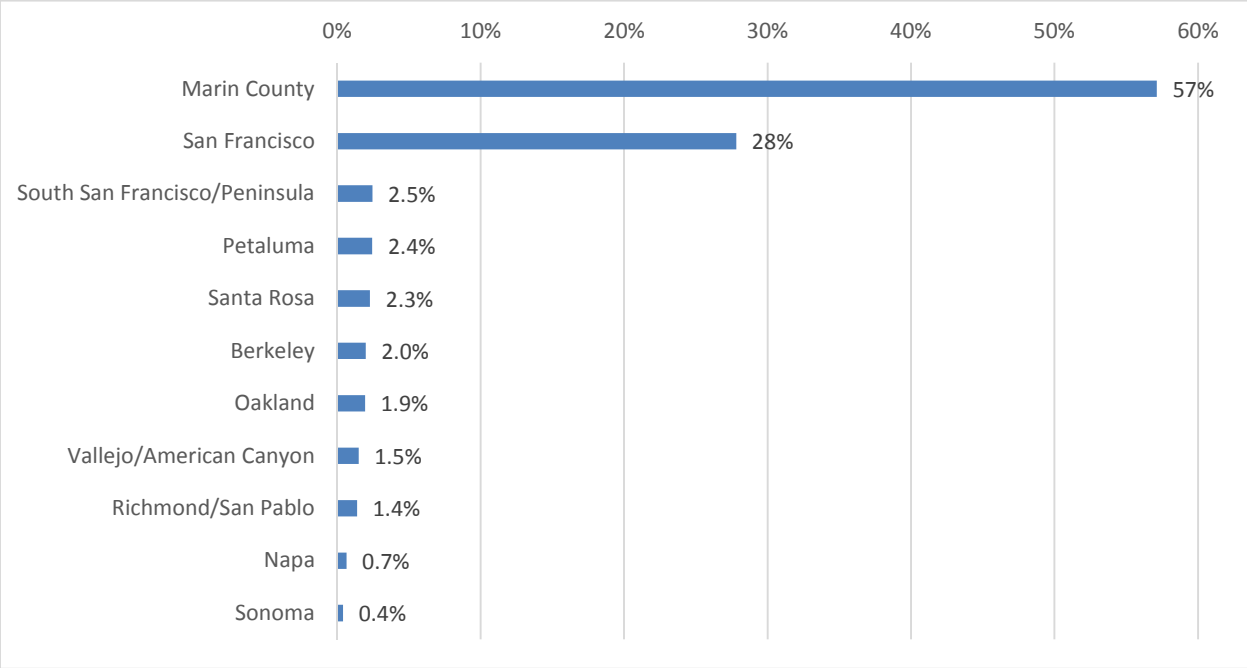
Figure 5

HOME AND WORK ZONE DATA

The home and work zone data are provided in tabular format in **Appendix B** and are summarized below.

Chart 8 summarizes where Marin County residents work.

CHART 8 WHERE DO MARIN COUNTY RESIDENTS WORK?

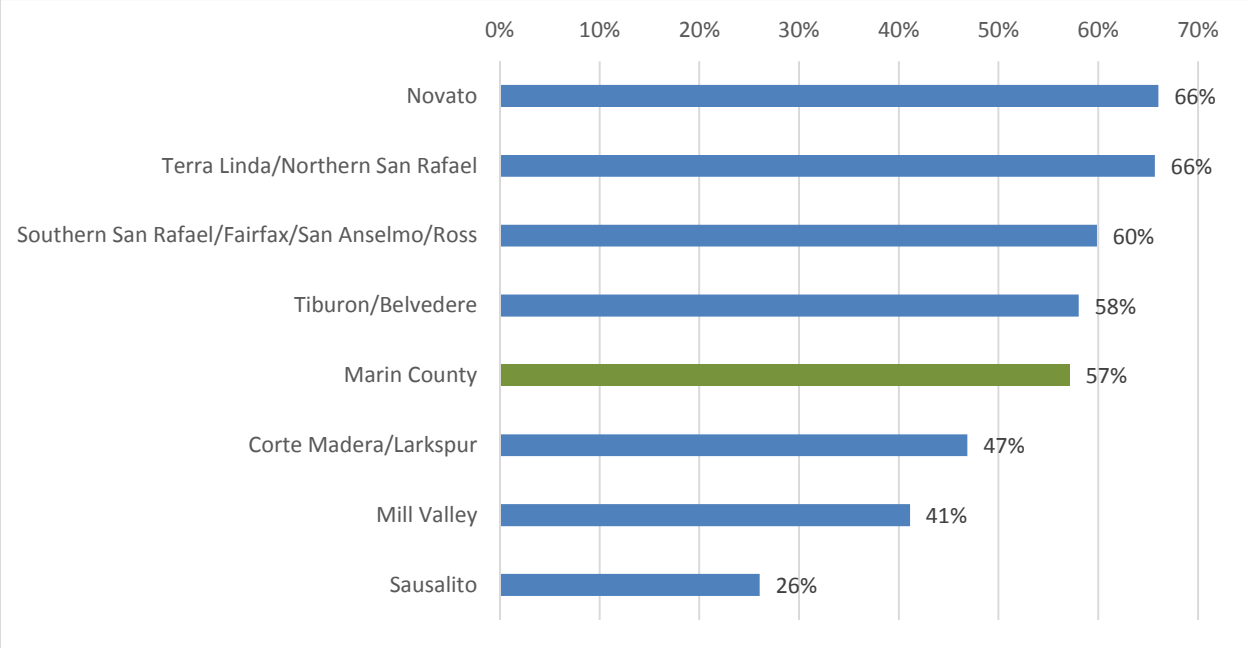


As shown in **Chart 8**, 57 percent of Marin County residents work in Marin County while 28 percent work in San Francisco County. As with the GPS-based OD data, the cellular-based home and work zone data is based on a sample of mobile devices and represents "relative" rather than "absolute" trips. However, much like the OD data, the home and work zone data can be factored based on existing travel behavior data. Given the data represents the work location of Marin County residents, census data rather than traffic counts represents a more appropriate source for factoring the data to absolute numbers.

As shown in **Table 2,** journey-to-work census data indicates 121,269 workers live in Marin County. Therefore, factoring of the census data based on the home and work zone data indicates that approximately 70,000 (58 percent) Marin County residents work in Marin County while approximately 34,000 work in San Francisco County.

Chart 9 summarizes the percentage of Marin County residents that work in Marin County.

CHART 9 WHAT PERCENTAGE OF MARIN COUNTY RESIDENTS WORK IN MARIN COUNTY?



As shown in **Chart 9**, on average 57 percent of Marin County residents work in Marin County, 66 percent of Novato residents work in Marin County, and 26 percent on Sausalito residents work in Marin County.

As shown in **Table 3,** journey-to-work census data indicates 124,550 workers work in Marin County. Therefore, factoring of the census data based on the home and work zone data indicates that approximately 70,000 (56 percent) Marin County workers live in Marin County.

Table 29 provides the percent of workers in each home zone that work in each work zone.

TABLE 29 HOME AND WORK LOCATION DATA BY ZONE

	Home Zone						
Work Zone	**Sausalito**	**Tiburon, Belvedere**	**Mill Valley**	**Corte Madera, Larkspur**	**Southern San Rafael, Fairfax, San Anselmo, Ross**	**Terra Linda, Northern San Rafael**	**Novato**
Sausalito	2%	1%	10%	3%	3%	1%	1%
Tiburon, Belvedere	1%	6%	2%	1%	3%	1%	1%
Mill Valley	7%	12%	3%	4%	6%	3%	4%
Corte Madera, Larkspur	7%	26%	11%	11%	17%	11%	10%
Southern San Rafael, Fairfax, San Anselmo, Ross	8%	6%	13%	18%	23%	28%	16%
Terra Linda, Northern San Rafael	0%	1%	1%	6%	4%	11%	8%
Novato	0%	6%	1%	2%	3%	10%	25%
Richmond, San Pablo	0%	1%	5%	1%	1%	2%	1%
Berkeley	4%	0%	4%	1%	3%	1%	1%
Oakland	1%	0%	1%	2%	2%	5%	2%
San Francisco	57%	37%	40%	41%	26%	16%	17%
South San Francisco, Peninsula	9%	1%	4%	1%	2%	2%	2%
Petaluma	2%	0%	1%	1%	3%	4%	4%
Santa Rosa	0%	0%	3%	4%	1%	1%	4%
Sonoma	0%	0%	0%	0%	0%	1%	1%
Napa	0%	2%	0%	0%	1%	2%	1%
Vallejo, American Canyon	0%	0%	1%	2%	1%	2%	2%

MAPPING OF MOBILE DEVICE DATA

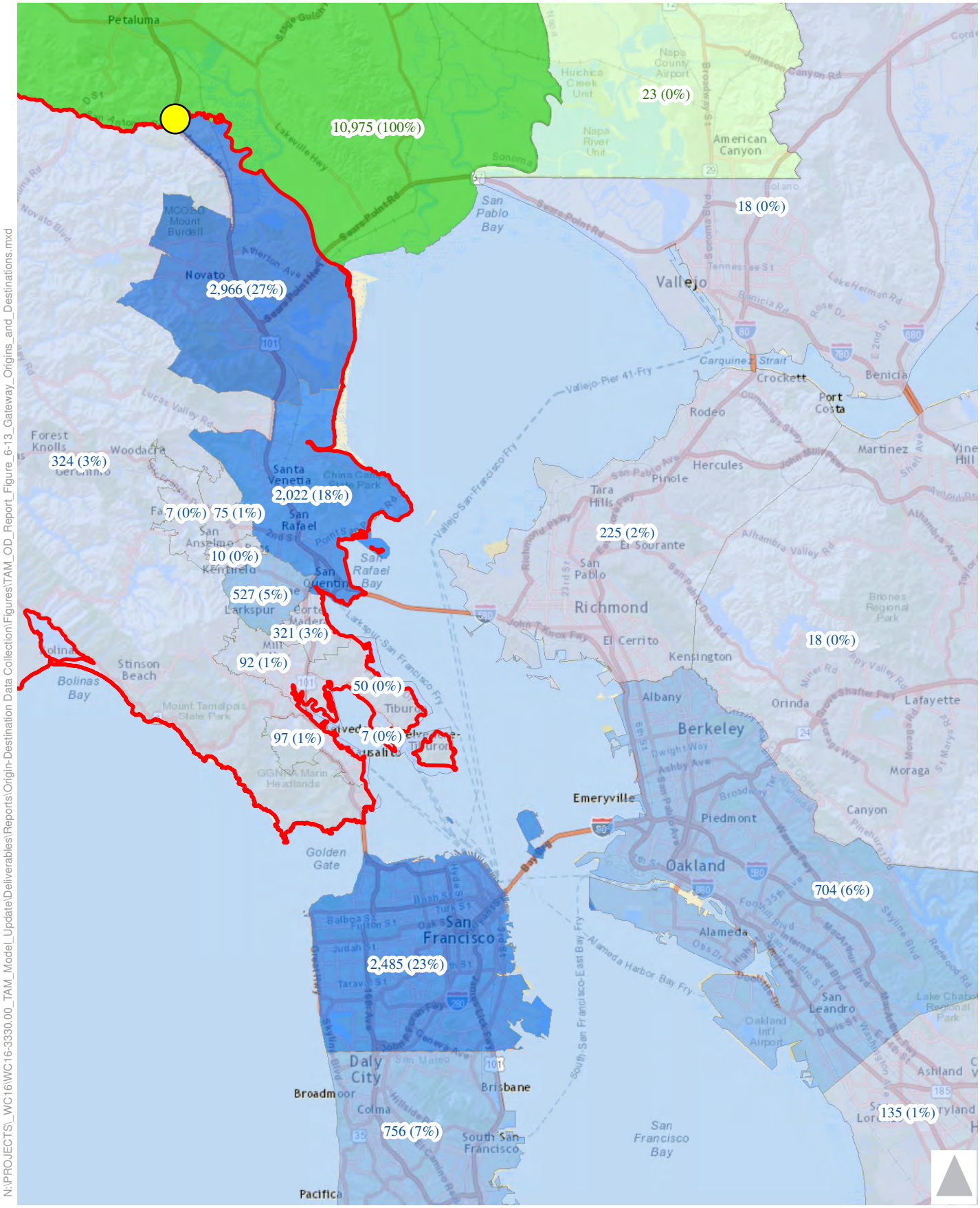
As shown in **Table 20** and **Table 21**, the mobile device data collection effort provided trip making characteristics for over 400,000 AM and PM peak period trips, which was then used to create stratified origin-destination trip tables, each consisting of approximately 1,600 cells of trips.

Trip making characteristics for over 400,000 AM and PM Peak Period Trips

Due to the overwhelming amount of data, it was imperative to develop an innovative and meaningful way to display the results.

One effective way to graphically represent OD data is through the use of heat maps. Heat maps apply a gradient to the geographic zone system with more intense coloring representing a higher magnitude of trip generation and less intense coloring representing a lower magnitude of trip generation.

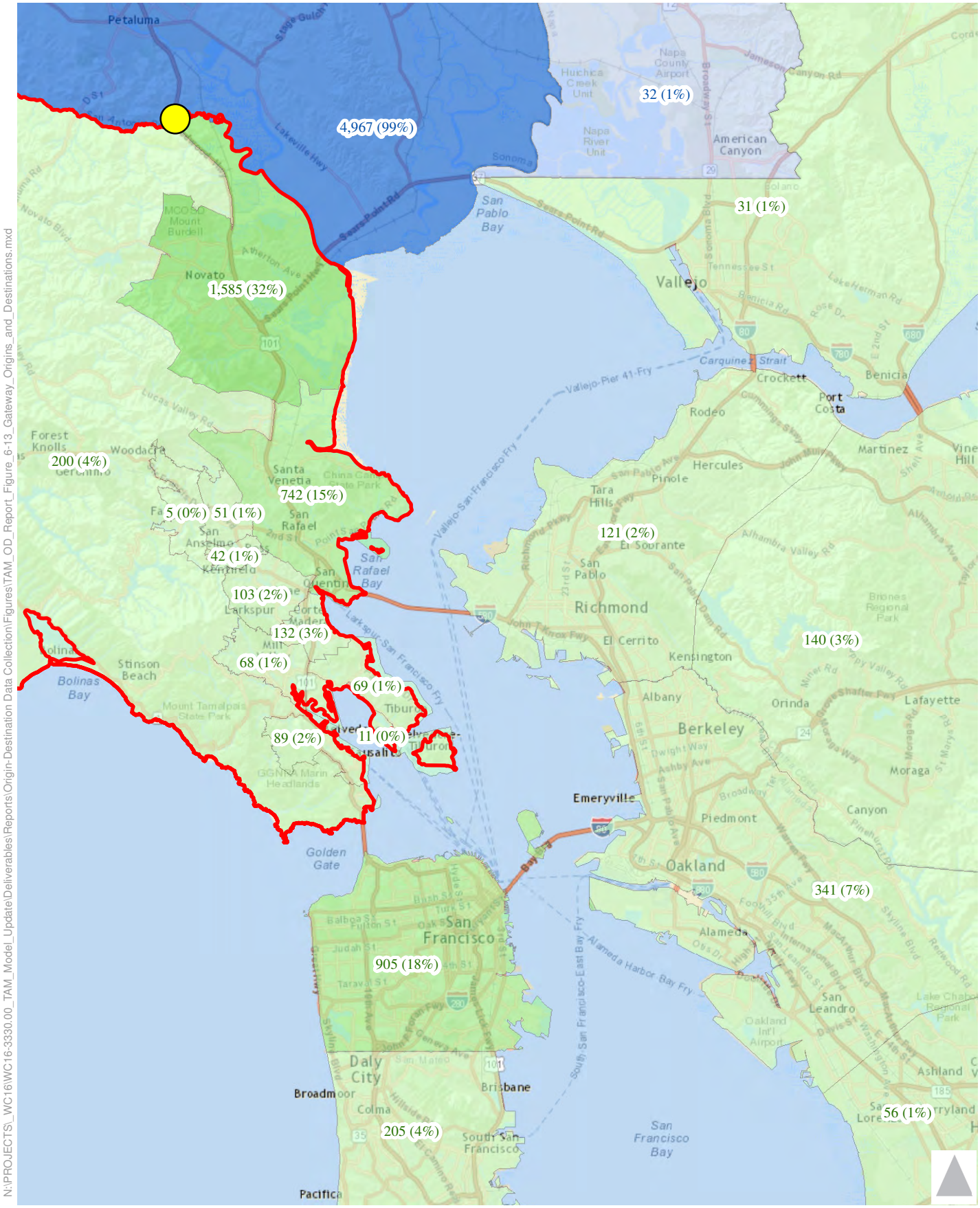
Figure 6 through **Figure 13** provide a graphical representation of average weekday (Monday to Thursday) AM directional trip origins and trip destinations for each of the four Marin County gateway select-link locations. A separate figure is provided for each gateway and travel direction, and each figure shows the number and location of trip origins in green and the number and location of trip destinations in blue. For example, as shown on **Figure 6**, 17,019 trips originate in Sonoma County that travel southbound through US 101 at the Marin/Sonoma County line, while 3,853 trips that travel southbound through US 101 at the Marin/Sonoma County line conclude in San Francisco County.



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

U.S. 101 at the Marin/Sonoma County Line
Southbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

Figure 6



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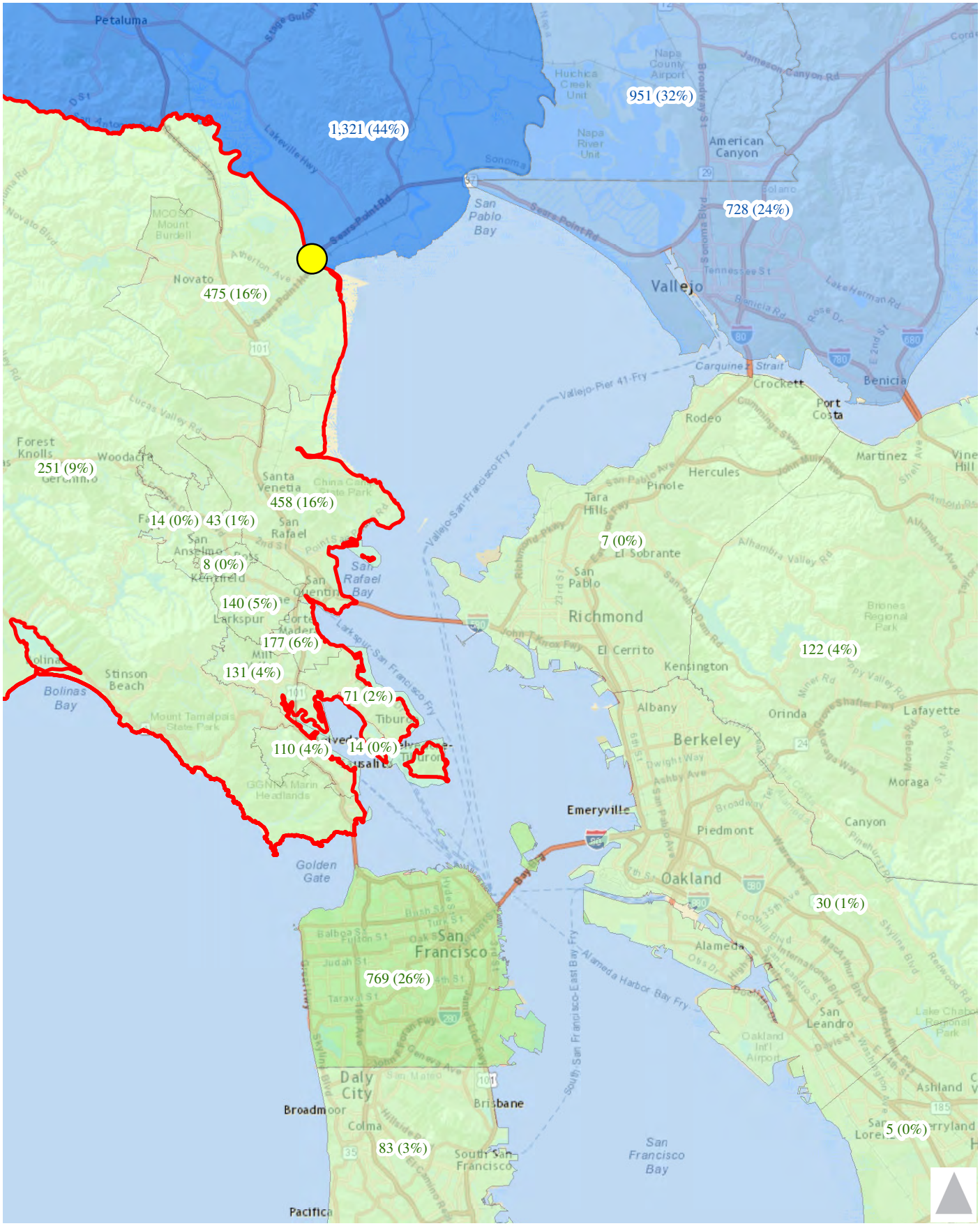
U.S. 101 at the Marin/Sonoma County Line
Northbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

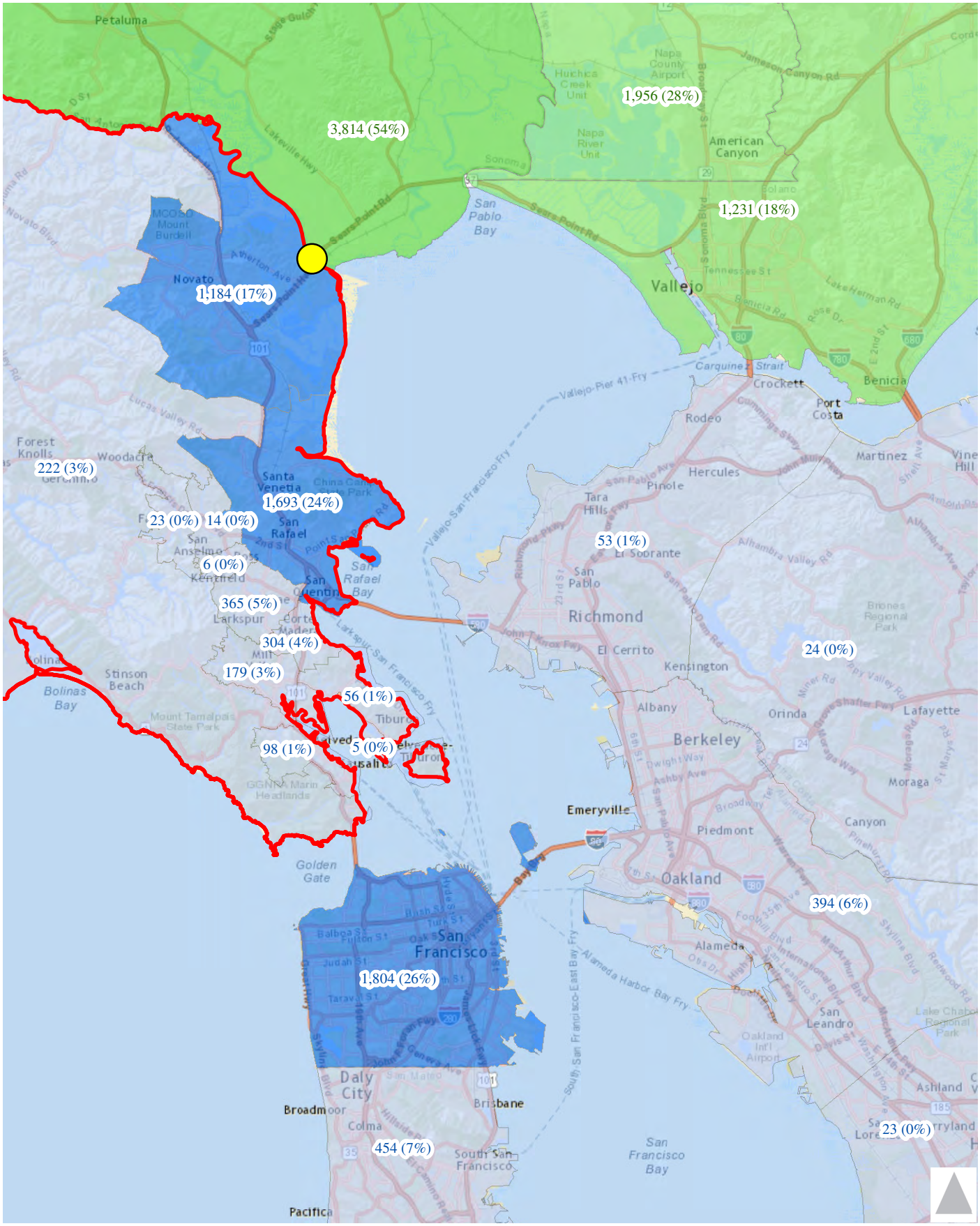
Figure 7



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

SR 37 at the Marin/Sonoma County Line
Eastbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

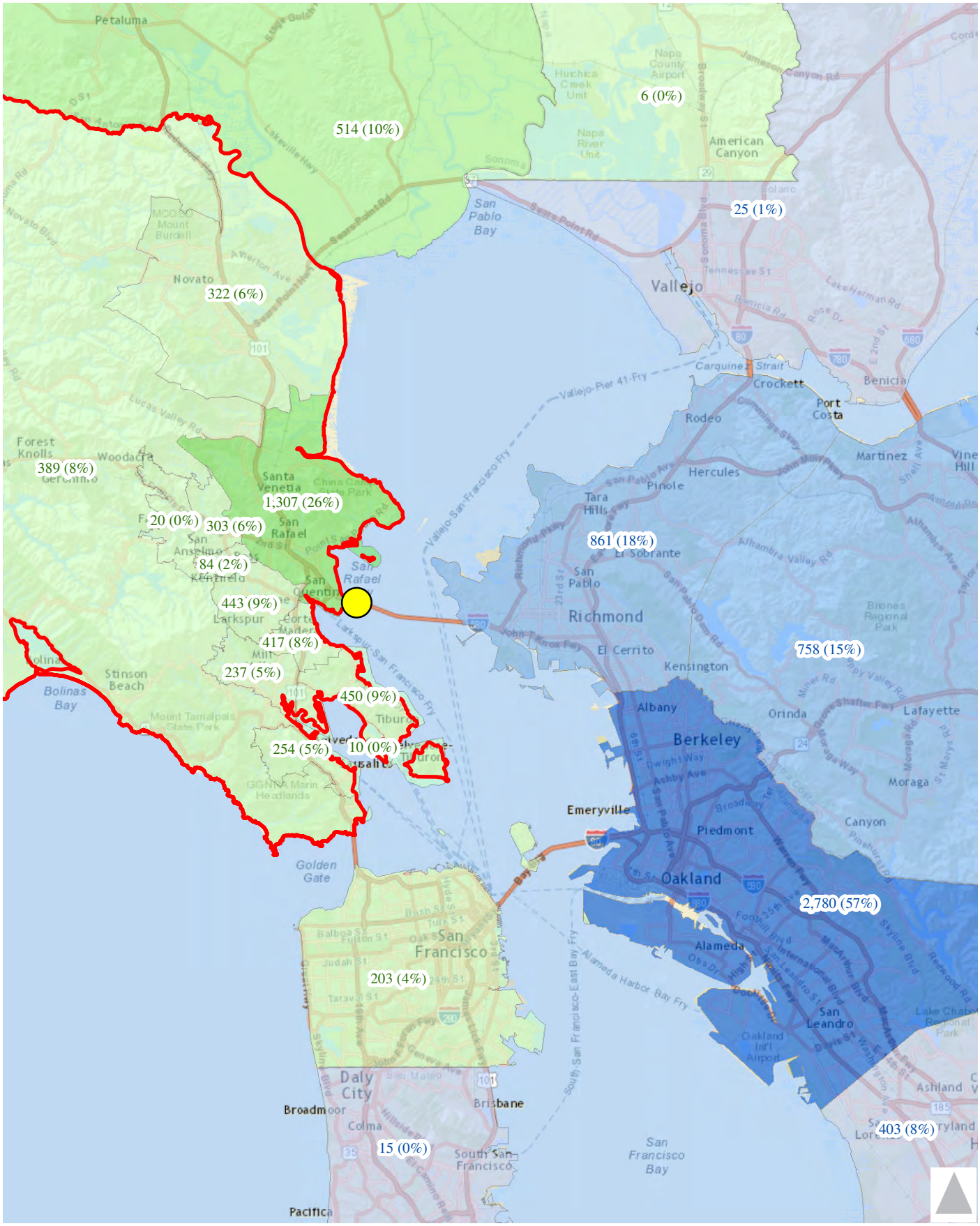
Figure 8



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

SR 37 at the Marin/Sonoma County Line
Westbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

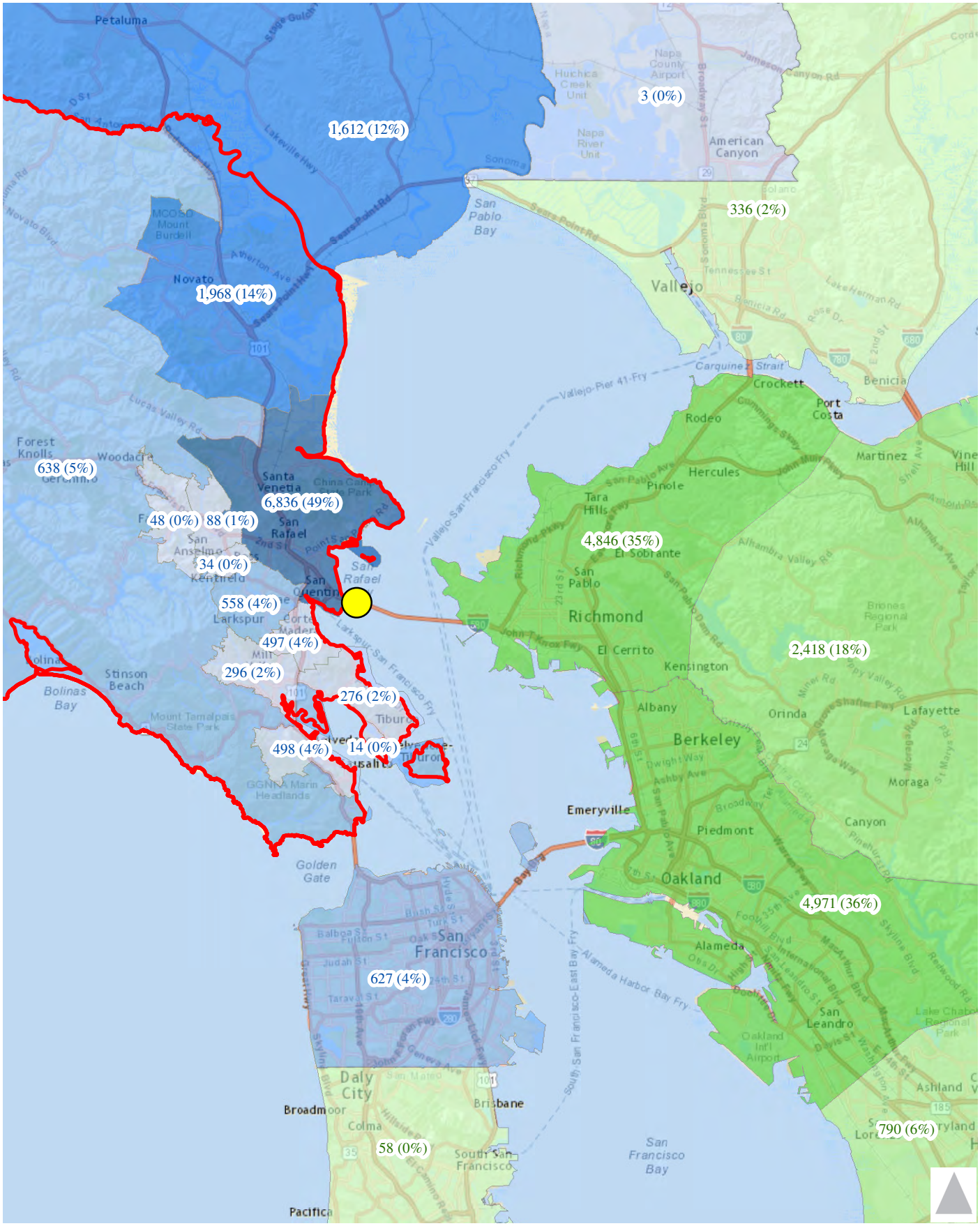
Figure 9



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

I-580 at the Marin/Contra Costa County Line
Eastbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

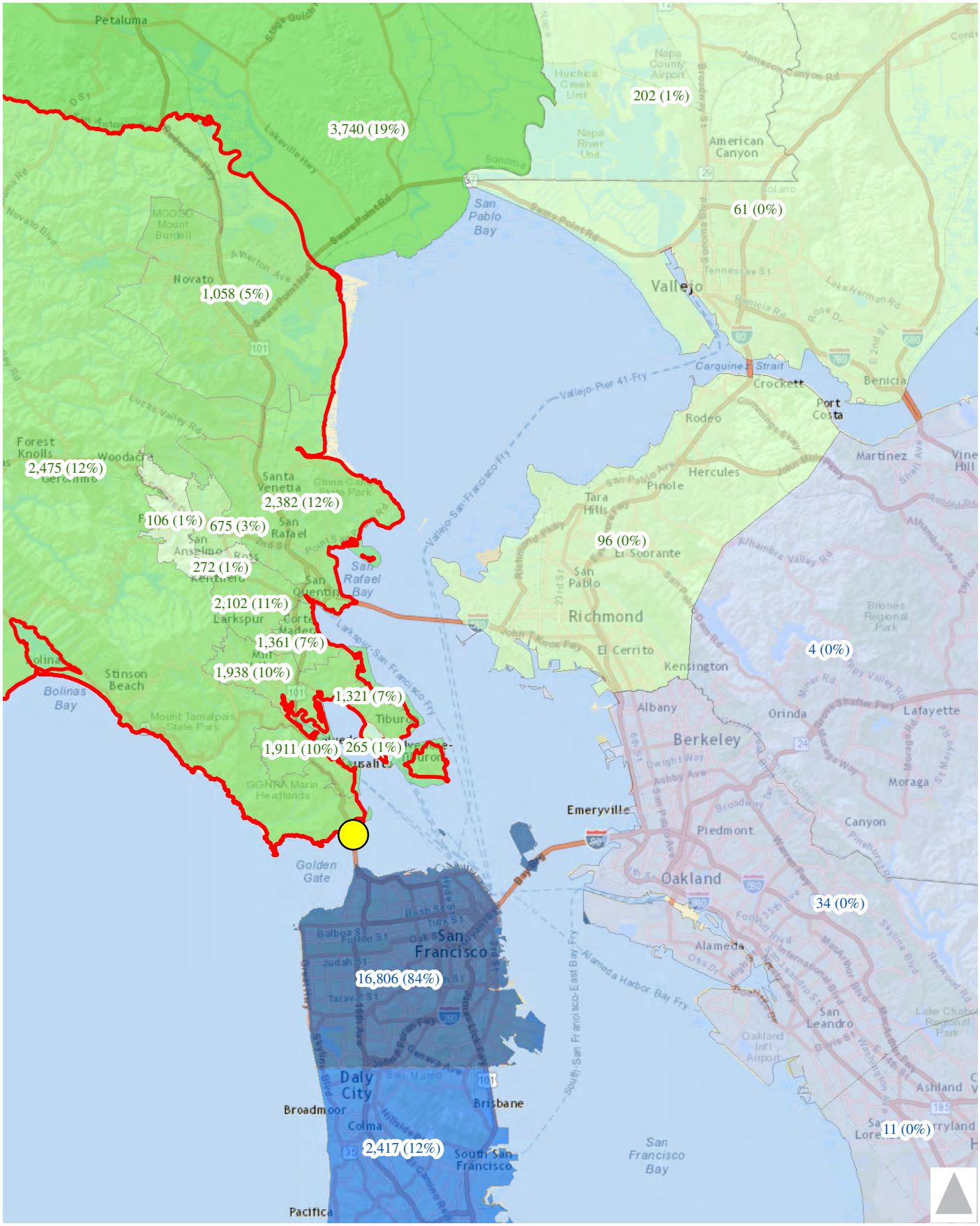
Figure 10



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

I-580 at the Marin/Contra Costa County Line
Westbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

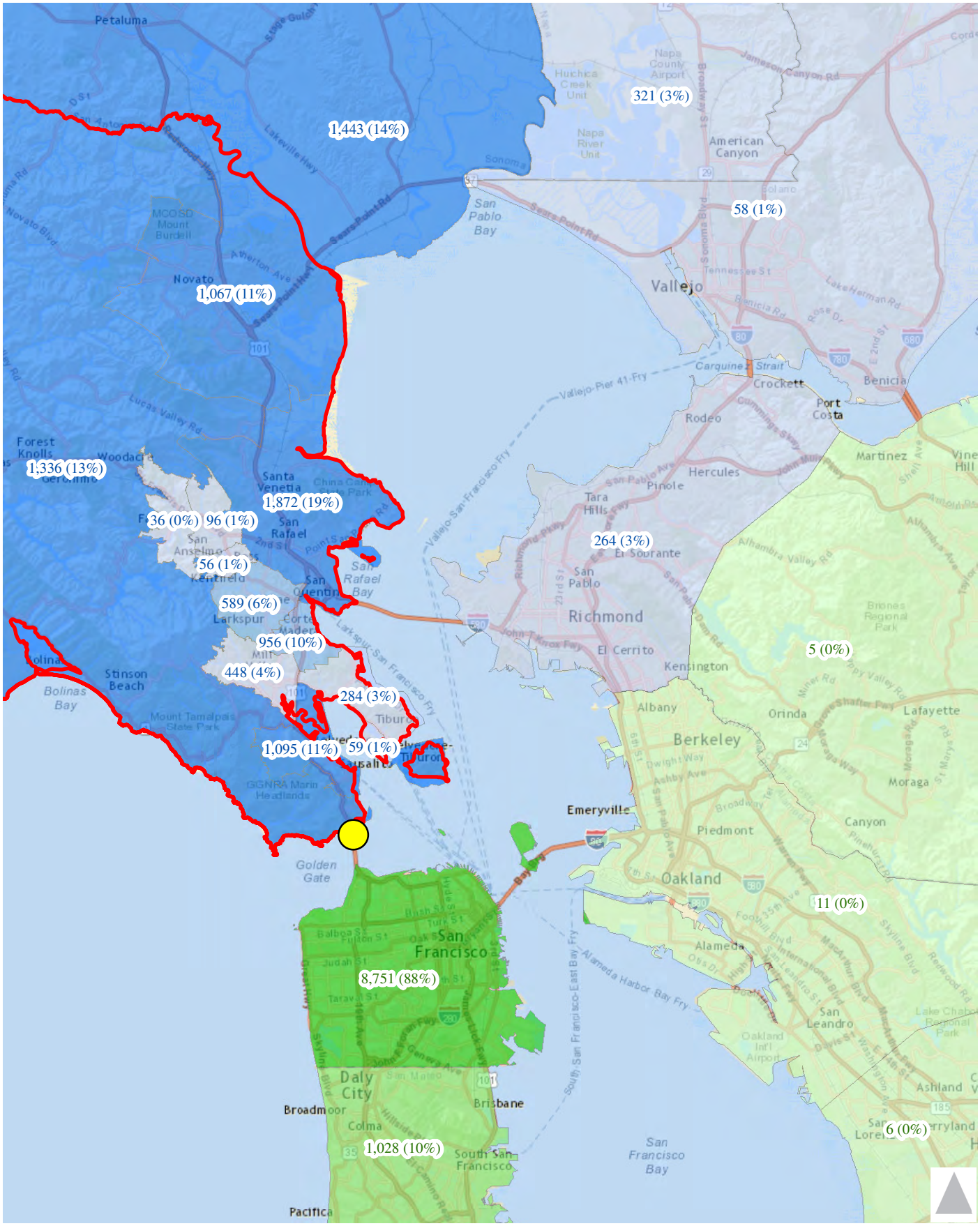
Figure 11



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

U.S. 101 at the Golden Gate Bridge
Southbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

Figure 12



N:\PROJECTS_WC16\WC16-3330.00_TAM_Model_Update\Deliverables\Reports\Origin-Destination Data Collection\Figures\TAM_OD_Report_Figure_6-13_Gateway_Origins_and_Destinations.mxd

U.S. 101 at the Golden Gate Bridge
Northbound AM Peak Period Trip Origins (Green) and Destinations (Blue)

Figure 13

CONCLUSIONS

Below are the key findings and conclusions.

