

**Los Angeles County  
Metropolitan  
Transportation  
Authority  
FY 2002 On-Board Bus  
Survey Regional Weekday  
Travel Patterns Report  
Volume 1**

**Report to the Los Angeles  
County Metropolitan  
Transportation Authority  
One Gateway Plaza  
Los Angeles, California 90012**

by

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## **Regional Weekday Travel Patterns MTA On-Board Bus Survey**

This report contains 1,058 maps showing the travel patterns of MTA Metro Bus riders on a line-by-line basis. For MTA each bus line (except Line 620, which is a loop and does not travel in two different directions), there are 9 maps included in this report (Volumes 2-5), as follows (Line 620 is represented by 5 maps):

- Two origin maps (one for each direction of the bus line) that show where each rider starts his or her linked trip, which is not necessarily near the link (bus line) being surveyed;
- Two destination maps (one for each direction), again indicating the ultimate destination for the linked trip;
- Two alighting stop maps—one for each direction of travel and indicating the final bus or rail stop for the linked trip;
- Two boarding stop maps—one for each direction and showing the first bus or rail stop of the linked trip;
- One home address map for each rider of the line.

Municipal Operator maps (Volume 6) are 5 in number for each Operator (total of 60 maps): origins, destinations, alightings, boardings, and home addresses—all without regard to direction of travel or bus line.

Each of these maps depicts the number of sampled respondents who originated, boarded, alighted, or was destined for particular Transportation Analysis Zones in Los Angeles County. The color-coded densities shown on the maps are accurate indicators of existing conditions. The absolute numbers are to scale, but the number of sampled respondents are much lower than the total number of riders on the line.

### **Travel Pattern Summary from On-Board Bus Survey Report**

The Regional Weekday Bus Travel Pattern Report is a companion to the FY 2002 On-Board Survey Report. The latter report discussed three important travel pattern findings. First, a very substantial 74% of MTA Metro Bus riders ride more than one bus or train in the course of their one-way trip.

Among the buses and trains used by weekday Metro Bus patrons, the vast majority are MTA bus and rail trip segments (97%, including 6% Metro Rail), leaving only 3% for other bus/rail systems. One-half of the MTA weekday rider trip segments on other transit systems are found on Santa Monica Big Blue Buses (1.5%), with another one-half of 1% each on Los Angeles Department of Transportation (LADOT) and Foothill Transit buses. Very few MTA bus patrons report using Long Beach Transit. Since these four large municipal systems are roughly equal in size, it can be reasonably surmised from the above that Santa Monica's operation is very integrated with MTA, the regional provider of bus service, while Long Beach's operation is much more self-

contained. On the other hand, another companion report, Regional Weekday Rail Travel Patterns, shows frequent Long Beach patron use of the MTA rail system.

Second, the distribution within and among MTA Subregional Planning Areas reveals a very common pattern:

- Intra-subregional travel (within planning areas) either makes up a majority or a plurality of trips in five of the seven subregions (The exceptions are Westside Cities and Arroyo Verdugo that have more trips to Los Angeles Central than within the subregion).
- Los Angeles Central is either the most common destination or the second most common destination for all subregions.
- Travel to Los Angeles Central is more common than all travel to the remaining subregions combined in five of the seven subregions. This is not the case for the San Fernando Valley or Arroyo Verdugo.

This central city orientation of inter-subregional travel, and its frequency, contradicts a popular notion of suburban disintegration from the urban core. Los Angeles is not necessarily the loosely connected association of suburbs that has so often been portrayed. To the contrary, it is interwoven by transit to and through its central core.

The one dramatic exception to this is the San Fernando Valley. With 67% of weekday bus trips being internal to the subregion, and with connections to the Westside Cities and Arroyo Verdugo being almost as frequent, combined, as those to Central Los Angeles, the San Fernando Valley has far less a Central Los Angeles orientation than any other subregion.

Third, weekday Metro Bus riders travel a median time of 1 hour in the course of their typical bus trip, spending 30 minutes on-board, and 10 minutes for each of the following travel components: getting to their first stop, waiting for buses and trains, and getting from their final stop.

### **Transit Dependence in Los Angeles County**

Transit systems serve a number of constituents. Two of the most important of such groups are: 1) those residents of the County and nearby counties who are dependent upon public transportation for their travel needs, and 2) travelers and residents in the entire region, who need healthy, livable air quality and streets and roads that are as free-moving and unclogged as possible to carry necessary traffic.

The Autos Per Household map that follows shows auto dependency in Los Angeles County. This map is based upon countywide data and is not derived from the 2002 On-Board sample.

