

M Hitchcock

PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

INFORMATIONAL MEMORANDUM NO. 86

DATE: MAY 31, 1945

SUBJECT: TRAFFIC VOLUME TRENDS

The preliminary data for April indicated that traffic in all sections of the country increased over the estimates for that month in 1944 although this increase was not so large, generally, as was the increase that was found in March. Increases were found in all States except Montana, Tennessee, and Virginia. Traffic in the eastern portion increased 4.4 percent over the 1944 estimates for this section; that in the central States 5.5 percent; while that in the mountain and western States increased 10.7 percent. Traffic in the entire country increased 6.0 percent over the total estimated for April 1944, and reached a level of 61.7 percent of the April 1941 estimate. A slightly larger increase in April traffic was found at toll facilities where counts were 9.3 percent above those made in 1944.

Comparisons of city traffic in April 1945 with that in April 1944 are as follows:

- 3 stations in Detroit, Michigan +2.8 percent.
- 12 stations in Washington, D. C. +1.4 percent.

H. S. FAIRBANK, DEPUTY COMMISSIONER
PUBLIC ROADS ADMINISTRATION.

Attachments

The following information was obtained from a review of the records of the [redacted] and is being furnished to you for your information. It is to be understood that this information is being furnished to you in confidence and is not to be disseminated outside of your office.

The information contained herein is for your information only and is not to be disseminated outside of your office. It is to be understood that this information is being furnished to you in confidence and is not to be disseminated outside of your office.

Very truly yours,
[Signature]

CONFIDENTIAL - SECURITY INFORMATION

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[Signature]

TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
APRIL 1945 INCLUDING 559 STATIONS IN 42 STATES¹

Type of highway and State	Number of stations	Percentage change from April 1944	Type of highway and State	Number of stations	Percentage change from April 1944
<i>STATE HIGHWAYS</i>			<i>STATE HIGHWAYS (Continued)</i>		
Alabama	8	+ 5.9	Virginia	3	- 0.9
Arizona	4	+17.6	Washington	9	+ 3.6
Arkansas ²	20	+22.7	West Virginia	8	+12.7
California	9	+16.0	Wisconsin	9	+11.1
Colorado	6	+25.3	Wyoming	4	+17.3
Connecticut	17	+ 3.2			
Delaware	5	+ 5.7	<i>TOTAL - 42 STATES</i>	523	+ 5.9
Georgia	7	+ 6.7	<i>LOCAL HIGHWAYS</i>		
Idaho	8	+ 2.8	Alabama	2	+ 0.8
Illinois	4	+ 2.6	Connecticut	3	- 0.9
Indiana	21	+ 2.5	Delaware	2	+40.1
Iowa	26	+ 6.0	Georgia	4	+ 6.6
Kansas	13	+15.6	Indiana	2	- 4.8
Kentucky	12	+ 1.0	Iowa	9	+ 8.7
Maine	10	+ 1.9	Maryland	1	+14.2
Maryland	17	+ 3.2	Michigan	2	+14.1
Massachusetts	9	+ 6.7	Montana	2	+ 2.2
Michigan	26	+ 5.2	Nebraska	1	+17.6
Mississippi	10	+ 8.2	North Dakota	2	-18.3
Montana	12	- 0.8	Ohio	1	+11.0
Nebraska	11	+ 8.8	Oregon	1	+10.0
Nevada	16	+ 1.7	Rhode Island	1	-11.9
New Mexico	13	+ 9.2	Tennessee	1	+10.6
New York	2	+ 3.8	Wisconsin	2	+21.6
North Carolina ³	13	+ 9.2			
North Dakota	9	+10.5	<i>TOTAL - 16 STATES</i>	36	+ 6.4
Ohio	21	+ 4.3	<i>ALL HIGHWAYS 42 STATES</i>		
Oklahoma	20	+ 2.2		559	+ 6.0
Oregon	3	+15.9	<i>3 EASTERN REGIONS</i>		
Pennsylvania	29	+ 3.2		144	+ 4.4
Rhode Island	3	+ 4.5	<i>4 CENTRAL REGIONS</i>		
South Carolina	3	+ 4.8		318	+ 5.5
South Dakota	10	+ 5.5	<i>2 WESTERN REGIONS</i>		
Tennessee	4	+10.1		87	+10.7
Texas	72	+ 3.1			
Utah	10	+ 7.6			
Vermont	7	+10.8			

¹ Includes all States except Florida, Louisiana, Minnesota, Missouri, New Hampshire, and New Jersey.