- Traffic count data indicates there is on average 11 percent more traffic in the afternoon peak period than the morning peak period.
- Traffic count data indicates that Marin County imports workers, with 9,000 more vehicles or 27 percent more traffic coming into Marin County in the morning peak period and 3,000 more vehicles or eight percent more traffic leaving Marin County in the afternoon peak period.
- Census data indicates there are approximately 120,000 workers who live in Marin County with approximately 34 percent travelling outside of Marin County for work.
- Census data indicates there are approximately 125,000 workers who work in Marin County with approximately 35 percent living outside of Marin County.
- Factoring of the census data based on the home and work zone data indicates that approximately 70,000 Marin County residents work in Marin County while approximately 34,000 work in San Francisco County.
- Through a comparison of "trips into Marin County" and "trips out of Marin County," mobile device data indicates that in the morning peak period Marin County imports 10,647 trips (and exports 4,990 trips) from Sonoma and other North Bay counties on US 101 and SR 37, exports 15,865 trips (and imports 7,894 trips) to San Francisco County on US 101, and imports 11,750 trips (and exports 4,235 trips) from the East Bay on I-580.
- Mobile device data indicates that approximately 13 percent more total trips occur in the afternoon peak period than the morning peak period, with a majority of those trips being intra-Marin County trips likely representing shopping, recreational, or visitor trips.
- Mobile device data indicates that approximately 72 percent of total trips are intra-Marin County trips, four percent of total trips are passing through Marin County, and 24 percent of total trips are inter-county trips in the AM and PM peak periods.
- Mobile device data indicates that more than twice as many Sonoma County trips pass through Marin County than San Francisco County trips pass through Marin County in the AM peak period.
- Mobile device data indicates that almost twice as many Marin County trips travel to San Francisco County than from San Francisco County to Marin County in the AM peak period.
- Mobile device data indicates that more than twice as many Sonoma County trips travel to Marin County than from Marin County to Sonoma County in the AM peak period.
- Mobile device data indicates that approximately 52 percent of all AM peak period trips into Marin County are coming from Sonoma or San Francisco counties.

- Mobile device data indicates that approximately 67 percent of all AM peak period trips out of Marin County are going to Sonoma or San Francisco counties.
- Mobile device data indicates that the average daily trip length for Marin County trips is 17 percent longer than the average daily trip length for Bay Area trips.
- Mobile device data indicates that 57 percent of Marin County trips are less than five miles in length, while 34 percent of trips are between five and 20 miles in length.

APPENDIX A: ORIGIN-DESTINATION DATA

Appendix A - Origin-Destination Data (Select-Link 1 - US 101 at the Sonoma/Marin County Line)

Non-Summer

Destination

AM	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	18	225	18	704	2,474	752	135	160	7	321	7	527	92	2,962	10	75	2,019	96	50	322	6,489	**10,975**
Napa	2	0	0	0	0	0	11	4	0	1	0	0	0	0	0	1	0	0	3	1	0	1	6	**25**
Solano	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	**34**
West Contra Costa	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**121**
East Contra Costa	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**140**
North Alameda	341	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**341**
San Francisco	891	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**905**
San Mateo	204	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**205**
South Alameda	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**56**
Santa Clara	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**102**
Belvedere	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**11**
Corte Madera	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**132**
Fairfax	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
Larkspur	102	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**103**
Mill Valley	65	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**68**
Novato	1,581	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,585**
Ross	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**42**
San Anselmo	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**51**
San Rafael	741	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**742**
Sausalito	83	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**89**
Tiburon	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**69**
Unincorporated	199	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**200**
Marin	3,080	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3,097**
Total	**4,967**	**32**	**19**	**225**	**18**	**704**	**2,485**	**756**	**135**	**161**	**7**	**321**	**7**	**527**	**92**	**2,966**	**10**	**75**	**2,022**	**97**	**50**	**324**	**6,498**	**16,000**

Origin

	Trips	Percent	
	6,405	40%	Marin County Pass-Through Trips
	6,498	41%	Trips in to Marin County
	3,097	19%	Trips out of Marin County
	0	0%	Intra-County Trips
	16,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	Novato	2,962	1	16
2	Sonoma	San Francisco	2,474	1	7
3	Sonoma	San Rafael	2,019	1	19
4	Novato	Sonoma	1,581	16	1
5	San Francisco	Sonoma	891	7	1

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
10,975	69%	Sonoma	4,967	31%	11	0%	Belvedere	7	0%
25	0%	Napa	32	0%	132	4%	Corte Madera	321	5%
34	0%	Solano	19	0%	5	0%	Fairfax	7	0%
121	1%	West Contra Costa	225	1%	103	3%	Larkspur	527	8%
140	1%	East Contra Costa	18	0%	68	2%	Mill Valley	92	1%
341	2%	North Alameda	704	4%	1,585	51%	Novato	2,966	46%
905	6%	San Francisco	2,485	16%	42	1%	Ross	10	0%
205	1%	San Mateo	756	5%	51	2%	San Anselmo	75	1%
56	0%	South Alameda	135	1%	742	24%	San Rafael	2,022	31%
102	1%	Santa Clara	161	1%	89	3%	Sausalito	97	1%
3,097	19%	Marin	6,498	41%	69	2%	Tiburon	50	1%
					200	6%	Unincorporated	324	5%

4,486	28%	Sonoma County Pass-Through
6,489	41%	Sonoma County to Marin County
3,080	19%	Marin County to Sonoma County
905	6%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Non-Summer

Destination

PM	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	1	19	147	69	559	1,502	301	123	260	13	316	34	199	172	2,299	38	88	1,132	146	97	412	4,945	**7,926**
Napa	1	0	0	0	0	1	26	7	2	1	0	3	0	0	1	6	1	0	10	11	1	4	36	**74**
Solano	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	**11**
West Contra Costa	259	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**259**
East Contra Costa	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**18**
North Alameda	561	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**561**
San Francisco	1,961	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,984**
San Mateo	472	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**478**
South Alameda	107	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**108**
Santa Clara	178	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**179**
Belvedere	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**8**
Corte Madera	430	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**433**
Fairfax	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
Larkspur	327	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**330**
Mill Valley	156	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**158**
Novato	2,927	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**2,935**
Ross	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**20**
San Anselmo	81	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**84**
San Rafael	1,512	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,516**
Sausalito	165	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**171**
Tiburon	64	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**70**
Unincorporated	666	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**673**
Marin	6,362	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**6,404**
Total	**9,927**	**73**	**20**	**147**	**69**	**560**	**1,528**	**308**	**124**	**261**	**13**	**319**	**34**	**199**	**173**	**2,305**	**39**	**88**	**1,142**	**157**	**98**	**416**	**4,983**	**18,000**

Origin

	Trips	Percent	
	6,613	37%	Marin County Pass-Through Trips
	4,983	28%	Trips in to Marin County
	6,404	36%	Trips out of Marin County
	0	0%	Intra-County Trips
	18,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Novato	Sonoma	2,927	16	1
2	Sonoma	Novato	2,299	1	16
3	San Francisco	Sonoma	1,961	7	1
4	San Rafael	Sonoma	1,512	19	1
5	Sonoma	San Francisco	1,502	1	7

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
7,926	44%	Sonoma	9,927	55%	8	0%	Belvedere	13	0%
74	0%	Napa	73	0%	433	7%	Corte Madera	319	6%
11	0%	Solano	20	0%	5	0%	Fairfax	34	1%
259	1%	West Contra Costa	147	1%	330	5%	Larkspur	199	4%
18	0%	East Contra Costa	69	0%	158	2%	Mill Valley	173	3%
561	3%	North Alameda	560	3%	2,935	46%	Novato	2,305	46%
1,984	11%	San Francisco	1,528	8%	20	0%	Ross	39	1%
478	3%	San Mateo	308	2%	84	1%	San Anselmo	88	2%
108	1%	South Alameda	124	1%	1,516	24%	San Rafael	1,142	23%
179	1%	Santa Clara	261	1%	171	3%	Sausalito	157	3%
6,404	36%	Marin	4,983	28%	70	1%	Tiburon	98	2%
					673	11%	Unincorporated	416	8%

2,980	17%	Sonoma County Pass-Through
4,945	27%	Sonoma County to Marin County
6,362	35%	Marin County to Sonoma County
1,984	11%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 1 - US 101 at the Sonoma/Marin County Line)

Directional Trips (based on logic)

Non-Summer

Destination

Northbound AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	2																						0	**2**
Solano	31	0																					0	**31**
West Contra Costa	121	0	0																				0	**121**
East Contra Costa	140	0	0																				0	**140**
North Alameda	341	0	0																				0	**341**
San Francisco	891	15	0																				0	**905**
San Mateo	204	1	0																				0	**205**
South Alameda	56	0	0																				0	**56**
Santa Clara	102	0	0																				0	**102**
Belvedere	11	0	0																				0	**11**
Corte Madera	132	0	0																				0	**132**
Fairfax	5	0	0																				0	**5**
Larkspur	102	1	0																				0	**103**
Mill Valley	65	2	0																				0	**68**
Novato	1,581	4	1																				0	**1,585**
Ross	42	0	0																				0	**42**
San Anselmo	51	0	0																				0	**51**
San Rafael	741	1	0																				0	**742**
Sausalito	83	7	0																				0	**89**
Tiburon	69	0	0																				0	**69**
Unincorporated	199	1	0																				0	**200**
Marin	3,080	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**3,097**
Total	**4,967**	**32**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,000**
																							Count-->	**5,000**

Trips	Percent	
1,903	38%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
3,097	62%	Trips out of Marin County
0	0%	Intra-County Trips
5,000	**100%**	**Total Trips**

Total Origins		County
0	0%	Sonoma
2	0%	Napa
31	1%	Solano
121	2%	West Contra Costa
140	3%	East Contra Costa
341	7%	North Alameda
905	18%	San Francisco
205	4%	San Mateo
56	1%	South Alameda
102	2%	Santa Clara
3,097	62%	Marin
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
3,080	62%	Marin County to Sonoma County
905	18%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Novato	Sonoma	1,581	16	1
2	San Francisco	Sonoma	891	7	1
3	San Rafael	Sonoma	741	19	1
4	North Alameda	Sonoma	341	6	1
5	San Mateo	Sonoma	204	8	1

Total Destinations		Marin Origins		City	Marin Destinations	
4,967	99%	11	0%	Belvedere	0	#DIV/0!
32	1%	132	4%	Corte Madera	0	#DIV/0!
1	0%	5	0%	Fairfax	0	#DIV/0!
0	0%	103	3%	Larkspur	0	#DIV/0!
0	0%	68	2%	Mill Valley	0	#DIV/0!
0	0%	1,585	51%	Novato	0	#DIV/0!
0	0%	42	1%	Ross	0	#DIV/0!
0	0%	51	2%	San Anselmo	0	#DIV/0!
0	0%	742	24%	San Rafael	0	#DIV/0!
0	0%	89	3%	Sausalito	0	#DIV/0!
0	0%	69	2%	Tiburon	0	#DIV/0!
		200	6%	Unincorporated	0	#DIV/0!

Non-Summer

Destination

Southbound AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	18	225	18	704	2,474	752	135	160	7	321	7	527	92	2,962	10	75	2,019	96	50	322	6,489	**10,975**
Napa		0	0	0	0	0	11	4	0	1	0	0	0	0	0	1	0	0	3	1	0	1	6	**23**
Solano			0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	**3**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**0**	**0**	**18**	**225**	**18**	**704**	**2,485**	**756**	**135**	**161**	**7**	**321**	**7**	**527**	**92**	**2,966**	**10**	**75**	**2,022**	**97**	**50**	**324**	**6,498**	**11,000**
																							Count-->	**11,000**

Trips	Percent	
4,502	41%	Marin County Pass-Through Trips
6,498	59%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
11,000	**100%**	**Total Trips**

Total Origins		County
10,975	100%	Sonoma
23	0%	Napa
3	0%	Solano
0	0%	West Contra Costa
0	0%	East Contra Costa
0	0%	North Alameda
0	0%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
0	0%	Marin
4,486	41%	Sonoma County Pass-Through
6,489	59%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	Novato	2,962	1	16
2	Sonoma	San Francisco	2,474	1	7
3	Sonoma	San Rafael	2,019	1	19
4	Sonoma	San Mateo	752	1	8
5	Sonoma	North Alameda	704	1	6

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	0	#DIV/0!	Belvedere	7	0%
0	0%	0	#DIV/0!	Corte Madera	321	5%
18	0%	0	#DIV/0!	Fairfax	7	0%
225	2%	0	#DIV/0!	Larkspur	527	8%
18	0%	0	#DIV/0!	Mill Valley	92	1%
704	6%	0	#DIV/0!	Novato	2,966	46%
2,485	23%	0	#DIV/0!	Ross	10	0%
756	7%	0	#DIV/0!	San Anselmo	75	1%
135	1%	0	#DIV/0!	San Rafael	2,022	31%
161	1%	0	#DIV/0!	Sausalito	97	1%
6,498	59%	0	#DIV/0!	Tiburon	50	1%
		0	#DIV/0!	Unincorporated	324	5%

Appendix A - Origin-Destination Data (Select-Link 1 - US 101 at the Sonoma/Marin County Line)

Non-Summer

Destination

Northbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	9	0																					0	**9**
West Contra Costa	259	0	0																				0	**259**
East Contra Costa	18	0	0																				0	**18**
North Alameda	561	0	0																				0	**561**
San Francisco	1,961	23	0																				0	**1,984**
San Mateo	472	5	0																				0	**478**
South Alameda	107	1	0																				0	**108**
Santa Clara	178	1	0																				0	**179**
Belvedere	8	0	0																				0	**8**
Corte Madera	430	4	0																				0	**433**
Fairfax	5	0	0																				0	**5**
Larkspur	327	2	0																				0	**330**
Mill Valley	156	2	0																				0	**158**
Novato	2,927	8	0																				0	**2,935**
Ross	20	0	0																				0	**20**
San Anselmo	81	2	0																				0	**84**
San Rafael	1,512	4	0																				0	**1,516**
Sausalito	165	6	0																				0	**171**
Tiburon	64	6	0																				0	**70**
Unincorporated	666	6	1																				0	**673**
Marin	6,362	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**6,404**
Total	**9,927**	**72**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10,000**
																							Count-->	**10,000**

Top 5 Movements

#	From	To	Value	Row	Column
1	Novato	Sonoma	2,927	16	1
2	San Francisco	Sonoma	1,961	7	1
3	San Rafael	Sonoma	1,512	19	1
4	Unincorporate	Sonoma	666	22	1
5	North Alameda	Sonoma	561	6	1

Trips	Percent	
3,596	36%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
6,404	64%	Trips out of Marin County
0	0%	Intra-County Trips
10,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	9,927	99%	8	0%	Belvedere	0	#DIV/0!
1	0%	Napa	72	1%	433	7%	Corte Madera	0	#DIV/0!
9	0%	Solano	1	0%	5	0%	Fairfax	0	#DIV/0!
259	3%	West Contra Costa	0	0%	330	5%	Larkspur	0	#DIV/0!
18	0%	East Contra Costa	0	0%	158	2%	Mill Valley	0	#DIV/0!
561	6%	North Alameda	0	0%	2,935	46%	Novato	0	#DIV/0!
1,984	20%	San Francisco	0	0%	20	0%	Ross	0	#DIV/0!
478	5%	San Mateo	0	0%	84	1%	San Anselmo	0	#DIV/0!
108	1%	South Alameda	0	0%	1,516	24%	San Rafael	0	#DIV/0!
179	2%	Santa Clara	0	0%	171	3%	Sausalito	0	#DIV/0!
6,404	64%	Marin	0	0%	70	1%	Tiburon	0	#DIV/0!
					673	11%	Unincorporated	0	#DIV/0!

0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
6,362	64%	Marin County to Sonoma County
1,984	20%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Non-Summer

Destination

Southbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		1	19	147	69	559	1,502	301	123	260	13	316	34	199	172	2,299	38	88	1,132	146	97	412	4,945	**7,926**
Napa			0	0	0	1	26	7	2	1	0	3	0	0	1	6	1	0	10	11	1	4	36	**73**
Solano				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	**2**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**0**	**1**	**19**	**147**	**69**	**560**	**1,528**	**308**	**124**	**261**	**13**	**319**	**34**	**199**	**173**	**2,305**	**39**	**88**	**1,142**	**157**	**98**	**416**	**4,983**	**8,000**
																							Count-->	**8,000**

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	Novato	2,299	1	16
2	Sonoma	San Francisco	1,502	1	7
3	Sonoma	San Rafael	1,132	1	19
4	Sonoma	North Alameda	559	1	6
5	Sonoma	Unincorporated	412	1	22

Trips	Percent	
3,017	38%	Marin County Pass-Through Trips
4,983	62%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
8,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
7,926	99%	Sonoma	0	0%	0	#DIV/0!	Belvedere	13	0%
73	1%	Napa	1	0%	0	#DIV/0!	Corte Madera	319	6%
2	0%	Solano	19	0%	0	#DIV/0!	Fairfax	34	1%
0	0%	West Contra Costa	147	2%	0	#DIV/0!	Larkspur	199	4%
0	0%	East Contra Costa	69	1%	0	#DIV/0!	Mill Valley	173	3%
0	0%	North Alameda	560	7%	0	#DIV/0!	Novato	2,305	46%
0	0%	San Francisco	1,528	19%	0	#DIV/0!	Ross	39	1%
0	0%	San Mateo	308	4%	0	#DIV/0!	San Anselmo	88	2%
0	0%	South Alameda	124	2%	0	#DIV/0!	San Rafael	1,142	23%
0	0%	Santa Clara	261	3%	0	#DIV/0!	Sausalito	157	3%
0	0%	Marin	4,983	62%	0	#DIV/0!	Tiburon	98	2%
					0	#DIV/0!	Unincorporated	416	8%

2,980	37%	Sonoma County Pass-Through
4,945	62%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 2 - US 101 North of San Rafael)

Non-Summer

AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	227	21	924	3,411	968	120	176	2	480	6	618	110	0	10	57	2,279	113	46	165	3,885	**9,733**
Napa	1	0	0	1	0	3	549	134	1	16	0	28	2	120	70	0	2	3	261	17	5	24	535	**1,240**
Solano	1	0	0	0	0	0	105	2	0	0	1	17	10	10	16	0	0	6	358	9	30	26	482	**591**
West Contra Costa	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	206	0	0	0	0	0	0	206	**361**
East Contra Costa	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204	0	0	0	0	0	0	204	**274**
North Alameda	464	0	0	0	0	0	0	0	0	0	0	0	0	0	0	474	0	0	0	0	0	0	474	**938**
San Francisco	1,152	409	63	0	0	0	0	0	0	0	0	0	0	0	0	1,496	0	0	0	0	0	0	1,496	**3,120**
San Mateo	314	16	8	0	0	0	0	0	0	0	0	0	0	0	0	236	0	0	0	0	0	0	236	**574**
South Alameda	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	0	79	**151**
Santa Clara	163	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0	66	**230**
Belvedere	23	3	1	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	**36**
Corte Madera	257	17	55	0	0	0	0	0	0	0	0	0	0	0	0	152	0	0	0	0	0	0	152	**481**
Fairfax	6	1	11	0	0	0	0	0	0	0	0	0	0	0	0	143	0	0	0	0	0	0	143	**161**
Larkspur	186	58	17	0	0	0	0	0	0	0	0	0	0	0	0	382	0	0	0	0	0	0	382	**643**
Mill Valley	116	77	13	0	0	0	0	0	0	0	0	0	0	0	0	189	0	0	0	0	0	0	189	**396**
Novato	0	0	0	57	37	668	2,958	528	35	278	3	590	22	858	282	0	18	161	6,225	226	33	458	8,877	**13,438**
Ross	56	2	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	24	**82**
San Anselmo	78	13	13	0	0	0	0	0	0	0	0	0	0	0	0	239	0	0	0	0	0	0	239	**343**
San Rafael	1,008	113	179	0	0	0	0	0	0	0	0	0	0	0	0	2,501	0	0	0	0	0	0	2,501	**3,801**
Sausalito	155	46	17	0	0	0	0	0	0	0	0	0	0	0	0	119	0	0	0	0	0	0	119	**337**
Tiburon	111	22	19	0	0	0	0	0	0	0	0	0	0	0	0	230	0	0	0	0	0	0	230	**382**
Unincorporated	181	37	63	0	0	0	0	0	0	0	0	0	0	0	0	407	0	0	0	0	0	0	407	**689**
Marin	2,177	388	389	57	37	668	2,958	528	35	278	3	590	22	858	282	4,396	18	161	6,225	226	33	458	13,273	**20,788**
Total	**4,569**	**813**	**461**	**285**	**58**	**1,595**	**7,024**	**1,632**	**156**	**471**	**7**	**1,116**	**40**	**1,607**	**478**	**7,157**	**30**	**228**	**9,123**	**364**	**113**	**673**	**20,936**	**38,000**

Trips	Percent	
9,548	25%	Marin County Pass-Through Trips
7,663	20%	Trips in to Marin County
7,516	20%	Trips out of Marin County
13,273	35%	Intra-County Trips
38,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Novato	San Rafael	6,225	16	19
2	Sonoma	San Francisco	3,411	1	7
3	Novato	San Francisco	2,958	16	7
4	San Rafael	Novato	2,501	19	16
5	Sonoma	San Rafael	2,279	1	19

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
9,733	26%	Sonoma	4,569	12%	36	0%	Belvedere	7	0%
1,240	3%	Napa	813	2%	481	2%	Corte Madera	1,116	5%
591	2%	Solano	461	1%	161	1%	Fairfax	40	0%
361	1%	West Contra Costa	285	1%	643	3%	Larkspur	1,607	8%
274	1%	East Contra Costa	58	0%	396	2%	Mill Valley	478	2%
938	2%	North Alameda	1,595	4%	13,438	65%	Novato	7,157	34%
3,120	8%	San Francisco	7,024	18%	82	0%	Ross	30	0%
574	2%	San Mateo	1,632	4%	343	2%	San Anselmo	228	1%
151	0%	South Alameda	156	0%	3,801	18%	San Rafael	9,123	44%
230	1%	Santa Clara	471	1%	337	2%	Sausalito	364	2%
20,788	55%	Marin	20,936	55%	382	2%	Tiburon	113	1%
					689	3%	Unincorporated	673	3%

5,848	15%	Sonoma County Pass-Through
3,885	10%	Sonoma County to Marin County
2,177	6%	Marin County to Sonoma County
1,624	4%	San Francisco County Pass-Through
1,496	4%	San Francisco County to Marin County
2,958	8%	Marin County to San Francisco County

Non-Summer

PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	1	4	162	54	650	2,079	426	134	273	29	503	41	264	240	0	51	98	1,459	237	146	325	3,393	**7,178**
Napa	2	0	0	0	1	4	625	71	3	9	3	76	8	72	72	0	6	14	241	66	29	72	658	**1,373**
Solano	0	0	0	0	0	1	152	7	0	0	2	51	3	44	37	0	2	32	124	24	19	37	376	**536**
West Contra Costa	298	0	1	0	0	0	0	0	0	0	0	0	0	0	0	123	0	0	0	0	0	0	123	**423**
East Contra Costa	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	48	**60**
North Alameda	788	2	0	0	0	0	0	0	0	0	0	0	0	0	0	643	0	0	0	0	0	0	643	**1,433**
San Francisco	2,732	355	73	0	0	0	0	0	0	0	0	0	0	0	0	2,568	0	0	0	0	0	0	2,568	**5,727**
San Mateo	612	84	6	0	0	0	0	0	0	0	0	0	0	0	0	365	0	0	0	0	0	0	365	**1,066**
South Alameda	117	1	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0	0	0	0	0	0	41	**159**
Santa Clara	203	17	0	0	0	0	0	0	0	0	0	0	0	0	0	172	0	0	0	0	0	0	172	**392**
Belvedere	8	9	1	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	14	**33**
Corte Madera	744	102	31	0	0	0	0	0	0	0	0	0	0	0	0	1,112	0	0	0	0	0	0	1,112	**1,988**
Fairfax	6	5	6	0	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	55	**72**
Larkspur	426	135	23	0	0	0	0	0	0	0	0	0	0	0	0	712	0	0	0	0	0	0	712	**1,297**
Mill Valley	215	80	13	0	0	0	0	0	0	0	0	0	0	0	0	462	0	0	0	0	0	0	462	**769**
Novato	0	0	0	252	201	602	1,721	306	63	85	15	657	125	754	474	0	83	424	5,117	242	208	586	8,685	**11,915**
Ross	22	5	2	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	39	**68**
San Anselmo	91	14	2	0	0	0	0	0	0	0	0	0	0	0	0	255	0	0	0	0	0	0	255	**363**
San Rafael	2,303	207	168	0	0	0	0	0	0	0	0	0	0	0	0	7,714	0	0	0	0	0	0	7,714	**10,392**
Sausalito	252	48	9	0	0	0	0	0	0	0	0	0	0	0	0	252	0	0	0	0	0	0	252	**561**
Tiburon	92	30	28	0	0	0	0	0	0	0	0	0	0	0	0	224	0	0	0	0	0	0	224	**374**
Unincorporated	299	68	39	0	0	0	0	0	0	0	0	0	0	0	0	414	0	0	0	0	0	0	414	**821**
Marin	4,458	704	323	252	201	602	1,721	306	63	85	15	657	125	754	474	11,254	83	424	5,117	242	208	586	19,938	**28,653**
Total	**9,223**	**1,163**	**407**	**414**	**256**	**1,258**	**4,578**	**810**	**200**	**367**	**49**	**1,288**	**177**	**1,134**	**823**	**15,213**	**141**	**568**	**6,942**	**570**	**402**	**1,019**	**28,824**	**47,000**

Trips	Percent	
9,962	21%	Marin County Pass-Through Trips
8,386	18%	Trips in to Marin County
8,714	19%	Trips out of Marin County
19,938	42%	Intra-County Trips
47,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	Novato	7,714	19	16
2	Novato	San Rafael	5,117	16	19
3	San Francisco	Sonoma	2,732	7	1
4	San Francisco	Novato	2,568	7	16
5	San Rafael	Sonoma	2,303	19	1

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
7,178	15%	Sonoma	9,223	20%	33	0%	Belvedere	49	0%
1,373	3%	Napa	1,163	2%	1,988	7%	Corte Madera	1,288	5%
536	1%	Solano	407	1%	72	0%	Fairfax	177	1%
423	1%	West Contra Costa	414	1%	1,297	5%	Larkspur	1,134	4%
60	0%	East Contra Costa	256	1%	769	3%	Mill Valley	823	3%
1,433	3%	North Alameda	1,258	3%	11,915	42%	Novato	15,213	54%
5,727	12%	San Francisco	4,578	10%	68	0%	Ross	141	0%
1,066	2%	San Mateo	810	2%	363	1%	San Anselmo	568	2%
159	0%	South Alameda	200	0%	10,392	36%	San Rafael	6,942	25%
392	1%	Santa Clara	367	1%	561	2%	Sausalito	570	2%
28,653	61%	Marin	28,324	60%	374	1%	Tiburon	402	1%
					821	3%	Unincorporated	1,019	4%

3,785	8%	Sonoma County Pass-Through
3,393	7%	Sonoma County to Marin County
4,458	9%	Marin County to Sonoma County
3,159	7%	San Francisco County Pass-Through
2,568	5%	San Francisco County to Marin County
1,721	4%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 2 - US 101 North of San Rafael)

Directional Trips (based on logic)

Non-Summer

Northbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total	
Sonoma																							0	**0**	
Napa	1																						0	**1**	
Solano	1	0																					0	**1**	
West Contra Costa	155	0	0													206							206	**361**	
East Contra Costa	71	0	0													204							204	**274**	
North Alameda	464	0	0													474							474	**938**	
San Francisco	1,152	409	63													1,496							1,496	**3,120**	
San Mateo	314	16	8													236							236	**574**	
South Alameda	71	0	0													79							79	**151**	
Santa Clara	163	1	0													66							66	**230**	
Belvedere	23	3	1													10							10	**36**	
Corte Madera	257	17	55													152							152	**481**	
Fairfax	6	1	11													143							143	**161**	
Larkspur	186	58	17													382							382	**643**	
Mill Valley	116	77	13													189							189	**396**	
Novato																							0	**0**	
Ross	56	2	0													24							24	**82**	
San Anselmo	78	13	13													239							239	**343**	
San Rafael	1,008	113	179													2,501							2,501	**3,801**	
Sausalito	155	46	17													119							119	**337**	
Tiburon	111	22	19													230							230	**382**	
Unincorporated	181	37	63													407							407	**689**	
Marin	2,177	388	389	0	0	0	0	0	0	0	0	0	0	0	0	4,396	0	0	0	0	0	0	4,396	**7,351**	
Total	**4,569**	**813**	**461**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7,157**	**0**	**0**	**0**	**0**	**0**	**0**	**7,157**	**13,000**	
																							Count-->	**13,000**	

Trips	Percent	
2,888	22%	Marin County Pass-Through Trips
2,761	21%	Trips in to Marin County
2,955	23%	Trips out of Marin County
4,396	34%	Intra-County Trips
13,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	Novato	2,501	19	16
2	San Francisco	Novato	1,496	7	16
3	San Francisco	Sonoma	1,152	7	1
4	San Rafael	Sonoma	1,008	19	1
5	North Alameda	Novato	474	6	16

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	4,569	35%	36	0%	Belvedere	0	0%
1	0%	Napa	813	6%	481	7%	Corte Madera	0	0%
1	0%	Solano	461	4%	161	2%	Fairfax	0	0%
361	3%	West Contra Costa	0	0%	643	9%	Larkspur	0	0%
274	2%	East Contra Costa	0	0%	396	5%	Mill Valley	0	0%
938	7%	North Alameda	0	0%	0	0%	Novato	7,157	100%
3,120	24%	San Francisco	0	0%	82	1%	Ross	0	0%
574	4%	San Mateo	0	0%	343	5%	San Anselmo	0	0%
151	1%	South Alameda	0	0%	3,801	52%	San Rafael	0	0%
230	2%	Santa Clara	0	0%	337	5%	Sausalito	0	0%
7,351	57%	Marin	7,157	55%	382	5%	Tiburon	0	0%
					689	9%	Unincorporated	0	0%
0	0%	Sonoma County Pass-Through							
0	0%	Sonoma County to Marin County							
2,177	17%	Marin County to Sonoma County							
1,624	12%	San Francisco County Pass-Through							
1,496	12%	San Francisco County to Marin County							
0	0%	Marin County to San Francisco County							