Light-colored areas demonstrate relatively few automobiles per household, and dark areas represent high numbers of automobiles per household. These areas that are of low automobile access (and likely higher than average transit dependence) are

concentrated in the following areas, with a handful of small pockets elsewhere:

- Downtown Los Angeles
- South Central Los Angeles
- East Los Angeles
- Hollywood
- Long Beach
- San Pedro

Table 1 (in Appendix A) shows the origins and destinations of weekday, morning peak MTA Bus riders, which are mapped on the AM Peak Origin and AM Peak Destination maps for all MTA 2002 On-Board Survey respondents on the pages that follow. The table is intended for use by transportation modelers. Because there are a variety of ways to aggregate the information, no correspondence table to larger geographic areas are presented. It is clear, however, that, regardless of how the data are aggregated, the first four areas (Downtown Los Angeles, Hollywood, East Los Angeles, and South Central Los Angeles) are well served by MTA buses, and Downtown Los Angeles is further served by buses from a number of the participating Municipal Operators, especially Santa Monica, Foothill, and Los Angeles Department of Transportation (LADOT).

It is known that Long Beach Transit serves the Long Beach/San Pedro areas, however, their non-participation in the study renders the provision of maps of the breadth and significance of their service impossible in this report. Santa Monica and parts of West Los Angeles, which demonstrate some lesser degree of auto availability than many other areas, are served significantly by the Santa Monica Big Blue Bus (as shown on the Santa Monica Big Blue Bus maps) and by MTA Bus service.

Table 1 shows that a relatively small portion of Metro Bus riders originate from and/or are destined to locations outside of Los Angeles County. It also indicates that 0.8% of all bus riders travel into Los Angeles County from other counties and use MTA buses during the course of their morning peak period travels, approximately one-third of whom travel from Orange County. Table 1 further indicates that 1.0% of all MTA bus riders travel to other counties during the course of their morning travels, approximately two-thirds of whom travel to Orange County. The table contains more origins than destinations. This is due to the use of home addresses provided by respondents to supplement origin and destination information, where applicable, and to the fact that morning peak riders tend to originate from their homes, thereby resulting in a greater number of successfully geocoded morning peak origins than destinations.

### **Line-by-Line Analysis**

Line-by-Line generalities are very difficult in a transit system so large and far-reaching as that of the Los Angeles County MTA. What is most notable is the fact that, although most patrons do, in fact, originate, board, and alight at, and are destined for, locations relatively close to the bus upon which they were traveling when they completed

the survey, there are many who are traveling substantial distances to and from locations quite distant from the subject bus line. The data from such riders are included in the data set, but some of these riders' destination and origin locations may not be shown on the maps. To do so would cause the scale of the map to be so small that data from the vast majority of riders nearby the route could not be differentiated adequately. It was determined that the best view of the data that would facilitate detailed analysis while simultaneously showing the majority of geocodes was a view that would include 90% of riders of the bus line. Each map depicts the number of successfully geocoded riders shown on the map—not the number of actual geocodes for that line that include all of the data that are beyond the one mile radius.

Also of note is that some riders seem to travel in the opposite direction from their destination for a short while when they can access the Metro Rail as part of their trip. That is to say, although a rider may be headed south to Long Beach, he or she might travel on a bus for a short distance northward to catch the train going south. Metro Rail and Metro Bus tend to work seamlessly as one, and bus riders who can efficiently incorporate the rail into their trips seem to do so.

The On-Board Bus Survey found that 6% of weekday bus riders also use the Metro Rail in the course of their transit trip. That would represent approximately 75,000 bus/rail riders (6% of 1.25 million weekday bus passengers). The On-Board Rail Survey found that 33% of rail riders also use MTA buses. That would represent approximately the same 75,000 riders (33% of 220,000 weekday riders)—a remarkable statistical confirmation of the magnitude of this rail/bus network.

