

PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

INFORMATIONAL MEMORANDUM

DATE: SEPTEMBER 30, 1947

SUBJECT: TRAFFIC VOLUME TRENDS

On the basis of preliminary figures, traffic on all rural roads during August 1947 was higher than in any previous August. Volumes on city streets in the United States, as a whole, and on all rural roads in the eastern regions were lower than in 1941 but were higher than in any other previous year. Comparisons with August 1941, 1943, and 1946 are as follows:

	Percentage change from		
	1941	1943	1946
Main roads	+ 8.0	+104.6	+12.4
Local roads	+ 6.5	+ 74.5	+ 9.1
All rural roads	+ 7.6	+ 95.9	+11.5
City streets	- 4.4	+ 59.5	+ 6.4
Average	+ 1.8	+ 77.3	+ 9.1

The changes in rural traffic volumes by geographic regions were as follows:

	Percentage change from		
	1941	1943	1946
Eastern regions	- 8.4	+94.4	+14.9
Central regions	+12.2	+93.6	+10.5
Western regions	+30.9	+104.5	+ 8.9

H. S. FAIRBANK, DEPUTY COMMISSIONER
PUBLIC ROADS ADMINISTRATION

Attachments

FOR THE BOARD OF DIRECTORS
OF THE NATIONAL ASSOCIATION

INFORMATIONAL MEMORANDUM

DATE: September 10, 1957

SUBJECT: Federal Reserve Bank

At the start of the business year, certain of the assets of the
Federal Reserve Bank were transferred to the Federal Reserve Bank
of New York, as a result of the merger of the Federal Reserve
Bank of New York and the Federal Reserve Bank of New York.
The following table shows the assets of the Federal Reserve Bank
of New York as of the end of the business year.

Category	Amount
Reserve Bank of New York	100.00
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FOR THE BOARD OF DIRECTORS
OF THE NATIONAL ASSOCIATION

Reserve Bank
Federal Reserve
All Federal Reserve
City of New York
Federal Reserve

The following table shows the assets of the Federal Reserve Bank
of New York as of the end of the business year.

Reserve Bank
Federal Reserve
All Federal Reserve
City of New York
Federal Reserve

September 10, 1957

TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR AUGUST 1947 INCLUDING 599 STATIONS IN 42 STATES¹

Type of highway and State	Number of stations	Traffic volume percentage change from Aug. 1946	Type of highway and State	Number of stations	Traffic volume percentage change from Aug. 1946
<i>STATE HIGHWAYS</i>			<i>STATE HIGHWAYS</i>		
Alabama	7	+12.7	(Continued)		
Arizona	15	+ 5.6	Vermont	7	+11.8
Arkansas	16	+14.8	Washington	9	+ 7.8
California	8	+ 6.2	West Virginia	11	+21.4
Colorado	6	+11.2	Wisconsin	9	+ 7.2
Connecticut	16	+17.1	Wyoming	5	+15.1
Delaware	4	+17.5			
Idaho	8	+14.2	<i>TOTAL - 42 STATES</i>	569	+12.4
Illinois	4	+25.2			
Indiana	21	+ 6.0	<i>LOCAL HIGHWAYS</i>		
Iowa	26	+14.3	Alabama	1	+ 4.9
Kansas	14	+18.5	Connecticut	3	+15.5
Kentucky	8	+ 8.8	Delaware	2	+12.9
Louisiana	8	+ 4.0	Indiana	1	+ 1.4
Maine	10	+10.6	Iowa	7	- 0.4
Maryland	17	+ 9.8	Maryland	1	- 0.4
Massachusetts	9	+12.6	Michigan	2	+15.9
Michigan	26	+12.9	Missouri	2	+26.5
Minnesota	27	+18.3	Montana	2	+11.7
Mississippi	10	+11.9	Nebraska	1	+33.6
Missouri	25	+10.7	North Dakota	2	+25.8
Montana	12	+14.5	Ohio	2	+13.1
Nebraska	11	+12.5	Oregon	1	+ 3.0
Nevada	16	+12.4	Rhode Island	1	+46.5
New Hampshire	15	+13.8	Tennessee	1	+ 0.3
New Jersey	4	+21.0	Wisconsin	1	+ 7.7
New Mexico	14	+13.8			
North Carolina	18	+ 8.4	<i>TOTAL - 16 STATES</i>	30	+ 9.1
North Dakota	11	+13.7			
Ohio	21	+10.9	<i>ALL HIGHWAYS</i>		
Oklahoma	20	+ 9.0	42 STATES	599	+11.5
Oregon	3	+24.1			
Rhode Island	2	+24.2	3 EASTERN REGIONS	120	+14.9
South Dakota	8	+11.9	4 CENTRAL REGIONS	379	+10.5
Tennessee	5	+15.4	2 WESTERN REGIONS	100	+ 8.9
Texas	82	+ 9.0			
Utah	11	+10.5			