Non-Summer

Southbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total	
Sonoma		0	0	227	21	924	3,411	968	120	176	2	480	6	618	110		10	57	2,279	113	46	165	3,885	**9,733**	
Napa			0	1	0	3	549	134	1	16	0	28	2	120	70		2	3	261	17	5	24	535	**1,239**	
Solano				0	0	0	105	2	0	0	1	17	10	10	16		0	6	358	9	30	26	482	**590**	
West Contra Costa																							0	**0**	
East Contra Costa																							0	**0**	
North Alameda																							0	**0**	
San Francisco																							0	**0**	
San Mateo																							0	**0**	
South Alameda																							0	**0**	
Santa Clara																							0	**0**	
Belvedere																							0	**0**	
Corte Madera																							0	**0**	
Fairfax																							0	**0**	
Larkspur																							0	**0**	
Mill Valley																							0	**0**	
Novato				57	37	668	2,958	528	35	278	3	590	22	858	282		18	161	6,225	226	33	458	8,877	**13,438**	
Ross																							0	**0**	
San Anselmo																							0	**0**	
San Rafael																							0	**0**	
Sausalito																							0	**0**	
Tiburon																							0	**0**	
Unincorporated																							0	**0**	
Marin	0	0	0	57	37	668	2,958	528	35	278	3	590	22	858	282	0	18	161	6,225	226	33	458	8,877	**13,438**	
Total	**0**	**0**	**0**	**285**	**58**	**1,595**	**7,024**	**1,632**	**156**	**471**	**7**	**1,116**	**40**	**1,607**	**478**	**0**	**30**	**228**	**9,123**	**364**	**113**	**673**	**13,779**	**25,000**	
																							Count-->	**25,000**	

Trips	Percent	
6,660	27%	Marin County Pass-Through Trips
4,902	20%	Trips in to Marin County
4,561	18%	Trips out of Marin County
8,877	36%	Intra-County Trips
25,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Novato	San Rafael	6,225	16	19
2	Sonoma	San Francisco	3,411	1	7
3	Novato	San Francisco	2,958	16	7
4	Sonoma	San Rafael	2,279	1	19
5	Sonoma	San Mateo	968	1	8

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
9,733	39%	Sonoma	0	0%	0	0%	Belvedere	7	0%
1,239	5%	Napa	0	0%	0	0%	Corte Madera	1,116	8%
590	2%	Solano	0	0%	0	0%	Fairfax	40	0%
0	0%	West Contra Costa	285	1%	0	0%	Larkspur	1,607	12%
0	0%	East Contra Costa	58	0%	0	0%	Mill Valley	478	3%
0	0%	North Alameda	1,595	6%	13,438	100%	Novato	0	0%
0	0%	San Francisco	7,024	28%	0	0%	Ross	30	0%
0	0%	San Mateo	1,632	7%	0	0%	San Anselmo	228	2%
0	0%	South Alameda	156	1%	0	0%	San Rafael	9,123	66%
0	0%	Santa Clara	471	2%	0	0%	Sausalito	364	3%
13,438	54%	Marin	13,779	55%	0	0%	Tiburon	113	1%
					0	0%	Unincorporated	673	5%
5,848	23%	Sonoma County Pass-Through							
3,885	16%	Sonoma County to Marin County							
0	0%	Marin County to Sonoma County							
0	0%	San Francisco County Pass-Through							
0	0%	San Francisco County to Marin County							
2,958	12%	Marin County to San Francisco County							

Appendix A - Origin-Destination Data (Select-Link 2 - US 101 North of San Rafael)

Non-Summer

Northbound PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	2																						0	**2**
Solano	0	0																					0	**0**
West Contra Costa	298	0	1													123							123	**423**
East Contra Costa	12	0	0													48							48	**60**
North Alameda	788	2	0													643							643	**1,433**
San Francisco	2,732	355	73													2,568							2,568	**5,727**
San Mateo	612	84	6													365							365	**1,066**
South Alameda	117	1	0													41							41	**159**
Santa Clara	203	17	0													172							172	**392**
Belvedere	8	9	1													14							14	**33**
Corte Madera	744	102	31													1,112							1,112	**1,988**
Fairfax	6	5	6													55							55	**72**
Larkspur	426	135	23													712							712	**1,297**
Mill Valley	215	80	13													462							462	**769**
Novato																							0	**0**
Ross	22	5	2													39							39	**68**
San Anselmo	91	14	2													255							255	**363**
San Rafael	2,303	207	168													7,714							7,714	**10,392**
Sausalito	252	48	9													252							252	**561**
Tiburon	92	30	28													224							224	**374**
Unincorporated	299	68	39													414							414	**821**
Marin	4,458	704	323	0	0	0	0	0	0	0	0	0	0	0	0	11,254	0	0	0	0	0	0	11,254	**16,738**
Total	**9,223**	**1,162**	**403**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15,213**	**0**	**0**	**0**	**0**	**0**	**0**	**15,213**	**26,001**
																							Count-->	**26,000**

Top 5 Movements

	Trips	Percent	
	5,304	20%	Marin County Pass-Through Trips
	3,959	15%	Trips in to Marin County
	5,484	21%	Trips out of Marin County
	11,254	43%	Intra-County Trips
	26,001	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	San Rafael	Novato	7,714	19	16
2	San Francisco	Sonoma	2,732	7	1
3	San Francisco	Novato	2,568	7	16
4	San Rafael	Sonoma	2,303	19	1
5	Corte Madera	Novato	1,112	12	16

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	9,223	35%	33	0%	Belvedere	0	0%
2	0%	Napa	1,162	4%	1,988	12%	Corte Madera	0	0%
0	0%	Solano	403	2%	72	0%	Fairfax	0	0%
423	2%	West Contra Costa	0	0%	1,297	8%	Larkspur	0	0%
60	0%	East Contra Costa	0	0%	769	5%	Mill Valley	0	0%
1,433	6%	North Alameda	0	0%	0	0%	Novato	15,213	100%
5,727	22%	San Francisco	0	0%	68	0%	Ross	0	0%
1,066	4%	San Mateo	0	0%	363	2%	San Anselmo	0	0%
159	1%	South Alameda	0	0%	10,392	62%	San Rafael	0	0%
392	2%	Santa Clara	0	0%	561	3%	Sausalito	0	0%
16,738	64%	Marin	15,213	59%	374	2%	Tiburon	0	0%
					821	5%	Unincorporated	0	0%

0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
4,458	17%	Marin County to Sonoma County
3,159	12%	San Francisco County Pass-Through
2,568	10%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Non-Summer

Southbound PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		1	4	162	54	650	2,079	426	134	273	29	503	41	264	240		51	98	1,459	237	146	325	3,393	**7,178**
Napa			0	0	1	4	625	71	3	9	3	76	8	72	72		6	14	241	66	29	72	658	**1,371**
Solano				0	0	1	152	7	0	0	2	51	3	44	37		2	32	124	24	19	37	376	**536**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato				252	201	602	1,721	306	63	85	15	657	125	754	474		83	424	5,117	242	208	586	8,685	**11,915**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	252	201	602	1,721	306	63	85	15	657	125	754	474	0	83	424	5,117	242	208	586	8,685	**11,915**
Total	**0**	**1**	**4**	**414**	**256**	**1,258**	**4,578**	**810**	**200**	**367**	**49**	**1,288**	**177**	**1,134**	**823**	**0**	**141**	**568**	**6,942**	**570**	**402**	**1,019**	**13,112**	**21,000**
																							Count-->	**21,000**

Top 5 Movements

	Trips	Percent	
	4,658	22%	Marin County Pass-Through Trips
	4,427	21%	Trips in to Marin County
	3,230	15%	Trips out of Marin County
	8,685	41%	Intra-County Trips
	21,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	Novato	San Rafael	5,117	16	19
2	Sonoma	San Francisco	2,079	1	7
3	Novato	San Francisco	1,721	16	7
4	Sonoma	San Rafael	1,459	1	19
5	Novato	Larkspur	754	16	14

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
7,178	34%	Sonoma	0	0%	0	0%	Belvedere	49	0%
1,371	7%	Napa	1	0%	0	0%	Corte Madera	1,288	10%
536	3%	Solano	4	0%	0	0%	Fairfax	177	1%
0	0%	West Contra Costa	414	2%	0	0%	Larkspur	1,134	9%
0	0%	East Contra Costa	256	1%	0	0%	Mill Valley	823	6%
0	0%	North Alameda	1,258	6%	11,915	100%	Novato	0	0%
0	0%	San Francisco	4,578	22%	0	0%	Ross	141	1%
0	0%	San Mateo	810	4%	0	0%	San Anselmo	568	4%
0	0%	South Alameda	200	1%	0	0%	San Rafael	6,942	53%
0	0%	Santa Clara	367	2%	0	0%	Sausalito	570	4%
11,915	57%	Marin	13,112	62%	0	0%	Tiburon	402	3%
					0	0%	Unincorporated	1,019	8%

3,785	18%	Sonoma County Pass-Through
3,393	16%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
1,721	8%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 3 - US 101 in Downtown San Rafael)

Non-Summer

Destination

AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	220	21	746	3,411	855	120	183	2	464	1	618	106	0	6	1	613	112	43	116	2,083	**7,641**
Napa	1	0	0	1	0	1	546	138	1	16	0	25	0	119	61	0	0	0	108	19	5	19	356	**1,061**
Solano	1	0	0	0	0	0	105	1	0	0	1	16	0	10	16	0	0	0	83	9	30	9	174	**281**
West Contra Costa	184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	246	0	0	445	0	0	0	690	**874**
East Contra Costa	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242	0	0	269	0	0	0	511	**598**
North Alameda	579	0	0	0	0	0	0	0	0	0	0	0	0	0	0	574	0	0	273	0	0	0	847	**1,426**
San Francisco	1,152	494	75	0	0	0	0	0	0	0	0	0	0	0	0	1,890	0	1	855	0	0	0	2,746	**4,467**
San Mateo	386	20	7	0	0	0	0	0	0	0	0	0	0	0	0	284	0	0	72	0	0	0	355	**768**
South Alameda	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	0	1	41	0	0	0	131	**218**
Santa Clara	198	2	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	29	0	0	0	109	**309**
Belvedere	29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	38	0	0	0	50	**81**
Corte Madera	319	21	62	0	0	0	0	0	0	0	0	0	0	0	0	184	0	6	683	0	0	0	873	**1,274**
Fairfax	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0	0	5	**6**
Larkspur	213	67	17	0	0	0	0	0	0	0	0	0	1	0	0	442	0	0	863	0	0	0	1,307	**1,604**
Mill Valley	145	93	16	0	0	0	0	0	0	0	0	0	0	0	0	239	0	19	531	0	0	0	788	**1,042**
Novato	0	0	0	52	35	821	1,950	680	30	282	3	572	0	837	267	0	6	2	2,603	225	34	104	4,653	**8,503**
Ross	36	2	0	0	0	0	1	0	0	0	0	32	0	5	0	5	2	0	27	0	0	0	72	**111**
San Anselmo	2	0	0	2	0	1	1	0	0	0	0	1	0	0	0	0	0	0	35	1	1	0	39	**46**
San Rafael	250	17	53	149	164	488	2,066	405	49	79	45	777	7	1,351	272	383	24	4	6,487	240	121	249	9,960	**13,680**
Sausalito	180	60	21	0	0	0	0	0	0	0	0	0	0	0	0	153	0	0	486	0	0	0	639	**901**
Tiburon	135	31	23	0	0	0	0	0	0	0	0	0	0	0	0	280	0	0	481	0	0	0	760	**949**
Unincorporated	185	45	36	0	0	0	0	0	0	0	0	0	1	0	0	247	0	1	648	0	0	0	897	**1,162**
Marin	1,493	338	227	204	200	1,310	4,018	1,085	79	361	49	1,384	9	2,194	539	1,945	32	32	12,884	466	156	352	20,042	**29,357**
Total	**4,169**	**854**	**309**	**426**	**221**	**2,058**	**8,080**	**2,079**	**200**	**561**	**52**	**1,889**	**10**	**2,940**	**723**	**5,349**	**39**	**35**	**15,670**	**605**	**234**	**496**	**28,043**	**47,000**

Trips	Percent	
9,642	21%	Marin County Pass-Through Trips
8,001	17%	Trips in to Marin County
9,315	20%	Trips out of Marin County
20,042	43%	Intra-County Trips
47,000	**100%**	**Total Trips**

Total Origins	Percent	County
7,641	16%	Sonoma
1,061	2%	Napa
281	1%	Solano
874	2%	West Contra Costa
598	1%	East Contra Costa
1,426	3%	North Alameda
4,467	10%	San Francisco
768	2%	San Mateo
218	0%	South Alameda
309	1%	Santa Clara
29,357	62%	Marin

5,558	12% Sonoma County Pass-Through
2,083	4% Sonoma County to Marin County
1,493	3% Marin County to Sonoma County
1,721	4% San Francisco County Pass-Through
2,746	6% San Francisco County to Marin County
4,018	9% Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	6,487	19	19
2	Sonoma	San Francisco	3,411	1	7
3	Novato	San Rafael	2,603	16	19
4	San Rafael	San Francisco	2,066	19	7
5	Novato	San Francisco	1,950	16	7

Total Destinations	Percent
4,169	9%
854	2%
309	1%
426	1%
221	0%
2,058	4%
8,080	17%
2,079	4%
200	0%
561	1%
28,043	60%

Marin Origins	Percent	City	Marin Destinations	Percent
81	0%	Belvedere	52	0%
1,274	4%	Corte Madera	1,889	7%
6	0%	Fairfax	10	0%
1,604	5%	Larkspur	2,940	10%
1,042	4%	Mill Valley	723	3%
8,503	29%	Novato	5,349	19%
111	0%	Ross	39	0%
46	0%	San Anselmo	35	0%
13,680	47%	San Rafael	15,670	56%
901	3%	Sausalito	605	2%
949	3%	Tiburon	234	1%
1,162	4%	Unincorporated	496	2%

Non-Summer

Destination

PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	2	2	167	58	529	2,079	310	140	291	32	531	0	266	254	0	25	3	374	243	152	279	2,158	**5,735**
Napa	1	0	0	0	1	4	670	73	3	9	3	78	2	59	77	0	4	2	60	68	31	66	450	**1,213**
Solano	0	0	0	0	0	0	163	7	0	0	2	54	0	43	40	0	1	0	22	27	20	32	240	**410**
West Contra Costa	303	0	1	0	0	0	0	0	0	0	0	0	0	0	0	118	0	1	207	0	0	0	327	**631**
East Contra Costa	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	0	138	0	0	0	186	**199**
North Alameda	811	2	0	0	0	0	0	0	0	0	0	0	0	0	0	655	0	4	333	0	0	0	992	**1,805**
San Francisco	2,732	387	83	0	0	0	0	0	0	0	0	0	1	0	0	2,702	0	6	2,515	0	0	0	5,224	**8,425**
San Mateo	626	80	6	0	0	0	0	0	0	0	0	0	0	0	0	388	0	1	260	0	0	0	649	**1,361**
South Alameda	117	1	0	0	0	0	0	0	0	0	0	0	0	0	0	49	0	0	37	0	0	0	86	**205**
Santa Clara	217	16	0	0	0	0	0	0	0	0	0	0	0	0	0	185	0	0	60	0	0	0	245	**478**
Belvedere	9	10	1	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	41	0	0	0	56	**77**
Corte Madera	754	105	32	0	0	0	0	0	0	0	0	0	0	0	0	1,111	0	4	1,626	0	0	0	2,740	**3,631**
Fairfax	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	1	0	2	12	0	0	1	22	**22**
Larkspur	403	128	23	0	0	0	0	0	0	0	0	0	0	0	0	686	0	1	1,071	0	0	0	1,759	**2,312**
Mill Valley	218	85	14	0	0	0	0	0	0	0	0	0	0	0	0	470	0	0	541	0	0	0	1,011	**1,328**
Novato	0	0	0	257	218	770	1,812	477	67	90	14	692	0	784	501	0	39	14	753	247	217	403	3,664	**7,355**
Ross	15	1	1	0	0	0	1	0	0	0	0	2	0	2	0	4	0	0	52	0	0	0	60	**78**
San Anselmo	6	0	0	0	0	0	0	0	0	0	0	2	0	0	0	9	0	0	23	0	0	0	35	**40**
San Rafael	558	67	36	374	201	391	1,182	110	50	73	65	1,317	16	1,116	572	1,649	67	29	7,590	437	337	577	13,771	**16,812**
Sausalito	249	49	10	0	0	0	0	0	0	0	0	0	1	0	0	251	0	1	497	0	0	0	750	**1,058**
Tiburon	92	25	28	0	0	0	0	0	0	0	0	0	0	0	0	235	0	0	258	0	0	0	493	**638**
Unincorporated	271	67	42	0	0	0	0	0	0	0	0	0	0	0	0	241	1	6	556	0	0	0	805	**1,184**
Marin	2,574	538	188	630	419	1,161	2,995	587	117	164	79	2,014	17	1,907	1,072	4,672	107	57	13,021	684	554	981	25,165	**34,538**
Total	**7,395**	**1,026**	**279**	**797**	**478**	**1,695**	**5,907**	**977**	**260**	**464**	**116**	**2,676**	**20**	**2,275**	**1,443**	**8,816**	**137**	**74**	**17,028**	**1,022**	**757**	**1,358**	**35,722**	**55,000**

Trips	Percent	
9,905	18%	Marin County Pass-Through Trips
10,557	19%	Trips in to Marin County
9,372	17%	Trips out of Marin County
25,165	46%	Intra-County Trips
55,000	**100%**	**Total Trips**

Total Origins	Percent	County
5,735	10%	Sonoma
1,213	2%	Napa
410	1%	Solano
631	1%	West Contra Costa
199	0%	East Contra Costa
1,805	3%	North Alameda
8,425	15%	San Francisco
1,361	2%	San Mateo
205	0%	South Alameda
478	1%	Santa Clara
34,538	63%	Marin

3,577	7% Sonoma County Pass-Through
2,158	4% Sonoma County to Marin County
2,574	5% Marin County to Sonoma County
3,202	6% San Francisco County Pass-Through
5,224	9% San Francisco County to Marin County
2,995	5% Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	7,590	19	19
2	San Francisco	Sonoma	2,732	7	1
3	San Francisco	Novato	2,702	7	16
4	San Francisco	San Rafael	2,515	7	19
5	Sonoma	San Francisco	2,079	1	7

Total Destinations	Percent
7,395	13%
1,026	2%
279	1%
797	1%
478	1%
1,695	3%
5,907	11%
977	2%
260	0%
464	1%
35,722	65%

Marin Origins	Percent	City	Marin Destinations	Percent
77	0%	Belvedere	116	0%
3,631	11%	Corte Madera	2,676	7%
22	0%	Fairfax	20	0%
2,312	7%	Larkspur	2,275	6%
1,328	4%	Mill Valley	1,443	4%
7,355	21%	Novato	8,816	25%
78	0%	Ross	137	0%
40	0%	San Anselmo	74	0%
16,812	49%	San Rafael	17,028	48%
1,058	3%	Sausalito	1,022	3%
638	2%	Tiburon	757	2%
1,184	3%	Unincorporated	1,358	4%

Appendix A - Origin-Destination Data (Select-Link 3 - US 101 in Downtown San Rafael)

Directional Trips (based on logic)

Non-Summer

Destination

Northbound AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	1	0																					0	**1**
West Contra Costa	184	0	0										0			246	0	0	445				690	**874**
East Contra Costa	87	0	0										0			242	0	0	269				511	**598**
North Alameda	579	0	0										0			574	0	0	273				847	**1,426**
San Francisco	1,152	494	75										0			1,890	0	1	855				2,746	**4,467**
San Mateo	386	20	7										0			284	0	0	72				355	**768**
South Alameda	87	0	0										0			89	0	1	41				131	**218**
Santa Clara	198	2	0										0			80	0	0	29				109	**309**
Belvedere	29	2	0										0			12	0	0	38				50	**81**
Corte Madera	319	21	62										0			184	0	6	683				873	**1,274**
Fairfax	0	0	0										0			0	0	0	1				1	**1**
Larkspur	213	67	17										1			442	0	0	863				1,307	**1,604**
Mill Valley	145	93	16										0			239	0	19	531				788	**1,042**
Novato																							0	**0**
Ross	36	2	0										0			5	1	0	13				19	**57**
San Anselmo	2	0	0										0			0	0	0	17				17	**19**
San Rafael	250	17	53										3			383	12	2	2,528				2,928	**3,249**
Sausalito	180	60	21										0			153	0	0	486				639	**901**
Tiburon	135	31	23										0			280	0	0	481				760	**949**
Unincorporated	185	45	36										1			247	0	1	648				897	**1,162**
Marin	1,493	338	227	0	0	0	0	0	0	0	0	0	5	0	0	1,945	13	28	6,289	0	0	0	8,280	**10,338**
Total	**4,169**	**854**	**309**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**5,349**	**13**	**30**	**8,271**	**0**	**0**	**0**	**13,668**	**19,000**
																							Count-->	**19,000**

Trips	Percent	
3,273	17%	Marin County Pass-Through Trips
5,388	28%	Trips in to Marin County
2,058	11%	Trips out of Marin County
8,280	44%	Intra-County Trips
19,000	**100%**	**Total Trips**

Total Origins		County
0	0%	Sonoma
1	0%	Napa
1	0%	Solano
874	5%	West Contra Costa
598	3%	East Contra Costa
1,426	8%	North Alameda
4,467	24%	San Francisco
768	4%	San Mateo
218	1%	South Alameda
309	2%	Santa Clara
10,338	54%	Marin
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
1,493	8%	Marin County to Sonoma County
1,721	9%	San Francisco County Pass-Through
2,746	14%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Total Destinations		Marin Origins		City	Marin Destinations	
4,169	22%	81	1%	Belvedere	0	0%
854	4%	1,274	12%	Corte Madera	0	0%
309	2%	1	0%	Fairfax	5	0%
0	0%	1,604	16%	Larkspur	0	0%
0	0%	1,042	10%	Mill Valley	0	0%
0	0%	0	0%	Novato	5,349	39%
0	0%	57	1%	Ross	13	0%
0	0%	19	0%	San Anselmo	30	0%
0	0%	3,249	31%	San Rafael	8,271	61%
0	0%	901	9%	Sausalito	0	0%
13,668	72%	949	9%	Tiburon	0	0%
		1,162	11%	Unincorporated	0	0%

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	2,528	19	19
2	San Francisco	Novato	1,890	7	16
3	San Francisco	Sonoma	1,152	7	1
4	Larkspur	San Rafael	863	14	19
5	San Francisco	San Rafael	855	7	19

Non-Summer

Destination

Southbound AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	0	220	21	746	3,411	855	120	183	2	464	1	618	106	6	1	613	112	43	116	2,083	**7,641**
Napa		0	1	0	1	546	138	1	16	0	25	0	119	61	0	0	108	19	5	19	356	**1,060**
Solano			0	0	0	105	1	0	0	1	16	0	10	16	0	0	83	9	30	9	174	**280**
West Contra Costa																					0	**0**
East Contra Costa																					0	**0**
North Alameda																					0	**0**
San Francisco																					0	**0**
San Mateo																					0	**0**
South Alameda																					0	**0**
Santa Clara																					0	**0**
Belvedere																					0	**0**
Corte Madera																					0	**0**
Fairfax				1	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	3	**5**
Larkspur																					0	**0**
Mill Valley																					0	**0**
Novato				52	35	821	1,950	680	30	282	3	572	0	837	267	6	2	2,603	225	34	104	4,653	**8,503**
Ross				0	0	0	1	0	0	0	0	32	0	5	0	1	0	14	0	0	0	53	**54**
San Anselmo				2	0	1	1	0	0	0	0	1	0	0	0	0	0	19	1	1	0	22	**27**
San Rafael				149	164	488	2,066	405	49	79	45	777	3	1,351	272	13	2	3,958	240	121	249	7,031	**10,431**
Sausalito																						0	**0**
Tiburon																						0	**0**
Unincorporated																						0	**0**
Marin	0	0	0	204	200	1,310	4,018	1,085	79	361	49	1,384	3	2,194	539	0	20	5	6,595	466	156	352	11,762	**19,019**
Total	**0**	**0**	**0**	**426**	**221**	**2,058**	**8,080**	**2,079**	**200**	**561**	**52**	**1,889**	**5**	**2,940**	**723**	**0**	**26**	**6**	**7,399**	**605**	**234**	**496**	**14,375**	**28,001**
																							Count-->	**28,000**

Trips	Percent	
6,368	23%	Marin County Pass-Through Trips
2,613	9%	Trips in to Marin County
7,257	26%	Trips out of Marin County
11,762	42%	Intra-County Trips
28,001	**100%**	**Total Trips**

Total Origins		County
7,641	27%	Sonoma
1,060	4%	Napa
280	1%	Solano
0	0%	West Contra Costa
0	0%	East Contra Costa
0	0%	North Alameda
0	0%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
19,019	68%	Marin
5,558	20%	Sonoma County Pass-Through
2,083	7%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
4,018	14%	Marin County to San Francisco County

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	0	0%	Belvedere	52	0%
0	0%	0	0%	Corte Madera	1,889	13%
0	0%	5	0%	Fairfax	5	0%
426	2%	0	0%	Larkspur	2,940	20%
221	1%	0	0%	Mill Valley	723	5%
2,058	7%	8,503	45%	Novato	0	0%
8,080	29%	54	0%	Ross	26	0%
2,079	7%	27	0%	San Anselmo	6	0%
200	1%	10,431	55%	San Rafael	7,399	51%
561	2%	0	0%	Sausalito	605	4%
14,375	51%	0	0%	Tiburon	234	2%
		0	0%	Unincorporated	496	3%

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	3,958	19	19
2	Sonoma	San Francisco	3,411	1	7
3	Novato	San Rafael	2,603	16	19
4	San Rafael	San Francisco	2,066	19	7
5	Novato	San Francisco	1,950	16	7

Appendix A - Origin-Destination Data (Select-Link 3 - US 101 in Downtown San Rafael)

Non-Summer

Destination

Northbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	0	0																					0	**0**
West Contra Costa	303	0	1										0			118	0	1	207				327	**631**
East Contra Costa	14	0	0										0			48	0	0	138				186	**199**
North Alameda	811	2	0										0			655	0	4	333				992	**1,805**
San Francisco	2,732	387	83										1			2,702	0	6	2,515				5,224	**8,425**
San Mateo	626	80	6										0			388	0	1	260				649	**1,361**
South Alameda	117	1	0										0			49	0	0	37				86	**205**
Santa Clara	217	16	0										0			185	0	0	60				245	**478**
Belvedere	9	10	1										0			14	0	0	41				56	**77**
Corte Madera	754	105	32										0			1,111	0	4	1,626				2,740	**3,631**
Fairfax	0	0	0										0			1	0	1	7				9	**9**
Larkspur	403	128	23										0			686	0	1	1,071				1,759	**2,312**
Mill Valley	218	85	14										0			470	0	0	541				1,011	**1,328**
Novato																							0	**0**
Ross	15	1	1										0			4	0	0	29				33	**50**
San Anselmo	6	0	0										0			9	0	0	13				22	**28**
San Rafael	558	67	36										9			1,649	37	16	4,207				5,918	**6,578**
Sausalito	249	49	10										1			251	0	1	497				750	**1,058**
Tiburon	92	25	28										0			235	0	0	258				493	**638**
Unincorporated	271	67	42										0			241	1	6	556				805	**1,184**
Marin	2,574	538	188	0	0	0	0	0	0	0	0	0	10	0	0	4,672	38	30	8,846	0	0	0	13,595	**16,895**
Total	**7,395**	**1,024**	**277**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**0**	**0**	**8,816**	**38**	**41**	**12,397**	**0**	**0**	**0**	**21,304**	**30,000**
																							Count-->	**30,000**

Top 5 Movements

	Trips	Percent	
	5,397	18%	Marin County Pass-Through Trips
	7,709	26%	Trips in to Marin County
	3,299	11%	Trips out of Marin County
	13,595	45%	Intra-County Trips
	30,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	4,207	19	19
2	San Francisco	Sonoma	2,732	7	1
3	San Francisco	Novato	2,702	7	16
4	San Francisco	San Rafael	2,515	7	19
5	San Rafael	Novato	1,649	19	16

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	7,395	25%	77	0%	Belvedere	0	0%
1	0%	Napa	1,024	3%	3,631	21%	Corte Madera	0	0%
0	0%	Solano	277	1%	9	0%	Fairfax	11	0%
631	2%	West Contra Costa	0	0%	2,312	14%	Larkspur	0	0%
199	1%	East Contra Costa	0	0%	1,328	8%	Mill Valley	0	0%
1,805	6%	North Alameda	0	0%	0	0%	Novato	8,816	41%
8,425	28%	San Francisco	0	0%	50	0%	Ross	38	0%
1,361	5%	San Mateo	0	0%	28	0%	San Anselmo	41	0%
205	1%	South Alameda	0	0%	6,578	39%	San Rafael	12,397	58%
478	2%	Santa Clara	0	0%	1,058	6%	Sausalito	0	0%
16,895	56%	Marin	21,304	71%	638	4%	Tiburon	0	0%
					1,184	7%	Unincorporated	0	0%

0	0%	Sonoma County Pass-Through	
0	0%	Sonoma County to Marin County	
2,574	9%	Marin County to Sonoma County	
3,202	11%	San Francisco County Pass-Through	
5,224	17%	San Francisco County to Marin County	
0	0%	Marin County to San Francisco County	

Non-Summer

Destination

Southbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		2	2	167	58	529	2,079	310	140	291	32	531	0	266	254		25	3	374	243	152	279	2,158	**5,735**
Napa			0	0	1	4	670	73	3	9	3	78	2	59	77		4	2	60	68	31	66	450	**1,211**
Solano				0	0	0	163	7	0	0	2	54	0	43	40		1	0	22	27	20	32	240	**410**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax				0	0	0	0	0	0	0	0	1	0	4	0		0	1	5	0	0	1	13	**13**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato				257	218	770	1,812	477	67	90	14	692	0	784	501		39	14	753	247	217	403	3,664	**7,355**
Ross				0	0	0	1	0	0	0	0	2	0	2	0		0	0	23	0	0	0	27	**28**
San Anselmo				0	0	0	0	0	0	0	0	2	0	0	0		0	0	10	0	0	0	12	**12**
San Rafael				374	201	391	1,182	110	50	73	65	1,317	7	1,116	572		30	13	3,383	437	337	577	7,853	**10,234**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	630	419	1,161	2,995	587	117	164	79	2,014	7	1,907	1,072	0	68	28	4,175	684	554	981	11,570	**17,643**
Total	**0**	**2**	**2**	**797**	**478**	**1,695**	**5,907**	**977**	**260**	**464**	**116**	**2,676**	**9**	**2,275**	**1,443**	**0**	**99**	**33**	**4,631**	**1,022**	**757**	**1,358**	**14,418**	**25,000**
																							Count-->	**25,000**

Top 5 Movements

	Trips	Percent	
	4,508	18%	Marin County Pass-Through Trips
	2,848	11%	Trips in to Marin County
	6,073	24%	Trips out of Marin County
	11,570	46%	Intra-County Trips
	25,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	3,383	19	19
2	Sonoma	San Francisco	2,079	1	7
3	Novato	San Francisco	1,812	16	7
4	San Rafael	Corte Madera	1,317	19	12
5	San Rafael	San Francisco	1,182	19	7

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
5,735	23%	Sonoma	0	0%	0	0%	Belvedere	116	1%
1,211	5%	Napa	2	0%	0	0%	Corte Madera	2,676	19%
410	2%	Solano	2	0%	13	0%	Fairfax	9	0%
0	0%	West Contra Costa	797	3%	0	0%	Larkspur	2,275	16%
0	0%	East Contra Costa	478	2%	0	0%	Mill Valley	1,443	10%
0	0%	North Alameda	1,695	7%	7,355	42%	Novato	0	0%
0	0%	San Francisco	5,907	24%	28	0%	Ross	99	1%
0	0%	San Mateo	977	4%	12	0%	San Anselmo	33	0%
0	0%	South Alameda	260	1%	10,234	58%	San Rafael	4,631	32%
0	0%	Santa Clara	464	2%	0	0%	Sausalito	1,022	7%
17,643	71%	Marin	14,418	58%	0	0%	Tiburon	757	5%
					0	0%	Unincorporated	1,358	9%

3,577	14%	Sonoma County Pass-Through	
2,158	9%	Sonoma County to Marin County	
0	0%	Marin County to Sonoma County	
0	0%	San Francisco County Pass-Through	
0	0%	San Francisco County to Marin County	
2,995	12%	Marin County to San Francisco County	

Appendix A - Origin-Destination Data (Select-Link 4 - US 101 at Sir Francis Drake Boulevard)

Non-Summer

Destination

AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	1	1	1	3,411	150	2	44	1	64	0	8	38	0	0	0	0	40	14	34	198	**3,808**
Napa	1	0	0	0	0	0	190	50	0	6	0	9	0	1	19	0	0	0	0	6	2	7	43	**291**
Solano	0	0	0	0	0	0	39	1	0	0	0	8	0	0	6	0	0	0	0	3	11	3	31	**71**
West Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	**2**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	**2**
North Alameda	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	**4**
San Francisco	1,152	437	68	0	0	0	0	0	0	0	0	0	25	26	0	1,439	1	25	1,910	0	0	0	3,427	**5,084**
San Mateo	328	18	8	0	0	0	0	0	0	0	0	0	3	1	0	242	0	3	297	0	0	0	545	**898**
South Alameda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Santa Clara	92	4	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	28	0	0	0	37	**133**
Belvedere	24	3	1	0	0	0	0	0	0	0	0	0	3	2	0	9	0	1	116	0	0	0	131	**159**
Corte Madera	125	11	48	0	0	0	0	0	0	0	0	0	14	13	0	70	0	6	617	0	0	0	719	**902**
Fairfax	0	0	0	0	0	0	28	10	0	5	0	13	0	0	11	1	0	1	3	4	7	49	89	**132**
Larkspur	21	1	4	0	0	1	32	3	0	1	1	32	7	24	9	19	0	3	205	12	3	5	320	**383**
Mill Valley	123	80	14	0	0	0	0	0	0	0	0	0	4	9	0	212	0	32	1,060	0	0	0	1,317	**1,534**
Novato	0	0	0	0	0	3	1,209	83	0	82	1	48	0	12	27	0	0	0	0	28	11	36	165	**1,542**
Ross	0	0	0	0	0	0	6	2	0	0	0	14	0	4	0	0	0	1	1	0	0	0	21	**28**
San Anselmo	0	0	0	0	0	0	396	52	1	46	1	62	1	9	24	0	1	0	7	29	8	13	154	**650**
San Rafael	0	0	0	1	1	4	2,702	92	1	85	28	209	0	20	105	0	1	1	0	48	42	50	506	**3,392**
Sausalito	163	50	17	0	0	0	0	0	0	0	0	0	5	5	0	137	0	8	913	0	0	0	1,068	**1,297**
Tiburon	108	19	18	0	0	0	0	0	0	0	0	0	1	12	0	159	0	11	1,076	0	0	0	1,259	**1,403**
Unincorporated	169	42	35	0	0	0	0	0	0	0	0	0	5	25	0	219	1	9	779	0	0	0	1,038	**1,284**
Marin	734	204	136	1	1	8	4,373	241	2	220	31	379	40	134	176	827	3	73	4,777	122	71	153	6,787	**12,708**
Total	**2,308**	**663**	**212**	**2**	**2**	**10**	**8,013**	**442**	**5**	**270**	**32**	**459**	**68**	**171**	**239**	**2,519**	**4**	**101**	**7,014**	**171**	**98**	**197**	**11,074**	**23,000**