## **Appendix**

### **Morning Peak Origins/Destinations by Transportation Analysis Zone**

**Appendix**

**Table 1  
MTA Bus Distribution of Origins and  
Destinations  
Transportation Analysis Zones (TAZ)  
(AM Peak)**

TAZ	Origins	Destinations
1	1	4
2	1	1
3	0	1
4	3	0
5	6	8
6	0	0
7	0	1
8	1	1
9	1	0
10	0	1
11	4	5
12	2	2
13	0	0
14	0	1
15	0	0
16	1	0
17	0	1
18	1	0
19	1	0
20	0	0
21	0	0
22	0	0
23	1	0
24	0	0
25	0	0
26	0	0
27	1	0
28	3	1
29	1	0
30	2	0
31	0	0
32	2	0
33	5	2
34	1	0
35	2	1
36	0	0
37	2	3
38	0	1
39	0	0
40	0	0
41	1	1
42	0	0
43	0	0
44	0	0

45	1	2
46	0	1
47	1	0
48	0	0
49	0	0
50	0	0
51	0	0
52	3	0
53	0	1
54	0	0
55	0	1
56	3	2
57	0	0
58	3	1
59	1	0
60	0	0
61	0	0
62	0	0
63	0	2
64	0	2
65	0	0
66	0	0
67	0	0
68	3	5
69	0	1
70	0	1
71	0	1
72	0	1
73	0	0
74	0	0
75	1	0
76	2	1
77	0	0
78	1	1
79	1	1
80	2	0
81	1	2
82	1	0
83	3	2
84	2	2
85	1	3
86	0	1
87	0	0
88	0	0
89	0	0
90	0	0
91	0	1
92	3	2
93	1	0
94	6	1
95	3	3
96	2	1
97	0	6
98	8	20
99	7	20
100	5	18

101	4	0	158	6	10
102	4	3	159	1	1
103	7	7	160	3	4
104	1	2	161	5	3
105	1	2	162	5	3
106	6	0	163	10	24
107	1	2	164	4	13
108	6	3	165	0	2
109	15	5	166	3	10
110	24	9	167	3	5
111	3	0	168	4	2
112	1	2	169	3	11
113	3	4	170	3	32
114	1	0	171	2	3
115	4	1	172	2	1
116	32	13	173	0	2
117	11	5	174	2	24
118	15	5	175	0	0
119	4	2	176	3	2
120	5	5	177	8	2
121	1	4	178	1	4
122	5	2	179	0	3
123	3	1	180	2	19
124	3	1	181	8	9
125	15	26	182	9	7
126	3	12	183	10	2
127	0	1	184	0	1
128	0	1	185	0	0
129	0	1	186	7	2
130	0	1	187	10	18
131	2	29	188	7	4
132	2	4	189	11	3
133	0	4	190	5	13
134	30	24	191	21	7
135	7	1	192	26	6
136	9	3	193	4	1
137	14	2	194	19	12
138	7	5	195	16	11
139	4	1	196	17	3
140	5	1	197	31	17
141	6	4	198	17	5
142	7	6	199	8	5
143	9	3	200	7	6
144	6	3	201	9	10
145	3	2	202	10	2
146	3	1	203	13	0
147	1	1	204	1	2
148	9	9	205	11	5
149	9	7	206	0	0
150	6	8	207	0	3
151	6	12	208	4	7
152	9	2	209	3	5
153	10	3	210	9	2
154	16	2	211	31	12
155	3	4	212	14	6
156	0	1	213	6	8
157	1	2	214	19	4



215	18	2	272	8	11
216	11	8	273	3	4
217	6	5	274	3	1
218	22	14	275	6	15
219	0	7	276	5	4
220	5	1	277	9	6
221	3	5	278	1	2
222	7	4	279	6	14
223	7	1	280	2	1
224	6	4	281	3	7
225	3	1	282	0	0
226	5	8	283	10	9
227	7	21	284	2	5
228	5	3	285	19	33
229	5	5	286	2	2
230	13	3	287	3	3
231	6	0	288	0	0
232	4	4	289	5	3
233	6	2	290	1	2
234	9	9	291	1	0
235	6	3	292	2	12
236	3	2	293	1	2
237	13	4	294	3	10
238	3	10	295	3	8
239	17	2	296	1	7
240	11	6	297	2	13
241	13	10	298	2	1
242	0	1	299	1	1
243	16	7	300	11	4
244	13	2	301	0	0
245	9	4	302	0	0
246	13	4	303	0	0
247	7	6	304	0	0
248	4	2	305	2	0
249	19	4	306	5	2
250	7	2	307	0	3
251	6	17	308	3	2
252	18	16	309	0	4
253	13	2	310	2	4
254	4	2	311	3	6
255	4	2	312	0	2
256	8	4	313	2	4
257	12	2	314	2	1
258	8	2	315	4	10
259	8	3	316	7	6
260	2	5	317	2	2
261	2	4	318	6	3
262	13	5	319	5	4
263	4	3	320	4	5
264	0	3	321	2	3
265	8	3	322	11	6
266	5	1	323	5	2
267	0	1	324	9	3
268	9	19	325	2	3
269	6	6	326	1	1
270	1	3	327	5	2
271	11	5	328	4	2

