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Cordon Count-1957  
Downtown Los Angeles  
-persons & vehicles

City of Los Angeles  
Department of Traffic

1957

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# CORDON COUNT

## DOWNTOWN LOS ANGELES

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CITY OF LOS ANGELES  
DEPARTMENT OF TRAFFIC

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ARCHITECTS & ENGINEERS

1957

CORDON COUNT  
of  
Persons and Vehicles  
Downtown Los Angeles

S.C.R.T.D. LIBRARY

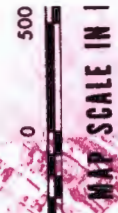
A COMPILATION OF BASIC DATA OF  
THE MOVEMENT OF VEHICLES AND PERSONS  
ENTERING AND LEAVING  
DOWNTOWN LOS ANGELES  
Wednesday, May 15, 1957  
6:00 a.m. to 10:00 p.m.

DEPARTMENT OF TRAFFIC  
CITY OF LOS ANGELES

S. S. Taylor,  
General Manager







FIGUEROA  
FREWAY OFF  
HOPE  
GRAND  
FREWAY OFF  
HILL  
BROADWAY  
SPRING  
MAIN  
LOS ANGELES

TEMPLE ST.

FIRST ST.

SECOND ST.

THIRD ST.

FOURTH ST.

FIFTH ST.

SIXTH ST.

WILSHIRE BLVD.

SEVENTH ST.

EIGHTH ST.

NINTH ST.

OLYMPIC BLVD.

ELEVENTH ST.

TWELTH ST.

PICO BL.

# DOWNTOWN CORDON COUNT

Wednesday May 15, 1957

16 Hour Count - All Vehicles 6:00A.M. to 10:00P.M.

TOTAL 16 HOUR

Inbound 327046

Outbound 323625

CITY OF LOS ANGELES  
DEPARTMENT OF TRAFFIC

S.S. TAYLOR General Manager

FREWAY ON RAMP

ALISO ST.

COMMERCIAL ST.

MARKET ST.

FIRST ST.

SECOND ST.

THIRD ST.

BOYD ST.

FOURTH ST.

WINSTON ST.

FIFTH ST.

STREETCAR

SIXTH ST.

SEVENTH ST.

EIGHTH ST.

NINTH ST.

OLYMPIC BLVD.

ELEVENTH ST.

TWELTH ST.

PICO BL.

BOND ST. 179  
WRIGHT ST. 427  
DELONG ST. 278  
GEORGIA ST. 1399  
2002

FIGUEROA ST. 6837  
6803

FLOWER ST. 4122  
4734

HOPE ST. 3196  
3765

GRAND AVE. 3375  
3647

MARGO ST. 193  
249

OLIVE ST. 2737  
2517

HILL ST. 3783  
4029

BROADWAY 3979  
4704

MAIN ST. 5563  
5535

LOS ANGELES ST. 4136  
3556



VEHICLE VOLUME SCALE





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## INTRODUCTION

This report is a tabulation and an analysis of traffic entering and leaving the Los Angeles Central Traffic District on May 15, 1957. These basic traffic data are valuable for planning those activities involving the traffic stream within the Central District.

The Central Traffic District, nominally the same as the Central Business District, represents the most concentrated land usage within the City of Los Angeles. Here a nighttime population of approximately 26,000 persons is expanded by the addition of over 140,000 people to a daytime population of almost 170,000 persons. The geographical limits of the Central Traffic District have remained fairly constant over the years.

This report continues the statistical studies of traffic in the Central District which date back to 1923. The earliest counts were made within the limits of Sunset Boulevard, Figueroa Street, Washington Boulevard, San Pedro Street, Los Angeles Street, and Main Street. In the late 1930's, the boundaries of Sunset Boulevard, Figueroa Street, Pico Boulevard, and Los Angeles Street were established.

Since the opening of the Harbor Freeway immediately west of Figueroa Street, and of the Santa Ana Freeway immediately south of Sunset Boulevard, the present boundaries have been moved to the freeways. The effect of this move is negligible, as the land usage between these freeways and the original boundaries is insufficient to affect the overall Cordon Count.

The current Cordon Count was made Wednesday, May 15, 1957, between 6:00 a.m. and 10:00 p.m., on the same Cordon boundaries used in 1955: the Santa Ana Freeway on the north, the Harbor Freeway on the west, Pico Boulevard on the south, and Los Angeles Street on the east.

One hundred and thirty-seven stations were occupied during the count. In addition to this, data were collected at several selected stations prior to and subsequent to the count, in order to establish vehicle occupancy ratios. Load checks were made by the several transit operators prior to the Cordon Count.

As in previous Cordon Counts, the purpose of this count is to establish the number of vehicles and persons entering and leaving the Central Traffic District as a measure of activity within the District.

In this report the graphs and tables have been prepared entirely from data collected from the Cordon Count with the exception of the Trend Chart and the comparisons made to prior Cordons which necessarily included information from other sources.

Only the summary tables have been included in the published report. If more detail is required, it may be obtained from the Traffic Department of the City of Los Angeles, Room 1000, City Hall.



## DESCRIPTION OF THE CORDON COUNT

A day in May is selected which will have the least influence from unusual events such as sales promotions, athletic events or other attractions of a magnitude sufficient to upset the normal trend of affairs. The perimeter of the count follows the traditional pattern established before World War II. Small adjustments have been made in recognition of the freeway construction program, but the area of the 1957 Cordon is comparable to that of the prewar Cordons.

Count stations are established on every street of traffic importance and are manned from 6:00 a.m. through 10:00 p.m. All vehicles and persons passing the stations are recorded by half-hour periods.

A sample field sheet is shown in Exhibit 18.

### Method

On each street at the Cordon line, a count was made of:

Vehicles entering

Vehicles leaving

Pedestrians entering

Pedestrians leaving

Transit passengers entering

Transit passengers leaving

Persons in passenger vehicles entering (vehicle occupancy)

Persons in passenger vehicles leaving (vehicle occupancy)

Passenger vehicle occupancy checks were made at 36 of the 137 Cordon line stations on a sample basis. One man checked both entering and leaving occupancy, alternating the direction of count for each fifteen minute period. The average occupancy for each period by direction was derived from this sample. The occupancy of trucks and "Other Vehicles" was assumed to be one point zero (1.0).

The Department of Public Utilities and Transportation served as the coordinator for obtaining all counts of transit vehicles and passengers from transit companies. The two major transit companies, Los Angeles Transit Lines and Metropolitan Coach Lines, made sixteen-hour field checks at Cordon Stations; other metropolitan area and out-of-town bus companies furnished data which they obtained at their downtown terminals.

Vehicles in Cordon tabulations are classified as follows:

**PRIVATE PASSENGER VEHICLES**—all passenger vehicles except taxis and commercial vehicles.

**TAXIS**, with or without fares.

PASSENGER VEHICLES—the total of private passenger vehicles and taxis.

SMALL TRUCKS—commercial, station and panel delivery wagons, and single body trucks.

LARGE TRUCKS—those which have a semi or full trailer.

STREET CARS—rail operated transit cars.

BUSES—non-rail metropolitan area transit vehicles in service (both trolley buses and gas or diesel buses).

TOTAL TRANSIT—the total of all street cars, buses, and out-of-town buses.

OTHER VEHICLES—passenger cars with house trailers, non-scheduled sight seeing buses, truck tractors without trailers, emergency vehicles, or other non-classified vehicles.

The tabulations and summaries of data were made by the Department of Traffic.

Some values have been plotted on semi-logarithmic scale so that the actual values of the curves may be shown while permitting a direct comparison between curves. The peculiar merit of the semi-log is that curves that are parallel are proportional.



## ACKNOWLEDGEMENTS

Grateful acknowledgement is due to many persons and organizations for their help in the conduct of this survey. The following departments and organizations furnished valuable assistance:

Department of Public Utilities and Transportation

Police Department

City Controller

Los Angeles Transit Lines

Metropolitan Coach Lines

Other Bus Companies

Yellow Cab Company

State Division of Highways

# **1957-1955 CORDON PERCENTAGE COMPARISON AND SUMMARY OF VEHICLES ENTERING AND LEAVING DOWNTOWN LOS ANGELES, MAY 15, 1957**

These tables indicate a significant increase of vehicles entering Downtown Los Angeles crossing the west Cordon and a concurrent decrease of vehicles entering over the south Cordon. Analysis shows that of a total increase of 21,975 vehicles, 18,000 entered from the northbound Harbor Freeway off-ramps, accounting for 5.5% of the 6.7% increase crossing the west Cordon.

It should be noted that the northbound Harbor Freeway off-ramps, although included in the west Cordon, serve traffic that probably originates south of Pico Boulevard. Although the portion of the Harbor Freeway on the west Cordon remained unchanged between the two Cordon Counts, there was a 7.3 mile southerly extension, from 42nd Street to Manchester Avenue, added between the 1955 and the 1957 Cordon Counts.

The 1.2% change in traffic attributable to surface streets on the west Cordon is not considered significant

## **1957-1955 Inbound Comparison of West Cordon Increase**

YEAR	TOTAL ENTERING WEST CORDON	ENTERING FROM N/B ON FREEWAY	% N/B FREEWAY VOLUME OF TOTAL	ENTERING FROM S/B ON FREEWAY AND SURFACE STREETS
1957	139,263	28,000	20.1	79.9
1955	117,239	10,000	8.5	91.5
Diff.	21,975	18,000	81.8	18.2
Total % Increase	6.7	5.5		1.2

A similar situation existed in the west Cordon Outbound traffic.