² Abnormal conditions in 1943 or 1944 affected 1 count in Arkansas, excluding station 21, the increase is 9.5 percent.

³ Data for 7 to 14 days only.

STATE OF TEXAS
COMMISSIONERS OF THE GENERAL LAND OFFICE

Section	Block	Acres	Original Grant	Original Patent	Original Patent No.	Original Patent Date
1	1	40	...	...	...	...
1	2	40	...	...	...	...
1	3	40	...	...	...	...
1	4	40	...	...	...	...
1	5	40	...	...	...	...
1	6	40	...	...	...	...
1	7	40	...	...	...	...
1	8	40
1	9	40
1	10	40
1	11	40
1	12	40
1	13	40
1	14	40
1	15	40
1	16	40
1	17	40
1	18	40
1	19	40
1	20	40
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1	22	40
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1	24	40
1	25	40
1	26	40
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1	28	40
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1	30	40
1	31	40
1	32	40
1	33	40
1	34	40
1	35	40
1	36	40
1	37	40
1	38	40
1	39	40
1	40	40

This is to certify that the above is a true and correct copy of the original records of the General Land Office, State of Texas, as the same appear on the books of said office, and that the same have been compared with the original records and found to be correct.

TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
MARCH 1945 INCLUDING 646 STATIONS IN 46 STATES¹

Region and State	Number of stations	Percentage change from March 1944	Region and State	Number of stations	Percentage change from March 1944
<i>NEW ENGLAND</i>			<i>EAST SOUTH CENTRAL</i>		
Connecticut	20	+ 1.7	Alabama	10	+ 7.1
Maine	10	+ 1.2	Kentucky	12	+ 7.2
Massachusetts	9	+ 5.1	Mississippi	10	+10.4
New Hampshire	14	- 5.1	Tennessee ³	5	-17.9
Rhode Island	4	+ 6.4	<i>Subtotal</i>	37	+ 3.7
Vermont	9	+13.0	<i>WEST SOUTH CENTRAL</i>		
<i>Subtotal</i>	66	+ 2.7	Arkansas ³	20	+16.2
<i>MIDDLE ATLANTIC</i>			Louisiana ⁴	8	-14.3
New York	9	+10.2	Oklahoma	20	- 4.7
Pennsylvania	29	+12.2	Texas	72	+ 0.8
<i>Subtotal</i>	38	+11.6	<i>Subtotal</i>	120	- 0.8
<i>SOUTH ATLANTIC</i>			<i>MOUNTAIN</i>		
Delaware	7	+11.9	Arizona	4	+18.1
Maryland	18	+ 5.9	Colorado	6	+28.3
Virginia	4	+ 6.3	Idaho	8	+ 1.6
West Virginia	11	+ 7.5	Montana	14	+10.7
<i>Subtotal north portion</i>	40	+ 7.1	Nevada	16	- 8.5
Florida	18	+ 8.9	New Mexico	13	+ 9.0
Georgia	11	+ 6.0	Utah	10	+ 9.2
North Carolina	20	+ 1.6	Wyoming	4	+16.5
South Carolina	2	+ 3.0	<i>Subtotal</i>	75	+ 9.8
<i>Subtotal south portion</i>	51	+ 5.0	<i>PACIFIC</i>		
<i>Subtotal region</i>	91	+ 6.0	California	9	+12.0
<i>EAST NORTH CENTRAL</i>			Oregon	4	+ 7.7
Illinois	3	+ 4.4	Washington	9	+ 5.2
Indiana	23	+ 6.4	<i>Subtotal</i>	22	+ 8.9
Michigan	28	+ 6.8	<i>TOTAL ALL STATES²</i>	646	+ 7.6
Ohio	22	+13.8	<i>STATE HIGHWAYS²</i>	607	+ 7.4
Wisconsin	11	+14.3	<i>LOCAL HIGHWAYS</i>	39	+ 8.1
<i>Subtotal</i>	87	+ 9.2	<i>3 EASTERN REGIONS</i>	195	+ 7.7
<i>WEST NORTH CENTRAL</i>			<i>4 CENTRAL REGIONS</i>	354	+ 7.0
Iowa	35	+14.6	<i>2 WESTERN REGIONS</i>	97	+ 9.2
Kansas	13	+22.6			
Missouri	27	+ 8.4			
Nebraska	12	+14.8			
North Dakota	13	+22.1			
South Dakota	10	+18.0			
<i>Subtotal</i>	110	+13.7			

¹Combined State and local highways.