329	2	3	386	0	5
330	5	2	387	1	2
331	2	2	388	4	10
332	4	4	389	2	6
333	4	3	390	2	8
334	3	1	391	12	9
335	8	1	392	6	11
336	9	5	393	2	3
337	14	3	394	7	10
338	10	4	395	6	7
339	8	4	396	4	6
340	6	1	397	5	14
341	11	10	398	15	26
342	14	29	399	2	12
343	14	9	400	3	9
344	5	1	401	4	9
345	4	0	402	17	75
346	5	4	403	7	19
347	4	2	404	4	10
348	11	3	405	5	10
349	7	2	406	11	36
350	7	4	407	4	13
351	14	5	408	12	8
352	2	0	409	3	3
353	6	7	410	7	6
354	12	17	411	1	10
355	0	0	412	4	5
356	3	2	413	0	9
357	0	1	414	1	5
358	2	0	415	1	3
359	1	4	416	2	0
360	4	4	417	0	2
361	0	0	418	0	4
362	7	1	419	1	3
363	1	0	420	5	3
364	5	3	421	2	2
365	2	2	422	2	0
366	3	4	423	4	2
367	3	8	424	1	5
368	0	1	425	15	4
369	2	2	426	0	2
370	0	8	427	7	7
371	0	1	428	3	5
372	4	3	429	0	3
373	0	2	430	2	4
374	3	7	431	5	0
375	0	2	432	8	21
376	1	4	433	12	7
377	3	10	434	2	0
378	1	7	435	7	6
379	4	5	436	8	9
380	1	3	437	11	3
381	4	14	438	3	3
382	3	4	439	3	1
383	4	3	440	1	4
384	2	3	441	1	2
385	1	2	442	5	5

443	4	3	500	17	22
444	0	9	501	19	12
445	3	25	502	6	19
446	1	5	503	8	11
447	0	12	504	11	16
448	0	4	505	3	3
449	0	0	506	20	6
450	1	3	507	4	12
451	3	4	508	1	3
452	7	8	509	4	12
453	3	0	510	3	5
454	4	3	511	8	35
455	0	0	512	9	12
456	14	3	513	4	19
457	1	2	514	10	8
458	1	1	515	10	21
459	3	3	516	11	8
460	19	10	517	2	13
461	7	2	518	6	5
462	3	2	519	4	14
463	9	17	520	17	10
464	11	8	521	35	15
465	7	18	522	27	12
466	9	3	523	26	14
467	8	6	524	23	10
468	9	5	525	25	7
469	2	6	526	42	7
470	38	30	527	8	4
471	31	9	528	26	24
472	19	21	529	25	7
473	3	3	530	20	7
474	16	14	531	34	13
475	2	1	532	32	3
476	32	11	533	33	4
477	7	6	534	21	37
478	16	8	535	15	34
479	18	7	536	6	54
480	28	6	537	2	10
481	14	12	538	0	11
482	29	19	539	3	4
483	35	7	540	15	8
484	4	9	541	8	10
485	11	45	542	1	1
486	0	4	543	3	5
487	2	10	544	0	3
488	1	12	545	5	0
489	3	4	546	4	5
490	2	6	547	9	14
491	1	20	548	4	5
492	2	12	549	24	3
493	6	11	550	7	4
494	10	58	551	9	7
495	6	21	552	12	54
496	5	10	553	6	8
497	6	26	554	9	7
498	12	7	555	19	11
499	4	6	556	6	1

557	7	3	614	21	9
558	7	1	615	5	9
559	9	10	616	19	8
560	11	6	617	14	4
561	47	17	618	15	3
562	11	5	619	17	7
563	34	11	620	13	3
564	12	6	621	18	6
565	12	7	622	66	5
566	12	9	623	7	1
567	9	7	624	3	5
568	8	7	625	14	7
569	10	7	626	19	2
570	23	16	627	4	21
571	28	16	628	17	10
572	23	17	629	17	1
573	18	9	630	12	4
574	15	5	631	21	12
575	13	4	632	24	6
576	16	0	633	16	7
577	10	2	634	20	14
578	14	2	635	15	10
579	45	9	636	17	7
580	13	10	637	12	2
581	10	7	638	17	6
582	24	6	639	43	6
583	27	13	640	4	2
584	15	12	641	13	7
585	15	6	642	12	2
586	1	5	643	15	4
587	7	16	644	21	7
588	2	4	645	13	7
589	4	4	646	20	10
590	3	8	647	6	4
591	1	3	648	0	0
592	0	1	649	35	5
593	14	1	650	43	15
594	4	8	651	0	3
595	14	0	652	13	30
596	20	3	653	4	1
597	8	12	654	5	13
598	24	5	655	2	5
599	8	8	656	5	7
600	16	6	657	3	1
601	14	5	658	9	5
602	27	8	659	16	7
603	8	9	660	24	6
604	4	1	661	12	2
605	9	13	662	6	3
606	37	3	663	12	0
607	15	5	664	22	10
608	7	6	665	18	2
609	30	22	666	30	9
610	16	12	667	18	1
611	38	14	668	28	10
612	24	8	669	46	6
613	4	0	670	12	7