Trips	Percent	
6,005	26%	Marin County Pass-Through Trips
4,287	19%	Trips in to Marin County
5,921	26%	Trips out of Marin County
6,787	30%	Intra-County Trips
23,000	**100%**	**Total Trips**

Total Origins		County
3,808	17%	Sonoma
291	1%	Napa
71	0%	Solano
2	0%	West Contra Costa
2	0%	East Contra Costa
4	0%	North Alameda
5,084	22%	San Francisco
898	4%	San Mateo
0	0%	South Alameda
133	1%	Santa Clara
12,708	55%	Marin
3,610	16%	Sonoma County Pass-Through
198	1%	Sonoma County to Marin County
734	3%	Marin County to Sonoma County
1,657	7%	San Francisco County Pass-Through
3,427	15%	San Francisco County to Marin County
4,373	19%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	3,411	1	7
2	San Rafael	San Francisco	2,702	19	7
3	San Francisco	San Rafael	1,910	7	19
4	San Francisco	Novato	1,439	7	16
5	Novato	San Francisco	1,209	16	7

Total Destinations		Marin Origins		City	Marin Destinations	
2,308	10%	159	1%	Belvedere	32	0%
663	3%	902	7%	Corte Madera	459	4%
212	1%	132	1%	Fairfax	68	1%
2	0%	383	3%	Larkspur	171	2%
2	0%	1,534	12%	Mill Valley	239	2%
10	0%	1,542	12%	Novato	2,519	23%
8,013	35%	28	0%	Ross	4	0%
442	2%	650	5%	San Anselmo	101	1%
5	0%	3,392	27%	San Rafael	7,014	63%
270	1%	1,297	10%	Sausalito	171	2%
11,074	48%	1,403	11%	Tiburon	98	1%
		1,284	10%	Unincorporated	197	2%

Non-Summer

Destination

PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	1	0	0	0	4	2,079	367	2	121	26	426	0	51	206	0	1	2	0	199	124	224	1,260	**3,834**
Napa	1	0	0	0	1	1	538	59	0	8	2	61	0	10	61	0	0	0	0	57	25	52	268	**875**
Solano	0	0	0	0	0	0	140	6	0	0	2	43	0	11	32	0	0	0	0	22	16	27	154	**300**
West Contra Costa	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	6	**9**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	3	0	0	0	4	**4**
North Alameda	5	0	0	0	0	0	0	0	0	0	0	0	0	4	0	3	0	1	2	0	0	0	9	**14**
San Francisco	2,732	288	64	0	0	0	0	0	0	0	0	0	56	52	0	1,753	4	288	4,184	0	0	0	6,337	**9,421**
San Mateo	458	64	4	0	0	0	0	0	0	0	0	0	7	4	0	292	1	38	507	0	0	0	848	**1,374**
South Alameda	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	3	**4**
Santa Clara	96	12	0	0	0	0	0	0	0	0	0	0	1	0	0	111	0	15	126	0	0	0	253	**361**
Belvedere	7	8	1	0	0	0	0	0	0	0	0	0	1	3	0	9	0	6	113	0	0	0	132	**147**
Corte Madera	278	18	17	0	0	0	0	0	0	0	0	0	10	86	0	423	1	41	2,124	0	0	0	2,684	**2,998**
Fairfax	0	0	0	0	0	0	74	9	0	2	9	35	0	5	34	1	0	2	0	18	10	20	133	**218**
Larkspur	21	1	1	2	2	4	38	4	0	1	4	54	2	31	30	34	0	9	263	10	12	22	471	**545**
Mill Valley	156	62	12	0	0	0	0	0	0	0	0	0	6	90	0	348	2	54	1,350	0	0	0	1,850	**2,079**
Novato	0	0	0	0	1	3	1,295	264	2	30	12	558	0	109	403	0	1	2	0	203	178	318	1,784	**3,377**
Ross	0	0	0	0	0	0	2	0	0	0	0	5	0	2	4	0	0	0	0	0	1	2	13	**14**
San Anselmo	0	0	0	0	0	0	135	20	0	4	8	147	0	16	72	2	0	8	3	38	26	41	360	**519**
San Rafael	0	0	0	1	5	5	2,320	303	2	57	194	2,945	6	627	1,548	0	4	3	0	887	771	1,006	7,991	**10,683**
Sausalito	191	38	9	0	0	0	0	0	0	0	0	0	9	72	0	192	0	41	1,198	0	0	0	1,512	**1,749**
Tiburon	55	18	18	0	0	0	0	0	0	0	0	0	3	42	0	157	1	18	632	0	0	0	853	**944**
Unincorporated	183	51	33	0	0	0	0	0	0	0	0	0	23	89	0	172	1	43	934	0	0	0	1,262	**1,529**
Marin	891	196	90	2	8	12	3,863	600	4	94	225	3,745	58	1,173	2,091	1,339	9	227	6,616	1,155	998	1,407	19,043	**24,803**
Total	**4,187**	**560**	**159**	**2**	**9**	**18**	**6,620**	**1,032**	**6**	**223**	**255**	**4,274**	**121**	**1,307**	**2,390**	**3,498**	**15**	**573**	**11,443**	**1,433**	**1,163**	**1,711**	**28,185**	**41,000**

Trips	Percent	
7,055	17%	Marin County Pass-Through Trips
9,142	22%	Trips in to Marin County
5,760	14%	Trips out of Marin County
19,043	46%	Intra-County Trips
41,000	**100%**	**Total Trips**

Total Origins		County
3,834	9%	Sonoma
875	2%	Napa
300	1%	Solano
9	0%	West Contra Costa
4	0%	East Contra Costa
14	0%	North Alameda
9,421	23%	San Francisco
1,374	3%	San Mateo
4	0%	South Alameda
361	1%	Santa Clara
24,803	60%	Marin
2,574	6%	Sonoma County Pass-Through
1,260	3%	Sonoma County to Marin County
891	2%	Marin County to Sonoma County
3,085	8%	San Francisco County Pass-Through
6,337	15%	San Francisco County to Marin County
3,863	9%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	San Rafael	4,184	7	19
2	San Rafael	Corte Madera	2,945	19	12
3	San Francisco	Sonoma	2,732	7	1
4	San Rafael	San Francisco	2,320	19	7
5	Corte Madera	San Rafael	2,124	12	19

Total Destinations		Marin Origins		City	Marin Destinations	
4,187	10%	147	1%	Belvedere	255	1%
560	1%	2,998	12%	Corte Madera	4,274	15%
159	0%	218	1%	Fairfax	121	0%
2	0%	545	2%	Larkspur	1,307	5%
9	0%	2,079	8%	Mill Valley	2,390	8%
18	0%	3,377	14%	Novato	3,498	12%
6,620	16%	14	0%	Ross	15	0%
1,032	3%	519	2%	San Anselmo	573	2%
6	0%	10,683	43%	San Rafael	11,443	41%
223	1%	1,749	7%	Sausalito	1,433	5%
28,185	69%	944	4%	Tiburon	1,163	4%
		1,529	6%	Unincorporated	1,711	6%

Appendix A - Origin-Destination Data (Select-Link 4 - US 101 at Sir Francis Drake Boulevard)

Directional Trips (based on logic)

Non-Summer

Northbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated Marin	Total
Sonoma																						0	**0**
Napa	1																					0	**1**
Solano	0	0																				0	**0**
West Contra Costa	0	0	0										0	0		0	0	0	2			2	**2**
East Contra Costa	0	0	0										0	2		0	0	0	0			2	**2**
North Alameda	2	0	0										0	0		1	0	0	1			2	**4**
San Francisco	1,152	437	68										25	26		1,439	1	25	1,910			3,427	**5,084**
San Mateo	328	18	8										3	1		242	0	3	297			545	**898**
South Alameda	0	0	0										0	0		0	0	0	0			0	**0**
Santa Clara	92	4	0										0	0		10	0	0	28			37	**133**
Belvedere	24	3	1										3	2		9	0	1	116			131	**159**
Corte Madera	125	11	48										14	13		70	0	6	617			719	**902**
Fairfax	0	0	0										0	0		1	0	1	3			5	**5**
Larkspur	21	1	4										5	17		19	0	2	205			248	**274**
Mill Valley	123	80	14										4	9		212	0	32	1,060			1,317	**1,534**
Novato																						0	**0**
Ross	0	0	0										0	3		0	0	1	1			5	**5**
San Anselmo	0	0	0										1	6		0	1	0	7			14	**14**
San Rafael																						0	**0**
Sausalito	163	50	17										5	5		137	0	8	913			1,068	**1,297**
Tiburon	108	19	18										1	12		159	0	11	1,076			1,259	**1,403**
Unincorporated	169	42	35										5	25		219	1	9	779			1,038	**1,284**
Marin	734	204	136	0	0	0	0	0	0	0	0	0	37	90	0	827	2	70	4,777	0	0	0	5,803	**6,877**
Total	**2,308**	**663**	**212**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**65**	**119**	**0**	**2,519**	**3**	**98**	**7,014**	**0**	**0**	**0**	**9,818**	**13,000**
																						Count-->	**13,000**

Trips	Percent	
2,108	16%	Marin County Pass-Through Trips
4,015	31%	Trips in to Marin County
1,074	8%	Trips out of Marin County
5,803	45%	Intra-County Trips
13,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	San Rafael	1,910	7	19
2	San Francisco	Novato	1,439	7	16
3	San Francisco	Sonoma	1,152	7	1
4	Tiburon	San Rafael	1,076	21	19
5	Mill Valley	San Rafael	1,060	15	19

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	2,308	18%	159	2%	Belvedere	0	0%
1	0%	Napa	663	5%	902	13%	Corte Madera	0	0%
0	0%	Solano	212	2%	5	0%	Fairfax	65	1%
2	0%	West Contra Costa	0	0%	274	4%	Larkspur	119	1%
2	0%	East Contra Costa	0	0%	1,534	22%	Mill Valley	0	0%
4	0%	North Alameda	0	0%	0	0%	Novato	2,519	26%
5,084	39%	San Francisco	0	0%	5	0%	Ross	3	0%
898	7%	San Mateo	0	0%	14	0%	San Anselmo	98	1%
0	0%	South Alameda	0	0%	0	0%	San Rafael	7,014	71%
133	1%	Santa Clara	0	0%	1,297	19%	Sausalito	0	0%
6,877	53%	Marin	9,818	76%	1,403	20%	Tiburon	0	0%
					1,284	19%	Unincorporated	0	0%

0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
734	6%	Marin County to Sonoma County
1,657	13%	San Francisco County Pass-Through
3,427	26%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Non-Summer

Southbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated Marin	Total
Sonoma		0	0	1	1	1	3,411	150	2	44	1	64	0	8	38		0	0		40	14	34	198	**3,808**
Napa			0	0	0	0	190	50	0	6	0	9	0	1	19		0	0		6	2	7	43	**290**
Solano				0	0	0	39	1	0	0	0	8	0	0	6		0	0		3	11	3	31	**71**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax				0	0	0	28	10	0	5	0	13	0	0	11		0	0		4	7	49	85	**127**
Larkspur				0	0	1	32	3	0	1	1	32	2	8	9		0	1		12	3	5	73	**109**
Mill Valley																							0	**0**
Novato				0	0	3	1,209	83	0	82	1	48	0	12	27		0	0		28	11	36	165	**1,542**
Ross				0	0	0	6	2	0	0	0	14	0	1	0		0	0		0	0	0	16	**24**
San Anselmo				0	0	0	396	52	1	46	1	62	0	3	24		0	0		29	8	13	139	**636**
San Rafael				1	1	4	2,702	92	1	85	28	209	0	20	105		1	1		48	42	50	506	**3,392**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	1	1	8	4,373	241	2	220	31	379	3	44	176	0	1	3	0	122	71	153	984	**5,831**
Total	**0**	**0**	**0**	**2**	**2**	**10**	**8,013**	**442**	**5**	**270**	**32**	**459**	**3**	**53**	**239**	**0**	**1**	**3**	**0**	**171**	**98**	**197**	**1,256**	**10,000**
																						Count-->	**10,000**

Trips	Percent	
3,897	39%	Marin County Pass-Through Trips
272	3%	Trips in to Marin County
4,847	48%	Trips out of Marin County
984	10%	Intra-County Trips
10,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	3,411	1	7
2	San Rafael	San Francisco	2,702	19	7
3	Novato	San Francisco	1,209	16	7
4	San Anselmo	San Francisco	396	18	7
5	San Rafael	Corte Madera	209	19	12

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
3,808	38%	Sonoma	0	0%	0	0%	Belvedere	32	3%
290	3%	Napa	0	0%	0	0%	Corte Madera	459	37%
71	1%	Solano	0	0%	127	2%	Fairfax	3	0%
0	0%	West Contra Costa	2	0%	109	2%	Larkspur	53	4%
0	0%	East Contra Costa	2	0%	0	0%	Mill Valley	239	19%
0	0%	North Alameda	10	0%	1,542	26%	Novato	0	0%
0	0%	San Francisco	8,013	80%	24	0%	Ross	1	0%
0	0%	San Mateo	442	4%	636	11%	San Anselmo	3	0%
0	0%	South Alameda	5	0%	3,392	58%	San Rafael	0	0%
0	0%	Santa Clara	270	3%	0	0%	Sausalito	171	14%
5,831	58%	Marin	1,256	13%	0	0%	Tiburon	98	8%
					0	0%	Unincorporated	197	16%

3,610	36%	Sonoma County Pass-Through
198	2%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
4,373	44%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 4 - US 101 at Sir Francis Drake Boulevard)

Non-Summer

Destination

Northbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	0	0																					0	**0**
West Contra Costa	3	0	0										0	0		0	0	3	4				6	**9**
East Contra Costa	0	0	0										0	1		1	0	0	3				4	**4**
North Alameda	5	0	0										0	4		3	0	1	2				9	**14**
San Francisco	2,732	288	64										56	52		1,753	4	288	4,184				6,337	**9,421**
San Mateo	458	64	4										7	4		292	1	38	507				848	**1,374**
South Alameda	2	0	0										0	1		0	0	0	2				3	**4**
Santa Clara	96	12	0										1	0		111	0	15	126				253	**361**
Belvedere	7	8	1										1	3		9	0	6	113				132	**147**
Corte Madera	278	18	17										10	86		423	1	41	2,124				2,684	**2,998**
Fairfax	0	0	0										0	3		1	0	1	0				4	**4**
Larkspur	21	1	1										1	17		34	0	5	263				320	**343**
Mill Valley	156	62	12										6	90		348	2	54	1,350				1,850	**2,079**
Novato																							0	**0**
Ross	0	0	0										0	1		0	0	0	0				1	**1**
San Anselmo	0	0	0										0	9		2	0	4	3				17	**17**
San Rafael																							0	**0**
Sausalito	191	38	9										9	72		192	0	41	1,198				1,512	**1,749**
Tiburon	55	18	18										3	42		157	1	18	632				853	**944**
Unincorporated	183	51	33										23	89		172	1	43	934				1,262	**1,529**
Marin	891	196	90	0	0	0	0	0	0	0	0	0	51	411	0	1,339	4	213	6,616	0	0	0	8,635	**9,811**
Total	**4,187**	**559**	**159**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**115**	**473**	**0**	**3,498**	**9**	**557**	**11,443**	**0**	**0**	**0**	**16,095**	**21,000**
																							Count-->	**21,000**

Trips	Percent	
3,728	18%	Marin County Pass-Through Trips
7,460	36%	Trips in to Marin County
1,177	6%	Trips out of Marin County
8,635	41%	Intra-County Trips
21,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	4,187	20%	147	1%	Belvedere	0	0%
1	0%	Napa	559	3%	2,998	31%	Corte Madera	0	0%
0	0%	Solano	159	1%	4	0%	Fairfax	115	1%
9	0%	West Contra Costa	0	0%	343	3%	Larkspur	473	3%
4	0%	East Contra Costa	0	0%	2,079	21%	Mill Valley	0	0%
14	0%	North Alameda	0	0%	0	0%	Novato	3,498	22%
9,421	45%	San Francisco	0	0%	1	0%	Ross	9	0%
1,374	7%	San Mateo	0	0%	17	0%	San Anselmo	557	3%
4	0%	South Alameda	0	0%	0	0%	San Rafael	11,443	71%
361	2%	Santa Clara	0	0%	1,749	18%	Sausalito	0	0%
9,811	47%	Marin	16,095	77%	944	10%	Tiburon	0	0%
					1,529	16%	Unincorporated	0	0%

Total Origins		
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
891	4%	Marin County to Sonoma County
3,085	15%	San Francisco County Pass-Through
6,337	30%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	San Rafael	4,184	7	19
2	San Francisco	Sonoma	2,732	7	1
3	Corte Madera	San Rafael	2,124	12	19
4	San Francisco	Novato	1,753	7	16
5	Mill Valley	San Rafael	1,350	15	19

Non-Summer

Destination

Southbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		1	0	0	0	4	2,079	367	2	121	26	426	0	51	206	1	2		199	124	224	1,260	**3,834**
Napa			0	0	1	1	538	59	0	8	2	61	0	10	61	0	0		57	25	52	268	**874**
Solano				0	0	0	140	6	0	0	2	43	0	11	32	0	0		22	16	27	154	**300**
West Contra Costa																						0	**0**
East Contra Costa																						0	**0**
North Alameda																						0	**0**
San Francisco																						0	**0**
San Mateo																						0	**0**
South Alameda																						0	**0**
Santa Clara																						0	**0**
Belvedere																						0	**0**
Corte Madera																						0	**0**
Fairfax				0	0	0	74	9	0	2	9	35	0	2	34	0	1		18	10	20	128	**213**
Larkspur				2	2	4	38	4	0	1	4	54	1	15	30	0	4		10	12	22	151	**203**
Mill Valley																						0	**0**
Novato				0	1	3	1,295	264	2	30	12	558	0	109	403	1	2		203	178	318	1,784	**3,377**
Ross				0	0	0	2	0	0	0	0	5	0	1	4	0	0		0	1	2	12	**14**
San Anselmo				0	0	0	135	20	0	4	8	147	0	8	72	0	4		38	26	41	343	**502**
San Rafael				1	5	5	2,320	303	2	57	194	2,945	6	627	1,548	4	3		887	771	1,006	7,991	**10,683**
Sausalito																						0	**0**
Tiburon																						0	**0**
Unincorporated																						0	**0**
Marin	0	0	0	2	8	12	3,863	600	4	94	225	3,745	6	762	2,091	0	5	14	0	1,155	998	1,407	10,409	**14,992**
Total	**0**	**1**	**0**	**2**	**9**	**18**	**6,620**	**1,032**	**6**	**223**	**255**	**4,274**	**6**	**834**	**2,390**	**0**	**6**	**16**	**0**	**1,433**	**1,163**	**1,711**	**12,090**	**20,000**
																							Count-->	**20,000**

Trips	Percent	
3,327	17%	Marin County Pass-Through Trips
1,681	8%	Trips in to Marin County
4,583	23%	Trips out of Marin County
10,409	52%	Intra-County Trips
20,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
3,834	19%	Sonoma	0	0%	0	0%	Belvedere	255	2%
874	4%	Napa	1	0%	0	0%	Corte Madera	4,274	35%
300	1%	Solano	0	0%	213	1%	Fairfax	6	0%
0	0%	West Contra Costa	2	0%	203	1%	Larkspur	834	7%
0	0%	East Contra Costa	9	0%	0	0%	Mill Valley	2,390	20%
0	0%	North Alameda	18	0%	3,377	23%	Novato	0	0%
0	0%	San Francisco	6,620	33%	14	0%	Ross	6	0%
0	0%	San Mateo	1,032	5%	502	3%	San Anselmo	16	0%
0	0%	South Alameda	6	0%	10,683	71%	San Rafael	0	0%
0	0%	Santa Clara	223	1%	0	0%	Sausalito	1,433	12%
14,992	75%	Marin	12,090	60%	0	0%	Tiburon	1,163	10%
					0	0%	Unincorporated	1,711	14%

Total Origins		
2,574	13%	Sonoma County Pass-Through
1,260	6%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
3,863	19%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	Corte Madera	2,945	19	12
2	San Rafael	San Francisco	2,320	19	7
3	Sonoma	San Francisco	2,079	1	7
4	San Rafael	Mill Valley	1,548	19	15
5	Novato	San Francisco	1,295	16	7

Appendix A - Origin-Destination Data (Select-Link 5 - US 101 over Richardson Bay)

Non-Summer

AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	1	1	3,411	398	2	52	0	3	0	0	1	1	0	0	0	42	0	19	67	**3,932**
Napa	1	0	0	0	0	0	214	58	0	6	0	0	0	0	0	0	0	0	0	5	0	3	8	**289**
Solano	0	0	0	0	0	0	86	1	0	0	0	0	0	0	0	0	0	0	0	6	0	4	10	**97**
West Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	3	**3**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	**2**
North Alameda	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0	2	**3**
San Francisco	1,152	252	44	0	0	0	0	0	0	0	45	680	26	421	237	700	42	68	1,246	0	216	0	3,681	**5,129**
San Mateo	192	11	5	0	0	0	0	0	0	0	1	63	3	34	11	144	4	11	191	0	21	0	483	**691**
South Alameda	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	**2**
Santa Clara	54	2	0	0	0	0	0	0	0	0	1	4	0	7	3	7	1	0	24	0	2	0	48	**104**
Belvedere	0	0	0	0	0	0	327	27	0	10	0	0	0	0	2	0	0	0	0	40	1	15	58	**422**
Corte Madera	1	0	0	0	1	2	1,517	259	0	93	0	12	0	2	39	0	0	1	7	439	4	120	625	**2,497**
Fairfax	0	0	0	0	0	0	121	17	0	8	0	0	0	0	0	0	0	0	1	5	0	3	9	**154**
Larkspur	1	0	0	0	0	1	2,463	368	0	69	0	45	0	53	11	0	7	0	13	221	7	48	404	**3,307**
Mill Valley	2	2	2	1	3	4	1,405	263	3	72	2	22	0	7	33	9	0	2	70	401	8	105	659	**2,416**
Novato	0	0	0	0	0	2	1,154	211	0	95	0	2	0	0	3	6	0	0	2	87	1	20	120	**1,582**
Ross	0	0	0	0	0	0	338	30	0	10	0	1	0	7	3	0	2	2	0	12	1	10	38	**415**
San Anselmo	0	0	0	0	0	1	703	131	1	103	0	5	0	3	4	0	1	0	2	47	0	15	77	**1,017**
San Rafael	0	0	1	1	0	3	2,688	404	1	102	2	8	0	0	12	2	0	0	53	389	4	106	576	**3,775**
Sausalito	94	30	10	0	0	0	0	0	0	0	13	405	5	321	160	82	11	14	701	0	198	0	1,910	**2,045**
Tiburon	0	0	0	0	0	1	1,438	258	1	119	1	7	0	2	19	1	0	0	13	416	18	94	570	**2,387**
Unincorporated	39	8	14	0	0	0	0	0	0	0	3	155	4	102	71	80	6	11	200	0	37	0	668	**729**
Marin	136	40	26	3	4	14	12,154	1,968	8	681	20	662	9	497	356	180	27	30	1,062	2,056	279	535	5,714	**20,749**
Total	**1,536**	**305**	**75**	**4**	**5**	**16**	**15,865**	**2,425**	**10**	**739**	**67**	**1,414**	**38**	**959**	**613**	**1,032**	**74**	**109**	**2,525**	**2,109**	**518**	**561**	**10,020**	**31,000**

Trips	Percent	
5,946	19%	Marin County Pass-Through Trips
4,306	14%	Trips in to Marin County
15,034	48%	Trips out of Marin County
5,714	18%	Intra-County Trips
31,000	**100%**	**Total Trips**

Total Origins		County
3,932	13%	Sonoma
289	1%	Napa
97	0%	Solano
3	0%	West Contra Costa
2	0%	East Contra Costa
3	0%	North Alameda
5,129	17%	San Francisco
691	2%	San Mateo
2	0%	South Alameda
104	0%	Santa Clara
20,749	67%	Marin
3,865	12%	Sonoma County Pass-Through
67	0%	Sonoma County to Marin County
136	0%	Marin County to Sonoma County
1,448	5%	San Francisco County Pass-Through
3,681	12%	San Francisco County to Marin County
12,154	39%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	3,411	1	7
2	San Rafael	San Francisco	2,688	19	7
3	Larkspur	San Francisco	2,463	14	7
4	Corte Madera	San Francisco	1,517	12	7
5	Tiburon	San Francisco	1,438	21	7

Total Destinations		Marin Origins		City	Marin Destinations	
1,536	5%	422	2%	Belvedere	67	1%
305	1%	2,497	12%	Corte Madera	1,414	14%
75	0%	154	1%	Fairfax	38	0%
4	0%	3,307	16%	Larkspur	959	10%
15,865	51%	2,416	12%	Mill Valley	613	6%
2,425	8%	1,582	8%	Novato	1,032	10%
10	0%	415	2%	Ross	74	1%
739	2%	1,017	5%	San Anselmo	109	1%
10,020	32%	3,775	18%	San Rafael	2,525	25%
		2,045	10%	Sausalito	2,109	21%
		2,387	12%	Tiburon	518	5%
		729	4%	Unincorporated	561	6%

Non-Summer

PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	1	0	0	0	3	2,079	270	1	85	0	1	0	0	4	0	0	0	1	146	1	79	232	**2,671**
Napa	1	0	0	0	1	1	391	42	0	5	0	1	0	0	2	0	0	0	0	40	1	24	67	**507**
Solano	0	0	0	0	0	0	130	4	0	0	0	1	0	0	0	0	0	0	1	24	0	10	35	**170**
West Contra Costa	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	3	**4**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	4	**4**
North Alameda	2	0	0	0	0	0	0	0	0	0	0	2	0	1	3	1	0	1	0	0	1	0	11	**14**
San Francisco	2,732	111	47	0	0	0	0	0	0	0	225	1,236	75	1,067	743	560	246	407	1,518	0	606	0	6,682	**9,573**
San Mateo	173	23	2	0	0	0	0	0	0	0	18	186	7	113	90	111	20	53	219	0	121	0	938	**1,137**
South Alameda	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	4	**5**
Santa Clara	36	5	0	0	0	0	0	0	0	0	7	49	2	34	22	42	8	21	50	0	29	0	265	**306**
Belvedere	0	0	0	0	0	1	134	5	0	1	3	0	0	0	2	0	0	0	0	42	0	12	59	**200**
Corte Madera	0	0	0	1	1	3	1,056	89	1	19	0	14	0	3	52	3	1	1	4	743	18	252	1,091	**2,259**
Fairfax	0	0	0	0	0	0	80	10	0	3	0	0	0	0	2	1	0	0	0	24	0	14	40	**133**
Larkspur	0	0	0	0	0	1	822	65	0	28	1	9	0	3	12	0	0	0	3	415	3	127	571	**1,486**
Mill Valley	3	1	0	1	1	5	674	45	1	11	7	191	2	39	162	7	3	7	93	557	49	280	1,395	**2,136**
Novato	0	0	0	0	1	1	888	189	1	21	0	1	0	0	7	4	0	1	1	142	2	113	270	**1,370**
Ross	0	0	0	0	0	0	136	9	0	3	0	0	0	1	4	0	0	1	0	25	0	9	40	**187**
San Anselmo	0	0	0	0	0	0	272	28	0	5	0	0	0	1	8	3	0	3	2	66	1	24	107	**412**
San Rafael	1	0	0	0	3	3	1,862	243	1	43	2	7	0	0	95	4	1	1	41	845	3	258	1,256	**3,413**
Sausalito	68	13	5	0	0	0	0	0	0	0	37	1,197	11	314	900	74	17	47	553	0	329	0	3,479	**3,564**
Tiburon	0	0	0	0	1	2	677	60	1	20	4	12	0	4	25	0	0	0	3	413	66	135	662	**1,423**
Unincorporated	31	10	9	0	0	0	0	0	0	0	9	342	5	95	264	23	6	19	152	0	62	0	977	**1,027**
Marin	104	23	14	1	6	14	6,601	743	4	153	62	1,773	17	459	1,532	117	27	79	851	3,272	533	1,224	9,946	**17,610**
Total	**3,050**	**165**	**63**	**1**	**6**	**18**	**9,201**	**1,059**	**5**	**244**	**311**	**3,250**	**101**	**1,676**	**2,398**	**832**	**301**	**563**	**2,641**	**3,483**	**1,295**	**1,336**	**18,187**	**32,000**

Trips	Percent	
6,148	19%	Marin County Pass-Through Trips
8,242	26%	Trips in to Marin County
7,665	24%	Trips out of Marin County
9,946	31%	Intra-County Trips
32,000	**100%**	**Total Trips**

Total Origins		County
2,671	8%	Sonoma
507	2%	Napa
170	1%	Solano
4	0%	West Contra Costa
4	0%	East Contra Costa
14	0%	North Alameda
9,573	30%	San Francisco
1,137	4%	San Mateo
5	0%	South Alameda
306	1%	Santa Clara
17,610	55%	Marin
2,438	8%	Sonoma County Pass-Through
232	1%	Sonoma County to Marin County
104	0%	Marin County to Sonoma County
2,890	9%	San Francisco County Pass-Through
6,682	21%	San Francisco County to Marin County
6,601	21%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	Sonoma	2,732	7	1
2	Sonoma	San Francisco	2,079	1	7
3	San Rafael	San Francisco	1,862	19	7
4	San Francisco	San Rafael	1,518	7	19
5	San Francisco	Corte Madera	1,236	7	12

Total Destinations		Marin Origins		City	Marin Destinations	
3,050	10%	200	1%	Belvedere	311	2%
165	1%	2,259	13%	Corte Madera	3,250	18%
63	0%	133	1%	Fairfax	101	1%
1	0%	1,486	8%	Larkspur	1,676	9%
9,201	29%	2,136	12%	Mill Valley	2,398	13%
1,059	3%	1,370	8%	Novato	832	5%
5	0%	187	1%	Ross	301	2%
244	1%	412	2%	San Anselmo	563	3%
18,187	57%	3,413	19%	San Rafael	2,641	15%
		3,564	20%	Sausalito	3,483	19%
		1,423	8%	Tiburon	1,295	7%
		1,027	6%	Unincorporated	1,336	7%

Appendix A - Origin-Destination Data (Select-Link 5 - US 101 over Richardson Bay)

Directional Trips (based on logic)

Non-Summer

Northbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	0	0																					0	**0**
West Contra Costa	0	0	0								0	0	0	0	3	0	0	0	1		0		3	**3**
East Contra Costa	0	0	0								0	0	0	0	1	0	0	0	1		0		2	**2**
North Alameda	1	0	0								1	0	0	0	1	1	0	0	1		0		2	**3**
San Francisco	1,152	252	44								45	680	26	421	237	700	42	68	1,246		216		3,681	**5,129**
San Mateo	192	11	5								1	63	3	34	11	144	4	11	191		21		483	**691**
South Alameda	1	0	0								0	1	0	0	0	0	0	0	1		0		1	**2**
Santa Clara	54	2	0								1	4	0	7	3	7	1	0	24		2		48	**104**
Belvedere	0	0	0								0	0	0	0	1	0	0	0	0		1		2	**2**
Corte Madera	1	0	0								0	7	0	1	21	0	0	1	4		2		35	**35**
Fairfax	0	0	0								0	0	0	0	0	0	0	0	1		0		1	**1**
Larkspur	1	0	0								0	23	0	28	6	0	4	0	7		4		71	**71**
Mill Valley	2	2	2								1	11	0	4	17	5	0	1	37		4		80	**86**
Novato	0	0	0								0	1	0	0	2	3	0	0	1		1		7	**7**
Ross	0	0	0								0	1	0	4	2	0	1	1	0		1		8	**8**
San Anselmo	0	0	0								0	3	0	2	2	0	1	0	1		0		8	**8**
San Rafael	0	0	1								1	4	0	0	6	1	0	0	28		2		42	**43**
Sausalito	94	30	10								13	405	5	321	160	82	11	14	701		198		1,910	**2,045**
Tiburon	0	0	0								1	4	0	1	10	1	0	0	7		9		32	**32**
Unincorporated	39	8	14								3	155	4	102	71	80	6	11	200		37		668	**729**
Marin	136	40	26	0	0	0	0	0	0	0	18	614	9	462	296	171	23	27	985	0	258	0	2,863	**3,066**
Total	**1,536**	**305**	**75**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**65**	**1,362**	**38**	**924**	**552**	**1,023**	**70**	**106**	**2,448**	**0**	**496**	**0**	**7,084**	**9,000**
																							Count-->	**9,000**

	Trips	Percent	
	1,714	19%	Marin County Pass-Through Trips
	4,221	47%	Trips in to Marin County
	203	2%	Trips out of Marin County
	2,863	32%	Intra-County Trips
	9,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	1,536	17%	2	0%	Belvedere	65	1%
1	0%	Napa	305	3%	35	1%	Corte Madera	1,362	19%
0	0%	Solano	75	1%	1	0%	Fairfax	38	1%
3	0%	West Contra Costa	0	0%	71	2%	Larkspur	924	13%
2	0%	East Contra Costa	0	0%	86	3%	Mill Valley	552	8%
3	0%	North Alameda	0	0%	7	0%	Novato	1,023	14%
5,129	57%	San Francisco	0	0%	8	0%	Ross	70	1%
691	8%	San Mateo	0	0%	8	0%	San Anselmo	106	2%
2	0%	South Alameda	0	0%	43	1%	San Rafael	2,448	35%
104	1%	Santa Clara	0	0%	2,045	67%	Sausalito	0	0%
3,066	34%	Marin	7,084	79%	32	1%	Tiburon	496	7%
					729	24%	Unincorporated	0	0%
0	0%	Sonoma County Pass-Through							
0	0%	Sonoma County to Marin County							
136	2%	Marin County to Sonoma County							
1,448	16%	San Francisco County Pass-Through							
3,681	41%	San Francisco County to Marin County							
0	0%	Marin County to San Francisco County							

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	San Rafael	1,246	7	19
2	San Francisco	Sonoma	1,152	7	1
3	Sausalito	San Rafael	701	20	19
4	San Francisco	Novato	700	7	16
5	San Francisco	Corte Madera	680	7	12

Non-Summer

Southbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	0	0	1	1	3,411	398	2	52	0	3	0	0	1	1	0	0	0	42	0	19	67	**3,932**
Napa			0	0	0	0	214	58	0	6	0	0	0	0	0	0	0	0	0	5	0	3	8	**288**
Solano				0	0	0	86	1	0	0	0	0	0	0	0	0	0	0	0	6	0	4	10	**97**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere				0	0	0	327	27	0	10	0	0	0	0	1	0	0	0	0	40	0	15	56	**421**
Corte Madera				0	1	2	1,517	259	0	93	0	6	0	1	19	0	0	0	3	439	2	120	590	**2,462**
Fairfax				0	0	0	121	17	0	8	0	0	0	0	0	0	0	0	0	5	0	3	8	**154**
Larkspur				0	0	1	2,463	368	0	69	0	21	0	25	5	0	3	0	6	221	3	48	334	**3,236**
Mill Valley				1	3	4	1,405	263	3	72	1	10	0	3	16	4	0	1	33	401	4	105	579	**2,331**
Novato				0	0	2	1,154	211	0	95	0	1	0	0	1	3	0	0	1	87	0	20	113	**1,575**
Ross				0	0	0	338	30	0	10	0	0	0	3	1	0	1	1	0	12	0	10	30	**407**
San Anselmo				0	0	1	703	131	1	103	0	3	0	1	2	0	0	0	1	47	0	15	69	**1,009**
San Rafael				1	0	3	2,688	404	1	102	1	4	0	0	6	1	0	0	25	389	2	106	534	**3,732**
Sausalito																							0	**0**
Tiburon				0	0	1	1,438	258	1	119	0	3	0	1	9	0	0	0	6	416	8	94	539	**2,356**
Unincorporated																							0	**0**
Marin	0	0	0	3	4	14	12,154	1,968	8	681	2	49	0	35	60	8	5	2	77	2,056	21	535	2,851	**17,682**
Total	**0**	**0**	**0**	**4**	**5**	**16**	**15,865**	**2,425**	**10**	**739**	**2**	**52**	**0**	**35**	**61**	**9**	**5**	**2**	**77**	**2,109**	**21**	**561**	**2,936**	**22,000**
																							Count-->	**22,000**