¹Includes all States except Florida, Georgia, New York, Pennsylvania, South Carolina and Virginia.

STATE OF NEW YORK
 DEPARTMENT OF TAXATION AND FINANCE
 TAX RATES FOR THE YEAR 1917

Year	Rate	Property	Rate	Year	Rate	Property
1917	1.00	Real Estate	1.00	1917	1.00	Real Estate
1916	1.00	Real Estate	1.00	1916	1.00	Real Estate
1915	1.00	Real Estate	1.00	1915	1.00	Real Estate
1914	1.00	Real Estate	1.00	1914	1.00	Real Estate
1913	1.00	Real Estate	1.00	1913	1.00	Real Estate
1912	1.00	Real Estate	1.00	1912	1.00	Real Estate
1911	1.00	Real Estate	1.00	1911	1.00	Real Estate
1910	1.00	Real Estate	1.00	1910	1.00	Real Estate
1909	1.00	Real Estate	1.00	1909	1.00	Real Estate
1908	1.00	Real Estate	1.00	1908	1.00	Real Estate
1907	1.00	Real Estate	1.00	1907	1.00	Real Estate
1906	1.00	Real Estate	1.00	1906	1.00	Real Estate
1905	1.00	Real Estate	1.00	1905	1.00	Real Estate
1904	1.00	Real Estate	1.00	1904	1.00	Real Estate
1903	1.00	Real Estate	1.00	1903	1.00	Real Estate
1902	1.00	Real Estate	1.00	1902	1.00	Real Estate
1901	1.00	Real Estate	1.00	1901	1.00	Real Estate
1900	1.00	Real Estate	1.00	1900	1.00	Real Estate

New York, March 1st, 1917.

TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR JULY 1947 INCLUDING 667 STATIONS IN 48 STATES¹