# V E H I C L E S

## 1957-1955 CORDON PERCENTAGE COMPARISON AND SUMMARY OF VEHICLES ENTERING AND LEAVING DOWNTOWN LOS ANGELES, May 15, 1957

<u>Inbound Cordon</u>	<u>Passenger Vehicles</u>	<u>Trucks</u>	<u>Street Cars</u>	<u>Busses</u>	<u>Total Transit</u>	<u>Others</u>	<u>Grand Total</u>	<u>1957 % of Total</u>	<u>1955 % of Total</u>	<u>Diff.</u>
East	71357	12799	703	1733	2436	888	87480	26.7	26.0	0.7
South	37043	4920	123	1124	1247	319	43529	13.3	16.0	-2.7
West	125285	10960	413	1764	2177	841	139263	42.6	37.0	6.7
North	49412	5193		1944	1944	228	56777	17.4	21.0	-3.6
Total	283097	33872	1239	6565	7804	2273	327046	100.0	100.0	
% of Grand Total	86.5	10.0	0.4	2.0	2.4	0.5	100.00			
 <u>Outbound Cordon</u>										
East	66196	12234	746	1552	2138	865	81433	25.2	26.6	-1.4
South	32321	5109	125	1356	1481	294	39205	12.2	15.5	-3.3
West	126261	11534	421	1520	1941	843	140579	43.2	38.9	4.3
North	53606	6174		2244	2244	383	62407	19.3	19.0	0.3
Total	278384	35051	1132	6672	7804	2385	323624	100.0	100.0	
% of Grand Total	86.1	10.8	0.4	2.0	2.4	0.7	100.0			

# P E R S O N S

## 1957-1955 CORDON PERCENTAGE COMPARISON AND SUMMARY OF PERSONS ENTERING AND LEAVING DOWNTOWN LOS ANGELES, May 15, 1957

<u>Inbound Cordon</u>	<u>Passenger Vehicles</u>	<u>Trucks &amp; Other</u>	<u>Street Cars</u>	<u>Busses</u>	<u>Total Transit</u>	<u>Pedestrians</u>	<u>Total</u>	<u>1957 % of Total</u>	<u>1955 % of Total</u>	<u>Diff.</u>
East	100457	13735	27876	26439	54315	23355	191862	27.9	28.1	-0.2
South	53819	5242	4711	35457	40168	6133	105362	15.3	16.3	-1.0
West	171314	11751	19340	41095	60435	9030	252530	36.7	35.1	1.6
North	77425	5417		51037	51037	4273	138152	20.1	21.8	-1.8
Total	403015	36145	51927	154028	205955	42791	687906	100.0	100.0	
% of Grand Total	58.6	5.3	7.5	22.4	29.9	6.2	100.0			
<u>Outbound Cordon</u>										
East	93081	10937	30019	26841	56860	20395	181273	26.2	29.4	-3.2
South	47615	5887	4763	39804	44567	5598	103667	14.9	16.1	-1.2
West	179903	13673	19053	42340	61393	8250	263219	38.0	35.1	2.9
North	81730	6939		50667	50667	3930	143266	20.7	19.4	1.3
Total	402329	37436	53835	159652	206973	38173	691425	100.0	100.0	
% of Grand Total	58.2	5.4	7.8	23.1	29.9	5.5	100.0			

Total Transit 30 %  
Vehicles 64 %  
Peds 6

VEHICLES

SUMMARY OF  
VEHICLES ENTERING, LEAVING, AND ACCUMULATED  
BY HALF HOUR PERIODS  
DOWNTOWN LOS ANGELES

May 15, 1957

Time Period Ending	Private Passenger Vehicles			Taxis			Total Private Passenger Vehicles			Small Trucks			Large Trucks			Others			All Trucks and Others			Street Cars			Busses			All Transit			I
	In	Out	Accum	In	Out	Accum *	In	Out	Accum	In	Out	Accum **	In	Out	Accum	In	Out	Accum ***	In	Out	Accum	In	Out	Accum	In	Out	Accum	In	Out	Accum ****	
Initial			6550			150			6700			1240			52			134			1426			95			185			280	
6:30 A	3308	2621	7237	43	10	183	3351	2631	7420	540	473	1307	20	24	48	28	29	133	588	526	1488	25	35	85	131	121	195	156	156	280	4
7:00	7147	5130	9254	68	62	189	7215	5192	9443	699	668	1338	30	49	29	36	18	151	765	735	1518	37	38	84	198	149	244	235	187	328	8
7:30	13992	8751	14495	112	86	215	14104	8837	14710	954	926	1366	26	52	3	60	57	154	1040	1035	1523	67	53	98	343	269	318	410	322	416	15
8:00	20297	11104	23688	105	98	222	20402	11202	23910	1064	948	1482	53	44	12	75	60	169	1192	1052	1663	71	54	115	412	381	349	483	435	464	22
8:30	16645	9790	30543	130	137	215	16775	9927	30758	1219	1230	1471	52	60	4	107	70	206	1378	1360	1681	57	54	118	391	409	331	448	463	449	18
9:00	14176	7504	37215	190	166	239	14366	7670	37454	1500	1429	1542	83	56	31	74	54	226	1657	1539	1799	45	49	114	266	320	277	311	369	391	16
9:30	10723	6662	41276	206	190	255	10929	6852	41531	1552	1405	1689	77	67	41	86	80	232	1715	1552	1962	40	42	112	193	224	246	233	266	358	12
10:00	8913	6391	43798	152	137	270	9065	6528	44068	1648	1554	1783	65	57	49	86	108	210	1799	1719	2042	36	37	111	164	163	247	200	200	358	11
10:30	8013	7398	44413	123	144	249	8136	7542	44662	1546	1520	1809	72	57	64	128	82	256	1746	1659	2129	34	34	111	163	165	245	197	199	356	10
11:00	8401	7361	45453	122	130	241	8523	7491	45694	1683	1659	1833	97	59	102	112	96	272	1892	1814	2207	34	33	112	181	161	265	215	194	377	10
11:30	8031	8050	45434	127	155	213	8158	8205	45647	1498	1599	1732	57	53	106	77	104	245	1632	1756	2083	37	36	113	155	166	254	192	202	367	9
12:00 N	8603	8251	45786	160	152	221	8763	8403	46007	1372	1546	1558	50	49	107	96	76	265	1518	1671	1930	34	33	114	174	173	255	192	206	369	10
12:30 P	7880	8156	45510	145	147	219	8025	8303	45729	1134	1190	1502	60	49	118	95	78	282	1289	1317	1902	33	33	114	162	162	255	195	195	369	9
1:00	7385	7498	45397	153	151	221	7538	7649	45618	1269	1259	1512	48	68	98	89	70	301	1406	1397	3491	35	36	113	155	182	228	190	218	341	9
1:30	7909	7650	45656	157	162	216	8066	7812	45872	1385	1392	1505	57	62	93	86	85	302	1528	1539	1900	35	35	113	151	164	215	186	199	328	9
2:00	8179	8106	45729	159	166	209	8338	8272	45938	1402	1417	1490	63	51	105	72	95	279	1537	1563	1874	35	35	113	151	149	217	186	184	330	10
2:30	8563	8976	45316	159	177	191	8722	9153	45507	1537	1607	1420	66	65	106	115	109	285	1718	1781	1811	34	38	109	165	180	202	199	218	311	10
3:00	8468	9340	44444	169	150	210	8637	9490	44654	1643	1769	1294	70	66	110	89	114	260	1802	1949	1664	38	40	107	204	180	226	242	220	333	10
3:30	8418	9640	43222	156	182	184	8574	9822	43406	1640	1729	1205	48	60	98	120	165	215	1808	1854	1518	42	43	106	208	189	245	250	232	351	10
4:00	9507	11034	41695	151	179	156	9658	11213	41851	1485	1718	972	22	27	93	94	120	189	1601	1865	1254	44	58	92	262	218	289	306	276	381	11
4:30	11662	14550	38807	178	182	152	11840	14732	38989	1360	1646	686	24	37	80	96	123	162	1480	1806	928	55	65	82	385	313	361	440	378	443	13
5:00	13728	20732	31803	148	152	148	13876	20884	31051	1107	1235	558	32	24	88	100	108	154	1239	1367	800	65	73	74	422	436	347	487	509	421	15
5:30	12632	20633	23802	148	146	150	12780	20779	23952	794	937	415	34	41	81	62	84	132	890	1062	628	60	78	56	346	438	255	406	516	311	14
6:00	8887	14588	18101	135	146	139	9022	14734	18240	538	656	297	15	36	60	61	97	96	614	789	453	51	54	53	263	346	172	314	400	225	9
6:30	7075	10003	15173	148	159	128	7223	10162	15301	480	572	205	9	16	53	36	60	72	525	648	330	38	45	46	202	270	104	240	315	150	7
7:00	5815	6430	14558	131	143	116	5946	6573	14674	322	346	181	15	16	52	43	58	57	380	420	290	29	31	44	185	193	96	214	224	140	6
13 Hour Total	254357	246349		3675	3709		258032	250058		31371	32430		1245	1245		2123	2214		34739	35889		1111	1163		6032	6121		7143	7284		299
7:30	4886	4830	14614	122	130	108	5008	4960	14722	244	280	145	29	34	47	29	27	59	302	341	251	28	25	47	113	127	82	141	152	129	5
8:00	4586	4278	14922	126	138	96	4712	4416	15018	225	216	154	31	25	53	32	30	61	288	271	268	21	24	44	97	98	81	118	122	125	5
8:30	4314	4546	14690	114	129	81	4428	4675	14771	155	176	133	27	29	51	22	31	52	204	236	236	20	21	43	90	92	79	110	113	122	4
9:00	3775	4334	14131	97	94	84	3872	4428	14215	188	205	116	38	29	60	13	23	42	239	254	218	20	19	44	82	87	74	102	106	118	4
9:30	3639	4748	13022	99	103	81	3738	4851	13093	142	152	106	25	37	48	33	21	54	200	210	208	21	21	44	81	69	86	102	90	130	4
10:00	3193	4735	11480	114	101	94	3307	4836	11574	121	146	81	31	46	33	21	39	36	173	213	150	18	20	42	70	80	76	88	100	118	3
16 Hour Total	278750	273820		4347	4404		283097	278224		32446	33606		1426	1445		2273	2385		36145	37436		1239	1293		6565	6672		7804	7964		372

\* Initial accumulation t  
on figures received fr  
Yellow Cab Company.