²Includes all States except the following: Minnesota and New Jersey.

³Abnormal conditions in 1944 or 1945 affected 2 counts in the following States: Arkansas, excluding station 21, the increase is 8.2 percent. Tennessee, excluding station 5, there is an increase of 1.4 percent.

⁴Data available for first 10 days of month.

MEMORANDUM FOR THE RECORD

DATE: 10/15/54

TO: SAC, NEW YORK

FROM: SA, NEW YORK

SUBJECT: [Illegible]

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TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES AND DRAWBRIDGES IN APRIL 1945 COMPARED WITH THOSE IN APRIL 1944 AND 1941.

Facilities	1945			Percentage change from 1944			Percentage change from 1941		
	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses
THREE EASTERN REGIONS									
3 in the New England States	31,429	28,604	2,825	+17.6	+18.7	+7.5	-18.7	-19.9	-5.0
12 in the Middle Atlantic States	3,965,113	3,087,376	877,737	+7.3	+6.4	+10.4	-16.9	-22.0	+7.8
Fleetwood Viaduct, Westchester County, New York	167,626	167,626	--	+17.2	+17.2	--	-62.1	-62.1	--
5 in the South Atlantic States	211,925	153,030	58,895	-1.8	-3.8	+3.7	-47.2	-54.8	-6.3
TOTAL - 21 facilities in the Eastern States ¹	4,376,093	3,436,636	939,457	+7.2	+6.5	+9.9	-22.6	-28.0	+6.8
TOTAL - 25 facilities in the Eastern States	4,630,907	3,650,621	980,286	+7.5	+6.9	+10.2			
FIVE CENTRAL REGIONS									
4 on the Great Lakes Canadian Border ²	285,597	249,105	36,492	+50.1	+56.2	+18.2	+61.1	+58.0	+86.1
2 in the Great Lakes Region	58,947	37,153	21,794	+25.3	+21.4	+32.6	+35.1	+44.9	+7.0
Subtotal - 6 facilities	344,544	286,258	58,286	+45.2	+50.0	+23.2	+28.6	+27.1	+35.4
9 on the Ohio River ³	430,724	346,111	84,613	+9.3	+9.6	+8.1	-21.6	-24.0	-9.6
10 in Kentucky	121,936	93,649	28,287	-7.7	-9.9	+0.2	-20.5	-26.5	+9.2
Subtotal - 19 facilities	552,660	439,760	112,900	+6.0	+4.8	+6.0	-21.8	-24.5	-5.5
9 on the Mississippi and St. Croix Rivers St. Louis and north	406,347	333,334	67,013	+6.2	+6.8	+3.7	-20.0	-22.4	-5.8
3 on the Mississippi River south of St. Louis	47,014	33,814	13,200	-22.5	-24.8	-16.0	-34.0	-37.2	-24.3
Subtotal - 12 facilities	447,361	367,148	80,213	+2.3	+2.8	-0.2	-21.8	-24.0	-9.4
3 on the Missouri River	101,249	77,856	23,393	+12.5	+14.5	+6.4	+3.5	+3.9	+2.3
2 in the Missouri River area	2,469	1,960	509	+18.5	+24.8	-0.6	-38.3	-40.2	-29.7
Subtotal - 5 facilities	103,718	79,816	23,902	+12.6	+14.7	+6.2	+1.9	+2.1	+1.3
3 on the Mexican Border	55,804	45,066	10,738	+2.4	+1.0	+8.8			
TOTAL - 42 facilities in the Central States ¹	1,448,283	1,172,982	275,301	+12.0	+13.2	+7.3	-11.9	-14.4	+0.2
TOTAL - 48 facilities in the Central States	1,616,021	1,309,924	306,097	+11.3	+12.3	+7.3			
TWO WESTERN REGIONS									
4 in California	2,133,511	1,869,057	264,454	+11.5	+11.9	+8.4	-0.7	-5.3	+49.7
5 in the Oregon-Washington area	217,443	186,750	30,693	+13.6	+14.8	+6.7	+19.5	+15.7	+49.1
TOTAL - 9 facilities in the Western States	2,350,954	2,055,807	295,147	+11.7	+12.2	+8.2	+0.8	-3.7	+49.6
TOTAL - 72 facilities in the United States ¹	8,175,330	6,665,425	1,509,905	+9.3	+9.3	+9.1	-15.1	-19.5	+11.7
TOTAL - 82 facilities in the United States	8,597,882	7,016,352	1,581,530	+9.3	+9.4	+9.3			
4 facilities reporting only total traffic	162,559			-8.5					
31 drawbridges in Eastern North Carolina (not toll) based on one 8-hour weekday count at each bridge.	15,050	11,789	3,261	-8.8	-9.4	-6.5	-13.6	-15.2	-7.3
<p>¹These facilities have comparative data for 1945, 1944, and 1941 and are included in the larger total below.</p> <p>²Two of these facilities are in Western New York and therefore are related to similar facilities in the Central States. It is reported that the extraordinary increase is due to people in the States going to Canada to buy mats.</p> <p>³Five of these facilities are between Ohio and West Virginia.</p>									