Region and State	Number of stations	Traffic volume percentage change from July 1946	Region and State	Number of stations	Traffic volume percentage change from July 1946
<i>NEW ENGLAND</i>			<i>EAST SOUTH CENTRAL</i>		
Connecticut	19	+16.6	Alabama	9	+14.7
Maine	10	+ 9.4	Kentucky	8	+11.2
Massachusetts	9	+ 6.8	Mississippi	10	+21.3
New Hampshire	15	+12.6	Tennessee	6	+21.2
Rhode Island	3	+41.4	Subtotal	33	+16.6
Vermont	10	+ 5.2	<i>WEST SOUTH CENTRAL</i>		
Subtotal	66	+12.7	Arkansas	19	+18.9
<i>MIDDLE ATLANTIC</i>			Louisiana	7	+10.3
New Jersey	3	+14.3	Oklahoma	20	+ 9.8
New York	2	+25.6	Texas	81	+21.8
Pennsylvania	28	+13.4	Subtotal	127	+12.5
Subtotal	33	+15.0	<i>MOUNTAIN</i>		
<i>SOUTH ATLANTIC</i>			Arizona	5	+ 1.3
Delaware	7	+18.9	Colorado	6	+ 9.2
Maryland	18	+ 9.2	Idaho	8	+14.1
Virginia	2	+16.2	Montana	14	+13.7
West Virginia	11	+15.0	Nevada	16	+11.5
Subtotal north portion	38	+12.1	New Mexico	14	+13.2
Florida	19	+18.5	Utah	11	+17.6
Georgia	10	+10.1	Wyoming	5	+16.5
North Carolina	18	+ 8.3	Subtotal	79	+12.3
South Carolina	1	+11.3	<i>PACIFIC</i>		
Subtotal south portion	48	+12.0	California	7	+ 6.4
Subtotal region	86	+12.1	Oregon	5	+21.4
<i>EAST NORTH CENTRAL</i>			Washington	9	+ 3.1
Illinois	5	+27.1	Subtotal	21	+ 7.7
Indiana	22	+ 5.5	<i>TOTAL ALL STATES</i>	667	+11.5
Michigan	28	+13.0	<i>STATE HIGHWAYS</i>	663	+14.1
Ohio	23	+19.6	<i>LOCAL HIGHWAYS</i>	34	+ 4.2
Wisconsin	10	+13.4	<i>3 EASTERN REGIONS</i>	185	+13.9
Subtotal	88	+13.3	<i>4 CENTRAL REGIONS</i>	382	+11.5
<i>WEST NORTH CENTRAL</i>			<i>2 WESTERN REGIONS</i>	100	+ 7.6
Iowa	33	+16.6			
Kansas	12	+17.6			
Minnesota	27	+14.7			
Missouri	27	+ 7.0			
Nebraska	12	+14.5			
North Dakota	13	+12.2			
South Dakota	10	+15.3			
Subtotal	134	+12.9			

¹Combined State and local highways.

TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES IN AUGUST 1947
COMPARED WITH THOSE IN AUGUST 1946 AND 1941.

Facilities	1947			Percentage change from 1946			Percentage change from 1941		
	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses
<i>EASTERN REGIONS</i>									
2 in the New England States	90,905	85,757	5,148	+12.4	+12.4	+11.5	-21.9	-23.6	+25.0
15 in the Middle Atlantic States	14,385,586	12,818,833	1,566,753	+16.9	+18.2	+7.0	+28.9	+27.2	+44.4
Pennsylvania Turnpike	410,869	356,236	54,633	+25.9	+28.2	+12.7	+11.6	+5.4	+80.6
5 in the South Atlantic States	577,211	481,639	95,572	+13.2	+15.1	+4.6	+10.9	+8.0	+28.4
<i>TOTAL - 23 facilities¹</i>	15,464,571	13,742,465	1,722,106	+16.9	+18.3	+7.1	+27.1	+25.2	+44.2
<i>TOTAL - 24 facilities</i>	16,143,855	14,362,924	1,780,931	+17.3	+18.7	+7.3	--	--	--
<i>CENTRAL REGIONS</i>									
3 on the Great Lakes Canadian Border ²	830,843	809,627	21,216	+27.1	+27.7	+7.0	+72.5	+72.1	+91.4
1 in the Great Lakes Region	117,148	113,464	3,684	+17.7	+18.1	+8.1	+25.8	+24.3	+97.1
<i>Subtotal - 4 facilities</i>	947,991	923,091	24,900	+25.9	+26.5	+7.1	+65.0	+64.3	+92.2
5 on the Ohio River	623,498	540,835	82,663	+3.4	+3.5	+2.4	+2.8	+1.6	+11.0
7 on the Mississippi and St. Croix Rivers St. Louis and north	714,938	633,928	81,010	+13.6	+13.2	+16.3	-4.4	-4.8	-0.6
1 on the Mississippi River south of St. Louis	21,468	17,689	3,779	+20.6	+24.1	+6.6	+56.0	+61.4	+35.0
<i>Subtotal - 8 facilities</i>	736,406	651,617	84,789	+13.8	+13.5	+15.8	-3.3	-3.8	+0.6
3 on the Missouri River	189,797	158,092	31,705	+7.9	+8.1	+6.9	+33.1	+35.1	+23.9
2 in the Missouri River area	8,826	7,685	1,141	+20.3	+18.4	+35.0	+40.8	+37.0	+73.4
<i>Subtotal - 5 facilities</i>	198,623	165,777	32,846	+8.4	+8.5	+7.7	+33.4	+35.2	+25.1
<i>TOTAL - 22 facilities¹</i>	2,506,518	2,281,320	225,198	+14.6	+15.3	+8.4	+19.8	+20.5	+13.8
<i>TOTAL - 26 facilities</i>	2,743,413	2,486,581	256,832	+13.9	+14.6	+8.2	--	--	--
<i>WESTERN REGIONS</i>									
1 in California	2,199,303	1,997,702	201,601	+3.0	+3.3	+0.2	+24.6	+22.4	+51.2
4 in the Oregon-Washington area	484,962	431,305	53,657	+10.3	+10.6	+7.8	+88.0	+84.3	+123.8
<i>TOTAL - 5 facilities</i>	2,684,265	2,429,007	255,258	+4.3	+4.5	+1.7	+32.6	+30.1	+62.3
<i>UNITED STATES</i>									
<i>TOTAL - 50 facilities¹</i>	20,655,354	18,452,792	2,202,562	+14.8	+15.9	+6.6	+26.8	+25.2	+42.2
<i>TOTAL - 55 facilities</i>	21,571,533	19,278,512	2,293,021	+15.1	+16.2	+6.8	--	--	--