671	7	7	728	19	8
672	10	2	729	2	0
673	11	1	730	7	6
674	3	10	731	4	3
675	7	5	732	11	10
676	6	3	733	9	14
677	2	1	734	0	4
678	8	1	735	6	3
679	4	3	736	3	10
680	18	10	737	30	7
681	2	4	738	16	11
682	31	6	739	7	2
683	1	1	740	4	2
684	0	1	741	11	7
685	4	0	742	3	6
686	3	2	743	1	0
687	9	5	744	1	1
688	9	7	745	3	16
689	0	1	746	3	7
690	9	22	747	3	10
691	2	11	748	10	5
692	13	21	749	1	5
693	4	0	750	4	2
694	17	14	751	4	7
695	9	10	752	0	12
696	10	10	753	1	1
697	2	1	754	1	3
698	14	19	755	6	8
699	12	8	756	3	3
700	12	5	757	8	8
701	19	8	758	1	2
702	22	5	759	2	1
703	6	1	760	6	2
704	10	0	761	7	13
705	5	2	762	1	5
706	14	5	763	0	5
707	4	9	764	2	0
708	12	9	765	2	7
709	12	4	766	0	0
710	13	2	767	1	0
711	8	2	768	12	1
712	13	4	769	11	9
713	21	7	770	17	10
714	20	1	771	4	1
715	8	3	772	6	3
716	13	6	773	9	4
717	15	3	774	10	26
718	3	3	775	8	2
719	17	7	776	2	1
720	15	18	777	4	1
721	10	17	778	8	6
722	15	13	779	5	4
723	15	10	780	2	1
724	3	22	781	2	1
725	9	5	782	2	1
726	1	7	783	2	3
727	3	1	784	21	6

785	5	2	842	1	4
786	3	5	843	2	8
787	4	4	844	0	14
788	0	1	845	2	0
789	3	1	846	5	4
790	5	14	847	0	1
791	6	11	848	1	0
792	1	0	849	2	4
793	5	11	850	0	2
794	4	4	851	0	0
795	1	0	852	1	4
796	0	8	853	8	3
797	1	1	854	7	7
798	4	4	855	3	5
799	1	1	856	14	1
800	0	2	857	3	2
801	5	2	858	10	11
802	6	14	859	8	5
803	1	2	860	2	3
804	1	0	861	1	1
805	1	1	862	4	3
806	2	0	863	9	3
807	8	18	864	3	4
808	0	0	865	4	1
809	9	7	866	2	9
810	7	4	867	0	0
811	2	0	868	11	2
812	6	3	869	7	3
813	10	5	870	37	10
814	6	9	871	1	0
815	2	2	872	1	0
816	3	3	873	9	2
817	0	0	874	1	2
818	6	11	875	2	1
819	4	3	876	0	0
820	3	5	877	1	2
821	4	4	878	6	3
822	10	5	879	5	2
823	3	0	880	2	5
824	14	1	881	7	5
825	2	2	882	0	0
826	5	2	883	7	3
827	8	19	884	6	1
828	0	5	885	5	1
829	2	0	886	0	0
830	1	1	887	0	0
831	3	3	888	0	3
832	2	1	889	0	0
833	1	2	890	2	3
834	3	1	891	0	0
835	2	4	892	0	0
836	3	0	893	1	4
837	0	1	894	0	0
838	1	6	895	0	0
839	10	21	896	0	1
840	4	1	897	2	2
841	8	2	898	2	0