STATE OF CALIFORNIA
DEPARTMENT OF REVENUE

Description		Quantity		Value		Tax		Total	
Item	Code	Units	Weight	Price	Weight	Price	Rate	Amount	Sum
SECTION 1									
...
SECTION 2									
...
SECTION 3									
...
SECTION 4									
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SECTION 5									
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SECTION 6									
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SECTION 7									
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SECTION 8									
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SECTION 9									
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SECTION 10									
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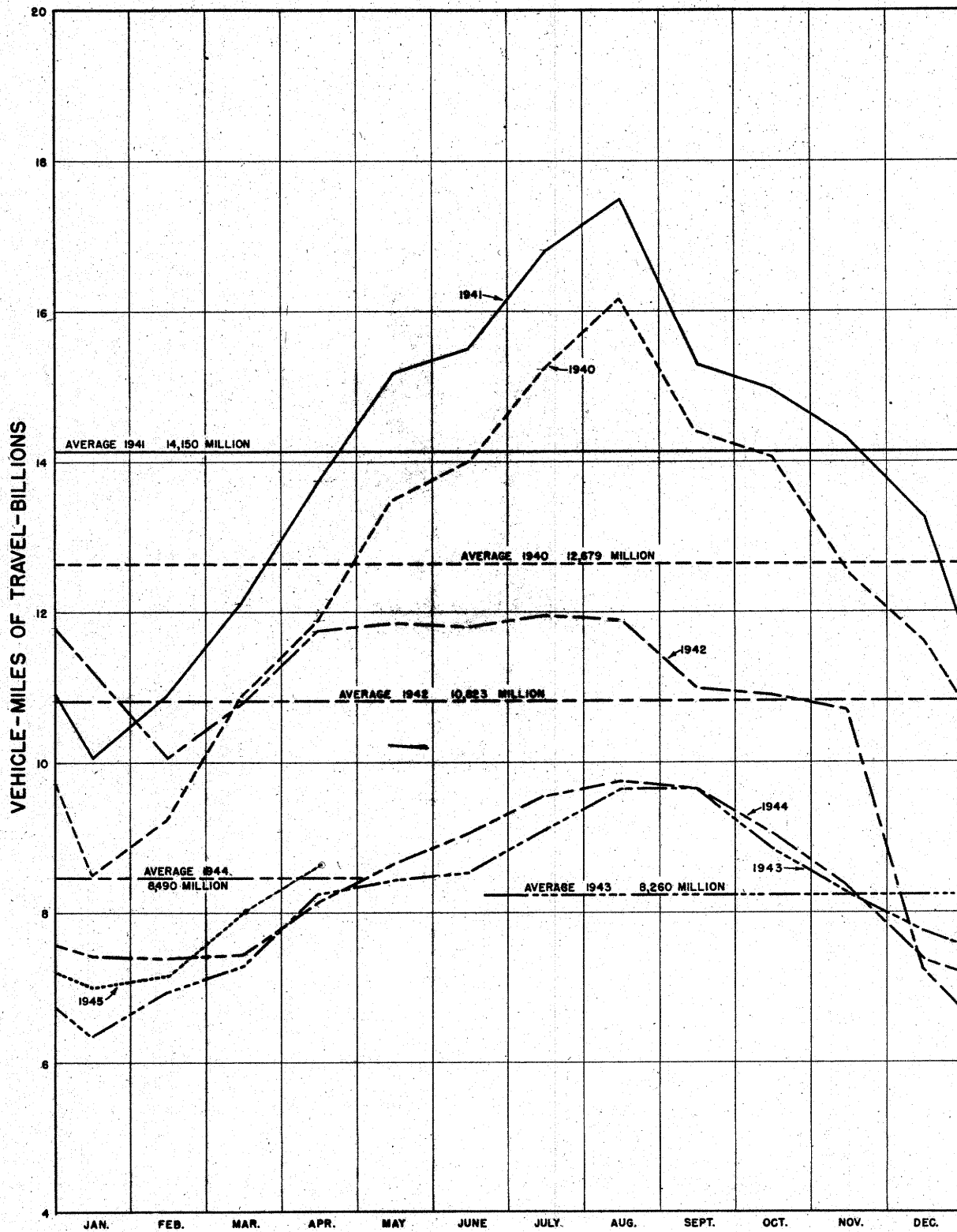
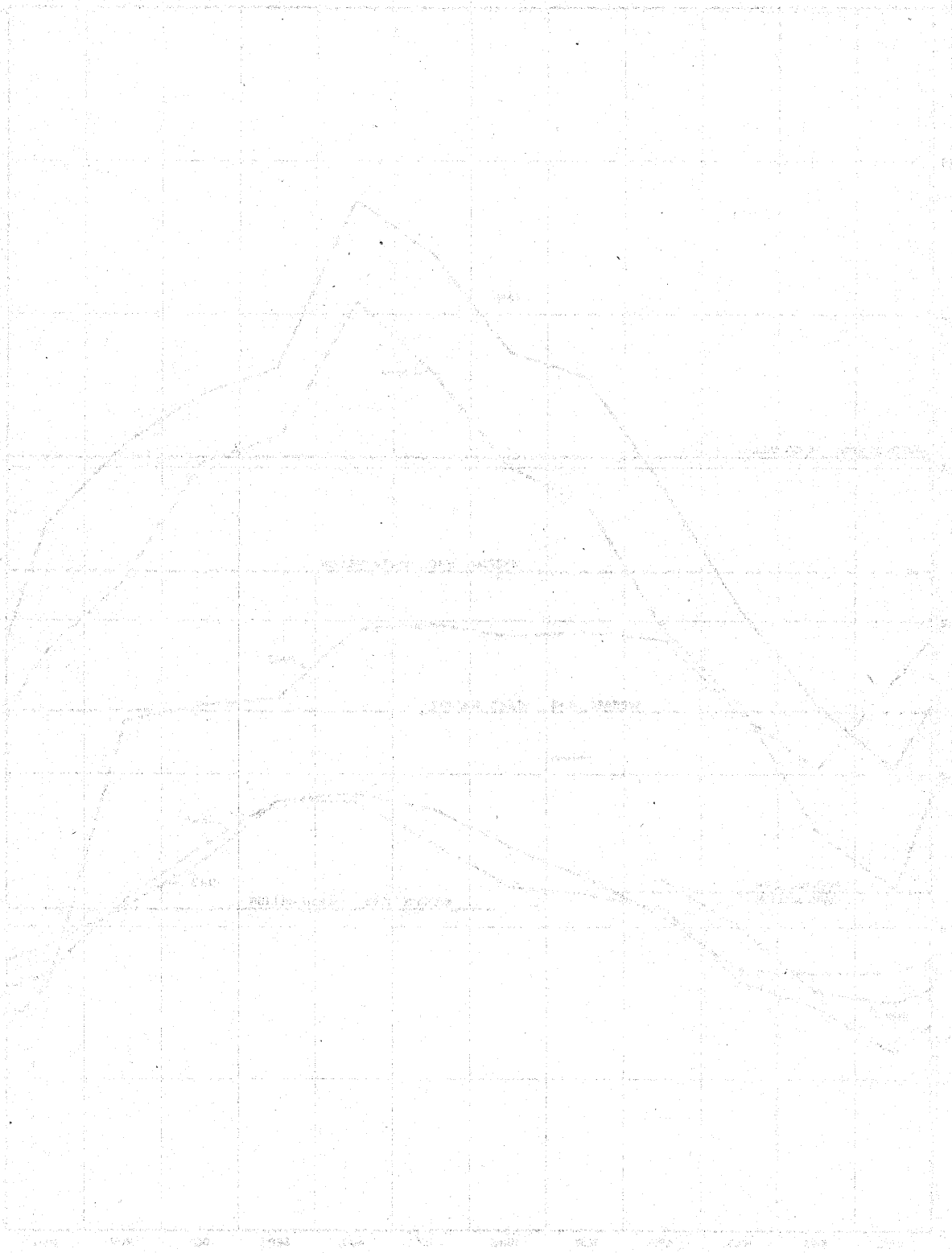


FIGURE 1.—VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS
1940 TO 1945 BY MONTHS.