¹These facilities have comparative data for 1947, 1946, and 1941 and are included in the larger total below.

²One of these facilities is in Western New York and therefore is related to similar facilities in the Central States.

GENERAL INFORMATION								SPECIFIC DATA	
NO.	DATE	TIME	LOCATION	DEPTH	TEMP.	WIND	SEA	WAVE	REMARKS
1001	10/10/54	0800	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1002	10/10/54	0900	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1003	10/10/54	1000	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1004	10/10/54	1100	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1005	10/10/54	1200	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1006	10/10/54	1300	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1007	10/10/54	1400	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1008	10/10/54	1500	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1009	10/10/54	1600	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1010	10/10/54	1700	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1011	10/10/54	1800	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1012	10/10/54	1900	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1013	10/10/54	2000	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1014	10/10/54	2100	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1015	10/10/54	2200	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1016	10/10/54	2300	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1017	10/10/54	0000	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1018	10/10/54	0100	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1019	10/10/54	0200	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1020	10/10/54	0300	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1021	10/10/54	0400	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1022	10/10/54	0500	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1023	10/10/54	0600	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1024	10/10/54	0700	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1025	10/10/54	0800	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1026	10/10/54	0900	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1027	10/10/54	1000	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1028	10/10/54	1100	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1029	10/10/54	1200	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1030	10/10/54	1300	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1031	10/10/54	1400	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1032	10/10/54	1500	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1033	10/10/54	1600	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1034	10/10/54	1700	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1035	10/10/54	1800	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1036	10/10/54	1900	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1037	10/10/54	2000	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1038	10/10/54	2100	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1039	10/10/54	2200	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1040	10/10/54	2300	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1041	10/10/54	0000	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1042	10/10/54	0100	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1043	10/10/54	0200	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1044	10/10/54	0300	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1045	10/10/54	0400	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1046	10/10/54	0500	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1047	10/10/54	0600	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1048	10/10/54	0700	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1049	10/10/54	0800	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear
1050	10/10/54	0900	10-10N 100-00E	1000	25.0	10K	1-2	1-2	Clear