\*\* Initial accumulation f  
trucks based on articl  
Los Angeles Times, Jul

Initial accumulation f  
Passenger vehicles and  
based on 1955 cordon c  
mulation figures.





**SUMMARY OF PERSONS ENTERING - LEAVING —  
ACCUMULATED BY HALF - HOUR PERIODS —  
DOWNTOWN LOS ANGELES**

This table shows the number of persons entering-leaving, and accumulated, by half-hour periods between 6:00 a.m. and 10:00 p.m. An initial accumulation is shown in each category which is developed from the best available initial information.

The accumulated totals for buses and all transit show negative quantities for the periods 9:00 p.m., 9:30 p.m., and 10:00 p.m. This negative quantity shows the number of people who left the district during the Cordon count but who entered prior to the beginning of the count. As the total number of persons entering and leaving exceeds 200,000, any error in estimating initial accumulation is not considered significant.



PERSONS  
SUMMARY OF  
PERSONS ENTERING, LEAVING, AND ACCUMULATED  
BY HALF-HOUR PERIODS  
DOWNTOWN LOS ANGELES

May 15, 1957

TIME PERIOD ENDING	Passenger Vehicles			Trucks and Other Vehicles			Street Cars			Busses			All Transit			TOTAL PASSENGERS			PEDESTRIANS			GRAND TOTAL		
	In	Out	Accum	In	Out	Accum	In	Out	Accum	In	Out	Accum	In	Out	Accum	In	Out	Accum	In	Out	Accum	In	Out	Accum
Initial			1300			1426			2500			2800			5300			8026			300			8326
6:30A	4532	3591	2241	588	526	1488	1388	1035	2853	3340	2064	4076	4728	3099	6929	9848	7216	10658	621	267	654	10469	7483	11312
7:00	9791	7028	5004	765	735	1518	2191	1459	3585	6298	3139	7235	8489	4598	10820	19045	12361	17342	925	593	986	19970	12954	18328
7:30	21548	13477	13075	1040	1035	1523	4592	2197	5980	15988	5310	17913	20580	7507	23893	43168	22019	38491	1711	1212	1485	44879	23231	39976
8:00	31257	17100	27232	1192	1052	1663	5447	2142	9285	18479	6248	30144	23926	8390	39429	56375	26542	68324	3036	1468	3053	59411	28010	71377
8:30	22304	12119	37417	1378	1360	1681	3800	1295	11790	13441	4388	39197	17241	5683	50987	40923	19162	90085	2251	1159	4145	43174	20321	94230
9:00	18996	10055	46358	1657	1539	1799	2495	1156	13129	8760	3140	44817	11255	4296	57946	31908	15890	106103	1798	964	4979	33706	16854	111082
9:30	13833	8594	51597	1715	1552	1962	1743	757	14115	5304	1840	48281	7047	2597	62396	22595	12743	115955	1366	815	5530	23961	13558	121485
10:00	11498	8244	54851	1799	1719	2042	1656	762	15009	4264	2085	50460	5920	2847	65469	19217	12810	122362	1386	855	6061	20603	13665	128423
10:30	10737	9913	55675	1746	1659	2129	1426	843	15592	4119	2125	52454	5545	2968	68046	18028	14540	125850	1327	943	6445	19355	15483	132295
11:00	11257	9864	57068	1892	1814	2207	1576	758	16410	4005	2174	54285	5581	2932	70695	18730	14610	129970	1298	930	6813	20028	15540	136783
11:30	11002	11029	57041	1632	1756	2083	1539	979	16970	3764	2591	55458	5303	3570	72428	17937	16355	131552	1334	1075	7072	19271	17430	138624
12:00M	11786	11304	57523	1518	1671	1930	1364	1086	17248	3705	2923	56240	5069	4009	73408	18373	16984	132941	1752	1434	7390	20125	18418	140331
12:30P	11268	11663	57128	1289	1317	1902	1312	1140	17420	3552	2987	56805	4864	4127	74225	17421	17107	133255	2054	1755	7689	19475	18862	140944
1:00	10561	10722	56967	1406	1397	1911	1273	1401	17292	3166	3839	56132	4439	5240	73424	16406	17359	132302	1824	1635	7878	18230	18994	140180
1:30	10994	10634	57327	1528	1539	1900	1165	1179	17278	3098	3488	55742	4263	4667	73020	16785	16840	132247	1410	1279	8009	18195	18119	140256
2:00	11369	11267	57429	1537	1563	1874	1141	1333	17086	3214	4109	54847	4355	5442	71933	17261	18272	131236	1107	1223	7893	18368	19495	139129
2:30	11817	11149	58097	1718	1781	1811	1127	1365	16848	3199	4010	54036	4326	5375	70884	17861	18305	130792	1383	1331	7945	19244	19636	138737
3:00	11686	13890	55893	1802	1949	1664	1439	1623	16664	3074	4209	52901	4513	5832	69565	18001	21671	127122	1551	1389	8107	19552	23060	135229
3:30	11617	13333	54177	1808	1854	1618	1396	1767	16293	4241	5500	51642	5637	7267	67935	19062	22454	123730	1433	1290	8250	20495	23744	131980
4:00	13120	15227	52070	1601	1865	1354	1871	2496	15668	4774	6369	50047	6645	8865	65715	21366	25957	119139	1586	1494	8342	22952	27451	127481
4:30	17493	22825	46738	1480	1806	1028	2276	3362	14582	6152	10148	46051	8428	13510	60633	27401	38141	108399	2333	2032	8643	29734	40173	117042
5:00	20592	32098	35232	1239	1367	900	2528	5408	11702	6799	17517	35333	9327	22925	47035	31158	56390	83167	2192	3273	7562	33350	59663	90729
5:30	19201	31362	23071	890	1062	728	2028	5941	7789	6210	20404	21139	8238	26345	28928	28329	58769	52727	1559	2823	6298	29888	61592	59025
6:00	13508	22174	14405	614	789	553	1169	3760	5198	3529	13548	11120	4698	17308	16318	18820	40271	31276	869	1723	5444	19689	41994	36720
6:30	10825	15305	9925	525	648	430	901	2775	3324	2692	8846	4966	3593	11621	8290	14943	27574	18645	790	1115	5119	15733	28689	23764
7:00	8897	9838	8984	380	420	390	669	1572	2421	2812	4290	3488	3481	5862	5909	12758	16120	15283	759	825	5053	13517	16945	20336
13 Hour Total	361489	356102		34739	35911		49512	49591		147979	147291		197491	196680		593719	593893		39655	34902		633374	624565	
7:30	8306	8211	9079	302	341	351	590	1019	1992	1386	2662	2212	1976	3681	4204	10584	12233	13634	648	612	5089	11232	12845	18723
8:00	7796	7273	9602	288	271	368	492	691	1795	1152	2191	1173	1644	2882	2966	9728	10426	12936	581	616	5054	10309	11042	17990
8:30	7734	7728	9608	204	236	336	371	692	1472	864	1993	44	1235	2685	1516	9173	10649	11460	609	574	5089	9782	11223	16549
9:00	6418	7368	8658	239	254	321	322	611	1183	964	1986	-978	1286	2597	205	7943	10219	9184	509	530	5068	8452	10749	14252
9:30	6004	7834	6828	200	210	308	352	668	867	876	1676	-1778	1228	2344	-911	7429	10388	6225	447	518	4997	7876	10906	11222
10:00	5268	7813	4303	173	213	250	288	563	592	807	1855	-2826	1095	2418	-2234	6536	10444	2317	343	421	4919	6879	10865	7236
16 Hour Total	403015	402399		36145	37436		51927	53835		154628	159652		205955	213487		645115	656252		42791	38173		687906	692195	

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## COMPARISON OF 1957-1955 CORDON COUNTS OF VEHICLES AND PEOPLE

As can be seen from the table, 1957 showed a small increase in the number of both inbound and outbound vehicles over 1955, an average of 3.8%. However, since this falls within the expected day to day volume variations, it does not necessarily constitute a significant difference in volume.

During the period between 1955 and 1957 street car service was abandoned on ten lines and replaced by bus service. Attention is invited to the net increase in total transit passengers, which reflects a reversal of past trends.