899	0	0	956	0	0
900	0	1	957	0	3
901	6	1	958	0	0
902	3	1	959	1	0
903	3	0	960	0	1
904	0	2	961	0	8
905	2	0	962	0	0
906	2	1	963	1	2
907	5	3	964	0	0
908	1	7	965	0	0
909	0	0	966	1	4
910	1	0	967	0	0
911	0	1	968	0	0
912	0	3	969	0	0
913	1	1	970	1	0
914	0	0	971	1	1
915	1	2	972	0	0
916	2	0	973	1	0
917	4	2	974	16	22
918	1	0	975	31	26
919	0	0	976	2	11
920	5	1	977	4	29
921	1	1	978	6	4
922	1	1	979	0	13
923	0	4	980	3	19
924	4	2	981	1	3
925	2	0	982	13	26
926	1	0	983	1	2
927	2	7	984	13	21
928	1	5	985	3	6
929	5	2	986	6	39
930	5	2	987	2	36
931	1	1	988	9	58
932	5	2	989	12	6
933	4	14	990	2	4
934	3	0	991	14	14
935	1	2	992	46	17
936	4	2	993	18	7
937	1	0	994	22	4
938	2	7	995	28	18
939	4	12	996	12	3
940	0	2	997	24	26
941	0	0	998	10	3
942	4	1	999	7	9
943	2	8	1000	8	2
944	0	0	1001	14	5
945	1	1	1002	4	1
946	0	0	1003	10	7
947	0	1	1004	27	12
948	0	0	1005	14	16
949	1	0	1006	20	42
950	0	0	1007	5	2
951	0	0	1008	12	3
952	0	1	1009	28	3
953	0	1	1010	37	7
954	0	0	1011	14	4
955	0	2	1012	8	8

1013	12	19	1070	26	11
1014	22	9	1071	9	2
1015	5	2	1072	4	2
1016	10	2	1073	7	1
1017	11	7	1074	13	3
1018	19	7	1075	3	1
1019	13	8	1076	9	6
1020	13	12	1077	2	1
1021	5	2	1078	8	5
1022	3	0	1079	13	8
1023	9	1	1080	9	2
1024	9	5	1081	6	5
1025	7	11	1082	9	3
1026	11	4	1083	5	2
1027	7	1	1084	20	2
1028	7	3	1085	6	5
1029	3	4	1086	5	12
1030	8	2	1087	11	5
1031	13	8	1088	14	7
1032	2	5	1089	43	8
1033	11	4	1090	11	4
1034	8	4	1091	16	11
1035	7	7	1092	9	2
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1038	15	5	1095	8	1
1039	12	10	1096	2	3
1040	9	3	1097	10	9
1041	17	10	1098	6	5
1042	12	6	1099	23	19
1043	9	1	1100	35	10
1044	7	47	1101	15	7
1045	0	23	1102	17	21
1046	2	30	1103	16	9
1047	16	10	1104	7	0
1048	11	8	1105	5	3
1049	48	7	1106	22	3
1050	16	9	1107	14	4
1051	9	5	1108	11	3
1052	9	3	1109	20	13
1053	8	4	1110	12	8
1054	22	14	1111	37	3
1055	5	4	1112	15	3
1056	4	1	1113	22	8
1057	5	9	1114	13	11
1058	14	7	1115	28	5
1059	10	46	1116	9	0
1060	7	36	1117	14	4
1061	6	13	1118	7	6
1062	21	23	1119	12	6
1063	8	5	1120	22	8
1064	17	10	1121	3	5
1065	35	7	1122	13	10
1066	13	2	1123	13	11
1067	18	5	1124	12	2
1068	21	5	1125	33	10
1069	18	3	1126	5	3



1127	6	2	1184	2	0
1128	11	22	1185	4	2
1129	18	4	1186	1	1
1130	17	8	1187	11	3
1131	6	13	1188	5	0
1132	8	2	1189	8	3
1133	3	2	1190	6	3
1134	10	2	1191	1	1
1135	5	1	1192	3	5
1136	5	6	1193	3	0
1137	1	14	1194	4	0
1138	5	5	1195	0	5
1139	4	8	1196	1	4
1140	10	12	1197	0	0
1141	3	10	1198	2	0
1142	3	2	1199	2	0
1143	10	5	1200	4	8
1144	5	9	1201	8	12
1145	5	3	1202	18	15
1146	24	1	1203	3	14
1147	6	2	1204	1	0
1148	13	2	1205	2	0
1149	8	2	1206	0	0
1150	13	1	1207	3	3
1151	11	3	1208	1	0
1152	3	1	1209	5	0
1153	6	1	1210	2	0
1154	8	4	1211	1	2
1155	2	1	1212	6	1
1156	7	3	1213	1	0
1157	4	7	1214	0	0
1158	8	1	1215	0	0
1159	14	2	1216	0	1
1160	11	3	1217	3	0
1161	9	0	1218	1	0
1162	8	9	1219	0	1
1163	2	10	1220	1	0
1164	4	0	1221	2	8
1165	7	3	1222	1	0
1166	5	0	1223	6	1
1167	2	2	1224	1	0
1168	0	0	1225	5	4
1169	6	12	1226	8	11
1170	5	2	1227	3	2
1171	2	2	1228	8	10
1172	6	2	1229	3	2
1173	11	2	1230	2	1
1174	11	0	1231	0	0
1175	8	4	1232	4	0
1176	4	1	1233	4	1
1177	3	2	1234	3	2
1178	2	1	1235	1	5
1179	5	5	1236	11	2
1180	3	5	1237	1	1
1181	4	1	1238	4	0
1182	1	1	1239	1	0
1183	6	3	1240	5	2