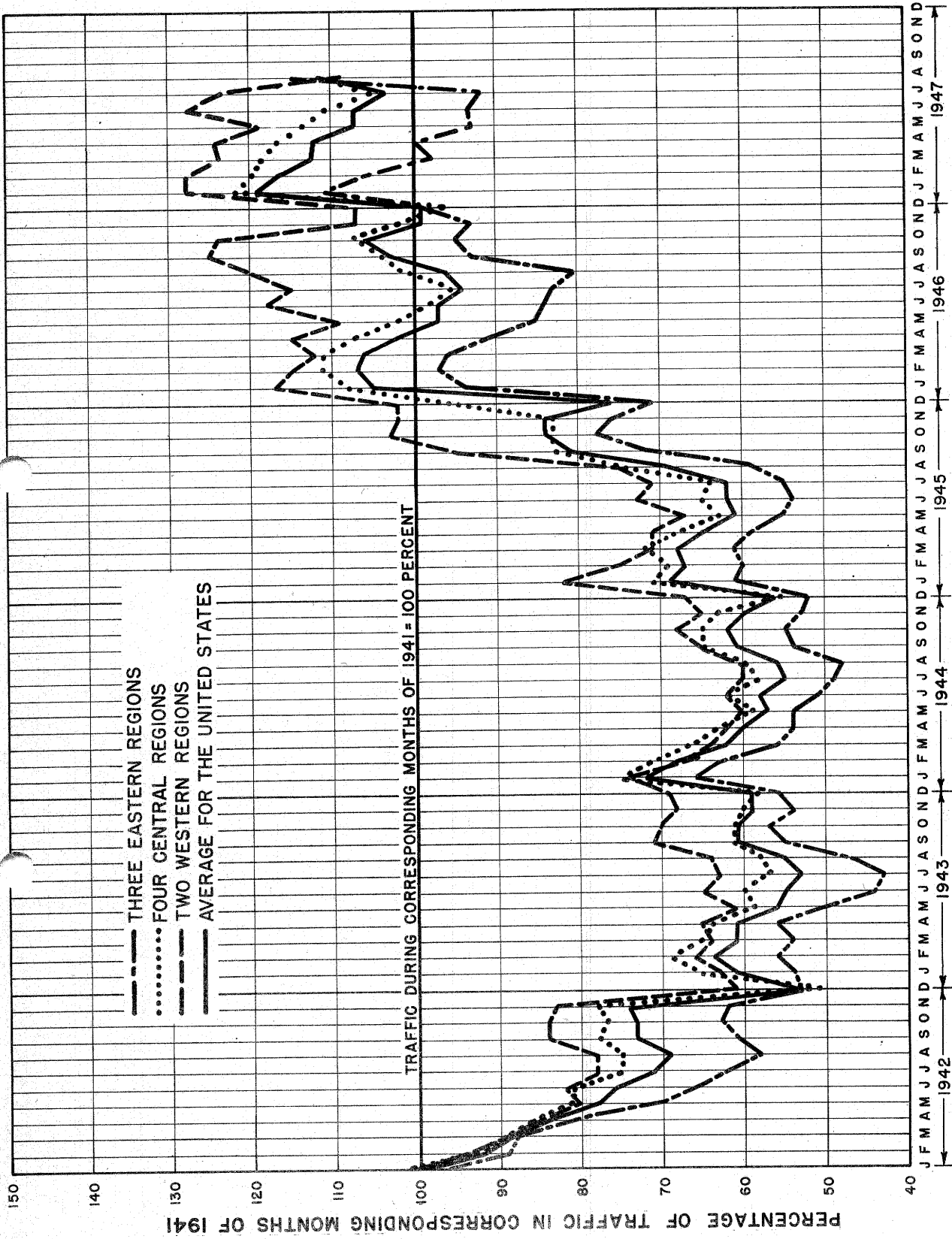


FIGURE 1--PERCENTAGE RELATIONS OF RURAL TRAFFIC BY MONTHS IN 1942 TO 1947
WITH THAT IN CORRESPONDING MONTHS OF 1941

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5408 SOUTH DIVISION STREET
CHICAGO, ILLINOIS 60637
TEL: 773-835-3100
FAX: 773-835-3101
WWW: WWW.CHEM.UCHICAGO.EDU