COMPARISON OF 1957-1955 CORDON COUNTS  
OF VEHICLES AND PEOPLE

<u>Vehicles Inbound</u>	<u>Passenger</u>	<u>Trucks &amp; Other</u>	<u>Street Cars</u>	<u>Busses</u>	<u>All Transit</u>	<u>Pedestrians</u>	<u>Grand Total</u>
1957	283097	36145	1239	6565	7804		327046
1955	272236	37519	2657	4235	7106		316861
Diff.	10861	-1374	-1418	2330	698		10185
% Diff.	4.0%	- 3.7%	- 53.4%	55%	9.8%		3.2%

Outbound

1957	278224	37436	1293	6672	7965		323625
1955	264887	37252	2645	4293	7162		309291
Diff.	13337	184	-1352	2379	803		14334
% Diff.	5.0%	0.5%	- 51.1%	55.4%	11.2%		4.6%

Persons  
Inbound

1957	403015	36145	51927	154028	205955	42791	687906
1955	396750	37519	88326	111597	203693	55287	693249
Diff.	6265	-1374	-36399	42431	2262	-12496	-5343
% Diff.	1.6%	-3.7%	-41.2%	38%	1.1%	-22.6%	-0.1%

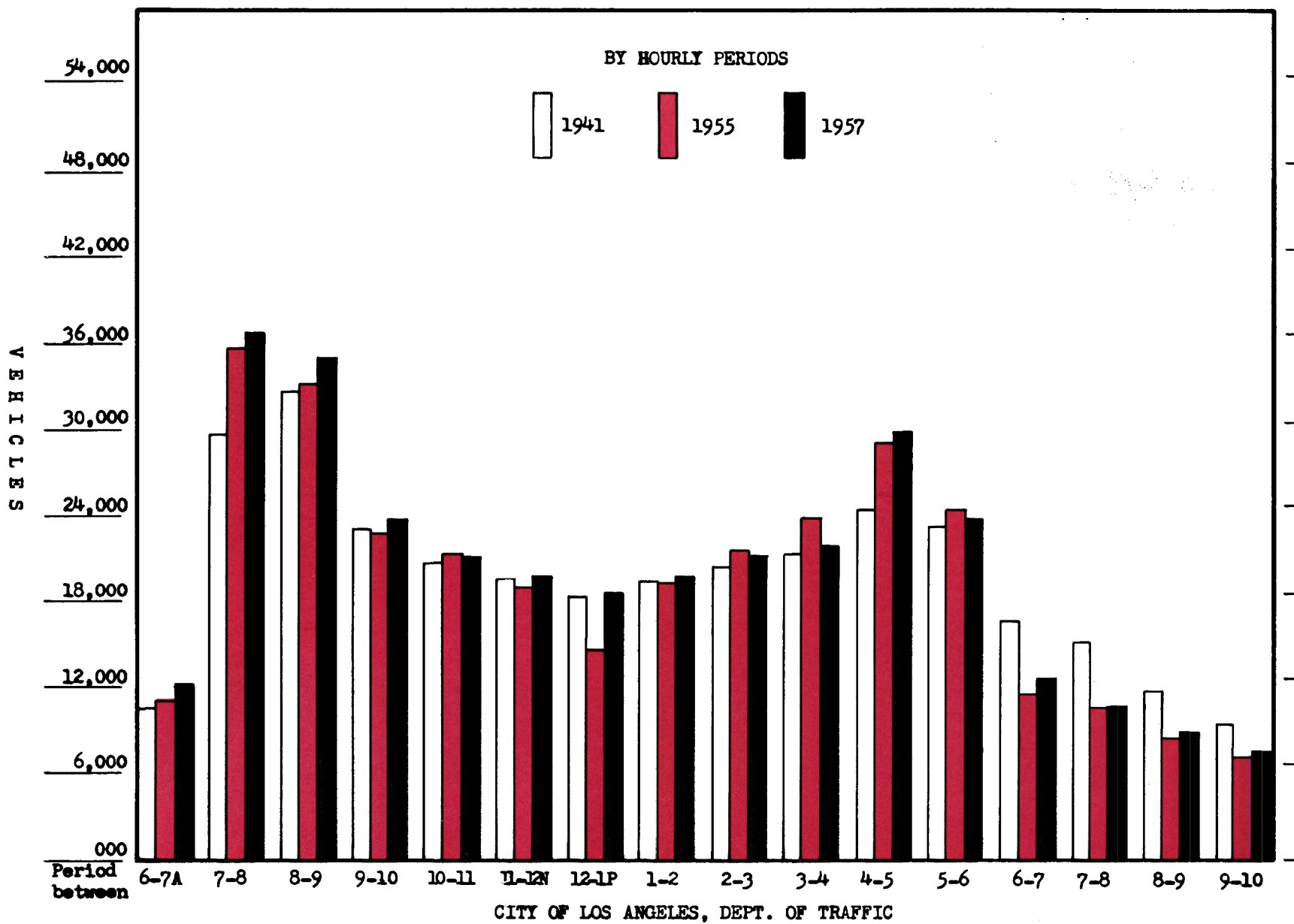
Outbound

1957	402329	37436	53835	159652	213487	38173	691425
1955	382577	37252	92754	115316	211921	53269	685019
Diff.	15425	184	-38919	44336	1566	-15096	6406
% Diff.	4.0%	0.5%	-42%	38.4%	0.1%	-28.3%	0.1%

FREEWAY TRAFFIC  
ENTERING AND LEAVING DOWNTOWN LOS ANGELES  
COMPARED TO SURFACE STREETS  
May 15, 1957

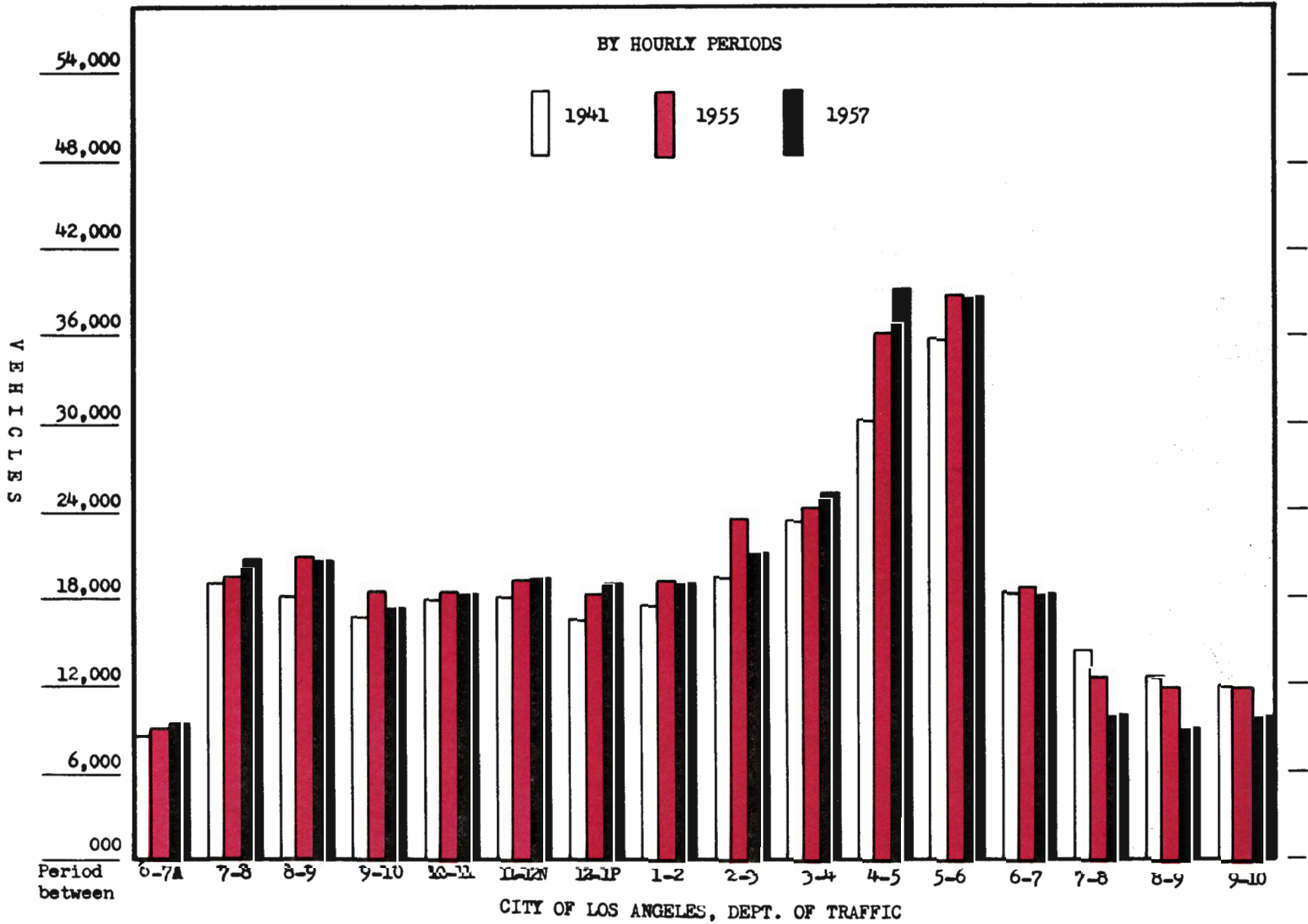
Period Ending	<u>Entering</u>			% Freeways of Total	<u>Leaving</u>			% Freeways of Total
	<u>Freeways</u>	<u>Surface St.</u>	<u>Total</u>		<u>Freeways</u>	<u>Surface St.</u>	<u>Total</u>	
6:30 A	1238	2857	4095	30.2	677	2636	3313	20.4
7:00	2692	5523	8215	32.7	1232	4982	6214	19.8
7:30	3867	11687	15554	25.9	1917	8278	10195	18.8
8:00	5006	17071	22077	22.7	2326	10363	12689	18.3
8:30	5043	13558	18601	27.1	2348	9391	11739	20.0
9:00	4640	11694	16334	28.4	1871	7707	9578	19.5
9:30	3748	9129	12877	29.1	1734	6936	8670	20.0
10:00	3259	7804	11063	24.4	1860	6587	8447	22.0
10:30	2782	2797	10079	27.6	2117	7283	9400	22.5
11:00	2750	7880	10630	25.9	2355	7144	9499	24.8
11:30	2478	7504	9982	24.8	2386	7777	10163	23.5
12:00 N	2701	7797	10489	25.8	2463	7817	10280	23.9
12:30 P	2406	7103	9509	25.3	2293	7704	9997	22.9
1:00	2177	6954	9131	23.8	2253	7011	9264	24.3
1:30	2445	7335	9780	25.0	2410	7140	9550	25.2
2:00	2526	7535	10061	25.1	2288	7701	9989	22.9
2:30	2595	8014	10609	24.4	2724	8428	11152	24.4
3:00	2607	8074	10681	24.4	2788	8871	11659	23.9
3:30	2505	8127	10632	23.6	2935	8973	11908	26.4
4:00	2581	8051	11565	22.3	3275	10079	13354	24.5
4:30	2620	11140	13760	19.0	3915	13001	16916	23.1
5:00	2543	12809	15352	16.6	5177	17583	22760	22.7
5:30	2627	11449	14076	18.7	4500	17857	22357	20.1
6:00	2218	7732	9950	22.3	3588	12335	15923	22.5
6:30	2045	5943	7988	25.6	2952	8173	11125	26.5
7:00	1883	4657	6540	28.8	2054	5163	7217	28.5
7:30	1454	3997	5451	26.6	1625	3828	5453	29.8
8:00	1465	3653	5118	28.6	1365	3443	4808	28.4
8:30	1309	3435	4744	27.6	1394	3630	5024	27.7
9:00	929	3289	4218	22.0	1384	3404	4788	28.9
9:30	774	3266	4040	19.1	1724	3427	5151	33.5
10:00	798	2770	3568	27.4	1778	3371	5149	34.5
Total								
Vehicles	80717	246329	327046	24.7	75718	247906	323624	23.4
Total								
Persons	116350	571556	687906	16.9	114739	576686	691425	16.6