	Trips	Percent	
	4,232	19%	Marin County Pass-Through Trips
	85	0%	Trips in to Marin County
	14,832	67%	Trips out of Marin County
	2,851	13%	Intra-County Trips
	22,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
3,932	18%	Sonoma	0	0%	421	2%	Belvedere	2	0%
288	1%	Napa	0	0%	2,462	14%	Corte Madera	52	2%
97	0%	Solano	0	0%	154	1%	Fairfax	0	0%
0	0%	West Contra Costa	4	0%	3,236	18%	Larkspur	35	1%
0	0%	East Contra Costa	5	0%	2,331	13%	Mill Valley	61	2%
0	0%	North Alameda	16	0%	1,575	9%	Novato	9	0%
0	0%	San Francisco	15,865	72%	407	2%	Ross	5	0%
0	0%	San Mateo	2,425	11%	1,009	6%	San Anselmo	2	0%
0	0%	South Alameda	10	0%	3,732	21%	San Rafael	77	3%
0	0%	Santa Clara	739	3%	0	0%	Sausalito	2,109	72%
17,682	80%	Marin	2,936	13%	2,356	13%	Tiburon	21	1%
					0	0%	Unincorporated	561	19%
3,865	18%	Sonoma County Pass-Through							
67	0%	Sonoma County to Marin County							
0	0%	Marin County to Sonoma County							
0	0%	San Francisco County Pass-Through							
0	0%	San Francisco County to Marin County							
12,154	55%	Marin County to San Francisco County							

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	3,411	1	7
2	San Rafael	San Francisco	2,688	19	7
3	Larkspur	San Francisco	2,463	14	7
4	Corte Madera	San Francisco	1,517	12	7
5	Tiburon	San Francisco	1,438	21	7

Appendix A - Origin-Destination Data (Select-Link 5 - US 101 over Richardson Bay)

Non-Summer

Destination

Northbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	0	0																					0	**0**
West Contra Costa	1	0	0								0	0	0	1	1	0	0	1	1		0		3	**4**
East Contra Costa	0	0	0								0	0	0	0	0	0	0	0	1		2		4	**4**
North Alameda	2	0	0								0	2	0	1	3	1	0	1	0		1		11	**14**
San Francisco	2,732	111	47								225	1,236	75	1,067	743	560	246	407	1,518		606		6,682	**9,573**
San Mateo	173	23	2								18	186	7	113	90	111	20	53	219		121		938	**1,137**
South Alameda	1	0	0								0	0	0	0	1	0	0	0	1		1		4	**5**
Santa Clara	36	5	0								7	49	2	34	22	42	8	21	50		29		265	**306**
Belvedere	0	0	0								1	0	0	0	1	0	0	0	0		0		2	**2**
Corte Madera	0	0	0								0	5	0	1	19	1	0	0	1		7		35	**35**
Fairfax	0	0	0								0	0	0	0	1	0	0	0	0		0		1	**1**
Larkspur	0	0	0								0	3	0	1	4	0	0	0	1		1		11	**11**
Mill Valley	3	1	0								2	69	1	14	59	3	1	2	34		18		202	**207**
Novato	0	0	0								0	0	0	0	3	1	0	0	0		1		6	**6**
Ross	0	0	0								0	0	0	0	1	0	0	0	0		0		2	**2**
San Anselmo	0	0	0								0	0	0	0	3	1	0	1	1		0		6	**6**
San Rafael	1	0	0								1	2	0	0	34	1	0	0	15		1		55	**56**
Sausalito	68	13	5								37	1,197	11	314	900	74	17	47	553		329		3,479	**3,564**
Tiburon	0	0	0								1	4	0	1	9	0	0	0	1		24		41	**41**
Unincorporated	31	10	9								9	342	5	95	264	23	6	19	152		62		977	**1,027**
Marin	104	23	14	0	0	0	0	0	0	0	52	1,624	16	427	1,297	104	24	71	758	0	442	0	4,815	**4,957**
Total	**3,050**	**164**	**63**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**301**	**3,099**	**100**	**1,644**	**2,157**	**819**	**298**	**554**	**2,547**	**0**	**1,203**	**0**	**12,723**	**16,000**
																							Count-->	**16,000**

Trips	Percent	
3,135	20%	Marin County Pass-Through Trips
7,908	49%	Trips in to Marin County
142	1%	Trips out of Marin County
4,815	30%	Intra-County Trips
16,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	3,050	19%	2	0%	Belvedere	301	2%
1	0%	Napa	164	1%	35	1%	Corte Madera	3,099	24%
0	0%	Solano	63	0%	1	0%	Fairfax	100	1%
4	0%	West Contra Costa	0	0%	11	0%	Larkspur	1,644	13%
4	0%	East Contra Costa	0	0%	207	4%	Mill Valley	2,157	17%
14	0%	North Alameda	0	0%	6	0%	Novato	819	6%
9,573	60%	San Francisco	0	0%	2	0%	Ross	298	2%
1,137	7%	San Mateo	0	0%	6	0%	San Anselmo	554	4%
5	0%	South Alameda	0	0%	56	1%	San Rafael	2,547	20%
306	2%	Santa Clara	0	0%	3,564	72%	Sausalito	0	0%
4,957	31%	Marin	12,723	80%	41	1%	Tiburon	1,203	9%
					1,027	21%	Unincorporated	0	0%

Trips	Percent	
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
104	1%	Marin County to Sonoma County
2,890	18%	San Francisco County Pass-Through
6,682	42%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	Sonoma	2,732	7	1
2	San Francisco	San Rafael	1,518	7	19
3	San Francisco	Corte Madera	1,236	7	12
4	Sausalito	Corte Madera	1,197	20	12
5	San Francisco	Larkspur	1,067	7	14

Non-Summer

Destination

Southbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		1	0	0	0	3	2,079	270	1	85	0	1	0	0	4	0	0	0	1	146	1	79	232	**2,671**
Napa			0	0	1	1	391	42	0	5	0	1	0	0	2	0	0	0	0	40	1	24	67	**506**
Solano				0	0	0	130	4	0	0	0	1	0	0	0	0	0	0	1	24	0	10	35	**170**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere				0	0	1	134	5	0	1	2	0	0	0	1	0	0	0	0	42	0	12	57	**198**
Corte Madera				1	1	3	1,056	89	1	19	0	9	0	2	33	2	1	1	2	743	12	252	1,056	**2,224**
Fairfax				0	0	0	80	10	0	3	0	0	0	0	1	1	0	0	0	24	0	14	39	**132**
Larkspur				0	0	1	822	65	0	28	1	5	0	2	7	0	0	0	2	415	2	127	561	**1,476**
Mill Valley				1	1	5	674	45	1	11	4	122	1	25	103	5	2	4	59	557	31	280	1,193	**1,929**
Novato				0	1	1	888	189	1	21	0	1	0	0	5	2	0	1	1	142	1	113	264	**1,364**
Ross				0	0	0	136	9	0	3	0	0	0	1	2	0	0	1	0	25	0	9	38	**185**
San Anselmo				0	0	0	272	28	0	5	0	0	0	1	5	2	0	2	1	66	1	24	101	**406**
San Rafael				0	3	3	1,862	243	1	43	1	4	0	0	61	2	1	1	26	845	2	258	1,201	**3,357**
Sausalito																							0	**0**
Tiburon				0	1	2	677	60	1	20	3	7	0	3	16	0	0	0	2	413	42	135	621	**1,382**
Unincorporated																							0	**0**
Marin	0	0	0	1	6	14	6,601	743	4	153	10	149	1	32	235	13	3	8	93	3,272	90	1,224	5,131	**12,654**
Total	**0**	**1**	**0**	**1**	**6**	**18**	**9,201**	**1,059**	**5**	**244**	**10**	**151**	**1**	**32**	**241**	**13**	**3**	**8**	**94**	**3,483**	**92**	**1,336**	**5,465**	**16,000**
																							Count-->	**16,000**

Trips	Percent	
3,013	19%	Marin County Pass-Through Trips
334	2%	Trips in to Marin County
7,523	47%	Trips out of Marin County
5,131	32%	Intra-County Trips
16,000	**100%**	**Total Trips**

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
2,671	17%	Sonoma	0	0%	198	2%	Belvedere	10	0%
506	3%	Napa	1	0%	2,224	18%	Corte Madera	151	3%
170	1%	Solano	0	0%	132	1%	Fairfax	1	0%
0	0%	West Contra Costa	1	0%	1,476	12%	Larkspur	32	1%
0	0%	East Contra Costa	6	0%	1,929	15%	Mill Valley	241	4%
0	0%	North Alameda	18	0%	1,364	11%	Novato	13	0%
0	0%	San Francisco	9,201	58%	185	1%	Ross	3	0%
0	0%	San Mateo	1,059	7%	406	3%	San Anselmo	8	0%
0	0%	South Alameda	5	0%	3,357	27%	San Rafael	94	2%
0	0%	Santa Clara	244	2%	0	0%	Sausalito	3,483	64%
12,654	79%	Marin	5,465	34%	1,382	11%	Tiburon	92	2%
					0	0%	Unincorporated	1,336	24%

Trips	Percent	
2,438	15%	Sonoma County Pass-Through
232	1%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
6,601	41%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	2,079	1	7
2	San Rafael	San Francisco	1,862	19	7
3	Corte Madera	San Francisco	1,056	12	7
4	Novato	San Francisco	888	16	7
5	San Rafael	Sausalito	845	19	20

Appendix A - Origin-Destination Data (Select-Link 6 - US 101 at the Golden Gate Bridge)

Non-Summer

Destination

AM	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	1	1	3,411	288	2	37	0	0	0	0	0	0	0	0	0	0	0	0	0	**3,740**
Napa	1	0	0	0	0	1	155	42	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	**203**
Solano	0	0	0	0	0	0	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**61**
West Contra Costa	0	0	0	0	0	0	96	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	**97**
East Contra Costa	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	5	**12**
North Alameda	1	0	0	0	0	0	30	0	0	0	1	0	0	0	0	1	0	0	1	6	0	3	10	**41**
San Francisco	1,152	305	53	264	3	16	0	0	0	0	57	871	32	540	412	885	50	81	1,613	1,013	259	1,147	6,959	**8,751**
San Mateo	227	14	6	0	0	0	0	0	0	0	1	78	4	41	32	171	5	15	229	56	24	126	782	**1,028**
South Alameda	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	5	**6**
Santa Clara	62	3	0	0	0	0	0	0	0	0	1	7	0	8	4	9	1	0	28	18	2	54	133	**197**
Belvedere	0	0	0	0	0	0	238	20	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	**265**
Corte Madera	0	0	0	0	0	2	1,105	187	0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,361**
Fairfax	0	0	0	0	0	0	88	13	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	**106**
Larkspur	0	0	0	0	0	1	1,782	268	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	**2,102**
Mill Valley	0	0	0	0	1	1	1,614	252	1	69	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,938**
Novato	0	0	0	0	0	1	830	155	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,058**
Ross	0	0	0	0	0	0	243	22	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	**272**
San Anselmo	0	0	0	0	0	1	505	94	1	73	0	0	0	0	0	0	0	0	0	0	0	0	0	**675**
San Rafael	0	0	0	1	0	0	2,010	294	1	76	0	0	0	0	0	0	0	0	0	0	0	0	0	**2,382**
Sausalito	0	0	0	0	2	20	1,511	295	2	80	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,911**
Tiburon	0	0	0	0	0	1	1,041	190	1	88	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,321**
Unincorporated	0	0	0	0	0	6	2,082	296	3	87	0	0	0	0	0	0	0	0	0	0	0	0	0	**2,475**
Marin	0	0	0	2	3	32	13,048	2,086	9	684	0	0	0	0	0	0	0	0	0	0	0	0	0	**15,865**
Total	**1,443**	**321**	**58**	**266**	**6**	**50**	**16,806**	**2,417**	**11**	**726**	**59**	**956**	**36**	**589**	**448**	**1,067**	**56**	**96**	**1,872**	**1,095**	**284**	**1,336**	**7,894**	**30,000**

Origin

Trips	Percent	
6,241	21%	Marin County Pass-Through Trips
7,894	26%	Trips in to Marin County
15,865	53%	Trips out of Marin County
0	0%	Intra-County Trips
30,000	**100%**	**Total Trips**

Total Origins		County
3,740	12%	Sonoma
203	1%	Napa
61	0%	Solano
97	0%	West Contra Costa
12	0%	East Contra Costa
41	0%	North Alameda
8,751	29%	San Francisco
1,028	3%	San Mateo
6	0%	South Alameda
197	1%	Santa Clara
15,865	53%	Marin

3,740	12%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
1,792	6%	San Francisco County Pass-Through
6,959	23%	San Francisco County to Marin County
13,048	43%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	3,411	1	7
2	Unincorporate	San Francisco	2,082	22	7
3	San Rafael	San Francisco	2,010	19	7
4	Larkspur	San Francisco	1,782	14	7
5	Mill Valley	San Francisco	1,614	15	7

Total Destinations		Marin Origins		City	Marin Destinations	
1,443	5%	265	2%	Belvedere	59	1%
321	1%	1,361	9%	Corte Madera	956	12%
58	0%	106	1%	Fairfax	36	0%
266	1%	2,102	13%	Larkspur	589	7%
6	0%	1,938	12%	Mill Valley	448	6%
50	0%	1,058	7%	Novato	1,067	14%
16,806	56%	272	2%	Ross	56	1%
2,417	8%	675	4%	San Anselmo	96	1%
11	0%	2,382	15%	San Rafael	1,872	24%
726	2%	1,911	12%	Sausalito	1,095	14%
7,894	26%	1,321	8%	Tiburon	284	4%
		2,475	16%	Unincorporated	1,336	17%

Non-Summer

Destination

PM	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	0	3	2,079	221	0	69	0	0	0	0	0	0	0	0	0	0	0	0	0	**2,372**
Napa	2	0	0	0	0	0	312	33	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	**351**
Solano	0	0	0	0	0	0	103	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**107**
West Contra Costa	1	0	0	0	0	0	195	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	3	**199**
East Contra Costa	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	9	**16**
North Alameda	2	0	0	0	0	0	28	0	0	0	0	2	0	2	1	1	0	1	0	15	1	8	29	**60**
San Francisco	2,732	114	46	105	9	27	0	0	0	0	231	1,470	79	1,289	1,831	655	263	435	1,765	1,937	765	2,834	13,553	**16,587**
San Mateo	177	25	3	0	0	0	0	0	0	0	19	202	8	125	187	117	22	58	233	245	125	299	1,638	**1,843**
South Alameda	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	2	4	12	**12**
Santa Clara	36	5	0	0	0	0	0	0	0	0	7	52	2	38	54	43	9	24	53	65	29	97	471	**512**
Belvedere	0	0	0	0	0	0	109	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**114**
Corte Madera	0	0	0	0	0	2	856	73	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	**947**
Fairfax	0	0	0	0	0	0	63	8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	**73**
Larkspur	0	0	0	0	0	0	667	53	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	**742**
Mill Valley	0	0	0	0	0	3	827	68	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	**911**
Novato	0	0	0	0	0	0	713	155	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	**887**
Ross	0	0	0	0	0	0	113	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	**122**
San Anselmo	0	0	0	0	0	0	216	22	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	**242**
San Rafael	0	0	0	0	2	2	1,512	198	1	35	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,749**
Sausalito	0	0	0	0	1	12	1,436	120	6	52	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,626**
Tiburon	0	0	0	0	0	1	550	47	1	16	0	0	0	0	0	0	0	0	0	0	0	0	0	**617**
Unincorporated	0	0	0	0	3	14	1,619	180	12	81	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,910**
Marin	0	0	0	0	8	36	8,680	935	21	261	0	0	0	0	0	0	0	0	0	0	0	0	0	**9,941**
Total	**2,950**	**145**	**49**	**105**	**17**	**66**	**11,405**	**1,192**	**21**	**334**	**257**	**1,726**	**88**	**1,454**	**2,074**	**816**	**293**	**519**	**2,052**	**2,267**	**924**	**3,245**	**15,715**	**32,000**

Origin

Trips	Percent	
6,343	20%	Marin County Pass-Through Trips
15,715	49%	Trips in to Marin County
9,941	31%	Trips out of Marin County
0	0%	Intra-County Trips
32,000	**100%**	**Total Trips**

Total Origins		County
2,372	7%	Sonoma
351	1%	Napa
107	0%	Solano
199	1%	West Contra Costa
16	0%	East Contra Costa
60	0%	North Alameda
16,587	52%	San Francisco
1,843	6%	San Mateo
12	0%	South Alameda
512	2%	Santa Clara
9,941	31%	Marin

2,372	7%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
3,033	9%	San Francisco County Pass-Through
13,553	42%	San Francisco County to Marin County
8,680	27%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	Unincorporated	2,834	7	22
2	San Francisco	Sonoma	2,732	7	1
3	Sonoma	San Francisco	2,079	1	7
4	San Francisco	Sausalito	1,937	7	20
5	San Francisco	Mill Valley	1,831	7	15

Total Destinations		Marin Origins		City	Marin Destinations	
2,950	9%	114	1%	Belvedere	257	2%
145	0%	947	10%	Corte Madera	1,726	11%
49	0%	73	1%	Fairfax	88	1%
105	0%	742	7%	Larkspur	1,454	9%
17	0%	911	9%	Mill Valley	2,074	13%
66	0%	887	9%	Novato	816	5%
11,405	36%	122	1%	Ross	293	2%
1,192	4%	242	2%	San Anselmo	519	3%
21	0%	1,749	18%	San Rafael	2,052	13%
334	1%	1,626	16%	Sausalito	2,267	14%
15,715	49%	617	6%	Tiburon	924	6%
		1,910	19%	Unincorporated	3,245	21%

Appendix A - Origin-Destination Data (Select-Link 6 - US 101 at the Golden Gate Bridge)

Directional Trips (based on logic)

Non-Summer

Northbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated Marin	Total	
Sonoma																							0	**0**
Napa	1																						0	**1**
Solano	0	0																					0	**0**
West Contra Costa	0	0	0								0	1	0	0	0	0	0	0	1	0	0	0	1	**1**
East Contra Costa	0	0	0								0	0	0	0	0	0	0	0	1	1	0	3	5	**5**
North Alameda	1	0	0								1	0	0	0	0	1	0	0	1	6	0	3	10	**11**
San Francisco	1,152	305	53	264	3	16					57	871	32	540	412	885	50	81	1,613	1,013	259	1,147	6,959	**8,751**
San Mateo	227	14	6								1	78	4	41	32	171	5	15	229	56	24	126	782	**1,028**
South Alameda	1	0	0								0	0	0	0	0	0	0	0	1	2	0	3	5	**6**
Santa Clara	62	3	0								1	7	0	8	4	9	1	0	28	18	2	54	133	**197**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**1,443**	**321**	**58**	**264**	**3**	**16**	**0**	**0**	**0**	**0**	**59**	**956**	**36**	**589**	**448**	**1,067**	**56**	**96**	**1,872**	**1,095**	**284**	**1,336**	**7,894**	**10,000**
																							Count-->	**10,000**

Trips	Percent	
2,105	21%	Marin County Pass-Through Trips
7,894	79%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
10,000	**100%**	**Total Trips**

Total Origins		County
0	0%	Sonoma
1	0%	Napa
0	0%	Solano
1	0%	West Contra Costa
5	0%	East Contra Costa
11	0%	North Alameda
8,751	88%	San Francisco
1,028	10%	San Mateo
6	0%	South Alameda
197	2%	Santa Clara
0	0%	Marin
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
1,792	18%	San Francisco County Pass-Through
6,959	70%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	San Rafael	1,613	7	19
2	San Francisco	Sonoma	1,152	7	1
3	San Francisco	Unincorporated	1,147	7	22
4	San Francisco	Sausalito	1,013	7	20
5	San Francisco	Novato	885	7	16

Total Destinations		Marin Origins		City	Marin Destinations	
1,443	14%	0	#DIV/0!	Belvedere	59	1%
321	3%	0	#DIV/0!	Corte Madera	956	12%
58	1%	0	#DIV/0!	Fairfax	36	0%
264	3%	0	#DIV/0!	Larkspur	589	7%
3	0%	0	#DIV/0!	Mill Valley	448	6%
16	0%	0	#DIV/0!	Novato	1,067	14%
0	0%	0	#DIV/0!	Ross	56	1%
0	0%	0	#DIV/0!	San Anselmo	96	1%
0	0%	0	#DIV/0!	San Rafael	1,872	24%
7,894	79%	0	#DIV/0!	Sausalito	1,095	14%
		0	#DIV/0!	Tiburon	284	4%
		0	#DIV/0!	Unincorporated	1,336	17%

Non-Summer

Southbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated Marin	Total	
Sonoma		0	0	0	1	1	3,411	288	2	37													0	**3,740**
Napa			0	0	0	1	155	42	0	5													0	**202**
Solano				0	0	0	60	1	0	0													0	**61**
West Contra Costa							96																0	**96**
East Contra Costa							7																0	**7**
North Alameda							30																0	**30**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere				0	0	0	238	20	0	7													0	**265**
Corte Madera				0	0	2	1,105	187	0	67													0	**1,361**
Fairfax				0	0	0	88	13	0	6													0	**106**
Larkspur				0	0	1	1,782	268	0	51													0	**2,102**
Mill Valley				0	1	1	1,614	252	1	69													0	**1,938**
Novato				0	0	1	830	155	0	72													0	**1,058**
Ross				0	0	0	243	22	0	7													0	**272**
San Anselmo				0	0	1	505	94	1	73													0	**675**
San Rafael				1	0	0	2,010	294	1	76													0	**2,382**
Sausalito				0	2	20	1,511	295	2	80													0	**1,911**
Tiburon				0	0	1	1,041	190	1	88													0	**1,321**
Unincorporated				0	0	6	2,082	296	3	87													0	**2,475**
Marin	0	0	0	2	3	32	13,048	2,086	9	684	0	0	0	0	0	0	0	0	0	0	0	0	0	**15,865**
Total	**0**	**0**	**0**	**2**	**4**	**34**	**16,806**	**2,417**	**11**	**726**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20,000**
																							Count-->	**20,000**

Trips	Percent	
4,135	21%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
15,865	79%	Trips out of Marin County
0	0%	Intra-County Trips
20,000	**100%**	**Total Trips**

Total Origins		County
3,740	19%	Sonoma
202	1%	Napa
61	0%	Solano
96	0%	West Contra Costa
7	0%	East Contra Costa
30	0%	North Alameda
0	0%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
15,865	79%	Marin
3,740	19%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
13,048	65%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	3,411	1	7
2	Unincorporate	San Francisco	2,082	22	7
3	San Rafael	San Francisco	2,010	19	7
4	Larkspur	San Francisco	1,782	14	7
5	Mill Valley	San Francisco	1,614	15	7

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	265	2%	Belvedere	0	#DIV/0!
0	0%	1,361	9%	Corte Madera	0	#DIV/0!
0	0%	106	1%	Fairfax	0	#DIV/0!
2	0%	2,102	13%	Larkspur	0	#DIV/0!
4	0%	1,938	12%	Mill Valley	0	#DIV/0!
34	0%	1,058	7%	Novato	0	#DIV/0!
16,806	84%	272	2%	Ross	0	#DIV/0!
2,417	12%	675	4%	San Anselmo	0	#DIV/0!
11	0%	2,382	15%	San Rafael	0	#DIV/0!
726	4%	1,911	12%	Sausalito	0	#DIV/0!
0	0%	1,321	8%	Tiburon	0	#DIV/0!
		2,475	16%	Unincorporated	0	#DIV/0!

Appendix A - Origin-Destination Data (Select-Link 6 - US 101 at the Golden Gate Bridge)

Non-Summer

Northbound PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	2																						0	**2**
Solano	0	0																					0	**0**
West Contra Costa	1	0	0								0	0	0	0	0	0	0	1	1	0	0	1	3	**4**
East Contra Costa	0	0	0								0	0	0	0	0	0	0	0	1	2	2	3	9	**9**
North Alameda	2	0	0								0	2	0	2	1	1	0	1	0	15	1	8	29	**31**
San Francisco	2,732	114	46	105	9	27					231	1,470	79	1,289	1,831	655	263	435	1,765	1,937	765	2,834	13,553	**16,587**
San Mateo	177	25	3								19	202	8	125	187	117	22	58	233	245	125	299	1,638	**1,843**
South Alameda	1	0	0								0	0	0	0	1	0	0	0	1	3	2	4	12	**12**
Santa Clara	36	5	0								7	52	2	38	54	43	9	24	53	65	29	97	471	**512**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**2,950**	**144**	**49**	**105**	**9**	**27**	**0**	**0**	**0**	**0**	**257**	**1,726**	**88**	**1,454**	**2,074**	**816**	**293**	**519**	**2,052**	**2,267**	**924**	**3,245**	**15,715**	**19,000**
																							Count-->	**19,000**

Trips	Percent	
3,285	17%	Marin County Pass-Through Trips
15,715	83%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
19,000	**100%**	**Total Trips**

Total Origins		County
0	0%	Sonoma
2	0%	Napa
0	0%	Solano
4	0%	West Contra Costa
9	0%	East Contra Costa
31	0%	North Alameda
16,587	87%	San Francisco
1,843	10%	San Mateo
12	0%	South Alameda
512	3%	Santa Clara
0	0%	Marin
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
3,033	16%	San Francisco County Pass-Through
13,553	71%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	Unincorporated	2,834	7	22
2	San Francisco	Sonoma	2,732	7	1
3	San Francisco	Sausalito	1,937	7	20
4	San Francisco	Mill Valley	1,831	7	15
5	San Francisco	San Rafael	1,765	7	19

Total Destinations		Marin Origins		City	Marin Destinations	
2,950	16%	0	#DIV/0!	Belvedere	257	2%
144	1%	0	#DIV/0!	Corte Madera	1,726	11%
49	0%	0	#DIV/0!	Fairfax	88	1%
105	1%	0	#DIV/0!	Larkspur	1,454	9%
9	0%	0	#DIV/0!	Mill Valley	2,074	13%
27	0%	0	#DIV/0!	Novato	816	5%
0	0%	0	#DIV/0!	Ross	293	2%
0	0%	0	#DIV/0!	San Anselmo	519	3%
0	0%	0	#DIV/0!	San Rafael	2,052	13%
0	0%	0	#DIV/0!	Sausalito	2,267	14%
15,715	83%	0	#DIV/0!	Tiburon	924	6%
		0	#DIV/0!	Unincorporated	3,245	21%

Non-Summer

Southbound PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	0	0	0	3	2,079	221	0	69													0	**2,372**
Napa			0	0	0	0	312	33	0	4													0	**350**
Solano				0	0	0	103	3	0	0													0	**107**
West Contra Costa							195																0	**195**
East Contra Costa							7																0	**7**
North Alameda							28																0	**28**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere				0	0	0	109	4	0	1													0	**114**
Corte Madera				0	0	2	856	73	0	15													0	**947**
Fairfax				0	0	0	63	8	0	2													0	**73**
Larkspur				0	0	0	667	53	0	22													0	**742**
Mill Valley				0	0	3	827	68	0	13													0	**911**
Novato				0	0	0	713	155	0	18													0	**887**
Ross				0	0	0	113	7	0	2													0	**122**
San Anselmo				0	0	0	216	22	0	4													0	**242**
San Rafael				0	2	2	1,512	198	1	35													0	**1,749**
Sausalito				0	1	12	1,436	120	6	52													0	**1,626**
Tiburon				0	0	1	550	47	1	16													0	**617**
Unincorporated				0	3	14	1,619	180	12	81													0	**1,910**
Marin	0	0	0	0	8	36	8,680	935	21	261	0	0	0	0	0	0	0	0	0	0	0	0	0	**9,941**
Total	**0**	**0**	**0**	**0**	**8**	**39**	**11,405**	**1,192**	**21**	**334**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**13,000**
																							Count-->	**13,000**

Trips	Percent	
3,059	24%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
9,941	76%	Trips out of Marin County
0	0%	Intra-County Trips
13,000	**100%**	**Total Trips**

Total Origins		County
2,372	18%	Sonoma
350	3%	Napa
107	1%	Solano
195	1%	West Contra Costa
7	0%	East Contra Costa
28	0%	North Alameda
0	0%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
9,941	76%	Marin
2,372	18%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
8,680	67%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	2,079	1	7
2	Unincorporate	San Francisco	1,619	22	7
3	San Rafael	San Francisco	1,512	19	7
4	Sausalito	San Francisco	1,436	20	7
5	Corte Madera	San Francisco	856	12	7

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	114	1%	Belvedere	0	#DIV/0!
0	0%	947	10%	Corte Madera	0	#DIV/0!
0	0%	73	1%	Fairfax	0	#DIV/0!
0	0%	742	7%	Larkspur	0	#DIV/0!
8	0%	911	9%	Mill Valley	0	#DIV/0!
39	0%	887	9%	Novato	0	#DIV/0!
11,405	88%	122	1%	Ross	0	#DIV/0!
1,192	9%	242	2%	San Anselmo	0	#DIV/0!
21	0%	1,749	18%	San Rafael	0	#DIV/0!
334	3%	1,626	16%	Sausalito	0	#DIV/0!
0	0%	617	6%	Tiburon	0	#DIV/0!
		1,910	19%	Unincorporated	0	#DIV/0!

Appendix A - Origin-Destination Data (Select-Link 7 - SR 37 at the Sonoma/Marin County Line)

Non-Summer

AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	21	52	24	391	938	283	21	56	2	238	2	196	52	563	3	2	781	62	8	122	2,028	**3,814**
Napa	4	0	0	2	0	3	729	168	2	23	2	45	3	160	107	252	3	5	377	23	7	48	1,030	**1,960**
Solano	52	1	0	0	0	0	137	3	0	0	2	21	18	10	21	370	0	8	535	14	41	52	1,091	**1,284**
West Contra Costa	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**7**
East Contra Costa	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**122**
North Alameda	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**30**
San Francisco	261	438	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**769**
San Mateo	59	16	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**83**
South Alameda	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
Santa Clara	33	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**34**
Belvedere	11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**14**
Corte Madera	97	20	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**177**
Fairfax	1	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**14**
Larkspur	57	62	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**140**
Mill Valley	35	82	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**131**
Novato	260	87	128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**475**
Ross	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**8**
San Anselmo	14	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**43**
San Rafael	128	126	204	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**458**
Sausalito	54	37	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**110**
Tiburon	29	21	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**71**
Unincorporated	55	41	155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**251**
Marin	748	494	650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,893**
Total	**1,321**	**951**	**749**	**53**	**24**	**394**	**1,804**	**454**	**23**	**79**	**5**	**304**	**23**	**365**	**179**	**1,184**	**6**	**14**	**1,693**	**98**	**56**	**222**	**4,149**	**10,000**

Trips	Percent	
3,959	40%	Marin County Pass-Through Trips
4,149	41%	Trips in to Marin County
1,893	19%	Trips out of Marin County
0	0%	Intra-County Trips
10,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	938	1	7
2	Sonoma	San Rafael	781	1	19
3	Napa	San Francisco	729	2	7
4	Sonoma	Novato	563	1	16
5	Solano	San Rafael	535	3	19

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
3,814	38%	Sonoma	1,321	13%	14	1%	Belvedere	5	0%
1,960	20%	Napa	951	10%	177	9%	Corte Madera	304	7%
1,284	13%	Solano	749	7%	14	1%	Fairfax	23	1%
7	0%	West Contra Costa	53	1%	140	7%	Larkspur	365	9%
122	1%	East Contra Costa	24	0%	131	7%	Mill Valley	179	4%
30	0%	North Alameda	394	4%	475	25%	Novato	1,184	29%
769	8%	San Francisco	1,804	18%	8	0%	Ross	6	0%
83	1%	San Mateo	454	5%	43	2%	San Anselmo	14	0%
5	0%	South Alameda	23	0%	458	24%	San Rafael	1,693	41%
34	0%	Santa Clara	79	1%	110	6%	Sausalito	98	2%
1,893	19%	Marin	4,149	41%	71	4%	Tiburon	56	1%
					251	13%	Unincorporated	222	5%

1,785	18%	Sonoma County Pass-Through
2,028	20%	Sonoma County to Marin County
748	7%	Marin County to Sonoma County
769	8%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Non-Summer

PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	2	13	11	22	77	577	99	8	23	13	158	8	53	56	342	11	11	259	75	39	78	1,102	**1,935**
Napa	6	0	0	0	1	2	526	56	1	6	2	64	7	59	62	189	4	12	210	50	25	67	752	**1,350**
Solano	9	0	0	0	0	1	133	6	0	0	2	47	2	39	32	159	2	30	125	20	15	108	581	**730**
West Contra Costa	48	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**49**
East Contra Costa	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**6**
North Alameda	232	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**234**
San Francisco	771	316	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,162**
San Mateo	161	76	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**243**
South Alameda	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**17**
Santa Clara	43	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**58**
Belvedere	2	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**12**
Corte Madera	309	100	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**439**
Fairfax	3	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**13**
Larkspur	100	128	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**249**
Mill Valley	71	78	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**162**
Novato	1,322	160	199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,681**
Ross	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**12**
San Anselmo	12	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**28**
San Rafael	777	207	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,143**
Sausalito	103	44	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**158**
Tiburon	30	21	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**79**
Unincorporated	116	80	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**240**
Marin	2,852	851	512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**4,215**
Total	**4,145**	**1,263**	**607**	**11**	**22**	**80**	**1,236**	**161**	**9**	**30**	**17**	**269**	**17**	**151**	**150**	**689**	**16**	**52**	**595**	**145**	**79**	**254**	**2,435**	**10,000**

Trips	Percent	
3,350	34%	Marin County Pass-Through Trips
2,435	24%	Trips in to Marin County
4,215	42%	Trips out of Marin County
0	0%	Intra-County Trips
10,000	**100%**	**Total Trips**

Top 5 Movements

#	From	To	Value	Row	Column
1	Novato	Sonoma	1,322	16	1
2	San Rafael	Sonoma	777	19	1
3	San Francisco	Sonoma	771	7	1
4	Sonoma	San Francisco	577	1	7
5	Napa	San Francisco	526	2	7

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
1,935	19%	Sonoma	4,145	41%	12	0%	Belvedere	17	1%
1,350	14%	Napa	1,263	13%	439	10%	Corte Madera	269	11%
730	7%	Solano	607	6%	13	0%	Fairfax	17	1%
49	0%	West Contra Costa	11	0%	249	6%	Larkspur	151	6%
6	0%	East Contra Costa	22	0%	162	4%	Mill Valley	150	6%
234	2%	North Alameda	80	1%	1,681	40%	Novato	689	28%
1,162	12%	San Francisco	1,236	12%	12	0%	Ross	16	1%
243	2%	San Mateo	161	2%	28	1%	San Anselmo	52	2%
17	0%	South Alameda	9	0%	1,143	27%	San Rafael	595	24%
58	1%	Santa Clara	30	0%	158	4%	Sausalito	145	6%
4,215	42%	Marin	2,435	24%	79	2%	Tiburon	79	3%
					240	6%	Unincorporated	254	10%

833	8%	Sonoma County Pass-Through
1,102	11%	Sonoma County to Marin County
2,852	29%	Marin County to Sonoma County
1,162	12%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 7 - SR 37 at the Sonoma/Marin County Line)

Directional Trips (based on logic)

Non-Summer

Destination

Eastbound AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	4																						0	**4**
Solano	52	1																					0	**53**
West Contra Costa	7	0	0																				0	**7**
East Contra Costa	122	0	0																				0	**122**
North Alameda	30	0	0																				0	**30**
San Francisco	261	438	69																				0	**769**
San Mateo	59	16	8																				0	**83**
South Alameda	5	0	0																				0	**5**
Santa Clara	33	1	0																				0	**34**
Belvedere	11	3	1																				0	**14**
Corte Madera	97	20	60																				0	**177**
Fairfax	1	1	12																				0	**14**
Larkspur	57	62	21																				0	**140**
Mill Valley	35	82	14																				0	**131**
Novato	260	87	128																				0	**475**
Ross	6	2	0																				0	**8**
San Anselmo	14	14	14																				0	**43**
San Rafael	128	126	204																				0	**458**
Sausalito	54	37	19																				0	**110**
Tiburon	29	21	22																				0	**71**
Unincorporated	55	41	155																				0	**251**
Marin	748	494	650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,893**
Total	**1,321**	**951**	**728**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,000**
																							Count-->	**3,000**

Trips	Percent	
1,107	37%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
1,893	63%	Trips out of Marin County
0	0%	Intra-County Trips
3,000	**100%**	**Total Trips**

Total Origins		County
0	0%	Sonoma
4	0%	Napa
53	2%	Solano
7	0%	West Contra Costa
122	4%	East Contra Costa
30	1%	North Alameda
769	26%	San Francisco
83	3%	San Mateo
5	0%	South Alameda
34	1%	Santa Clara
1,893	63%	Marin
0	0%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
748	25%	Marin County to Sonoma County
769	26%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	Napa	438	7	2
2	San Francisco	Sonoma	261	7	1
3	Novato	Sonoma	260	16	1
4	San Rafael	Solano	204	19	3
5	Unincorporate	Solano	155	22	3

Total Destinations		Marin Origins		City	Marin Destinations	
1,321	44%	14	1%	Belvedere	0	#DIV/0!
951	32%	177	9%	Corte Madera	0	#DIV/0!
728	24%	14	1%	Fairfax	0	#DIV/0!
0	0%	140	7%	Larkspur	0	#DIV/0!
0	0%	131	7%	Mill Valley	0	#DIV/0!
0	0%	475	25%	Novato	0	#DIV/0!
0	0%	8	0%	Ross	0	#DIV/0!
0	0%	43	2%	San Anselmo	0	#DIV/0!
0	0%	458	24%	San Rafael	0	#DIV/0!
0	0%	110	6%	Sausalito	0	#DIV/0!
0	0%	71	4%	Tiburon	0	#DIV/0!
		251	13%	Unincorporated	0	#DIV/0!