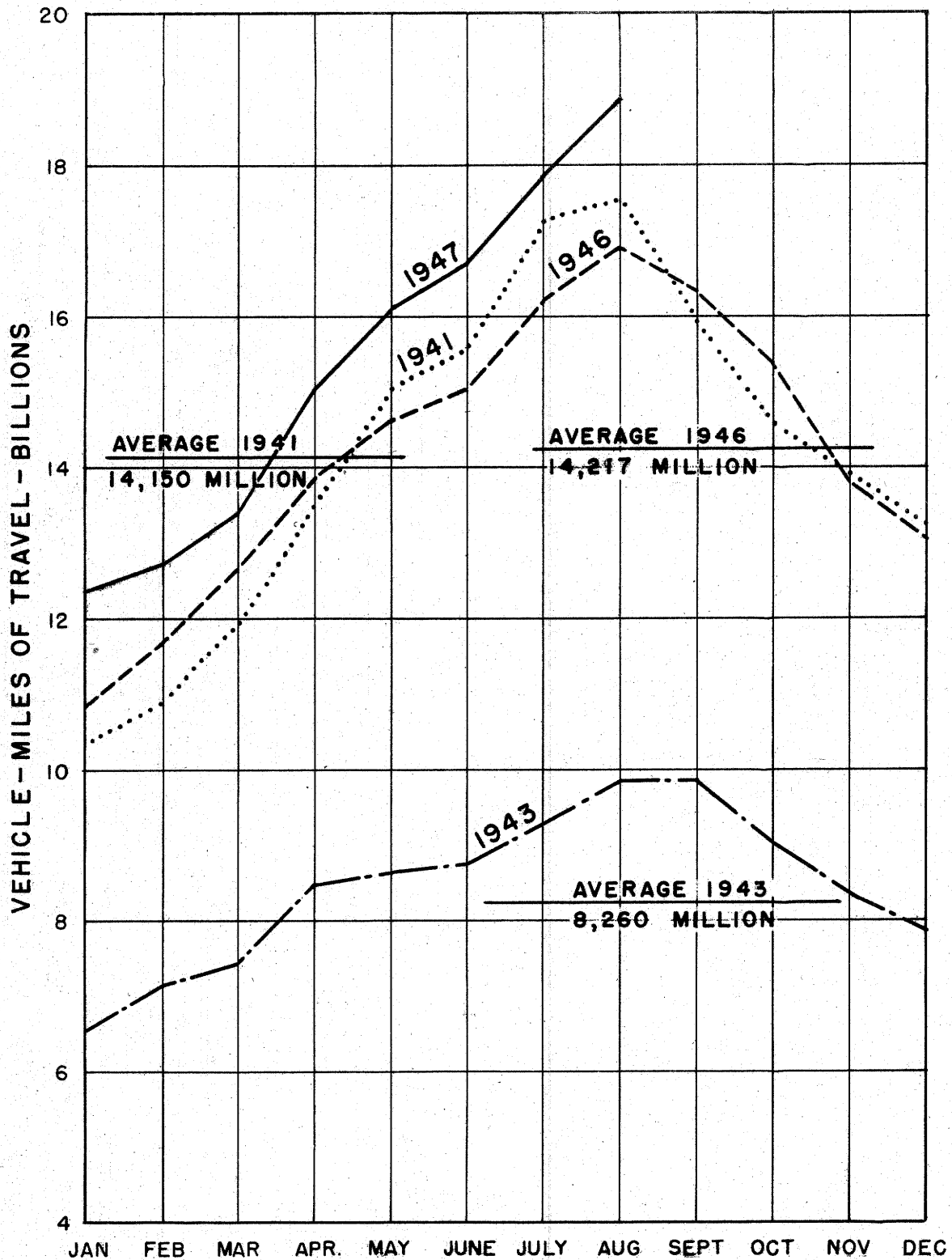


FIGURE 2 - VEHICLE - MILES OF TRAVEL ON ALL RURAL ROADS IN 1941, 1943, 1946 AND 1947