VEHICLES ENTERING DOWNTOWN LOS ANGELES  
AS SHOWN BY 1941-1955-1957 GORDON COUNTS





VEHICLES LEAVING DOWNTOWN LOS ANGELES  
AS SHOWN BY 1941-1955-1957 CORDON COUNTS.

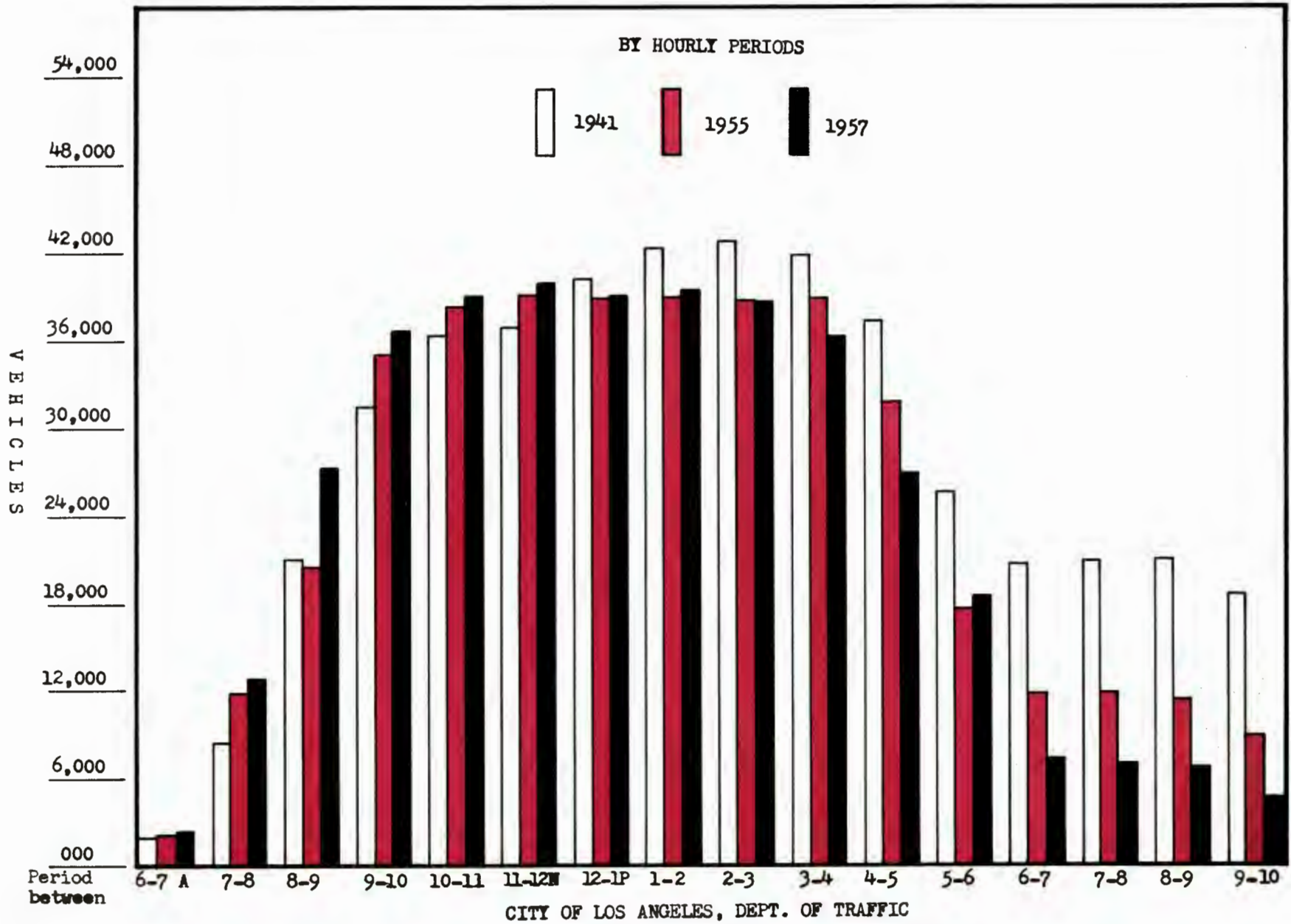


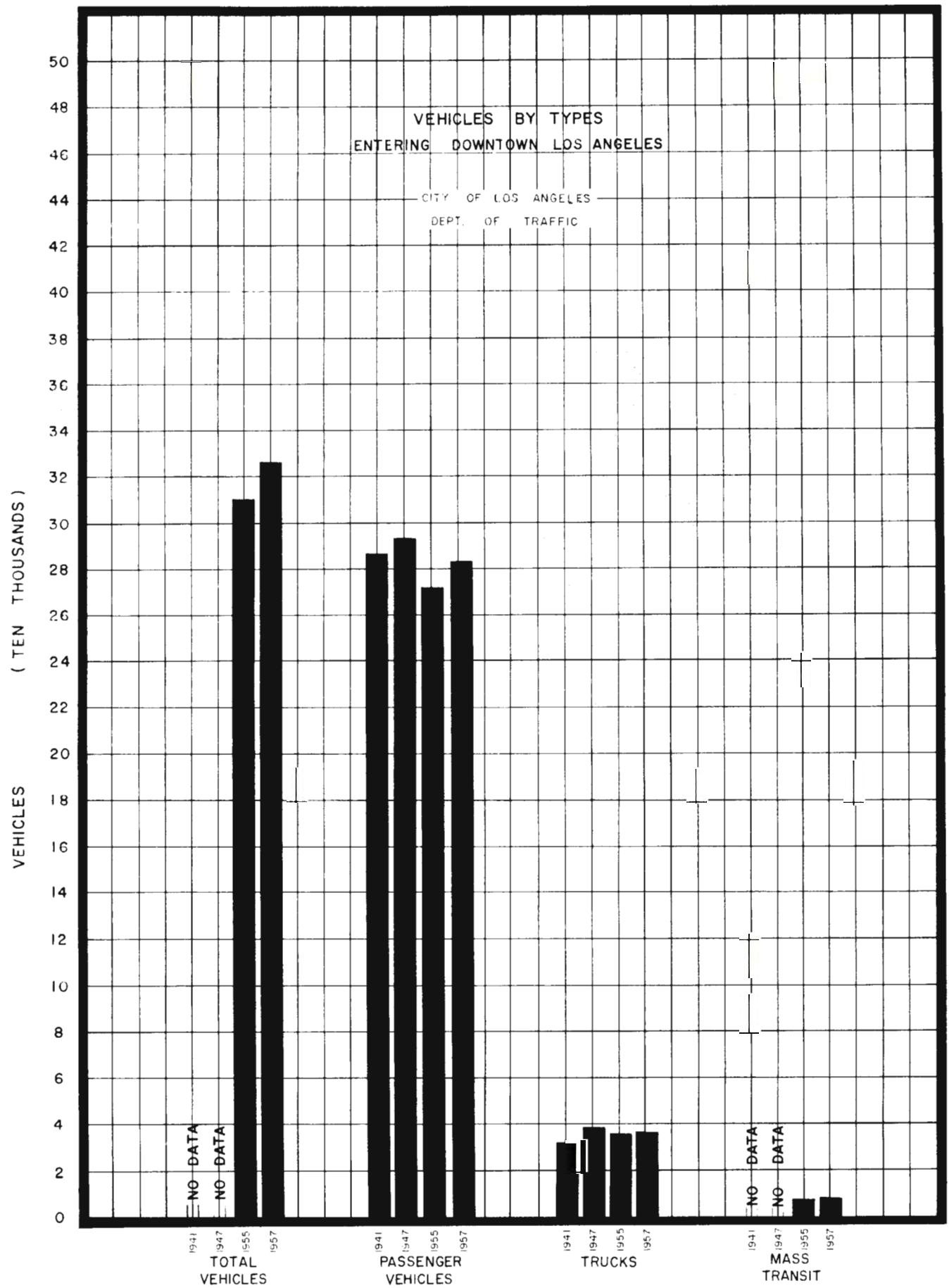
## VEHICLES ACCUMULATED DOWNTOWN LOS ANGELES 1957-1955-1941 Comparison

In keeping with the practice of prior Cordon Counts, the bars shown here reflect the accumulation of vehicles and persons entering and leaving the Cordon area between 6:00 a.m. and 10:00 p.m. These figures do not show the total numbers actually within the Cordon. Actual totals would be the numbers shown plus the numbers within the Cordon prior to 6:00 a.m.