1241	5	4	1298	28	11
1242	1	1	1299	20	5
1243	1	3	1300	18	23
1244	7	3	1301	5	7
1245	14	7	1302	8	25
1246	6	5	1303	1	11
1247	22	3	1304	1	75
1248	1	0	1305	9	86
1249	4	0	1306	4	13
1250	3	0	1307	1	72
1251	6	6	1308	2	33
1252	5	4	1309	10	93
1253	1	3	1310	18	87
1254	3	1	1311	6	48
1255	2	2	1312	16	5
1256	5	2	1313	13	8
1257	4	0	1314	29	18
1258	2	2	1315	13	5
1259	1	10	1316	10	8
1260	0	2	1317	24	14
1261	0	10	1318	1	0
1262	0	0	1319	0	0
1263	3	4	1320	7	6
1264	1	0	1321	6	4
1265	0	0	1322	21	9
1266	0	1	1323	13	8
1267	0	0	1324	15	9
1268	3	2	1325	22	10
1269	0	0	1326	11	63
1270	0	3	1327	10	20
1271	5	1	1328	25	51
1272	2	1	1329	13	48
1273	5	0	1330	1	1
1274	2	6	1331	0	3
1275	2	3	1332	2	5
1276	12	11	1333	1	0
1277	8	3	1334	7	1
1278	4	2	1335	4	1
1279	21	26	1336	1	4
1280	6	0	1337	2	3
1281	6	7	1338	6	19
1282	2	0	1339	3	12
1283	1	11	1340	0	3
1284	2	1	1341	1	0
1285	5	7	1342	2	3
1286	8	7	1343	5	17
1287	0	9	1344	1	13
1288	1	4	1345	1	1
1289	7	7	1346	3	2
1290	4	2	1347	2	0
1291	30	17	1348	7	5
1292	30	8	1349	9	9
1293	23	7	1350	11	5
1294	21	23	1351	15	23
1295	34	16	1352	13	6
1296	14	5	1353	2	0
1297	43	23	1354	8	1

1355	14	18	1412	10	0
1356	11	7	1413	6	0
1357	3	1	1414	16	31
1358	10	1	1415	9	5
1359	23	16	1416	4	1
1360	9	4	1417	21	3
1361	14	28	1418	20	18
1362	0	7	1419	3	2
1363	10	3	1420	7	4
1364	4	5	1421	5	5
1365	16	10	1422	12	10
1366	13	7	1423	9	13
1367	17	9	1424	7	6
1368	3	1	1425	7	7
1369	35	10	1426	0	0
1370	19	4	1427	0	1
1371	6	0	1428	0	1
1372	25	8	1429	1	5
1373	7	3	1430	4	2
1374	35	3	1431	1	5
1375	17	3	1432	6	7
1376	19	3	1433	10	5
1377	9	3	1434	2	4
1378	24	2	1435	10	2
1379	13	5	1436	26	7
1380	6	1	1437	7	4
1381	30	6	1438	6	2
1382	5	3	1439	10	6
1383	2	8	1440	6	7
1384	5	4	1441	1	0
1385	7	8	1442	4	3
1386	13	8	1443	10	3
1387	3	3	1444	0	5
1388	6	4	1445	2	8
1389	11	1	1446	10	6
1390	18	1	1447	6	3
1391	6	1	1448	5	6
1392	19	4	1449	9	23
1393	12	4	1450	7	14
1394	10	2	1451	6	1
1395	0	2	1452	2	4
1396	12	1	1453	2	1
1397	41	6	1454	22	9
1398	19	11	1455	16	14
1399	18	2	1456	2	5
1400	15	4	1457	20	5
1401	13	9	1458	11	4
1402	8	8	1459	9	3
1403	14	41	1460	6	31
1404	7	0	1461	10	19
1405	11	3	1462	2	8
1406	13	6	1463	2	0
1407	3	3	1464	15	27
1408	10	3	1465	4	2
1409	7	3	1466	6	4
1410	7	2	1467	3	12
1411	11	8	1468	5	1