Non-Summer

Destination

Westbound AM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	21	52	24	391	938	283	21	56	2	238	2	196	52	563	3	2	781	62	8	122	2,028	**3,814**
Napa		0	2	0	3	729	168	2	23	2	45	3	160	107	252	3	5	377	23	7	48	1,030	**1,956**
Solano			0	0	0	137	3	0	0	2	21	18	10	21	370	0	8	535	14	41	52	1,091	**1,231**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**0**	**0**	**21**	**53**	**24**	**394**	**1,804**	**454**	**23**	**79**	**5**	**304**	**23**	**365**	**179**	**1,184**	**6**	**14**	**1,693**	**98**	**56**	**222**	**4,149**	**7,000**
																							Count-->	**7,000**

Trips	Percent	
2,851	41%	Marin County Pass-Through Trips
4,149	59%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
7,000	**100%**	**Total Trips**

Total Origins		County
3,814	54%	Sonoma
1,956	28%	Napa
1,231	18%	Solano
0	0%	West Contra Costa
0	0%	East Contra Costa
0	0%	North Alameda
0	0%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
0	0%	Marin
1,785	26%	Sonoma County Pass-Through
2,028	29%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
0	0%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	938	1	7
2	Sonoma	San Rafael	781	1	19
3	Napa	San Francisco	729	2	7
4	Sonoma	Novato	563	1	16
5	Solano	San Rafael	535	3	19

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	0	#DIV/0!	Belvedere	5	0%
0	0%	0	#DIV/0!	Corte Madera	304	7%
21	0%	0	#DIV/0!	Fairfax	23	1%
53	1%	0	#DIV/0!	Larkspur	365	9%
24	0%	0	#DIV/0!	Mill Valley	179	4%
394	6%	0	#DIV/0!	Novato	1,184	29%
1,804	26%	0	#DIV/0!	Ross	6	0%
454	6%	0	#DIV/0!	San Anselmo	14	0%
23	0%	0	#DIV/0!	San Rafael	1,693	41%
79	1%	0	#DIV/0!	Sausalito	98	2%
4,149	59%	0	#DIV/0!	Tiburon	56	1%
		0	#DIV/0!	Unincorporated	222	5%

Appendix A - Origin-Destination Data (Select-Link 7 - SR 37 at the Sonoma/Marin County Line)

Non-Summer — Destination

Eastbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma																							0	**0**
Napa	6																						0	**6**
Solano	9	0																					0	**9**
West Contra Costa	48	0	1																				0	**49**
East Contra Costa	6	0	0																				0	**6**
North Alameda	232	2	0																				0	**234**
San Francisco	771	316	75																				0	**1,162**
San Mateo	161	76	6																				0	**243**
South Alameda	17	0	0																				0	**17**
Santa Clara	43	15	0																				0	**58**
Belvedere	2	9	1																				0	**12**
Corte Madera	309	100	29																				0	**439**
Fairfax	3	5	5																				0	**13**
Larkspur	100	128	20																				0	**249**
Mill Valley	71	78	12																				0	**162**
Novato	1,322	160	199																				0	**1,681**
Ross	5	5	2																				0	**12**
San Anselmo	12	13	3																				0	**28**
San Rafael	777	207	159																				0	**1,143**
Sausalito	103	44	10																				0	**158**
Tiburon	30	21	27																				0	**79**
Unincorporated	116	80	44																				0	**240**
Marin	2,852	851	512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**4,215**
Total	**4,145**	**1,261**	**594**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6,000**
																							Count-->	**6,000**

Top 5 Movements

Trips	Percent	
1,785	30%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
4,215	70%	Trips out of Marin County
0	0%	Intra-County Trips
6,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	Novato	Sonoma	1,322	16	1
2	San Rafael	Sonoma	777	19	1
3	San Francisco	Sonoma	771	7	1
4	San Francisco	Napa	316	7	2
5	Corte Madera	Sonoma	309	12	1

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	Sonoma	4,145	69%	12	0%	Belvedere	0	#DIV/0!
6	0%	Napa	1,261	21%	439	10%	Corte Madera	0	#DIV/0!
9	0%	Solano	594	10%	13	0%	Fairfax	0	#DIV/0!
49	1%	West Contra Costa	0	0%	249	6%	Larkspur	0	#DIV/0!
6	0%	East Contra Costa	0	0%	162	4%	Mill Valley	0	#DIV/0!
234	4%	North Alameda	0	0%	1,681	40%	Novato	0	#DIV/0!
1,162	19%	San Francisco	0	0%	12	0%	Ross	0	#DIV/0!
243	4%	San Mateo	0	0%	28	1%	San Anselmo	0	#DIV/0!
17	0%	South Alameda	0	0%	1,143	27%	San Rafael	0	#DIV/0!
58	1%	Santa Clara	0	0%	158	4%	Sausalito	0	#DIV/0!
4,215	70%	Marin	0	0%	79	2%	Tiburon	0	#DIV/0!
					240	6%	Unincorporated	0	#DIV/0!
0	0%	Sonoma County Pass-Through							
0	0%	Sonoma County to Marin County							
2,852	48%	Marin County to Sonoma County							
1,162	19%	San Francisco County Pass-Through							
0	0%	San Francisco County to Marin County							
0	0%	Marin County to San Francisco County							

Non-Summer — Destination

Westbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		2	13	11	22	77	577	99	8	23	13	158	8	53	56	342	11	11	259	75	39	78	1,102	**1,935**
Napa			0	0	1	2	526	56	1	6	2	64	7	59	62	189	4	12	210	50	25	67	752	**1,344**
Solano				0	0	1	133	6	0	0	2	47	2	39	32	159	2	30	125	20	15	108	581	**720**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco																							0	**0**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**0**	**2**	**13**	**11**	**22**	**80**	**1,236**	**161**	**9**	**30**	**17**	**269**	**17**	**151**	**150**	**689**	**16**	**52**	**595**	**145**	**79**	**254**	**2,435**	**4,000**
																							Count-->	**4,000**

Top 5 Movements

Trips	Percent	
1,565	39%	Marin County Pass-Through Trips
2,435	61%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
4,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	Sonoma	San Francisco	577	1	7
2	Napa	San Francisco	526	2	7
3	Sonoma	Novato	342	1	16
4	Sonoma	San Rafael	259	1	19
5	Napa	San Rafael	210	2	19

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
1,935	48%	Sonoma	0	0%	0	#DIV/0!	Belvedere	17	1%
1,344	34%	Napa	2	0%	0	#DIV/0!	Corte Madera	269	11%
720	18%	Solano	13	0%	0	#DIV/0!	Fairfax	17	1%
0	0%	West Contra Costa	11	0%	0	#DIV/0!	Larkspur	151	6%
0	0%	East Contra Costa	22	1%	0	#DIV/0!	Mill Valley	150	6%
0	0%	North Alameda	80	2%	0	#DIV/0!	Novato	689	28%
0	0%	San Francisco	1,236	31%	0	#DIV/0!	Ross	16	1%
0	0%	San Mateo	161	4%	0	#DIV/0!	San Anselmo	52	2%
0	0%	South Alameda	9	0%	0	#DIV/0!	San Rafael	595	24%
0	0%	Santa Clara	30	1%	0	#DIV/0!	Sausalito	145	6%
0	0%	Marin	2,435	61%	0	#DIV/0!	Tiburon	79	3%
					0	#DIV/0!	Unincorporated	254	10%
833	21%	Sonoma County Pass-Through							
1,102	28%	Sonoma County to Marin County							
0	0%	Marin County to Sonoma County							
0	0%	San Francisco County Pass-Through							
0	0%	San Francisco County to Marin County							
0	0%	Marin County to San Francisco County							

Appendix A - Origin-Destination Data (Select-Link 8 - I-580 at the Contra Costa/Marin County Line)

Non-Summer

AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	87	7	346	3	5	43	22	0	1	0	0	0	3	0	0	3	0	0	0	7	**521**
Napa	0	0	0	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	**9**
Solano	1	0	0	0	0	0	42	1	0	0	0	18	21	34	6	1	0	4	220	7	4	19	335	**379**
West Contra Costa	270	0	0	0	0	0	451	0	0	0	7	247	7	262	117	377	4	8	2,586	189	138	183	4,125	**4,846**
East Contra Costa	128	0	0	0	0	0	43	0	0	0	3	61	4	98	26	364	3	48	1,452	74	25	87	2,246	**2,418**
North Alameda	865	1	0	0	0	0	133	0	0	0	4	130	14	130	79	872	25	14	2,241	125	37	297	3,971	**4,971**
San Francisco	54	1	8	191	1	10	0	0	0	0	0	1	1	4	0	101	0	3	95	0	0	7	214	**481**
San Mateo	19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	3	27	0	0	3	39	**58**
South Alameda	130	0	0	0	0	0	0	0	0	0	0	37	0	22	68	142	1	7	173	101	71	38	660	**790**
Santa Clara	143	0	0	0	0	0	0	0	0	0	0	0	0	7	0	103	0	0	37	1	0	1	150	**293**
Belvedere	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**10**
Corte Madera	0	0	2	72	28	253	0	0	59	2	0	0	0	0	0	0	0	0	0	0	0	0	0	**417**
Fairfax	0	0	1	2	1	12	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**20**
Larkspur	0	0	12	73	47	270	2	0	30	9	0	0	0	0	0	0	0	0	0	0	0	0	0	**443**
Mill Valley	0	0	1	24	83	113	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**237**
Novato	0	0	0	21	13	257	1	0	12	17	0	0	0	0	0	0	0	0	0	0	0	0	0	**322**
Ross	0	0	0	3	62	16	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**84**
San Anselmo	0	0	0	71	59	107	0	1	61	4	0	0	0	0	0	0	0	0	0	0	0	0	0	**303**
San Rafael	0	0	2	240	170	741	25	4	107	16	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,307**
Sausalito	0	0	0	29	74	133	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**254**
Tiburon	0	0	1	23	158	234	0	0	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**450**
Unincorporated	0	0	3	25	53	280	2	1	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	**389**
Marin	0	1	25	583	749	2,422	32	7	360	56	0	0	0	0	0	0	0	0	0	0	0	0	0	**4,235**
Total	**1,612**	**4**	**33**	**861**	**758**	**2,780**	**707**	**15**	**403**	**78**	**14**	**497**	**48**	**558**	**296**	**1,968**	**34**	**88**	**6,836**	**498**	**276**	**638**	**11,750**	**19,000**

Trips	Percent	
3,015	16%	Marin County Pass-Through Trips
11,750	62%	Trips in to Marin County
4,235	22%	Trips out of Marin County
0	0%	Intra-County Trips
19,000	**100%**	**Total Trips**

Total Origins		County
521	3%	Sonoma
9	0%	Napa
379	2%	Solano
4,846	26%	West Contra Costa
2,418	13%	East Contra Costa
4,971	26%	North Alameda
481	3%	San Francisco
58	0%	San Mateo
790	4%	South Alameda
293	2%	Santa Clara
4,235	22%	Marin
514	3%	Sonoma County Pass-Through
7	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
267	1%	San Francisco County Pass-Through
214	1%	San Francisco County to Marin County
32	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	West Contra Co	San Rafael	2,586	4	19
2	North Alameda	San Rafael	2,241	6	19
3	East Contra Cos	San Rafael	1,452	5	19
4	North Alameda	Novato	872	6	16
5	North Alameda	Sonoma	865	6	1

Total Destinations		Marin Origins		City	Marin Destinations	
1,612	8%	10	0%	Belvedere	14	0%
4	0%	417	10%	Corte Madera	497	4%
33	0%	20	0%	Fairfax	48	0%
861	5%	443	10%	Larkspur	558	5%
758	4%	237	6%	Mill Valley	296	3%
2,780	15%	322	8%	Novato	1,968	17%
707	4%	84	2%	Ross	34	0%
15	0%	303	7%	San Anselmo	88	1%
403	2%	1,307	31%	San Rafael	6,836	58%
78	0%	254	6%	Sausalito	498	4%
11,750	62%	450	11%	Tiburon	276	2%
		389	9%	Unincorporated	638	5%

Non-Summer

PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	3	230	84	920	25	10	189	185	0	0	0	0	0	0	0	0	1	0	0	2	2	**1,648**
Napa	0	0	0	0	0	4	3	1	4	1	0	0	0	0	1	0	0	0	1	0	0	1	2	**16**
Solano	0	0	0	0	0	1	80	0	0	0	0	3	2	21	6	2	0	1	29	11	5	5	84	**166**
West Contra Costa	206	0	2	0	0	0	333	0	0	0	3	148	6	128	63	81	8	114	679	53	57	49	1,390	**1,931**
East Contra Costa	9	0	0	0	0	0	13	0	0	0	7	85	2	161	129	32	65	66	297	95	118	111	1,170	**1,192**
North Alameda	535	2	0	0	0	0	47	0	0	0	6	502	25	522	448	437	21	196	1,295	234	167	380	4,234	**4,819**
San Francisco	16	6	60	398	34	109	0	0	0	0	0	2	0	5	2	8	0	2	96	0	1	2	117	**740**
San Mateo	13	1	2	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	7	0	1	0	10	**25**
South Alameda	79	1	0	0	0	0	0	0	0	0	2	47	3	66	31	31	4	54	168	21	18	54	501	**580**
Santa Clara	53	0	0	0	0	0	0	0	0	0	0	11	4	8	1	25	2	5	45	0	2	7	111	**164**
Belvedere	0	0	0	46	3	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**162**
Corte Madera	0	0	21	305	85	292	4	4	36	9	0	0	0	0	0	0	0	0	0	0	0	0	0	**757**
Fairfax	0	0	3	15	4	40	1	1	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	**82**
Larkspur	0	1	10	184	107	273	4	0	26	6	0	0	0	0	0	0	0	0	0	0	0	0	0	**612**
Mill Valley	0	1	9	91	42	217	0	0	36	3	0	0	0	0	0	0	0	0	0	0	0	0	0	**399**
Novato	0	1	3	357	298	854	5	1	91	73	0	0	0	0	0	0	0	0	0	0	0	0	0	**1,683**
Ross	0	0	1	10	1	30	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**44**
San Anselmo	0	1	1	21	38	136	3	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	**207**
San Rafael	0	13	153	2,353	1,001	2,281	58	15	194	77	0	0	0	0	0	0	0	0	0	0	0	0	0	**6,145**
Sausalito	0	0	7	83	87	158	1	1	48	7	0	0	0	0	0	0	0	0	0	0	0	0	0	**392**
Tiburon	0	1	17	130	50	171	3	1	39	3	0	0	0	0	0	0	0	0	0	0	0	0	0	**416**
Unincorporated	0	4	26	227	96	348	5	5	87	21	0	0	0	0	0	0	0	0	0	0	0	0	0	**820**
Marin	0	23	252	3,823	1,811	4,913	85	30	569	210	0	0	0	0	0	0	0	0	0	0	0	0	0	**11,719**
Total	**912**	**33**	**319**	**4,452**	**1,929**	**5,947**	**586**	**42**	**763**	**397**	**18**	**799**	**42**	**913**	**680**	**616**	**101**	**438**	**2,618**	**414**	**369**	**611**	**7,621**	**23,000**

Trips	Percent	
3,660	16%	Marin County Pass-Through Trips
7,621	33%	Trips in to Marin County
11,719	51%	Trips out of Marin County
0	0%	Intra-County Trips
23,000	**100%**	**Total Trips**

Total Origins		County
1,648	7%	Sonoma
16	0%	Napa
166	1%	Solano
1,931	8%	West Contra Costa
1,192	5%	East Contra Costa
4,819	21%	North Alameda
740	3%	San Francisco
25	0%	San Mateo
580	3%	South Alameda
164	1%	Santa Clara
11,719	51%	Marin
1,646	7%	Sonoma County Pass-Through
2	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
623	3%	San Francisco County Pass-Through
117	1%	San Francisco County to Marin County
85	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	West Contra Costa	2,353	19	4
2	San Rafael	North Alameda	2,281	19	6
3	North Alameda	San Rafael	1,295	6	19
4	San Rafael	East Contra Costa	1,001	19	5
5	Sonoma	North Alameda	920	1	6

Total Destinations		Marin Origins		City	Marin Destinations	
912	4%	162	1%	Belvedere	18	0%
33	0%	757	6%	Corte Madera	799	10%
319	1%	82	1%	Fairfax	42	1%
4,452	19%	612	5%	Larkspur	913	12%
1,929	8%	399	3%	Mill Valley	680	9%
5,947	26%	1,683	14%	Novato	616	8%
586	3%	44	0%	Ross	101	1%
42	0%	207	2%	San Anselmo	438	6%
763	3%	6,145	52%	San Rafael	2,618	34%
397	2%	392	3%	Sausalito	414	5%
7,621	33%	416	4%	Tiburon	369	5%
		820	7%	Unincorporated	611	8%

Appendix A - Origin-Destination Data (Select-Link 8 - I-580 at the Contra Costa/Marin County Line)

Directional Trips (based on logic)

Non-Summer

Westbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma											0	1	0	0	0	3	0	0	3	0	0	0	7	**7**
Napa	0										0	0	0	0	0	0	0	0	1	0	0	1	3	**3**
Solano	1	0									0	18	21	34	6	1	0	4	220	7	4	19	335	**336**
West Contra Costa	270	0	0			451					7	247	7	262	117	377	4	8	2,586	189	138	183	4,125	**4,846**
East Contra Costa	128	0	0			43					3	61	4	98	26	364	3	48	1,452	74	25	87	2,246	**2,418**
North Alameda	865	1	0			133					4	130	14	130	79	872	25	14	2,241	125	37	297	3,971	**4,971**
San Francisco	54	1	8								0	1	1	4	0	101	0	3	95	0	0	7	214	**278**
San Mateo	19	0	0								0	0	0	1	0	4	0	3	27	0	0	3	39	**58**
South Alameda	130	0	0								0	37	0	22	68	142	1	7	173	101	71	38	660	**790**
Santa Clara	143	0	0								0	0	0	7	0	103	0	0	37	1	0	1	150	**293**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**1,612**	**3**	**8**	**0**	**0**	**0**	**627**	**0**	**0**	**0**	**14**	**497**	**48**	**558**	**296**	**1,968**	**34**	**88**	**6,836**	**498**	**276**	**638**	**11,750**	**14,000**
																							Count-->	**14,000**

	Trips	Percent	
	2,250	16%	Marin County Pass-Through Trips
	11,750	84%	Trips in to Marin County
	0	0%	Trips out of Marin County
	0	0%	Intra-County Trips
	14,000	**100%**	**Total Trips**

Total Origins		County
7	0%	Sonoma
3	0%	Napa
336	2%	Solano
4,846	35%	West Contra Costa
2,418	17%	East Contra Costa
4,971	36%	North Alameda
278	2%	San Francisco
58	0%	San Mateo
790	6%	South Alameda
293	2%	Santa Clara
0	0%	Marin
0	0%	Sonoma County Pass-Through
7	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
64	0%	San Francisco County Pass-Through
214	2%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	West Contra Cc	San Rafael	2,586	4	19
2	North Alameda	San Rafael	2,241	6	19
3	East Contra Cos	San Rafael	1,452	5	19
4	North Alameda	Novato	872	6	16
5	North Alameda	Sonoma	865	6	1

Total Destinations		Marin Origins		City	Marin Destinations	
1,612	12%	0	#DIV/0!	Belvedere	14	0%
3	0%	0	#DIV/0!	Corte Madera	497	4%
8	0%	0	#DIV/0!	Fairfax	48	0%
0	0%	0	#DIV/0!	Larkspur	558	5%
0	0%	0	#DIV/0!	Mill Valley	296	3%
0	0%	0	#DIV/0!	Novato	1,968	17%
627	4%	0	#DIV/0!	Ross	34	0%
0	0%	0	#DIV/0!	San Anselmo	88	1%
0	0%	0	#DIV/0!	San Rafael	6,836	58%
0	0%	0	#DIV/0!	Sausalito	498	4%
11,750	84%	0	#DIV/0!	Tiburon	276	2%
		0	#DIV/0!	Unincorporated	638	5%

Non-Summer

Eastbound AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	0	87	7	346	3	5	43	22													0	**514**
Napa			0	0	0	1	3	2	0	0													0	**6**
Solano				0	0	0	42	1	0	0													0	**43**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco				191	1	10																	0	**203**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere	0	0	0	0	2	7	0	0	0	0													0	**10**
Corte Madera	0	0	2	72	28	253	0	0	59	2													0	**417**
Fairfax	0	0	1	2	1	12	0	0	3	0													0	**20**
Larkspur	0	0	12	73	47	270	2	0	30	9													0	**443**
Mill Valley	0	0	1	24	83	113	0	0	16	0													0	**237**
Novato	0	0	0	21	13	257	1	0	12	17													0	**322**
Ross	0	0	0	3	62	16	0	0	3	0													0	**84**
San Anselmo	0	0	0	71	59	107	0	1	61	4													0	**303**
San Rafael	0	0	2	240	170	741	25	4	107	16													0	**1,307**
Sausalito	0	0	0	29	74	133	0	0	16	0													0	**254**
Tiburon	0	0	1	23	158	234	0	0	32	1													0	**450**
Unincorporated	0	0	3	25	53	280	2	1	19	5													0	**389**
Marin	0	1	25	583	749	2,422	32	7	360	56	0	0	0	0	0	0	0	0	0	0	0	0	0	**4,235**
Total	**0**	**1**	**25**	**861**	**758**	**2,780**	**79**	**15**	**403**	**78**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5,000**
																							Count-->	**5,000**

	Trips	Percent	
	765	15%	Marin County Pass-Through Trips
	0	0%	Trips in to Marin County
	4,235	85%	Trips out of Marin County
	0	0%	Intra-County Trips
	5,000	**100%**	**Total Trips**

Total Origins		County
514	10%	Sonoma
6	0%	Napa
43	1%	Solano
0	0%	West Contra Costa
0	0%	East Contra Costa
0	0%	North Alameda
203	4%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
4,235	85%	Marin
514	10%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
203	4%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
32	1%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	North Alameda	741	19	6
2	Sonoma	North Alameda	346	1	6
3	Unincorporatec	North Alameda	280	22	6
4	Larkspur	North Alameda	270	14	6
5	Novato	North Alameda	257	16	6

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	10	0%	Belvedere	0	#DIV/0!
1	0%	417	10%	Corte Madera	0	#DIV/0!
25	1%	20	0%	Fairfax	0	#DIV/0!
861	17%	443	10%	Larkspur	0	#DIV/0!
758	15%	237	6%	Mill Valley	0	#DIV/0!
2,780	56%	322	8%	Novato	0	#DIV/0!
79	2%	84	2%	Ross	0	#DIV/0!
15	0%	303	7%	San Anselmo	0	#DIV/0!
403	8%	1,307	31%	San Rafael	0	#DIV/0!
78	2%	254	6%	Sausalito	0	#DIV/0!
0	0%	450	11%	Tiburon	0	#DIV/0!
		389	9%	Unincorporated	0	#DIV/0!

Appendix A - Origin-Destination Data (Select-Link 8 - I-580 at the Contra Costa/Marin County Line)

Non-Summer

Destination

Westbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma											0	0	0	0	0	0	0	0	1	0	0	2	2	**2**
Napa	0										0	0	0	0	1	0	0	0	1	0	0	1	2	**2**
Solano	0	0									0	3	2	21	6	2	0	1	29	11	5	5	84	**84**
West Contra Costa	206	0	2				333				3	148	6	128	63	81	8	114	679	53	57	49	1,390	**1,931**
East Contra Costa	9	0	0				13				7	85	2	161	129	32	65	66	297	95	118	111	1,170	**1,192**
North Alameda	535	2	0				47				6	502	25	522	448	437	21	196	1,295	234	167	380	4,234	**4,819**
San Francisco	16	6	60								0	2	0	5	2	8	0	2	96	0	1	2	117	**199**
San Mateo	13	1	2								0	1	0	1	0	0	0	1	7	0	1	0	10	**25**
South Alameda	79	1	0								2	47	3	66	31	31	4	54	168	21	18	54	501	**580**
Santa Clara	53	0	0								0	11	4	8	1	25	2	5	45	0	2	7	111	**164**
Belvedere																							0	**0**
Corte Madera																							0	**0**
Fairfax																							0	**0**
Larkspur																							0	**0**
Mill Valley																							0	**0**
Novato																							0	**0**
Ross																							0	**0**
San Anselmo																							0	**0**
San Rafael																							0	**0**
Sausalito																							0	**0**
Tiburon																							0	**0**
Unincorporated																							0	**0**
Marin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total	**912**	**10**	**64**	**0**	**0**	**0**	**393**	**0**	**0**	**0**	**18**	**799**	**42**	**913**	**680**	**616**	**101**	**438**	**2,618**	**414**	**369**	**611**	**7,621**	**9,000**
																							Count-->	**9,000**

Trips	Percent	
1,379	15%	Marin County Pass-Through Trips
7,621	85%	Trips in to Marin County
0	0%	Trips out of Marin County
0	0%	Intra-County Trips
9,000	**100%**	**Total Trips**

Total Origins		County
2	0%	Sonoma
2	0%	Napa
84	1%	Solano
1,931	21%	West Contra Costa
1,192	13%	East Contra Costa
4,819	54%	North Alameda
199	2%	San Francisco
25	0%	San Mateo
580	6%	South Alameda
164	2%	Santa Clara
0	0%	Marin
0	0%	Sonoma County Pass-Through
2	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
82	1%	San Francisco County Pass-Through
117	1%	San Francisco County to Marin County
0	0%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	North Alameda	San Rafael	1,295	6	19
2	West Contra Co	San Rafael	679	4	19
3	North Alameda	Sonoma	535	6	1
4	North Alameda	Larkspur	522	6	14
5	North Alameda	Corte Madera	502	6	12

Total Destinations		Marin Origins		City	Marin Destinations	
912	10%	0	#DIV/0!	Belvedere	18	0%
10	0%	0	#DIV/0!	Corte Madera	799	10%
64	1%	0	#DIV/0!	Fairfax	42	1%
0	0%	0	#DIV/0!	Larkspur	913	12%
0	0%	0	#DIV/0!	Mill Valley	680	9%
0	0%	0	#DIV/0!	Novato	616	8%
393	4%	0	#DIV/0!	Ross	101	1%
0	0%	0	#DIV/0!	San Anselmo	438	6%
0	0%	0	#DIV/0!	San Rafael	2,618	34%
0	0%	0	#DIV/0!	Sausalito	414	5%
7,621	85%	0	#DIV/0!	Tiburon	369	5%
		0	#DIV/0!	Unincorporated	611	8%

Non-Summer

Destination

Eastbound PM (Origin)	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma		0	3	230	84	920	25	10	189	185													0	**1,646**
Napa			0	0	0	4	3	1	4	1													0	**13**
Solano				0	0	1	80	0	0	0													0	**81**
West Contra Costa																							0	**0**
East Contra Costa																							0	**0**
North Alameda																							0	**0**
San Francisco				398	34	109																	0	**540**
San Mateo																							0	**0**
South Alameda																							0	**0**
Santa Clara																							0	**0**
Belvedere	0	0	0	46	3	113	0	0	0	0													0	**162**
Corte Madera	0	0	21	305	85	292	4	4	36	9													0	**757**
Fairfax	0	0	3	15	4	40	1	1	7	10													0	**82**
Larkspur	0	1	10	184	107	273	4	0	26	6													0	**612**
Mill Valley	0	1	9	91	42	217	0	0	36	3													0	**399**
Novato	0	1	3	357	298	854	5	1	91	73													0	**1,683**
Ross	0	0	1	10	1	30	0	0	1	0													0	**44**
San Anselmo	0	1	1	21	38	136	3	0	4	3													0	**207**
San Rafael	0	13	153	2,353	1,001	2,281	58	15	194	77													0	**6,145**
Sausalito	0	0	7	83	87	158	1	1	48	7													0	**392**
Tiburon	0	1	17	130	50	171	3	1	39	3													0	**416**
Unincorporated	0	4	26	227	96	348	5	5	87	21													0	**820**
Marin	0	23	252	3,823	1,811	4,913	85	30	569	210	0	0	0	0	0	0	0	0	0	0	0	0	0	**11,719**
Total	**0**	**23**	**255**	**4,452**	**1,929**	**5,947**	**193**	**42**	**763**	**397**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**14,000**
																							Count-->	**14,000**

Trips	Percent	
2,281	16%	Marin County Pass-Through Trips
0	0%	Trips in to Marin County
11,719	84%	Trips out of Marin County
0	0%	Intra-County Trips
14,000	**100%**	**Total Trips**

Total Origins		County
1,646	12%	Sonoma
13	0%	Napa
81	1%	Solano
0	0%	West Contra Costa
0	0%	East Contra Costa
0	0%	North Alameda
540	4%	San Francisco
0	0%	San Mateo
0	0%	South Alameda
0	0%	Santa Clara
11,719	84%	Marin
1,646	12%	Sonoma County Pass-Through
0	0%	Sonoma County to Marin County
0	0%	Marin County to Sonoma County
540	4%	San Francisco County Pass-Through
0	0%	San Francisco County to Marin County
85	1%	Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Rafael	West Contra Costa	2,353	19	4
2	San Rafael	North Alameda	2,281	19	6
3	San Rafael	East Contra Costa	1,001	19	5
4	Sonoma	North Alameda	920	1	6
5	Novato	North Alameda	854	16	6

Total Destinations		Marin Origins		City	Marin Destinations	
0	0%	162	1%	Belvedere	0	#DIV/0!
23	0%	757	6%	Corte Madera	0	#DIV/0!
255	2%	82	1%	Fairfax	0	#DIV/0!
4,452	32%	612	5%	Larkspur	0	#DIV/0!
1,929	14%	399	3%	Mill Valley	0	#DIV/0!
5,947	42%	1,683	14%	Novato	0	#DIV/0!
193	1%	44	0%	Ross	0	#DIV/0!
42	0%	207	2%	San Anselmo	0	#DIV/0!
763	5%	6,145	52%	San Rafael	0	#DIV/0!
397	3%	392	3%	Sausalito	0	#DIV/0!
0	0%	416	4%	Tiburon	0	#DIV/0!
		820	7%	Unincorporated	0	#DIV/0!