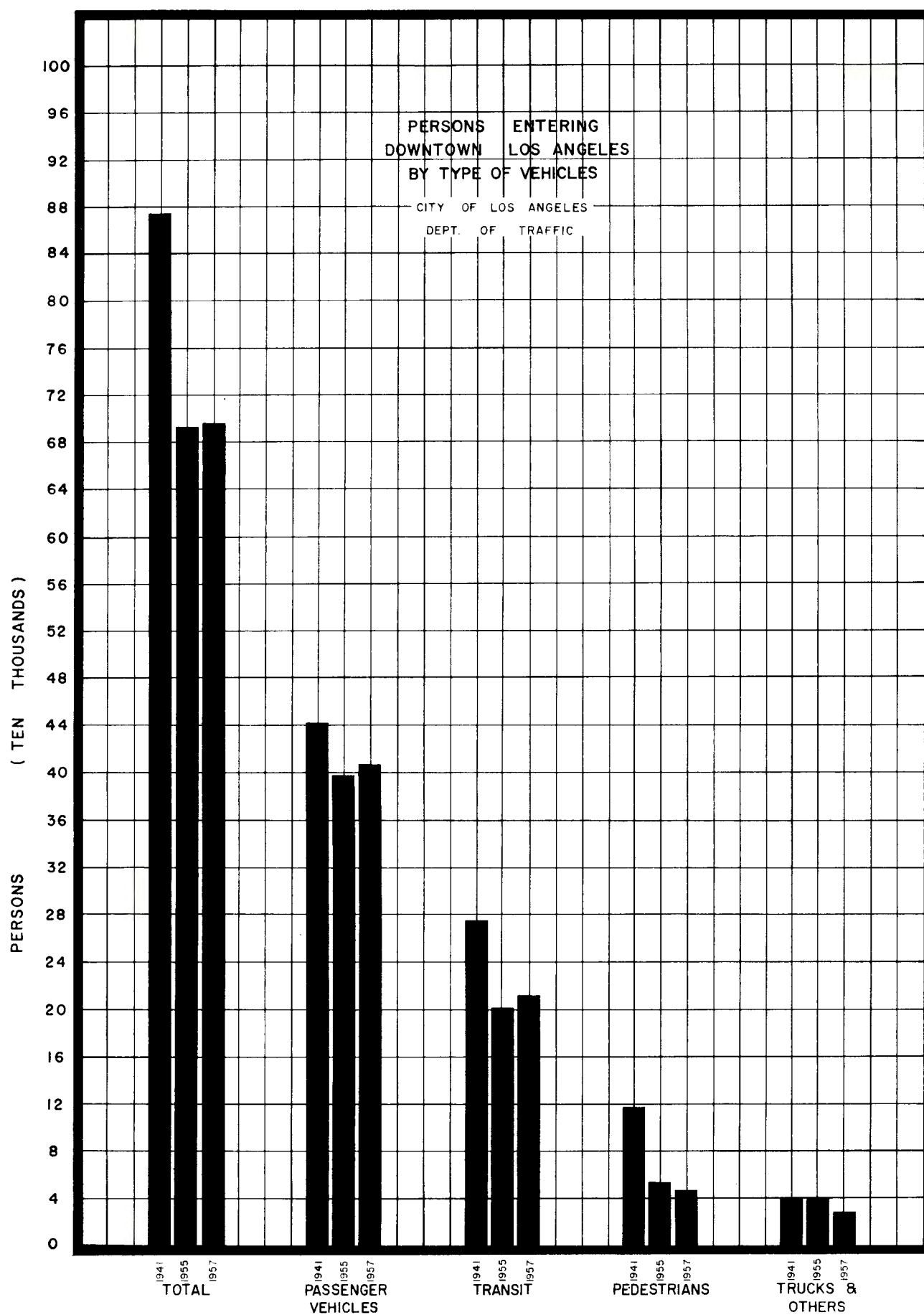
The magnitude of the accumulation prior to 6:00 a.m. does not affect the comparison of the accumulations shown.