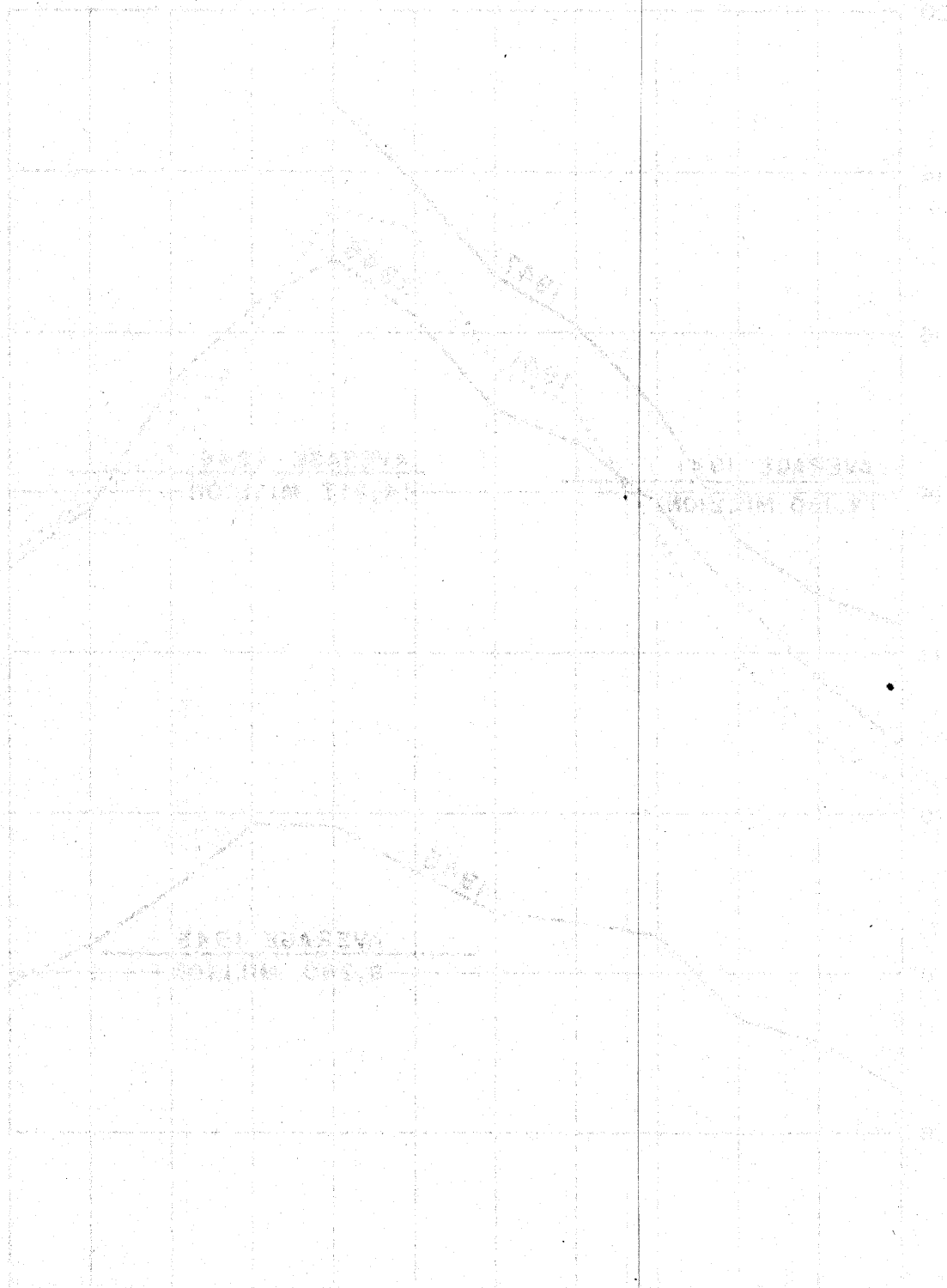


FIGURE 3 - VEHICLE MILES OF TRAVEL ON ALL RURAL ROADS IN 1941, 1942, 1943 AND 1944

VEHICLE MILES OF TRAVEL ON RURAL ROADS