Appendix A - Origin-Destination Data (Select-Link 9 - Sir Francis Drake Boulevard West of US 101)

Non-Summer

AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	1	0	0	0	0	0	0	0	0	0	164	0	0	2	0	0	0	0	9	177	**179**
Napa	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	32	**32**
Solano	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9	**10**
West Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	36	**36**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	20	**20**
North Alameda	0	0	0	0	0	0	0	0	0	0	0	0	1	15	0	0	7	0	0	0	0	2	25	**25**
San Francisco	0	0	0	0	0	0	12	0	0	0	0	2	10	149	0	0	36	45	2	0	0	10	255	**268**
San Mateo	0	0	0	0	0	0	0	0	0	0	0	0	1	15	0	0	4	8	0	0	0	3	30	**30**
South Alameda	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	3	**3**
Santa Clara	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	6	**6**
Belvedere	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	5	3	1	0	0	0	36	**36**
Corte Madera	0	0	0	0	0	0	3	0	0	0	0	4	9	181	0	0	40	119	9	0	0	34	396	**400**
Fairfax	0	0	0	0	0	1	109	6	0	2	0	28	0	34	2	0	0	0	18	1	1	5	89	**207**
Larkspur	37	24	11	35	25	94	868	101	8	25	7	326	10	1,343	89	92	50	58	802	57	35	59	2,929	**4,156**
Mill Valley	0	0	0	0	0	1	6	0	1	0	0	0	6	156	5	0	24	23	0	1	0	8	224	**232**
Novato	4	0	0	0	0	0	1	0	0	0	0	0	0	133	0	2	2	1	2	0	0	1	141	**147**
Ross	16	1	0	3	63	13	308	22	2	9	0	113	0	123	31	2	2	1	126	11	4	19	433	**869**
San Anselmo	1	0	0	2	2	9	357	70	4	50	1	116	1	170	22	0	1	7	91	15	10	12	446	**940**
San Rafael	0	0	0	0	0	4	39	2	0	0	0	14	9	607	5	1	41	42	45	14	1	10	789	**836**
Sausalito	0	0	0	0	0	0	0	0	0	0	0	0	2	102	1	0	10	7	3	1	0	3	130	**131**
Tiburon	0	0	0	0	0	0	0	0	0	0	0	0	5	96	0	0	20	15	3	0	3	9	150	**151**
Unincorporated	0	0	0	0	0	2	29	2	0	1	0	36	3	139	5	1	13	20	23	1	2	9	252	**286**
Marin	58	26	11	42	91	124	1,719	203	15	87	9	638	46	3,110	161	99	206	295	1,122	102	56	170	6,015	**8,391**
Total	**58**	**26**	**11**	**43**	**91**	**124**	**1,732**	**203**	**15**	**88**	**9**	**640**	**58**	**3,553**	**161**	**100**	**257**	**351**	**1,125**	**102**	**57**	**196**	**6,610**	**9,000**
																							Count-->	**9,000**

Top 5 Movements

Trips	Percent	
15	0%	Marin County Pass-Through Trips
595	7%	Trips in to Marin County
2,375	26%	Trips out of Marin County
6,015	67%	Intra-County Trips
9,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	Larkspur	Larkspur	1,343	14	14
2	Larkspur	San Francisco	868	14	7
3	Larkspur	San Rafael	802	14	19
4	San Rafael	Larkspur	607	19	14
5	San Anselmo	San Francisco	357	18	7

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
179	2%	Sonoma	58	1%	36	0%	Belvedere	9	0%
32	0%	Napa	26	0%	400	5%	Corte Madera	640	10%
10	0%	Solano	11	0%	207	2%	Fairfax	58	1%
36	0%	West Contra Costa	43	0%	4,156	50%	Larkspur	3,553	54%
20	0%	East Contra Costa	91	1%	232	3%	Mill Valley	161	2%
25	0%	North Alameda	124	1%	147	2%	Novato	100	2%
268	3%	San Francisco	1,732	19%	869	10%	Ross	257	4%
30	0%	San Mateo	203	2%	940	11%	San Anselmo	351	5%
3	0%	South Alameda	15	0%	836	10%	San Rafael	1,125	17%
6	0%	Santa Clara	88	1%	131	2%	Sausalito	102	2%
8,391	93%	Marin	6,610	73%	151	2%	Tiburon	57	1%
					286	3%	Unincorporated	196	3%

Trips	Percent	
2	0%	Sonoma County Pass-Through
177	2%	Sonoma County to Marin County
58	1%	Marin County to Sonoma County
13	0%	San Francisco County Pass-Through
255	3%	San Francisco County to Marin County
1,719	19%	Marin County to San Francisco County

Non-Summer

PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	0	0	0	0	1	0	0	0	0	67	0	3	13	1	0	0	0	1	85	**86**
Napa	0	0	0	0	0	0	0	0	0	0	0	0	1	18	0	0	3	1	0	0	0	1	23	**23**
Solano	0	0	0	0	0	0	1	0	0	0	0	0	1	15	0	0	1	1	1	0	0	0	17	**18**
West Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	1	29	0	0	5	5	1	0	1	0	41	**41**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	41	1	0	44	4	4	0	0	0	93	**93**
North Alameda	0	0	0	0	0	0	1	0	0	0	0	2	6	97	1	0	15	35	7	0	0	3	165	**166**
San Francisco	2	0	0	1	1	0	4	0	0	0	1	8	87	824	5	1	367	474	72	1	1	30	1,870	**1,877**
San Mateo	0	0	1	0	0	0	0	0	0	0	0	0	8	56	0	1	30	67	4	0	0	3	167	**168**
South Alameda	0	0	0	0	0	0	0	0	0	0	0	0	1	8	1	0	3	3	1	0	0	1	17	**17**
Santa Clara	1	0	0	0	0	0	0	0	0	0	0	0	3	28	0	0	11	24	1	0	0	0	66	**67**
Belvedere	0	0	0	0	0	0	0	0	0	0	1	1	1	14	0	1	4	12	5	0	1	1	41	**41**
Corte Madera	0	0	0	0	0	1	4	0	0	0	1	9	43	646	4	5	106	244	49	1	2	17	1,126	**1,131**
Fairfax	1	0	0	1	1	3	27	3	0	1	1	25	0	28	12	0	0	1	23	9	5	12	116	**151**
Larkspur	131	50	4	27	26	51	294	25	7	12	17	455	38	2,118	254	167	167	260	915	102	121	195	4,810	**5,436**
Mill Valley	0	1	0	0	0	1	1	0	0	0	0	5	8	166	4	0	27	53	24	1	0	5	293	**296**
Novato	0	0	0	0	0	0	2	0	0	0	0	2	0	232	1	5	21	5	6	0	1	6	279	**280**
Ross	7	1	1	4	1	11	124	8	1	3	8	78	0	119	40	2	0	1	71	24	24	17	384	**542**
San Anselmo	3	1	0	3	2	7	167	13	1	3	8	174	0	125	95	4	0	9	73	38	17	45	586	**784**
San Rafael	0	0	0	0	0	0	8	1	0	0	1	35	47	1,127	7	7	194	225	80	9	4	32	1,768	**1,776**
Sausalito	0	0	0	0	0	0	0	0	0	0	0	3	10	169	0	1	28	47	23	1	0	2	283	**283**
Tiburon	0	0	0	0	0	1	1	0	0	0	1	5	8	104	0	0	19	32	12	0	5	7	193	**194**
Unincorporated	8	1	0	1	1	0	22	3	0	1	1	62	60	202	9	1	36	66	29	6	11	12	493	**529**
Marin	149	52	5	35	29	74	648	52	8	18	38	855	214	5,049	424	193	604	955	1,310	190	189	351	10,372	**11,443**
Total	**151**	**52**	**6**	**36**	**30**	**74**	**654**	**52**	**8**	**18**	**38**	**864**	**320**	**6,234**	**431**	**197**	**1,095**	**1,569**	**1,399**	**190**	**191**	**389**	**12,918**	**14,000**
																							Count-->	**14,000**

Top 5 Movements

Trips	Percent	
10	0%	Marin County Pass-Through Trips
2,546	18%	Trips in to Marin County
1,072	8%	Trips out of Marin County
10,372	74%	Intra-County Trips
14,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	Larkspur	Larkspur	2,118	14	14
2	San Rafael	Larkspur	1,127	19	14
3	Larkspur	San Rafael	915	14	19
4	San Francisco	Larkspur	824	7	14
5	Corte Madera	Larkspur	646	12	14

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
86	1%	Sonoma	151	1%	41	0%	Belvedere	38	0%
23	0%	Napa	52	0%	1,131	10%	Corte Madera	864	7%
18	0%	Solano	6	0%	151	1%	Fairfax	320	2%
41	0%	West Contra Costa	36	0%	5,436	48%	Larkspur	6,234	48%
93	1%	East Contra Costa	30	0%	296	3%	Mill Valley	431	3%
166	1%	North Alameda	74	1%	280	2%	Novato	197	2%
1,877	13%	San Francisco	654	5%	542	5%	Ross	1,095	8%
168	1%	San Mateo	52	0%	784	7%	San Anselmo	1,569	12%
17	0%	South Alameda	8	0%	1,776	16%	San Rafael	1,399	11%
67	0%	Santa Clara	18	0%	283	2%	Sausalito	190	1%
11,443	82%	Marin	12,918	92%	194	2%	Tiburon	191	1%
					529	5%	Unincorporated	389	3%

Trips	Percent	
1	0%	Sonoma County Pass-Through
85	1%	Sonoma County to Marin County
149	1%	Marin County to Sonoma County
7	0%	San Francisco County Pass-Through
1,870	13%	San Francisco County to Marin County
648	5%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 10 - Sir Francis Drake Boulevard East of US 101)

Non-Summer

Destination

AM	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	1	0	0	2	0	1	3	3	0	0	0	1	0	0	0	0	0	0	66	0	0	0	67	**76**
Napa	0	0	0	0	0	1	4	2	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	**16**
Solano	0	0	0	0	0	0	53	1	0	0	0	5	0	14	2	1	0	1	0	3	2	7	32	**86**
West Contra Costa	0	0	0	1	1	0	164	12	0	1	2	95	0	96	44	1	1	1	15	56	53	54	418	**596**
East Contra Costa	1	0	0	0	0	0	11	1	0	0	1	23	0	29	10	0	0	1	2	29	8	23	127	**139**
North Alameda	1	0	0	0	0	0	51	0	0	0	1	42	1	47	27	0	10	1	8	35	12	53	237	**289**
San Francisco	0	1	3	263	2	8	1	0	0	0	0	1	0	25	1	0	0	0	381	0	0	2	410	**687**
San Mateo	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	17	0	0	0	18	**19**
South Alameda	0	0	0	0	0	0	1	0	0	0	0	14	0	9	24	0	1	0	1	40	23	5	117	**118**
Santa Clara	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	6	1	0	0	9	**9**
Belvedere	0	0	1	0	3	9	0	0	1	0	0	0	0	1	0	0	0	0	41	0	0	1	43	**56**
Corte Madera	1	1	3	101	38	328	6	0	80	3	0	8	0	11	1	0	0	0	554	3	0	0	578	**1,139**
Fairfax	0	0	0	1	0	2	1	0	0	0	0	1	0	2	1	0	0	1	30	0	0	1	35	**38**
Larkspur	2	1	16	97	61	368	14	3	40	12	0	18	0	45	6	2	1	0	1,104	1	1	6	1,184	**1,798**
Mill Valley	0	0	2	31	107	145	1	0	19	1	0	3	0	4	2	0	0	0	306	0	1	1	317	**622**
Novato	0	0	0	1	1	1	1	0	0	0	0	4	0	1	3	2	0	0	316	1	0	0	327	**330**
Ross	0	0	0	5	85	17	1	0	3	0	0	1	0	1	1	0	1	0	139	0	0	0	142	**253**
San Anselmo	1	0	0	3	3	12	3	0	5	3	0	2	0	3	0	0	1	7	140	1	0	0	153	**182**
San Rafael	47	2	1	1	4	20	232	21	1	5	76	422	10	586	104	123	42	62	1,245	133	92	138	3,032	**3,366**
Sausalito	0	0	1	37	90	182	1	0	18	0	0	1	0	1	1	0	0	0	172	1	1	1	176	**505**
Tiburon	1	1	1	33	214	313	1	1	43	2	0	7	0	1	0	3	0	0	272	1	7	4	294	**905**
Unincorporated	1	0	5	23	68	288	3	0	20	2	0	3	0	5	1	0	0	1	348	1	0	2	361	**771**
Marin	53	4	29	332	674	1,686	262	25	230	28	76	470	10	661	120	130	44	70	4,666	142	101	153	6,642	**9,965**
Total	**55**	**5**	**32**	**598**	**676**	**1,696**	**551**	**43**	**230**	**29**	**79**	**650**	**11**	**884**	**228**	**131**	**56**	**72**	**5,174**	**306**	**198**	**296**	**8,086**	**12,000**
																							Count-->	**12,000**

Origin

Top 5 Movements

Trips	Percent	
592	5%	Marin County Pass-Through Trips
1,443	12%	Trips in to Marin County
3,323	28%	Trips out of Marin County
6,642	55%	Intra-County Trips
12,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	1,245	19	19
2	Larkspur	San Rafael	1,104	14	19
3	San Rafael	Larkspur	586	19	14
4	Corte Madera	San Rafael	554	12	19
5	San Rafael	Corte Madera	422	19	12

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
76	1%	Sonoma	55	0%	56	1%	Belvedere	79	1%
16	0%	Napa	5	0%	1,139	11%	Corte Madera	650	8%
86	1%	Solano	32	0%	38	0%	Fairfax	11	0%
596	5%	West Contra Costa	598	5%	1,798	18%	Larkspur	884	11%
139	1%	East Contra Costa	676	6%	622	6%	Mill Valley	228	3%
289	2%	North Alameda	1,696	14%	330	3%	Novato	131	2%
687	6%	San Francisco	551	5%	253	3%	Ross	56	1%
19	0%	San Mateo	43	0%	182	2%	San Anselmo	72	1%
118	1%	South Alameda	230	2%	3,366	34%	San Rafael	5,174	64%
9	0%	Santa Clara	29	0%	505	5%	Sausalito	306	4%
9,965	83%	Marin	8,086	67%	905	9%	Tiburon	198	2%
					771	8%	Unincorporated	296	4%

9	0%	Sonoma County Pass-Through
67	1%	Sonoma County to Marin County
53	0%	Marin County to Sonoma County
278	2%	San Francisco County Pass-Through
410	3%	San Francisco County to Marin County
262	2%	Marin County to San Francisco County

Non-Summer

Destination

PM	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	0	3	1	1	2	2	0	1	0	1	1	0	0	0	34	0	0	1	37	**45**
Napa	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	7	0	0	1	9	**10**
Solano	0	0	0	0	0	0	25	0	0	0	0	2	1	14	4	0	0	1	3	8	3	4	39	**64**
West Contra Costa	0	0	0	0	1	1	216	1	0	0	2	95	1	87	40	1	5	6	9	36	37	29	345	**563**
East Contra Costa	0	0	0	0	0	0	8	0	0	0	5	57	0	108	81	1	43	3	9	61	76	71	515	**524**
North Alameda	2	1	0	0	1	1	26	1	0	0	4	286	6	346	286	3	15	32	25	147	109	151	1,410	**1,441**
San Francisco	4	2	31	131	11	32	1	1	0	0	0	7	0	18	3	4	0	5	216	0	2	3	258	**470**
San Mateo	0	1	1	4	0	1	0	0	0	0	0	1	0	2	0	0	0	0	23	0	1	0	26	**32**
South Alameda	0	0	0	0	0	0	0	1	0	0	1	28	1	44	21	0	2	2	4	12	12	30	157	**157**
Santa Clara	0	0	0	1	0	1	0	0	0	0	0	7	0	7	1	0	1	0	4	0	2	1	22	**23**
Belvedere	0	0	0	2	1	8	0	0	0	0	0	1	0	1	0	0	0	0	10	0	0	0	11	**21**
Corte Madera	1	0	7	98	26	94	3	1	12	4	0	9	0	12	1	4	1	2	645	2	1	3	679	**925**
Fairfax	0	0	0	1	1	2	1	0	0	0	1	0	0	1	0	0	0	0	22	0	1	0	24	**27**
Larkspur	1	1	3	55	36	89	2	0	9	2	0	7	0	30	3	0	1	2	581	2	1	4	630	**827**
Mill Valley	1	1	2	28	16	74	0	0	14	1	0	1	0	7	2	0	0	0	147	0	1	1	159	**293**
Novato	0	0	0	1	1	3	2	1	1	0	1	2	0	3	2	2	1	1	96	0	1	1	108	**115**
Ross	0	0	1	3	1	10	1	0	1	0	0	0	0	1	1	0	0	0	40	0	0	0	41	**57**
San Anselmo	0	1	0	2	2	6	0	0	1	1	0	2	0	4	1	0	0	1	68	0	0	0	75	**86**
San Rafael	82	4	2	9	1	11	295	18	2	3	37	728	41	1,181	294	314	144	203	1,444	181	193	277	5,037	**5,464**
Sausalito	0	0	2	26	27	50	0	1	16	2	0	1	0	2	3	0	1	0	117	1	0	1	125	**250**
Tiburon	1	1	6	37	15	54	1	0	16	2	0	2	0	7	1	0	0	0	120	0	3	1	133	**265**
Unincorporated	1	0	7	46	18	67	1	1	16	2	0	3	0	5	0	2	1	1	166	2	0	1	180	**340**
Marin	85	6	31	307	143	467	305	21	85	16	38	755	41	1,253	307	321	147	208	3,456	188	200	289	7,203	**8,669**
Total	**91**	**10**	**63**	**443**	**155**	**504**	**584**	**25**	**87**	**18**	**50**	**1,240**	**48**	**1,880**	**744**	**329**	**214**	**258**	**3,789**	**452**	**440**	**578**	**10,022**	**12,000**
																							Count-->	**12,000**

Origin

Top 5 Movements

Trips	Percent	
512	4%	Marin County Pass-Through Trips
2,819	23%	Trips in to Marin County
1,466	12%	Trips out of Marin County
7,203	60%	Intra-County Trips
12,000	**100%**	**Total Trips**

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	1,444	19	19
2	San Rafael	Larkspur	1,181	19	14
3	San Rafael	Corte Madera	728	19	12
4	Corte Madera	San Rafael	645	12	19
5	Larkspur	San Rafael	581	14	19

Total Origins		County	Total Destinations		Marin Origins		City	Marin Destinations	
45	0%	Sonoma	91	1%	21	0%	Belvedere	50	1%
10	0%	Napa	10	0%	925	11%	Corte Madera	1,240	12%
64	1%	Solano	63	1%	27	0%	Fairfax	48	0%
563	5%	West Contra Costa	443	4%	827	10%	Larkspur	1,880	19%
524	4%	East Contra Costa	155	1%	293	3%	Mill Valley	744	7%
1,441	12%	North Alameda	504	4%	115	1%	Novato	329	3%
470	4%	San Francisco	584	5%	57	1%	Ross	214	2%
32	0%	San Mateo	25	0%	86	1%	San Anselmo	258	3%
157	1%	South Alameda	87	1%	5,464	63%	San Rafael	3,789	38%
23	0%	Santa Clara	18	0%	250	3%	Sausalito	452	5%
8,669	72%	Marin	10,022	84%	265	3%	Tiburon	440	4%
					340	4%	Unincorporated	578	6%

8	0%	Sonoma County Pass-Through
37	0%	Sonoma County to Marin County
85	1%	Marin County to Sonoma County
213	2%	San Francisco County Pass-Through
258	2%	San Francisco County to Marin County
305	3%	Marin County to San Francisco County

Appendix A - Origin-Destination Data (Select-Link 11 - Highway 1 West of US 101)

Non-Summer

AM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	4	6	**6**
Napa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	**3**
Solano	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	**2**
West Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	6	**6**
East Contra Costa	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	7	9	**10**
North Alameda	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	9	10	**11**
San Francisco	1	0	0	30	1	1	4	0	0	0	0	1	0	2	125	0	0	0	4	19	1	176	326	**362**
San Mateo	0	0	0	0	0	0	0	1	0	0	0	0	0	0	16	0	0	0	0	0	0	28	45	**45**
South Alameda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	**3**
Santa Clara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	5	6	**6**
Belvedere	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	2	0	5	7	**9**
Corte Madera	0	0	0	0	0	1	26	1	0	1	0	0	0	0	1	0	0	0	1	14	1	44	61	**90**
Fairfax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	**2**
Larkspur	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	13	0	21	34	**35**
Mill Valley	2	3	1	1	3	5	1,262	103	2	25	1	11	0	4	25	4	0	2	37	413	4	82	583	**1,992**
Novato	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	0	5	7	**8**
Ross	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	7	**8**
San Anselmo	0	0	0	0	0	0	1	0	0	0	0	0	0	1	3	0	0	0	0	5	0	5	13	**14**
San Rafael	0	0	0	0	0	1	6	1	0	0	0	1	0	0	2	0	0	0	9	23	0	71	106	**114**
Sausalito	6	1	6	0	9	17	365	37	7	16	3	28	0	19	182	4	0	3	34	178	33	184	667	**1,128**
Tiburon	0	0	0	0	0	0	4	1	0	0	0	1	0	0	4	0	0	0	1	12	1	49	68	**73**
Unincorporated	26	5	14	7	13	85	2,072	130	5	48	1	158	2	103	100	83	3	7	190	750	39	235	1,669	**4,074**
Marin	34	9	21	8	25	109	3,739	273	14	89	4	199	2	127	319	92	3	11	272	1,415	77	705	3,225	**7,546**
Total	**35**	**9**	**21**	**38**	**25**	**109**	**3,744**	**274**	**14**	**89**	**4**	**200**	**2**	**129**	**463**	**92**	**3**	**11**	**276**	**1,438**	**78**	**947**	**3,642**	**8,000**
																						Count-->		**8,000**

Trips	Percent	
38	0%	Marin County Pass-Through Trips
416	5%	Trips in to Marin County
4,321	54%	Trips out of Marin County
3,225	40%	Intra-County Trips
8,000	**100%**	**Total Trips**

Total Origins	County
6	0% Sonoma
3	0% Napa
2	0% Solano
6	0% West Contra Costa
10	0% East Contra Costa
11	0% North Alameda
362	5% San Francisco
45	1% San Mateo
3	0% South Alameda
6	0% Santa Clara
7,546	94% Marin
1	0% Sonoma County Pass-Through
6	0% Sonoma County to Marin County
34	0% Marin County to Sonoma County
35	0% San Francisco County Pass-Through
326	4% San Francisco County to Marin County
3,739	47% Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	Unincorporate	San Francisco	2,072	22	7
2	Mill Valley	San Francisco	1,262	15	7
3	Unincorporate	Sausalito	750	22	20
4	Mill Valley	Sausalito	413	15	20
5	Sausalito	San Francisco	365	20	7

Total Destinations		Marin Origins		City	Marin Destinations	
35	0%	9	0%	Belvedere	4	0%
9	0%	90	1%	Corte Madera	200	5%
21	0%	2	0%	Fairfax	2	0%
38	0%	35	0%	Larkspur	129	4%
25	0%	1,992	26%	Mill Valley	463	13%
109	1%	8	0%	Novato	92	3%
3,744	47%	8	0%	Ross	3	0%
274	3%	14	0%	San Anselmo	11	0%
14	0%	114	2%	San Rafael	276	8%
89	1%	1,128	15%	Sausalito	1,438	39%
3,642	46%	73	1%	Tiburon	78	2%
		4,074	54%	Unincorporated	947	26%

Non-Summer

PM

Destination

Origin	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	8	0	19	29	**30**
Napa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	6	8	**8**
Solano	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	**4**
West Contra Costa	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	9	**26**
East Contra Costa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	5	10	**10**
North Alameda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	11	0	34	50	**50**
San Francisco	4	0	0	0	0	0	5	0	0	0	0	48	1	73	1,574	1	9	9	28	277	7	1,149	3,177	**3,187**
San Mateo	0	1	0	0	0	0	0	0	0	0	0	9	0	10	126	1	0	1	0	21	1	91	261	**263**
South Alameda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	4	9	**9**
Santa Clara	0	0	0	0	0	0	1	0	0	0	0	0	0	1	44	0	0	0	0	6	0	30	82	**83**
Belvedere	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	9	**9**
Corte Madera	0	0	0	0	0	0	4	0	0	0	0	3	0	0	24	0	0	0	1	43	6	134	211	**215**
Fairfax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	5	6	**6**
Larkspur	0	0	0	0	0	0	3	0	0	0	0	0	0	0	5	0	0	0	0	27	0	62	96	**98**
Mill Valley	2	0	0	0	1	4	310	33	0	4	4	11	0	5	47	3	1	1	20	396	11	179	679	**1,034**
Novato	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	10	0	66	79	**79**
Ross	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	3	6	**6**
San Anselmo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	4	0	9	18	**18**
San Rafael	0	0	0	0	0	0	3	0	0	0	0	0	0	0	50	0	0	0	5	52	0	113	220	**223**
Sausalito	3	2	0	3	2	5	71	7	0	1	3	60	1	40	742	4	4	7	45	206	44	624	1,781	**1,876**
Tiburon	0	0	0	0	0	0	2	0	0	0	1	5	0	0	12	0	0	0	1	34	27	61	143	**146**
Unincorporated	9	7	4	9	6	23	354	39	8	22	4	92	1	32	182	10	1	9	75	335	26	369	1,138	**1,618**
Marin	14	9	4	12	9	33	748	79	9	27	13	172	3	79	1,071	17	6	19	147	1,110	115	1,633	4,385	**5,330**
Total	**18**	**10**	**5**	**13**	**9**	**33**	**772**	**79**	**9**	**27**	**13**	**229**	**5**	**163**	**2,826**	**19**	**16**	**30**	**176**	**1,442**	**123**	**2,982**	**8,024**	**9,000**
																						Count-->		**9,000**

Trips	Percent	
31	0%	Marin County Pass-Through Trips
944	10%	Trips out of Marin County
4,385	49%	Intra-County Trips
9,000	**100%**	**Total Trips**

Total Origins	County
30	0% Sonoma
8	0% Napa
4	0% Solano
26	0% West Contra Costa
10	0% East Contra Costa
50	1% North Alameda
3,187	35% San Francisco
263	3% San Mateo
9	0% South Alameda
83	1% Santa Clara
5,330	59% Marin
1	0% Sonoma County Pass-Through
29	0% Sonoma County to Marin County
14	0% Marin County to Sonoma County
10	0% San Francisco County Pass-Through
3,177	35% San Francisco County to Marin County
748	8% Marin County to San Francisco County

Top 5 Movements

#	From	To	Value	Row	Column
1	San Francisco	Mill Valley	1,574	7	15
2	San Francisco	Unincorporated	1,149	7	22
3	Sausalito	Mill Valley	742	20	15
4	Sausalito	Unincorporated	624	20	22
5	Mill Valley	Sausalito	396	15	20

Total Destinations		Marin Origins		City	Marin Destinations	
18	0%	9	0%	Belvedere	13	0%
10	0%	215	4%	Corte Madera	229	3%
5	0%	6	0%	Fairfax	5	0%
13	0%	98	2%	Larkspur	163	2%
9	1%	1,034	19%	Mill Valley	2,826	35%
33	0%	79	1%	Novato	19	0%
772	9%	6	0%	Ross	16	0%
79	1%	18	0%	San Anselmo	30	0%
9	0%	223	4%	San Rafael	176	2%
27	0%	1,876	35%	Sausalito	1,442	18%
8,024	89%	146	3%	Tiburon	123	2%
		1,618	30%	Unincorporated	2,982	37%

Appendix A - Origin-Destination Data (Select-Link AM Peak Period)

Relative Percentages

#	Lookup	Location	AM Trip Type: Marin County Pass-Through Trips	Trips in to Marin County	Trips out of Marin County	Intra-County Trips	Total Trips	Count
1	1-101atSonomaC	US 101 at the Sonoma County Line	40%	41%	19%	0%	16,000	16,000
2	2-101northofSR-F	US 101 North of San Rafael	25%	20%	20%	35%	38,000	38,000
3	3-101atSRCreek-F	US 101 at San Rafael Creek	21%	17%	20%	43%	47,000	47,000
4	4-101atCMCreek-	US 101 at Corte Madera Creek	26%	19%	26%	30%	23,000	23,000
5	5-101atRichBay-F	US 101 at Richardson Bay	19%	14%	48%	18%	31,000	31,000
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	21%	26%	53%	0%	30,000	30,000
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	40%	41%	19%	0%	10,000	10,000
8	8-580atRSRBridge	I-580 at the Richmond Bridge	16%	62%	22%	0%	19,000	19,000
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	0%	7%	26%	67%	9,000	9,000
10	10-SFDeastof101-	Sir Francis Drake East of US 101	5%	12%	28%	55%	12,000	12,000
11	11-1westof101-Fa	SR 1 West of US 101	0%	5%	54%	40%	8,000	8,000

#	Lookup	Location	AM Pass-Through Trips: Sonoma County Pass-Through	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Pass-Through	San Francisco County to Marin County	Marin County to San Francisco County
1	1-101atSonomaC	US 101 at the Sonoma County Line	28%	41%	19%	6%	0%	0%
2	2-101northofSR-F	US 101 North of San Rafael	15%	10%	6%	4%	4%	8%
3	3-101atSRCreek-F	US 101 at San Rafael Creek	12%	4%	3%	4%	6%	9%
4	4-101atCMCreek-	US 101 at Corte Madera Creek	16%	1%	3%	7%	15%	19%
5	5-101atRichBay-F	US 101 at Richardson Bay	12%	0%	0%	5%	12%	39%
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	12%	0%	0%	6%	23%	43%
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	18%	20%	7%	8%	0%	0%
8	8-580atRSRBridge	I-580 at the Richmond Bridge	3%	0%	0%	1%	1%	0%
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	0%	2%	1%	0%	3%	19%
10	10-SFDeastof101-	Sir Francis Drake East of US 101	0%	1%	0%	2%	3%	2%
11	11-1westof101-Fa	SR 1 West of US 101	0%	0%	0%	0%	4%	47%

#	Lookup	Location	Origins: Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin
1	1-101atSonomaC	US 101 at the Sonoma County Line	69%	0%	0%	1%	1%	2%	6%	1%	0%	1%	19%
2	2-101northofSR-F	US 101 North of San Rafael	26%	3%	2%	1%	1%	2%	8%	2%	0%	1%	55%
3	3-101atSRCreek-F	US 101 at San Rafael Creek	16%	2%	1%	2%	1%	3%	10%	2%	0%	1%	62%
4	4-101atCMCreek-	US 101 at Corte Madera Creek	17%	1%	0%	0%	0%	0%	22%	4%	0%	1%	55%
5	5-101atRichBay-F	US 101 at Richardson Bay	13%	1%	0%	0%	0%	0%	17%	2%	0%	0%	67%
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	12%	1%	0%	0%	0%	0%	29%	3%	0%	1%	53%
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	38%	20%	13%	0%	1%	0%	8%	1%	0%	0%	19%
8	8-580atRSRBridge	I-580 at the Richmond Bridge	3%	0%	2%	26%	13%	26%	3%	0%	4%	2%	22%
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	2%	0%	0%	0%	0%	0%	3%	0%	0%	0%	93%
10	10-SFDeastof101-	Sir Francis Drake East of US 101	1%	0%	1%	5%	1%	2%	6%	0%	1%	0%	83%
11	11-1westof101-Fa	SR 1 West of US 101	0%	0%	0%	0%	0%	0%	5%	1%	0%	0%	94%

#	Lookup	Location	Destinations: Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin
1	1-101atSonomaC	US 101 at the Sonoma County Line	31%	0%	0%	1%	0%	4%	16%	5%	1%	1%	41%
2	2-101northofSR-F	US 101 North of San Rafael	12%	2%	1%	1%	0%	4%	18%	4%	0%	1%	55%
3	3-101atSRCreek-F	US 101 at San Rafael Creek	9%	2%	1%	1%	0%	4%	17%	4%	0%	1%	60%
4	4-101atCMCreek-	US 101 at Corte Madera Creek	10%	3%	1%	0%	0%	0%	35%	2%	0%	1%	48%
5	5-101atRichBay-F	US 101 at Richardson Bay	5%	1%	0%	0%	0%	0%	51%	8%	0%	2%	32%
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	5%	1%	0%	1%	0%	0%	56%	8%	0%	2%	26%
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	13%	10%	7%	1%	0%	4%	18%	5%	0%	1%	41%
8	8-580atRSRBridge	I-580 at the Richmond Bridge	8%	0%	0%	5%	4%	15%	4%	0%	2%	0%	62%
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	1%	0%	0%	0%	1%	1%	19%	2%	0%	1%	73%
10	10-SFDeastof101-	Sir Francis Drake East of US 101	0%	0%	0%	5%	6%	14%	5%	0%	2%	0%	67%
11	11-1westof101-Fa	SR 1 West of US 101	0%	0%	0%	0%	0%	1%	47%	3%	0%	1%	46%

Absolute Numbers

#	Lookup	Location	AM Trip Type: Marin County Pass-Through Trips	Trips in to Marin County	Trips out of Marin County	Intra-County Trips	Total Trips
1	1-101atSonomaC	US 101 at the Sonoma County Line	6,405	6,498	3,097	0	16,000
2	2-101northofSR-F	US 101 North of San Rafael	9,548	7,663	7,516	13,273	38,000
3	3-101atSRCreek-F	US 101 at San Rafael Creek	9,642	8,001	9,315	20,042	47,000
4	4-101atCMCreek-	US 101 at Corte Madera Creek	6,005	4,287	5,921	6,787	23,000
5	5-101atRichBay-F	US 101 at Richardson Bay	5,946	4,306	15,034	5,714	31,000
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	6,241	7,894	15,865	0	30,000
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	3,959	4,149	1,893	0	10,000
8	8-580atRSRBridge	I-580 at the Richmond Bridge	3,015	11,750	4,235	0	19,000
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	15	595	2,375	6,015	9,000
10	10-SFDeastof101-	Sir Francis Drake East of US 101	592	1,443	3,323	6,642	12,000
11	11-1westof101-Fa	SR 1 West of US 101	38	416	4,321	3,225	8,000

#	Lookup	Location	AM Pass-Through Trips: Sonoma County Pass-Through	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Pass-Through	San Francisco County to Marin County	Marin County to San Francisco County
1	1-101atSonomaC	US 101 at the Sonoma County Line	4,486	6,489	3,080	905	0	0
2	2-101northofSR-F	US 101 North of San Rafael	5,848	3,885	2,177	1,624	1,496	2,958
3	3-101atSRCreek-F	US 101 at San Rafael Creek	5,558	2,083	1,493	1,721	2,746	4,018
4	4-101atCMCreek-	US 101 at Corte Madera Creek	3,610	198	734	1,657	3,427	4,373
5	5-101atRichBay-F	US 101 at Richardson Bay	3,865	67	136	1,448	3,681	12,154
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	3,740	0	0	1,792	6,959	13,048
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	1,785	2,028	748	769	0	0
8	8-580atRSRBridge	I-580 at the Richmond Bridge	514	7	0	267	214	32
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	2	177	58	13	255	1,719
10	10-SFDeastof101-	Sir Francis Drake East of US 101	9	67	53	278	410	262
11	11-1westof101-Fa	SR 1 West of US 101	1	6	34	35	326	3,739

#	Lookup	Location	Origins: Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin
1	1-101atSonomaC	US 101 at the Sonoma County Line	10,975	25	34	121	140	341	905	205	56	102	3,097
2	2-101northofSR-F	US 101 North of San Rafael	9,733	1,240	591	361	274	938	3,120	574	151	230	20,788
3	3-101atSRCreek-F	US 101 at San Rafael Creek	7,641	1,061	281	874	598	1,426	4,467	768	218	309	29,357
4	4-101atCMCreek-	US 101 at Corte Madera Creek	3,808	291	71	2	2	4	5,084	898	0	133	12,708
5	5-101atRichBay-F	US 101 at Richardson Bay	3,932	289	97	3	2	3	5,129	691	2	104	20,749
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	3,740	203	61	97	12	41	8,751	1,028	6	197	15,865
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	3,814	1,960	1,284	7	122	30	769	83	5	34	1,893
8	8-580atRSRBridge	I-580 at the Richmond Bridge	521	9	379	4,846	2,418	4,971	481	58	790	293	4,235
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	179	32	10	36	20	25	268	30	3	6	8,391
10	10-SFDeastof101-	Sir Francis Drake East of US 101	76	16	86	596	139	289	687	19	118	9	9,965
11	11-1westof101-Fa	SR 1 West of US 101	6	3	2	6	10	11	362	45	3	6	7,546

#	Lookup	Location	Destinations: Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin
1	1-101atSonomaC	US 101 at the Sonoma County Line	4,967	32	19	225	18	704	2,485	756	135	161	6,498
2	2-101northofSR-F	US 101 North of San Rafael	4,569	813	461	285	58	1,595	7,024	1,632	156	471	20,936
3	3-101atSRCreek-F	US 101 at San Rafael Creek	4,169	854	309	426	221	2,058	8,080	2,079	200	561	28,043
4	4-101atCMCreek-	US 101 at Corte Madera Creek	2,308	663	212	2	2	10	8,013	442	5	270	11,074
5	5-101atRichBay-F	US 101 at Richardson Bay	1,536	305	75	4	5	16	15,865	2,425	10	739	10,020
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	1,443	321	58	266	6	50	16,806	2,417	11	726	7,894
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	1,321	951	749	53	24	394	1,804	454	23	79	4,149
8	8-580atRSRBridge	I-580 at the Richmond Bridge	1,612	4	33	861	758	2,780	707	15	403	78	11,750
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	58	26	11	43	91	124	1,732	203	15	88	6,610
10	10-SFDeastof101-	Sir Francis Drake East of US 101	55	5	32	598	676	1,696	551	43	230	29	8,086
11	11-1westof101-Fa	SR 1 West of US 101	35	9	21	38	25	109	3,744	274	14	89	3,642