VEHICLE ACCUMULATION IN DOWNTOWN LOS ANGELES  
AS SHOWN BY 1941-1955-1957 CORDON COUNTS

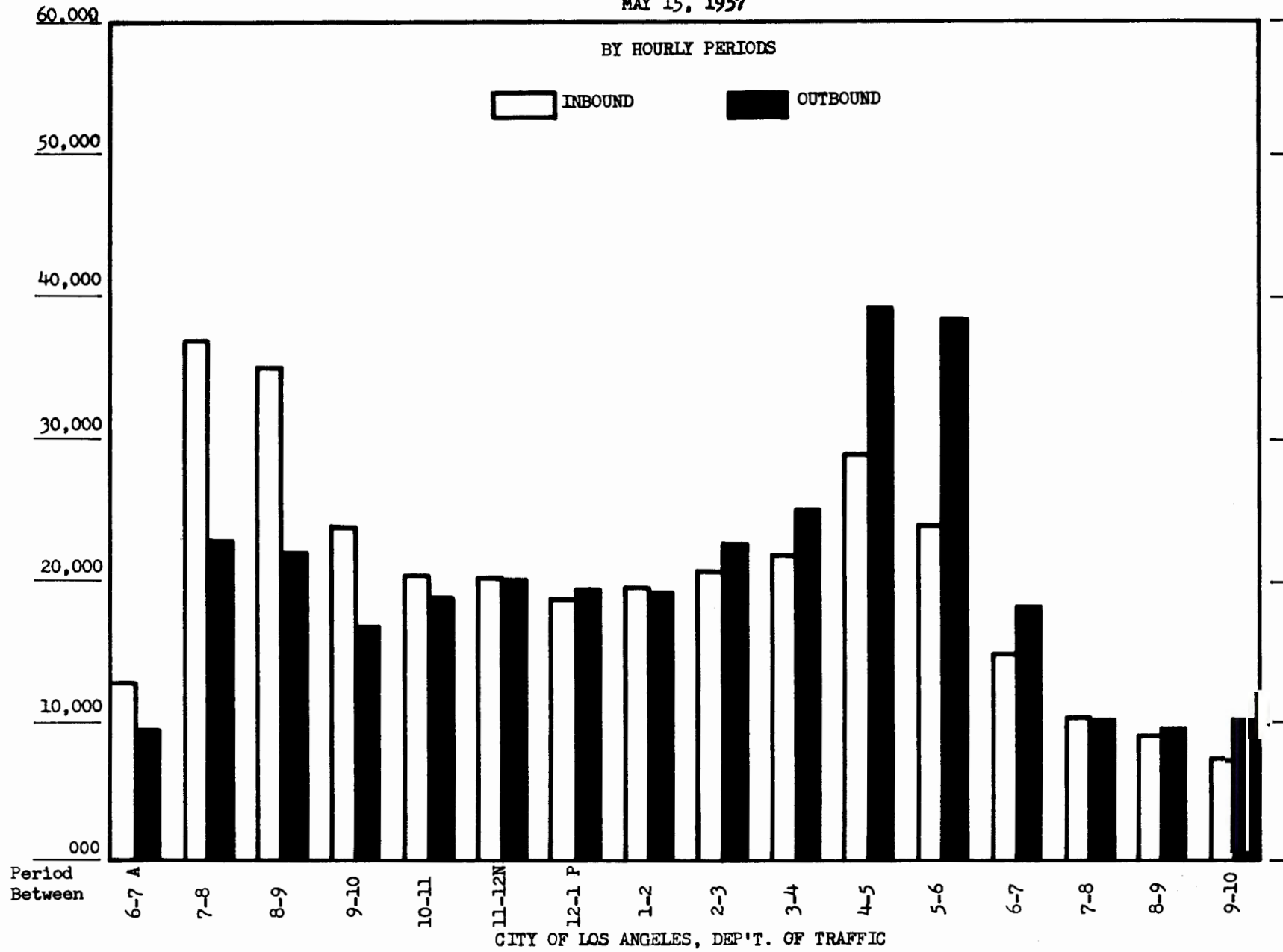




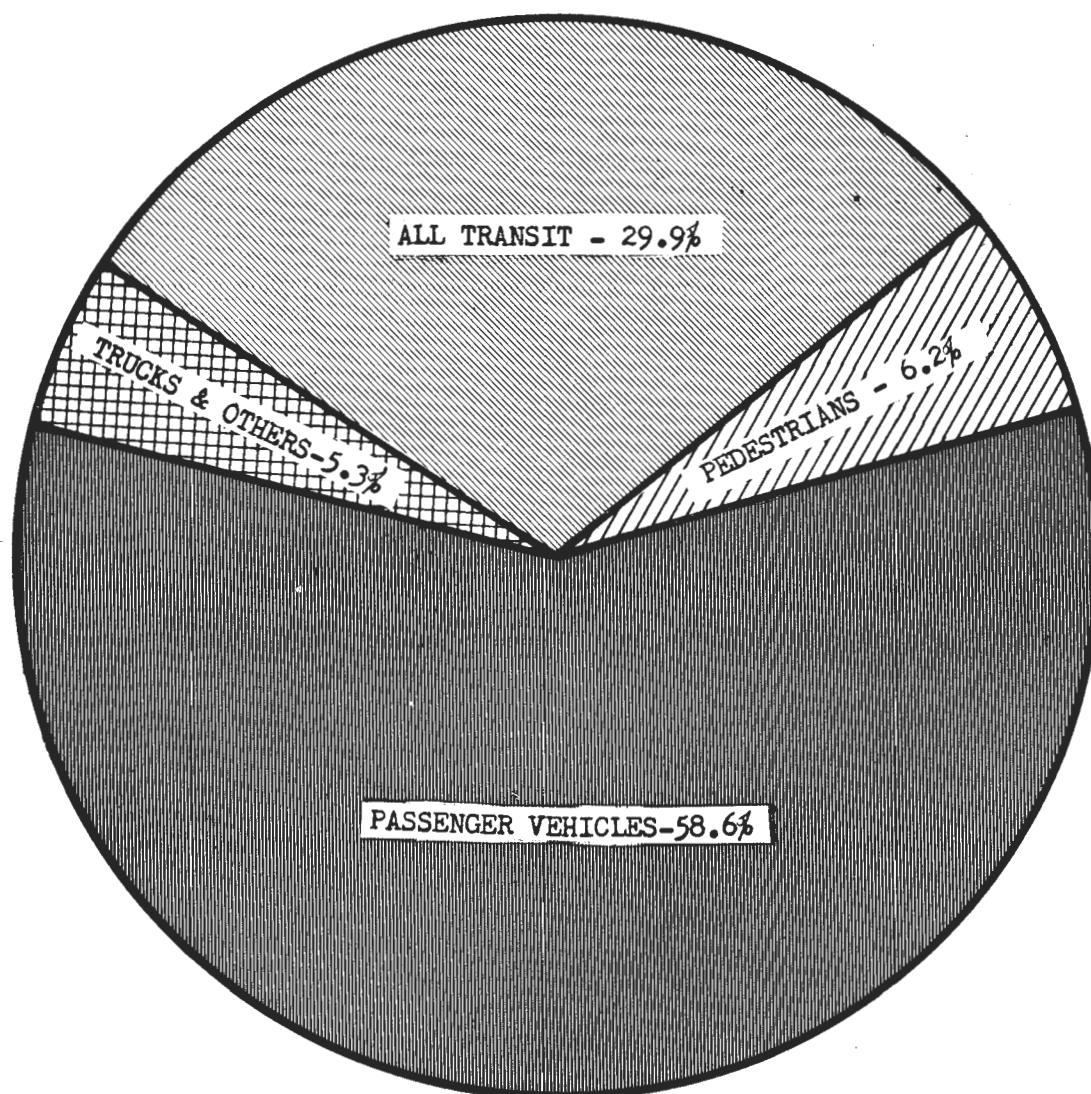




VEHICLES ENTERING AND LEAVING DOWNTOWN LOS ANGELES  
MAY 15, 1957

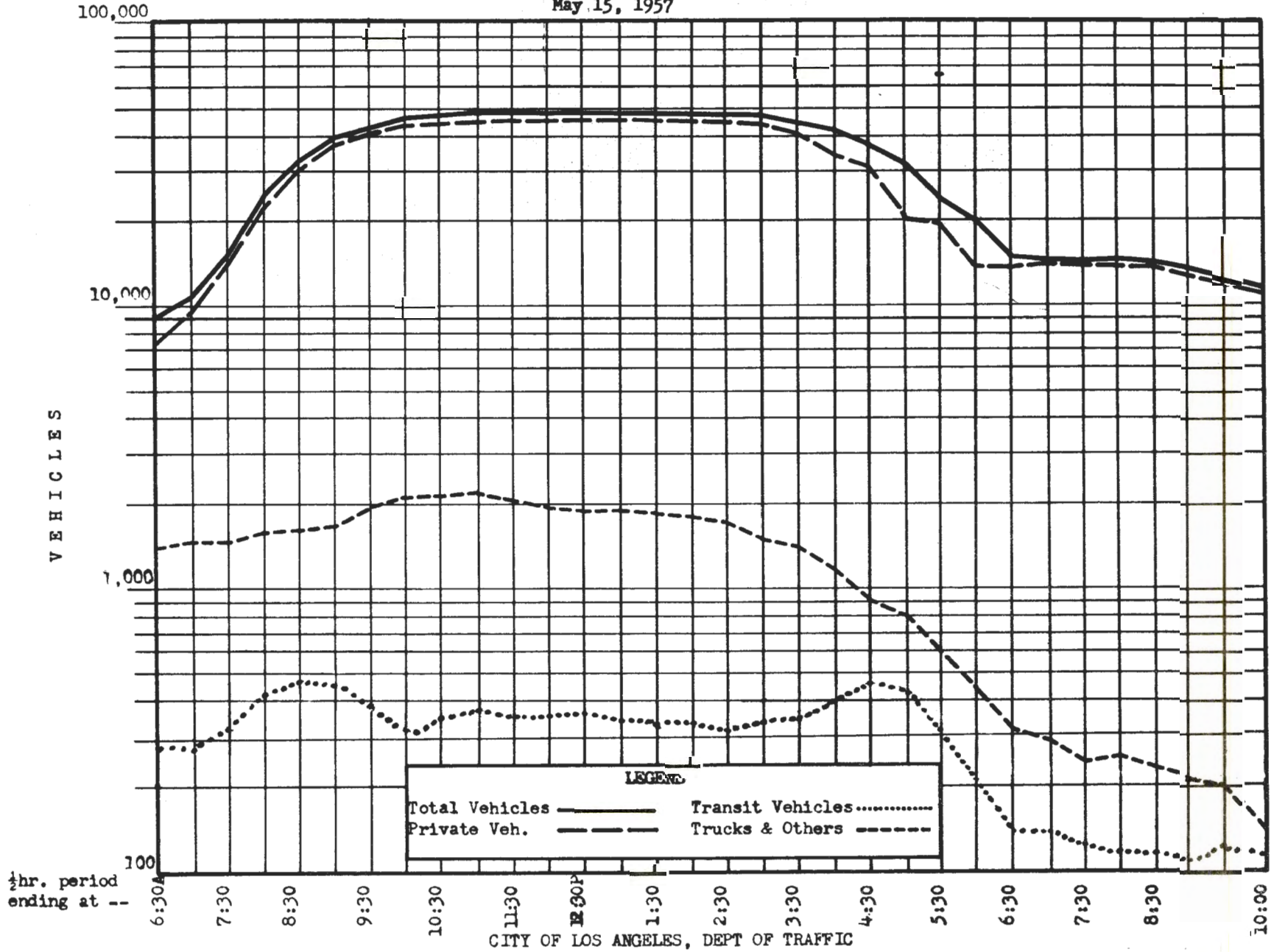


MODE OF TRANSPORTATION USED  
BY PERSONS ENTERING DOWNTOWN  
LOS ANGELES MAY 15, 1957

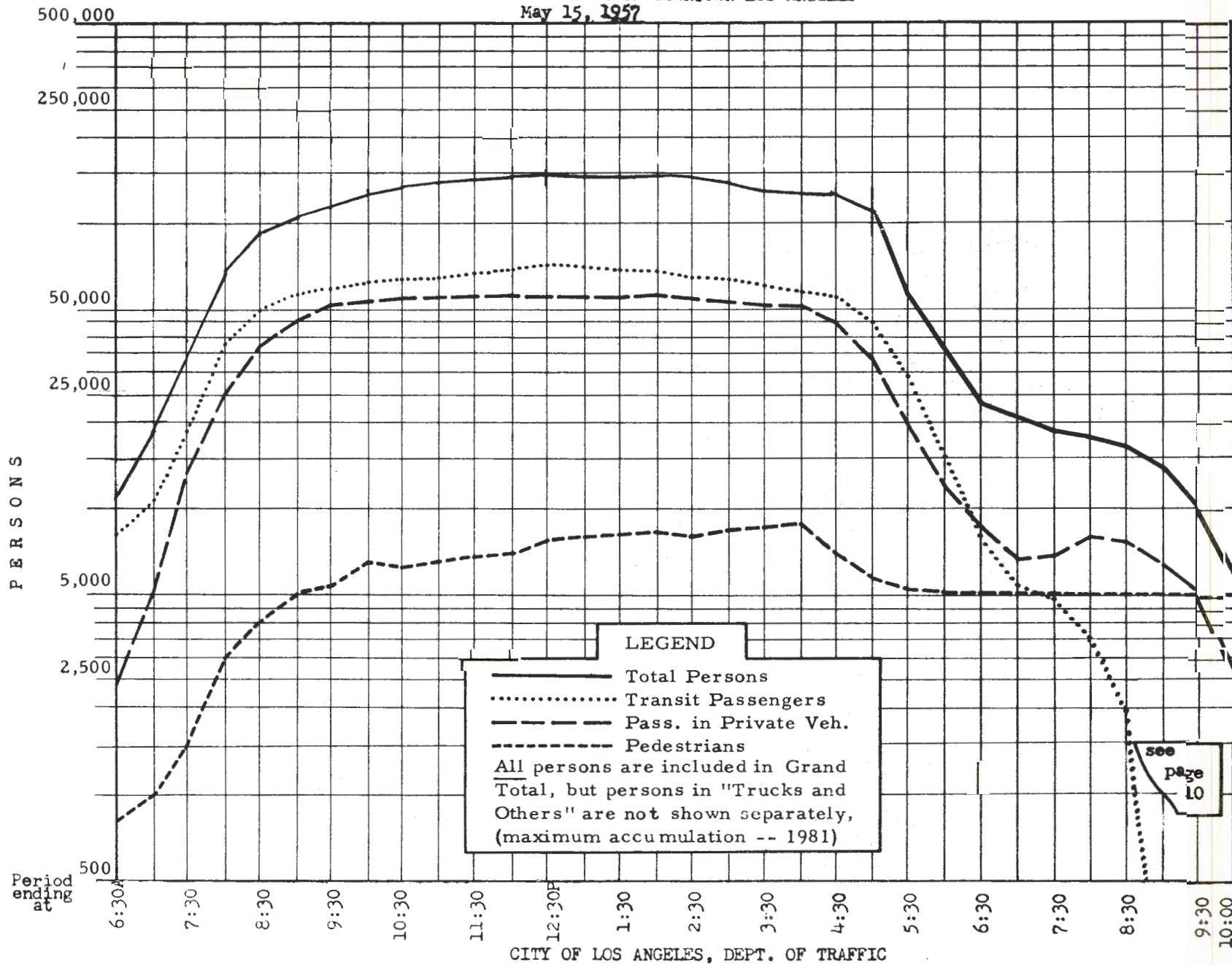


CITY OF LOS ANGELES, DEPT. OF TRAFFIC

ACCUMULATION OF VEHICLES IN DOWNTOWN LOS ANGELES  
May 15, 1957



ACCUMULATION OF PERSONS IN DOWNTOWN LOS ANGELES  
May 15, 1957



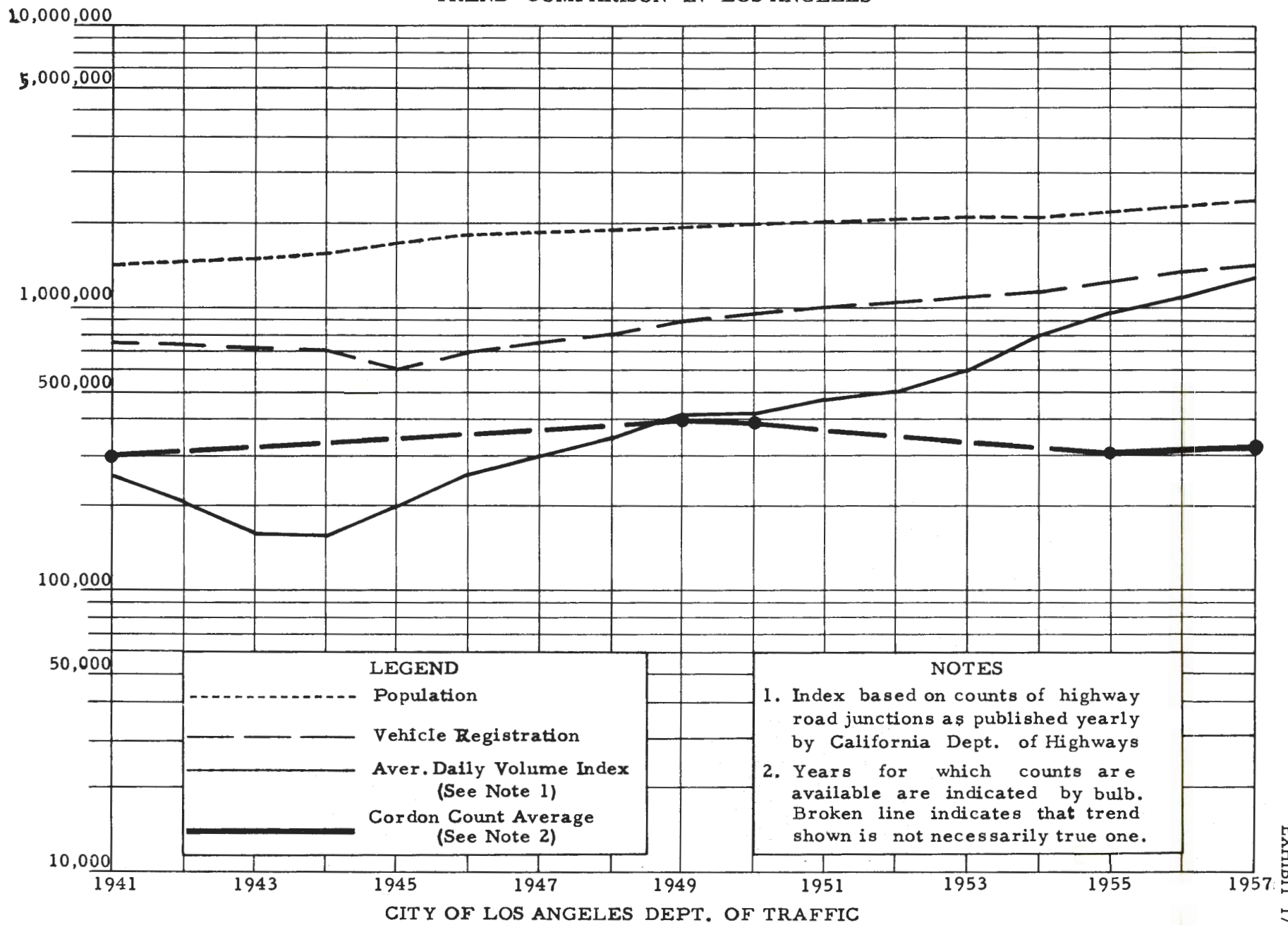
## TREND COMPARISON IN LOS ANGELES

This chart is a comparison of four elements: population, vehicle registration, an index of daily traffic volumes, and the average traffic on the Cordon line. Attention is drawn to the convergence of the lines for volume index, vehicle registration, and population, and a leveling off downward of the Cordon count average.

The volume index line is based on volumes at intersections of State Highways within the Los Angeles city limits as reported in "Annual Traffic Count" of the State Division of Highways.



# TREND COMPARISON IN LOS ANGELES



## COUNT SHEET EXAMPLES

Samples of the detailed tabulations are included as exhibits 18 and 19. Complete sets of these are available for inspection in Room 1000 City Hall.

Tabulation 18 is a listing of vehicles and persons entering (or leaving) by stations on a single side of the Cordon for a single half-hour period.

Tabulation 19 is a 16-hour listing of vehicles and persons by half-hour periods at a single station. Totals are shown for the 13-hour and 16-hour periods.

133 130 - 200 PM EAST OF LOS ANGELES STREET

PASSENGER VEHICLES			TRUCKS		TRANSIT				GRAND	P E R S O N S						GRAND		
STA	AUTO	TAXI	TOTAL	SMALL	LGE	TOTAL	ST C	BUS	TOT	TOTAL	P	V	T	ST C	BUS	TOT T	PED	TOTAL
12000							5		5	5				147		147		147
12020	49		49	6		6				55	68	6						74
12030	42	1	43	14	2	16				60	60	16					7	0083
12040	22		22	7		7				44	31	7					11	0049
12050	189	10	199	50	2	52	6		6	257	277	52		272		272	42	0643
12060	110	1	111	34		34				146	154	34					16	0204
12080	18		18	4		4				24	25	4					18	0047