1469	1	3	1526	0	0
1470	1	0	1527	7	3
1471	3	4	1528	23	11
1472	4	7	1529	31	11
1473	7	3	1530	9	1
1474	3	1	1531	3	1
1475	4	4	1532	4	4
1476	4	0	1533	3	0
1477	4	3	1534	1	25
1478	1	2	1535	3	3
1479	1	1	1536	3	2
1480	2	4	1537	3	2
1481	0	0	1538	6	6
1482	3	1	1539	2	0
1483	5	4	1540	1	1
1484	1	0	1541	8	25
1485	0	1	1542	4	4
1486	3	0	1543	18	10
1487	5	8	1544	5	11
1488	3	0	1545	2	0
1489	5	4	1546	9	2
1490	8	6	1547	6	6
1491	2	3	1548	17	9
1492	5	9	1549	7	9
1493	2	2	1550	8	5
1494	4	1	1551	2	1
1495	19	3	1552	7	6
1496	2	1	1553	5	3
1497	12	1	1554	2	0
1498	1	2	1555	6	4
1499	9	0	1556	3	6
1500	7	3	1557	9	2
1501	6	2	1558	12	7
1502	6	4	1559	11	14
1503	4	5	1560	16	7
1504	7	4	1561	9	8
1505	4	1	1562	5	29
1506	4	4	1563	10	5
1507	1	1	1564	9	6
1508	4	0	1565	18	7
1509	4	0	1566	15	15
1510	7	1	1567	9	6
1511	6	13	1568	3	11
1512	2	11	1569	0	0
1513	4	7	1570	2	0
1514	7	6	1571	2	3
1515	9	12	1572	1	4
1516	24	9	1573	1	0
1517	19	11	1574	1	1
1518	15	9	1575	1	0
1519	6	3	1576	0	1
1520	19	5	1577	1	0
1521	10	5	1578	0	0
1522	5	17	1579	0	0
1523	15	2	1580	0	1
1524	10	3	1581	0	0
1525	5	2	1582	0	0

1583	1	1	1640	1	0
1584	2	4	1641	3	14
1585	0	0	1642	4	3
1586	5	2	1643	4	11
1587	5	0	1644	2	0
1588	1	0	1645	1	3
1589	1	1	1646	0	0
1590	0	0	1647	0	0
1591	1	0	1648	0	1
1592	2	1	1649	4	1
1593	0	0	1650	1	4
1594	2	2	1651	1	0
1595	2	3	1652	4	0
1596	0	1	1653	17	7
1597	1	0	1654	3	7
1598	0	1	1655	6	0
1599	1	1	1656	4	1
1600	1	0	1657	0	0
1601	2	1	1658	2	0
1602	2	1	1659	2	0
1603	1	1	1660	2	0
1604	1	1	1661	1	4
1605	11	4	1662	1	1
1606	9	3	1663	3	2
1607	2	2	1664	0	5
1608	13	2	1665	2	2
1609	6	2	1666	1	1
1610	3	2	1667	2	2
1611	2	0	1668	1	1
1612	2	0	1669	8	2
1613	2	0	1670	2	0
1614	1	5	1671	2	1
1615	4	0	1672	1	1
1616	2	0	1673	0	1
1617	0	0	1674	0	4
1618	1	0	1675	1	5
1619	0	0	1676	1	0
1620	2	3	1677	2	2
1621	3	0	1678	0	1
1622	0	0	1679	0	1
1623	0	0	1680	4	1
1624	1	0	1681	0	0
1625	0	2	1682	0	0
1626	5	3	1683	2	1
1627	5	0	1684	3	0
1628	8	5	1685	2	0
1629	1	1	1686	1	0
1630	0	0	1687	0	1
1631	1	0	1688	3	0
1632	6	8	1689	1	3
1633	0	1	1690	1	2
1634	2	0	1691	6	5
1635	1	3	1692	0	1
1636	0	2	1693	2	0
1637	0	0	1694	3	3
1638	0	0	1695	0	2
1639	0	0	1696	1	0

1697	0	2
1698	2	3
1699	2	1
1700	1	0
1701	1	1
1702	3	0
1703	0	0
1704	1	2
1705	0	0
1706	0	0
Outside LA County	95	94
<b>Total AM Peak</b>	<b>12,000</b>	<b>9,822</b>