#	Lookup	Location	AM Pass-Through Trips: Sonoma County to San Francisco County	San Francisco County to Sonoma County
1	1-101atSonomaC	US 101 at the Sonoma County Line	2,474	891
2	2-101northofSR-F	US 101 North of San Rafael	3,411	1,152
3	3-101atSRCreek-F	US 101 at San Rafael Creek	3,411	1,152
4	4-101atCMCreek-	US 101 at Corte Madera Creek	3,411	1,152
5	5-101atRichBay-F	US 101 at Richardson Bay	3,411	1,152
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	3,411	1,152
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	938	261
8	8-580atRSRBridge	I-580 at the Richmond Bridge	3	54
9	9-SFDwestof101-F	Sir Francis Drake West of US 101	0	0
10	10-SFDeastof101-	Sir Francis Drake East of US 101	3	0
11	11-1westof101-Fa	SR 1 West of US 101	1	1

Appendix A - Origin-Destination Data (Select-Link PM Peak Period)

Relative Percentages

#	Lookup	Location	PM Trip Type: Marin County Pass-Through Trips	Trips in to Marin County	Trips out of Marin County	Intra-County Trips	Total Trips	Count
1	1-101atSonomaC	US 101 at the Sonoma County Line	37%	28%	36%	0%	18,000	18,000
2	2-101northofSR-F	US 101 North of San Rafael	21%	18%	19%	42%	47,000	47,000
3	3-101atSRCreek-F	US 101 at San Rafael Creek	18%	19%	17%	46%	55,000	55,000
4	4-101atCMCreek-	US 101 at Corte Madera Creek	17%	22%	14%	46%	41,000	41,000
5	5-101atRichBay-F	US 101 at Richardson Bay	19%	26%	24%	31%	32,000	32,000
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	20%	49%	31%	0%	32,000	32,000
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	34%	24%	42%	0%	10,000	10,000
8	8-580atRSRBridge	I-580 at the Richmond Bridge	16%	33%	51%	0%	23,000	23,000
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	0%	18%	8%	74%	14,000	14,000
10	10-SFDeastof101-	Sir Francis Drake East of US 101	4%	23%	12%	60%	12,000	12,000
11	11-1westof101-Fa	SR 1 West of US 101	0%	40%	10%	49%	9,000	9,000

#	Lookup	Location	PM Pass-Through Trips: Sonoma County Pass-Through	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Pass-Through	San Francisco County to Marin County	Marin County to San Francisco County
1	1-101atSonomaC	US 101 at the Sonoma County Line	17%	27%	35%	11%	0%	0%
2	2-101northofSR-F	US 101 North of San Rafael	8%	7%	9%	7%	5%	4%
3	3-101atSRCreek-F	US 101 at San Rafael Creek	7%	4%	5%	6%	9%	5%
4	4-101atCMCreek-	US 101 at Corte Madera Creek	6%	3%	2%	8%	15%	9%
5	5-101atRichBay-F	US 101 at Richardson Bay	8%	1%	0%	9%	21%	21%
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	7%	0%	0%	9%	42%	27%
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	8%	11%	29%	12%	0%	0%
8	8-580atRSRBridge	I-580 at the Richmond Bridge	7%	0%	0%	3%	1%	0%
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	0%	1%	1%	0%	13%	5%
10	10-SFDeastof101-	Sir Francis Drake East of US 101	0%	0%	1%	2%	2%	3%
11	11-1westof101-Fa	SR 1 West of US 101	0%	0%	0%	0%	35%	8%

#	Lookup	Location	Origins: Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin	Destinations: Location	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin
1	1-101atSonomaC	US 101 at the Sonoma County Line	44%	0%	0%	1%	0%	3%	11%	3%	1%	1%	36%	US 101 at the Sonoma County Line	55%	0%	0%	1%	0%	3%	8%	2%	1%	1%	28%
2	2-101northofSR-F	US 101 North of San Rafael	15%	3%	1%	1%	0%	3%	12%	2%	0%	1%	61%	US 101 North of San Rafael	20%	2%	1%	1%	1%	3%	10%	2%	0%	1%	60%
3	3-101atSRCreek-F	US 101 at San Rafael Creek	10%	2%	1%	1%	0%	3%	15%	2%	0%	1%	63%	US 101 at San Rafael Creek	13%	2%	1%	1%	1%	3%	11%	2%	0%	1%	65%
4	4-101atCMCreek-	US 101 at Corte Madera Creek	9%	2%	1%	0%	0%	0%	23%	3%	0%	1%	60%	US 101 at Corte Madera Creek	10%	1%	0%	0%	0%	0%	16%	3%	0%	1%	69%
5	5-101atRichBay-F	US 101 at Richardson Bay	8%	2%	1%	0%	0%	0%	30%	4%	0%	1%	55%	US 101 at Richardson Bay	10%	1%	0%	0%	0%	0%	29%	3%	0%	1%	57%
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	7%	1%	0%	1%	0%	0%	52%	6%	0%	2%	31%	US 101 at the Golden Gate Bridge	9%	0%	0%	0%	0%	0%	36%	4%	0%	1%	49%
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	19%	14%	7%	0%	0%	2%	12%	2%	0%	1%	42%	SR 37 at the Sonoma County Line	41%	13%	6%	0%	0%	1%	12%	2%	0%	0%	24%
8	8-580atRSRBridge	I-580 at the Richmond Bridge	7%	0%	1%	8%	5%	21%	3%	0%	3%	1%	51%	I-580 at the Richmond Bridge	4%	0%	1%	19%	8%	26%	3%	0%	3%	2%	33%
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	1%	0%	0%	0%	1%	1%	13%	1%	0%	0%	82%	Sir Francis Drake West of US 101	1%	0%	0%	0%	0%	1%	5%	0%	0%	0%	92%
10	10-SFDeastof101-	Sir Francis Drake East of US 101	0%	0%	1%	5%	4%	12%	4%	0%	1%	0%	72%	Sir Francis Drake East of US 101	1%	0%	1%	4%	1%	4%	5%	0%	1%	0%	84%
11	11-1westof101-Fa	SR 1 West of US 101	0%	0%	0%	0%	0%	1%	35%	3%	0%	1%	59%	SR 1 West of US 101	0%	0%	0%	0%	0%	0%	9%	1%	0%	0%	89%

Absolute Numbers

#	Lookup	Location	PM Trip Type: Marin County Pass-Through Trips	Trips in to Marin County	Trips out of Marin County	Intra-County Trips	Total Trips
1	1-101atSonomaC	US 101 at the Sonoma County Line	6,613	4,983	6,404	0	18,000
2	2-101northofSR-F	US 101 North of San Rafael	9,962	8,386	8,714	19,938	47,000
3	3-101atSRCreek-F	US 101 at San Rafael Creek	9,905	10,557	9,372	25,165	55,000
4	4-101atCMCreek-	US 101 at Corte Madera Creek	7,055	9,142	5,760	19,043	41,000
5	5-101atRichBay-F	US 101 at Richardson Bay	6,148	8,242	7,665	9,946	32,000
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	6,343	15,715	9,941	0	32,000
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	3,350	2,435	4,215	0	10,000
8	8-580atRSRBridge	I-580 at the Richmond Bridge	3,660	7,621	11,719	0	23,000
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	10	2,546	1,072	10,372	14,000
10	10-SFDeastof101-	Sir Francis Drake East of US 101	512	2,819	1,466	7,203	12,000
11	11-1westof101-Fa	SR 1 West of US 101	31	3,639	944	4,385	9,000

#	Lookup	Location	PM Pass-Through Trips: Sonoma County Pass-Through	Sonoma County to Marin County	Marin County to Sonoma County	San Francisco County Pass-Through	San Francisco County to Marin County	Marin County to San Francisco County
1	1-101atSonomaC	US 101 at the Sonoma County Line	2,980	4,945	6,362	1,984	0	0
2	2-101northofSR-F	US 101 North of San Rafael	3,785	3,393	4,458	3,159	2,568	1,721
3	3-101atSRCreek-F	US 101 at San Rafael Creek	3,577	2,158	2,574	3,202	5,224	2,995
4	4-101atCMCreek-	US 101 at Corte Madera Creek	2,574	1,260	891	3,085	6,337	3,863
5	5-101atRichBay-F	US 101 at Richardson Bay	2,438	232	104	2,890	6,682	6,601
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	2,372	0	0	3,033	13,553	8,680
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	833	1,102	2,852	1,162	0	0
8	8-580atRSRBridge	I-580 at the Richmond Bridge	1,646	2	0	623	117	85
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	1	85	149	7	1,870	648
10	10-SFDeastof101-	Sir Francis Drake East of US 101	8	37	85	213	258	305
11	11-1westof101-Fa	SR 1 West of US 101	1	29	14	10	3,177	748

#	Lookup	Location	PM Pass-Through Trips: Sonoma County to San Francisco County	San Francisco County to Sonoma County
1	1-101atSonomaC	US 101 at the Sonoma County Line	1,502	1,961
2	2-101northofSR-F	US 101 North of San Rafael	2,079	2,732
3	3-101atSRCreek-F	US 101 at San Rafael Creek	2,079	2,732
4	4-101atCMCreek-	US 101 at Corte Madera Creek	2,079	2,732
5	5-101atRichBay-F	US 101 at Richardson Bay	2,079	2,732
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	2,079	2,732
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	577	771
8	8-580atRSRBridge	I-580 at the Richmond Bridge	25	16
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	0	2
10	10-SFDeastof101-	Sir Francis Drake East of US 101	1	4
11	11-1westof101-Fa	SR 1 West of US 101	1	4

#	Lookup	Location	Origins: Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin	Destinations: Location	Sonoma	Napa	Solano	West Contra Costa	East Contra Costa	North Alameda	San Francisco	San Mateo	South Alameda	Santa Clara	Marin
1	1-101atSonomaC	US 101 at the Sonoma County Line	7,926	74	11	259	18	561	1,984	478	108	179	6,404	US 101 at the Sonoma County Line	9,927	73	20	147	69	560	1,528	308	124	261	4,983
2	2-101northofSR-F	US 101 North of San Rafael	7,178	1,373	536	423	60	1,433	5,727	1,066	159	392	28,653	US 101 North of San Rafael	9,223	1,163	407	414	256	1,258	4,578	810	200	367	28,324
3	3-101atSRCreek-F	US 101 at San Rafael Creek	5,735	1,213	410	631	199	1,805	8,425	1,361	205	478	34,538	US 101 at San Rafael Creek	7,395	1,026	279	797	478	1,695	5,907	977	260	464	35,722
4	4-101atCMCreek-	US 101 at Corte Madera Creek	3,834	875	300	9	4	14	9,421	1,374	4	361	24,803	US 101 at Corte Madera Creek	4,187	560	159	2	9	18	6,620	1,032	6	223	28,185
5	5-101atRichBay-F	US 101 at Richardson Bay	2,671	507	170	4	4	14	9,573	1,137	5	306	17,610	US 101 at Richardson Bay	3,050	165	63	1	6	18	9,201	1,059	5	244	18,187
6	6-101atGGBridge	US 101 at the Golden Gate Bridge	2,372	351	107	199	16	60	16,587	1,843	12	512	9,941	US 101 at the Golden Gate Bridge	2,950	145	49	105	17	66	11,405	1,192	21	334	15,715
7	7-37atSonomaCL-	SR 37 at the Sonoma County Line	1,935	1,350	730	49	6	234	1,162	243	17	58	4,215	SR 37 at the Sonoma County Line	4,145	1,263	607	11	22	80	1,236	161	9	30	2,435
8	8-580atRSRBridge	I-580 at the Richmond Bridge	1,648	16	166	1,931	1,192	4,819	740	25	580	164	11,719	I-580 at the Richmond Bridge	912	33	319	4,452	1,929	5,947	586	42	763	397	7,621
9	9-SFDwestof101-I	Sir Francis Drake West of US 101	86	23	18	41	93	166	1,877	168	17	67	11,443	Sir Francis Drake West of US 101	151	52	6	36	30	74	654	52	8	18	12,918
10	10-SFDeastof101-	Sir Francis Drake East of US 101	45	10	64	563	524	1,441	470	32	157	23	8,669	Sir Francis Drake East of US 101	91	10	63	443	155	504	584	25	87	18	10,022
11	11-1westof101-Fa	SR 1 West of US 101	30	8	4	26	10	50	3,187	263	9	83	5,330	SR 1 West of US 101	18	10	5	13	9	33	772	79	9	27	8,024

Appendix A - Origin-Destination Data (Coutywide AM Peak Period)

All Marin County Trips
Non-Summer

Destination

Origin (AM)	Sonoma	Napa	Solano	West CC	East CC	North AL	SF	San Mateo	South AL	SC	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	0	20	182	25	721	3,413	664	100	138	9	560	9	723	144	3,528	13	76	2,803	158	59	445	8,525	**13,787**
Napa	4	0	0	1	0	2	449	108	1	14	2	45	3	160	107	253	3	5	381	24	7	51	1,039	**1,618**
Solano	42	0	0	0	0	0	119	3	0	0	2	39	39	43	27	374	0	13	755	21	45	71	1,428	**1,593**
West CC	199	0	0	0	0	0	273	0	0	0	7	248	7	262	117	377	4	8	2,587	189	138	183	4,126	**4,599**
East CC	195	0	0	0	0	0	25	0	0	0	3	61	4	98	26	364	3	48	1,453	75	25	90	2,251	**2,471**
North AL	618	1	0	0	0	0	82	0	0	0	5	130	14	130	79	873	25	14	2,242	131	37	300	3,981	**4,682**
SF	1,179	380	65	227	2	13	0	0	0	0	57	872	33	545	412	986	50	84	1,708	1,013	259	1,155	7,172	**9,039**
San Mateo	255	15	7	0	0	0	0	0	0	0	1	78	4	42	32	176	5	18	256	56	24	129	820	**1,098**
South AL	96	0	0	0	0	0	0	0	0	0	0	37	0	22	68	142	1	7	173	103	71	41	665	**761**
SC	170	2	0	0	0	0	0	0	0	0	1	7	0	15	4	112	1	0	65	19	2	56	282	**454**
Belvedere	22	3	1	0	2	7	238	20	0	7	172	378	4	101	173	14	12	10	212	84	724	260	2,146	**2,446**
Corte Madera	229	20	62	72	28	255	1,105	187	59	69	142	2,126	58	1,842	1,081	165	107	299	2,586	887	824	721	10,839	**12,925**
Fairfax	6	1	14	2	1	12	88	13	3	6	2	137	443	392	33	157	28	743	808	13	24	290	3,071	**3,216**
Larkspur	159	63	33	73	47	271	1,784	268	31	59	44	3,529	137	7,131	787	435	749	699	4,529	472	457	607	19,576	**22,363**
Mill Valley	100	84	16	24	83	114	1,614	252	17	70	68	1,667	17	833	5,672	251	62	96	1,652	1,724	655	2,575	15,270	**17,643**
Novato	1,842	90	129	21	13	258	831	155	13	89	4	485	23	704	224	15,460	15	131	5,529	183	29	1,524	24,311	**27,752**
Ross	48	2	0	3	62	16	243	22	3	8	2	381	23	1,134	115	28	219	386	734	25	17	157	3,220	**3,626**
San Anselmo	65	14	15	71	59	108	506	95	62	77	6	465	602	1,545	109	275	343	2,532	2,680	104	44	440	9,143	**10,215**
San Rafael	869	128	207	240	170	741	2,035	299	108	93	181	2,861	200	4,216	1,012	2,807	291	1,320	21,940	817	484	1,231	37,361	**42,250**
Sausalito	136	44	19	29	75	153	1,512	295	19	80	26	769	10	601	1,061	154	19	28	1,292	2,623	367	1,317	8,266	**10,630**
Tiburon	97	21	23	23	158	234	1,041	191	33	90	478	2,048	15	621	1,009	270	44	46	1,722	861	4,582	1,034	12,729	**14,639**
Unincorporated	254	42	158	26	53	287	2,084	297	22	93	96	1,234	206	981	2,484	1,275	68	449	3,618	2,356	1,061	4,077	17,906	**21,220**
Marin	3,827	512	676	585	752	2,455	13,080	2,093	369	740	1,219	16,081	1,738	20,101	13,760	21,291	1,957	6,739	47,301	10,149	9,267	14,234	163,837	**188,926**
Total	**6,585**	**910**	**768**	**995**	**779**	**3,191**	**17,441**	**2,867**	**470**	**892**	**1,304**	**18,158**	**1,851**	**22,141**	**14,776**	**28,476**	**2,063**	**7,011**	**59,723**	**11,938**	**9,933**	**16,754**	**194,128**	**229,027**

	Trips	Percent		Count	TM1	Census
	9,809	4.3%	Marin County Pass-Through Trips	included	not included	12,160
	30,292	13.2%	Trips in to Marin County	42,000	43,866	44,062
	25,089	11.0%	Trips out of Marin County	33,000	43,688	40,749
	163,837	71.5%	Intra-County Trips	2.96 Factor	139,203	
	229,027	**100%**	**Total Trips**		**226,757**	

account for inter-zonal trips

In to Marin County		County	Out of Marin County	
8,525	28%	Sonoma	3,827	15%
1,039	3%	Napa	512	2%
1,428	5%	Solano	676	3%
4,126	14%	West Contra Costa	585	2%
2,251	7%	East Contra Costa	752	3%
3,981	13%	North Alameda	2,455	10%
7,172	24%	San Francisco	13,080	52%
820	3%	San Mateo	2,093	8%
665	2%	South Alameda	369	1%
282	1%	Santa Clara	740	3%

Marin County Origins		City	Marin County Destinations	
2,446	1%	Belvedere	1,304	1%
12,925	7%	Corte Madera	18,158	9%
3,216	2%	Fairfax	1,851	1%
22,363	12%	Larkspur	22,141	11%
17,643	9%	Mill Valley	14,776	8%
27,752	15%	Novato	28,476	15%
3,626	2%	Ross	2,063	1%
10,215	5%	San Anselmo	7,011	4%
42,250	22%	San Rafael	59,723	31%
10,630	6%	Sausalito	11,938	6%
14,639	8%	Tiburon	9,933	5%
21,220	11%	Unincorporated	16,754	9%

5,262	2%	Sonoma County Pass-Through	
8,525	4%	Sonoma County to Marin County	
3,827	2%	Marin County to Sonoma County	
1,866	1%	San Francisco County Pass-Through	
7,172	3%	San Francisco County to Marin County	
13,080	6%	Marin County to San Francisco County	

	Marin to:		to Marin:	
Marin-Sonoma CL	Sonoma County	3,827	Sonoma County	13,787
		22%		78%
RSR Bridge	Contra Costa County	1,337	Contra Costa County	6,378
	Alameda County	2,824	Alameda County	4,646
	Total	**4,161**	Total	**11,024**
		27%		73%
GG Bridge	San Francisco County	13,080	San Francisco County	7,172
	San Mateo County	2,093	San Mateo County	820
	Total	**15,173**	Total	**7,993**
		65%		35%

Top 20 Movements

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	21,940	19	19
2	Novato	Novato	15,460	16	16
3	Larkspur	Larkspur	7,131	14	14
4	Mill Valley	Mill Valley	5,672	15	15
5	Novato	San Rafael	5,529	16	19
6	Tiburon	Tiburon	4,582	21	21
7	Larkspur	San Rafael	4,529	14	19
8	San Rafael	Larkspur	4,216	19	14
9	Unincorporated	Unincorporated	4,077	22	22
10	Unincorporated	San Rafael	3,618	22	19
11	Larkspur	Corte Madera	3,529	14	12
12	Sonoma	Novato	3,528	1	16
13	Sonoma	SF	3,413	1	7
14	San Rafael	Corte Madera	2,861	19	12
15	San Rafael	Novato	2,807	19	16
16	Sonoma	San Rafael	2,803	1	19
17	San Anselmo	San Rafael	2,680	18	19
18	Sausalito	Sausalito	2,623	20	20
19	West CC	San Rafael	2,587	4	19
20	Corte Madera	San Rafael	2,586	12	19

Percentage of ALL Trips

8,525	4%	Sonoma County to Marin County
7,172	3%	San Francisco County to Marin County
3,827	2%	Marin County to Sonoma County
13,080	6%	Marin County to San Francisco County

14% of all trips interact with Sonoma or San Francisco County

Percentage of Trips in to Marin County

8,525	28%	Sonoma County to Marin County
7,172	24%	San Francisco County to Marin County

52% of trips in to Marin County are from Sonoma or San Francisco County

Percentage of Trips out of Marin County

3,827	15%	Marin County to Sonoma County
13,080	52%	Marin County to San Francisco County

67% of trips out of Marin County are to Sonoma or San Francisco County

Appendix A - Origin-Destination Data (Coutywide PM Peak Period)

All Marin County Trips
Non-Summer

Destination

Origin (PM)	Sonoma	Napa	Solano	West CC	East CC	North AL	SF	San Mateo	South AL	SC	Belvedere	Corte Madera	Fairfax	Larkspur	Mill Valley	Novato	Ross	San Anselmo	San Rafael	Sausalito	Tiburon	Unincorporated	Marin	Total
Sonoma	0	2	17	194	87	779	2,092	316	160	269	26	473	42	252	228	2,641	49	99	1,392	221	135	492	6,049	**9,965**
Napa	4	0	0	0	1	4	433	48	3	6	2	66	7	59	64	194	5	12	221	61	26	72	790	**1,291**
Solano	9	0	0	0	0	1	158	5	0	0	2	51	4	60	38	161	2	30	155	30	21	113	667	**840**
West CC	257	0	2	0	0	0	264	0	0	0	3	148	6	128	63	81	8	115	680	53	57	50	1,393	**1,915**
East CC	16	0	0	0	0	0	10	0	0	0	7	85	2	161	130	32	65	66	298	97	120	114	1,178	**1,205**
North AL	665	2	0	0	0	0	38	0	0	0	6	504	25	524	449	438	21	197	1,296	249	168	388	4,264	**4,969**
SF	2,740	229	91	251	21	68	0	0	0	0	231	1,471	79	1,294	1,832	664	263	437	1,861	1,937	766	2,836	13,670	**17,071**
San Mateo	412	54	5	0	0	0	0	0	0	0	19	203	8	126	187	117	22	58	240	245	125	299	1,648	**2,118**
South AL	102	1	0	0	0	0	0	0	0	0	2	48	3	66	32	31	5	55	169	25	20	58	512	**615**
SC	155	11	0	0	0	0	0	0	0	0	7	63	6	46	54	69	10	29	98	65	31	105	582	**748**
Belvedere	10	9	1	46	3	113	109	4	0	1	145	137	3	59	119	8	4	21	112	51	553	116	1,326	**1,623**
Corte Madera	739	104	51	305	86	294	860	77	37	24	234	3,309	130	4,473	1,662	613	304	581	4,059	818	1,310	1,286	18,778	**21,355**
Fairfax	9	5	8	15	4	40	65	9	7	12	8	70	486	171	45	29	83	724	370	24	13	364	2,386	**2,560**
Larkspur	428	132	30	184	107	274	671	53	26	28	78	2,593	192	6,962	998	380	1,064	1,379	3,827	456	517	703	19,148	**21,080**
Mill Valley	228	82	21	91	42	220	827	68	36	16	169	2,472	35	1,052	7,442	249	112	166	1,237	1,471	1,277	3,490	19,172	**20,801**
Novato	4,250	169	202	357	299	854	719	156	91	90	9	427	77	502	310	14,610	51	278	3,463	160	131	1,901	21,919	**29,106**
Ross	25	5	4	10	1	30	113	7	1	2	8	163	71	724	71	19	230	772	426	31	27	43	2,585	**2,784**
San Anselmo	93	17	5	21	38	136	218	22	4	7	18	353	922	916	183	129	515	2,783	1,734	75	45	440	8,111	**8,672**
San Rafael	2,290	224	312	2,353	1,003	2,283	1,570	213	195	111	200	3,212	651	4,280	1,564	4,360	543	2,830	25,749	915	833	2,517	47,653	**58,207**
Sausalito	268	51	18	83	88	169	1,438	121	53	59	71	2,315	23	627	3,329	138	36	94	1,050	3,906	636	3,586	15,812	**18,159**
Tiburon	94	29	45	130	51	172	553	49	40	19	587	1,434	14	604	1,070	126	26	59	719	444	3,766	1,016	9,866	**11,047**
Unincorporated	782	90	71	227	99	363	1,624	185	99	102	354	1,830	350	851	3,213	899	84	450	2,099	1,971	1,577	6,044	19,721	**23,364**
Marin	9,214	916	766	3,823	1,819	4,949	8,766	965	590	472	1,882	18,313	2,952	21,220	20,007	21,559	3,052	10,136	44,844	10,323	10,684	21,506	186,478	**218,757**
Total	**13,574**	**1,215**	**881**	**4,269**	**1,928**	**5,801**	**11,760**	**1,334**	**754**	**747**	**2,187**	**21,426**	**3,133**	**23,937**	**23,084**	**25,986**	**3,501**	**11,233**	**51,252**	**13,306**	**12,154**	**26,032**	**217,232**	**259,495**

	Trips	Percent		Count	TM1	Census
	9,983	3.8%	Marin County Pass-Through Trips	included	not included	12,160
	30,755	11.9%	Trips in to Marin County	40,000	37,637	40,749
	32,279	12.4%	Trips out of Marin County	43,000	41,912	44,062
	186,478	71.9%	Intra-County Trips	2.96 Factor	189,100	
	259,495	**100%**	**Total Trips**		**268,649**	

In to Marin County		County	Out of Marin County	
6,049	20%	Sonoma	9,214	29%
790	3%	Napa	916	3%
667	2%	Solano	766	2%
1,393	5%	West Contra Costa	3,823	12%
1,178	4%	East Contra Costa	1,819	6%
4,264	14%	North Alameda	4,949	15%
13,670	44%	San Francisco	8,766	27%
1,648	5%	San Mateo	965	3%
512	2%	South Alameda	590	2%
582	2%	Santa Clara	472	1%

Marin County Origins		City	Marin County Destinations	
1,623	1%	Belvedere	2,187	1%
21,355	10%	Corte Madera	21,426	10%
2,560	1%	Fairfax	3,133	1%
21,080	10%	Larkspur	23,937	11%
20,801	10%	Mill Valley	23,084	11%
29,106	13%	Novato	25,986	12%
2,784	1%	Ross	3,501	2%
8,672	4%	San Anselmo	11,233	5%
58,207	27%	San Rafael	51,252	24%
18,159	8%	Sausalito	13,306	6%
11,047	5%	Tiburon	12,154	6%
23,364	11%	Unincorporated	26,032	12%

3,916	2%	Sonoma County Pass-Through		
6,049	2%	Sonoma County to Marin County		
9,214	4%	Marin County to Sonoma County		
3,401	1%	San Francisco County Pass-Through		
13,670	5%	San Francisco County to Marin County		
8,766	3%	Marin County to San Francisco County		

		Marin to:		to Marin:	
	Marin-Sonoma CL	Sonoma County	9,214	Sonoma County	9,965
			48%		52%
RSR Bridge		Contra Costa County	5,642	Contra Costa County	2,571
		Alameda County	5,539	Alameda County	4,776
		Total	**11,181**	Total	**7,347**
			60%		40%
GG Bridge		San Francisco County	8,766	San Francisco County	13,670
		San Mateo County	965	San Mateo County	1,648
		Total	**9,731**	Total	**15,318**
			39%		61%

Top 20 Movements

#	From	To	Value	Row	Column
1	San Rafael	San Rafael	25,749	19	19
2	Novato	Novato	14,610	16	16
3	Mill Valley	Mill Valley	7,442	15	15
4	Larkspur	Larkspur	6,962	14	14
5	Unincorporated	Unincorporated	6,044	22	22
6	Corte Madera	Larkspur	4,473	12	14
7	San Rafael	Novato	4,360	19	16
8	San Rafael	Larkspur	4,280	19	14
9	Novato	Sonoma	4,250	16	1
10	Corte Madera	San Rafael	4,059	12	19
11	Sausalito	Sausalito	3,906	20	20
12	Larkspur	San Rafael	3,827	14	19
13	Tiburon	Tiburon	3,766	21	21
14	Sausalito	Unincorporated	3,586	20	22
15	Mill Valley	Unincorporated	3,490	15	22
16	Novato	San Rafael	3,463	16	19
17	Sausalito	Mill Valley	3,329	20	15
18	Corte Madera	Corte Madera	3,309	12	12
19	Unincorporated	Mill Valley	3,213	22	15
20	San Rafael	Corte Madera	3,212	19	12

Percentage of ALL Trips

6,049	2%	Sonoma County to Marin County
13,670	5%	San Francisco County to Marin County
9,214	4%	Marin County to Sonoma County
8,766	3%	Marin County to San Francisco County
	15%	of all trips interact with Sonoma or San Francisco County

Percentage of Trips in to Marin County

6,049	20%	Sonoma County to Marin County
13,670	44%	San Francisco County to Marin County
	64%	of trips in to Marin County are from Sonoma or San Francisco County

Percentage of Trips out of Marin County

9,214	29%	Marin County to Sonoma County
8,766	27%	Marin County to San Francisco County
	56%	of trips out of Marin County are to Sonoma or San Francisco County

APPENDIX B: HOME AND WORK LOCATION DATA

Appendix B - Home and Work Location Data (Absolute Numbers)

Where do people who live in Marin County commute to?

		Home Zone															
Work Zone		**Sausalito**		**Tiburon/Belvedere**		**Mill Valley**		**Corte Madera/Larkspur**		**Southern San Rafael/Fairfax/San Anselmo/Ross**		**Terra Linda/Northern San Rafael**		**Novato**		**Total**	
Sausalito	**Marin County**	96		49		740		408		945		128		298		2,663	
Tiburon/Belvedere		58		337		162		165		802		141		149		1,815	
Mill Valley		352		648		238		509		1,892		267		1,060		4,966	
Corte Madera/Larkspur		363	1,277	1,470	3,222	874	3,144	1,328	5,611	5,133	17,771	1,122	6,555	2,533	16,801	12,823	54,381
Southern San Rafael/Fairfax/San Anselmo/Ross		392		346		972		2,149		6,776		2,782		4,185		17,601	
Terra Linda/Northern San Rafael		17		56		103		753		1,310		1,068		2,095		5,402	
Novato		0		316		55		299		913		1,048		6,481		9,111	
Richmond/San Pablo	**Outside Marin County**	0		83		405		165		307		157		202		1,319	
Berkeley		189		0		339		99		953		91		224		1,895	
Oakland		64		21		87		208		557		487		424		1,849	
San Francisco		2,789		2,057		3,044		4,895		7,767		1,594		4,322		26,468	
South San Francisco/Peninsula		451	3,624	64	2,328	283	4,501	137	6,358	632	11,911	179	3,423	591	8,644	2,337	40,789
Petaluma		91		12		47		76		770		365		960		2,322	
Santa Rosa		17		0		213		534		311		72		1,029		2,176	
Sonoma		0		0		11		17		43		62		245		378	
Napa		23		85		0		39		169		173		132		623	
Vallejo/American Canyon		0		6		71		189		403		242		513		1,424	

How many people live in Marin County also work in Marin County?

Home Zone	**Work in Marin County**	
Sausalito	1,277	
Tiburon/Belvedere	3,222	
Mill Valley	3,144	
Corte Madera/Larkspur	5,611	
Southern San Rafael/Fairfax/San Anselmo/Ross	17,771	
Terra Linda/Northern San Rafael	6,555	
Novato	16,801	
Total	**54,381**	**57%**
Live in Marin County but work outside Marin County	**40,789**	**43%**
Total Workers in Marin County	**95,170**	

How many people live in Marin County and work in the same area?

Home Zone	**% Work in same zone**	
Sausalito	96	
Tiburon/Belvedere	337	
Mill Valley	238	
Corte Madera/Larkspur	1,328	
Southern San Rafael/Fairfax/San Anselmo/Ross	6,776	
Terra Linda/Northern San Rafael	1,068	
Novato	6,481	
Total	**16,324**	**17%**
Live in Marin County but work outside own area	**78,846**	**83%**
Total Workers in Marin County	**95,170**	

Appendix B - Home and Work Location Data (Relative Percentages)

Where do people who live in Marin County commute to?

Work Zone		Home Zone: Sausalito		Tiburon/Belvedere		Mill Valley		Corte Madera/Larkspur		Southern San Rafael/Fairfax/San Anselmo/Ross		Terra Linda/Northern San Rafael		Novato		Total	
Sausalito	Marin County	2%		1%		10%		3%		3%		1%		1%		3%	
Tiburon/Belvedere	Marin County	1%		6%		2%		1%		3%		1%		1%		2%	
Mill Valley	Marin County	7%		12%		3%		4%		6%		3%		4%		5%	
Corte Madera/Larkspur	Marin County	7%	26%	26%	58%	11%	41%	11%	47%	17%	60%	11%	66%	10%	66%	13%	57%
Southern San Rafael/Fairfax/San Anselmo/Ross	Marin County	8%		6%		13%		18%		23%		28%		16%		18%	
Terra Linda/Northern San Rafael	Marin County	0%		1%		1%		6%		4%		11%		8%		6%	
Novato	Marin County	0%		6%		1%		2%		3%		10%		25%		10%	
Richmond/San Pablo	Outside Marin County	0%		1%		5%		1%		1%		2%		1%		1%	
Berkeley	Outside Marin County	4%		0%		4%		1%		3%		1%		1%		2%	
Oakland	Outside Marin County	1%		0%		1%		2%		2%		5%		2%		2%	
San Francisco	Outside Marin County	57%		37%		40%		41%		26%		16%		17%		28%	
South San Francisco/Peninsula	Outside Marin County	9%	74%	1%	42%	4%	59%	1%	53%	2%	40%	2%	34%	2%	34%	2%	43%
Petaluma	Outside Marin County	2%		0%		1%		1%		3%		4%		4%		2%	
Santa Rosa	Outside Marin County	0%		0%		3%		4%		1%		1%		4%		2%	
Sonoma	Outside Marin County	0%		0%		0%		0%		0%		1%		1%		0%	
Napa	Outside Marin County	0%		2%		0%		0%		1%		2%		1%		1%	
Vallejo/American Canyon	Outside Marin County	0%		0%		1%		2%		1%		2%		2%		1%	

What percent of people who live in Marin County work in Marin County?

Home Zone	% Work in Marin County
Sausalito	26%
Tiburon/Belvedere	58%
Mill Valley	41%
Corte Madera/Larkspur	47%
Southern San Rafael/Fairfax/San Anselmo/Ross	60%
Terra Linda/Northern San Rafael	66%
Novato	66%
Marin County	57%

What percent of people who live in Marin County work in the same area?

Home Zone	% Work in same zone
Sausalito	2%
Tiburon/Belvedere	6%
Mill Valley	3%
Corte Madera/Larkspur	11%
Southern San Rafael/Fairfax/San Anselmo/Ross	23%
Terra Linda/Northern San Rafael	11%
Novato	25%