12090	263	2	265	79	2	81		2	2	350	368	81			27	27	35	0511
12100	27	2	29	6		6				36	40	6					78	0124
12120	271	2	273	54		54		25	25	357	379	54			244	244	93	0770
12130	44	2	46	6		6		3	3	56	64	6			55	55	20	0145
12140	152	2	154	47	1	48	10		10	216	214	48		336		336	84	0682
12160	225		225	52	1	53		2	2	283	313	53			55	55	51	0472
12170	238	1	239	50	2	52				293	332	52					10	0394
12180	47		47	23		23				70	65	23					32	0120
12190	91	3	94	26	2	28		2	2	124	131	28			78	78	28	0265
12200	100	2	102	54	1	55				157	142	55					19	0216
	1888	28	1916	512	13	525	21	34	55	37	2533	2663	525	755	459	1214	544	04946

## BOYD STREET E/O LOS ANGELES STREET TRAFFIC FROM EAST

11080

PASSENGER VEHICLES				TRUCKS		TRANSIT				GRAND		P E R S O N S					GRAND	
TIME	AUTO TAXI	TOTAL	SMALL	LGE	TOTAL	ST C	BUS	TOT	TOTAL	P	V	T	ST C	BUS	TOT T	PERD	TOTAL	
06 00	5	5	1		1				6		7	1				3	0011	
06 30	3	3	2		2				5		4	2				8	0014	
07 00	12	13	2		2				15		20	2				18	0040	
07 30	23	23	1		1				1	25	35	1				15	0051	
08 00	9	9	2	1	3				1	13	12	3				27	0042	
08 30	12	12	5		5				3	20	16	5				28	0049	
09 00	8	8	1		1				3	12	10	1				9	0020	
09 30	12	12	3		3				15		15	3				20	0038	
10 00	9	9	8		8				17		12	8				21	0041	
10 30	11	11	8		8				2	21	15	8				13	0036	
11 00	12	12	5		5				17		16	5				13	0034	
11 30	11	11	4		4				1	16	15	4				21	0040	
12 00	12	12	3		3				1	16	17	3				23	0043	
12 30	7	7	2		2				2	11	10	2				18	0030	
13 00	13	13	1		1					14	18	1				5	0024	
13 30	15	15							1	16	21					11	0032	
14 00	15	15	4		4				19		21	4				13	0038	
14 30	11	11	6		6				17		15	6				14	0035	
15 00	18	18	5		5				23		25	5				5	0035	
15 30	25	25	7		7				32		35	7				24	0066	
16 00	35	35	6		6				41		53	6				13	0072	
16 30	65	65	3		3				68		98	3				30	0131	
17 00	56	56	7		7				63		85	7				19	0111	
17 30	15	15							15		23					7	0030	
18 00	9	9	1		1				10		14	1				7	0022	
18 30	7	7	1		1				8		11	1				6	0018	
	430	1	431	88	1	89			15	535	623	89				391	01103	
19 00	3	3							3		5					4	0009	
19 30	5	5							5		9					9	0018	
20 00	3	3							3		5					5	0010	
20 30	1	1							1		2					1	0003	
21 00	1	1							1		2					1	0003	
21 30																		
	13	13							13		23					20	00043	
	443	1	444	88	1	89			15	548	646	89				411	01146	