SOURCE: BUREAU OF ECONOMIC ANALYSIS, U.S. DEPARTMENT OF COMMERCE

FIGURE 1 - MONTHLY TRAVEL BY AIR, RAIL, AND ROAD, 1947-1954

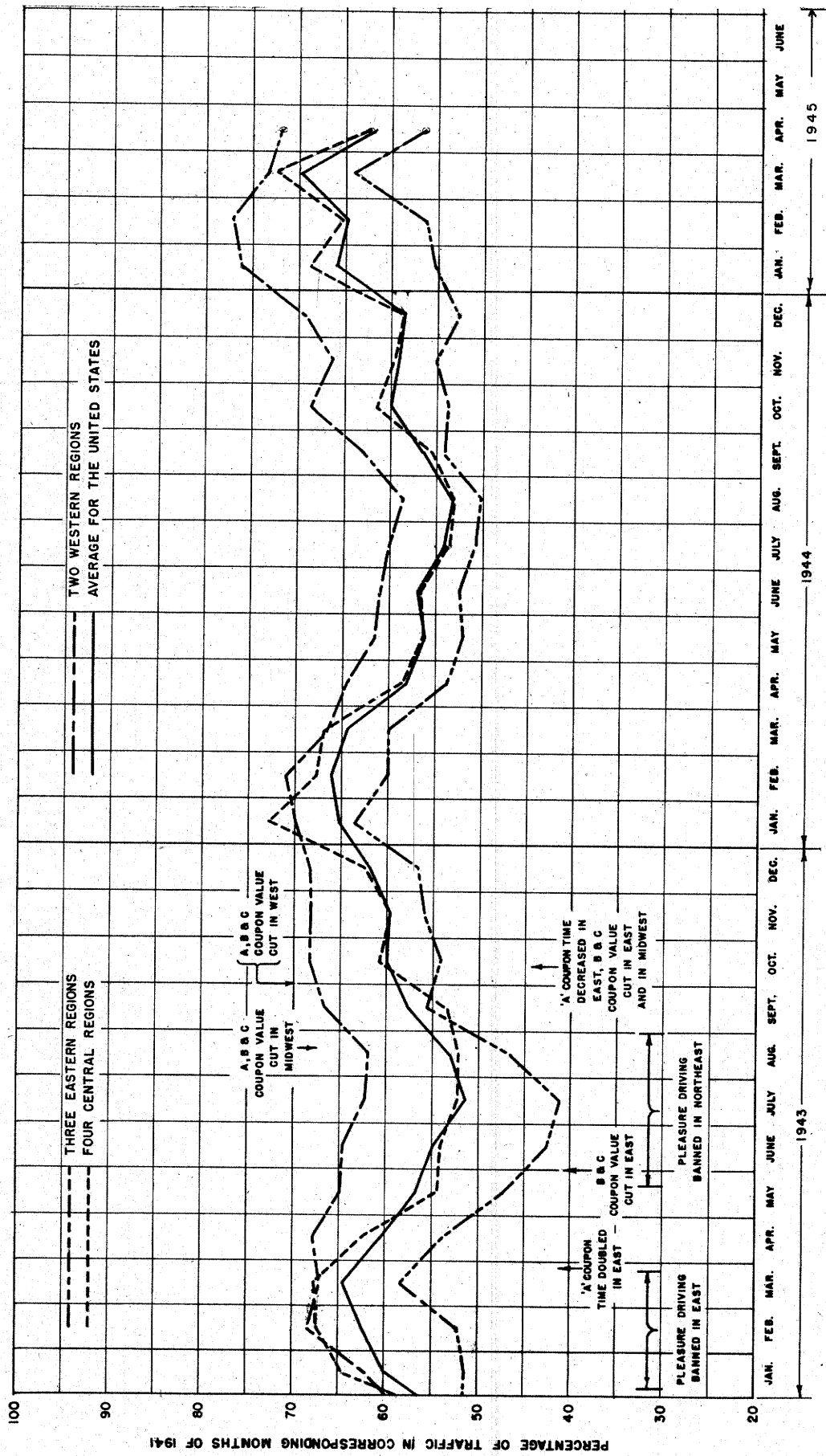
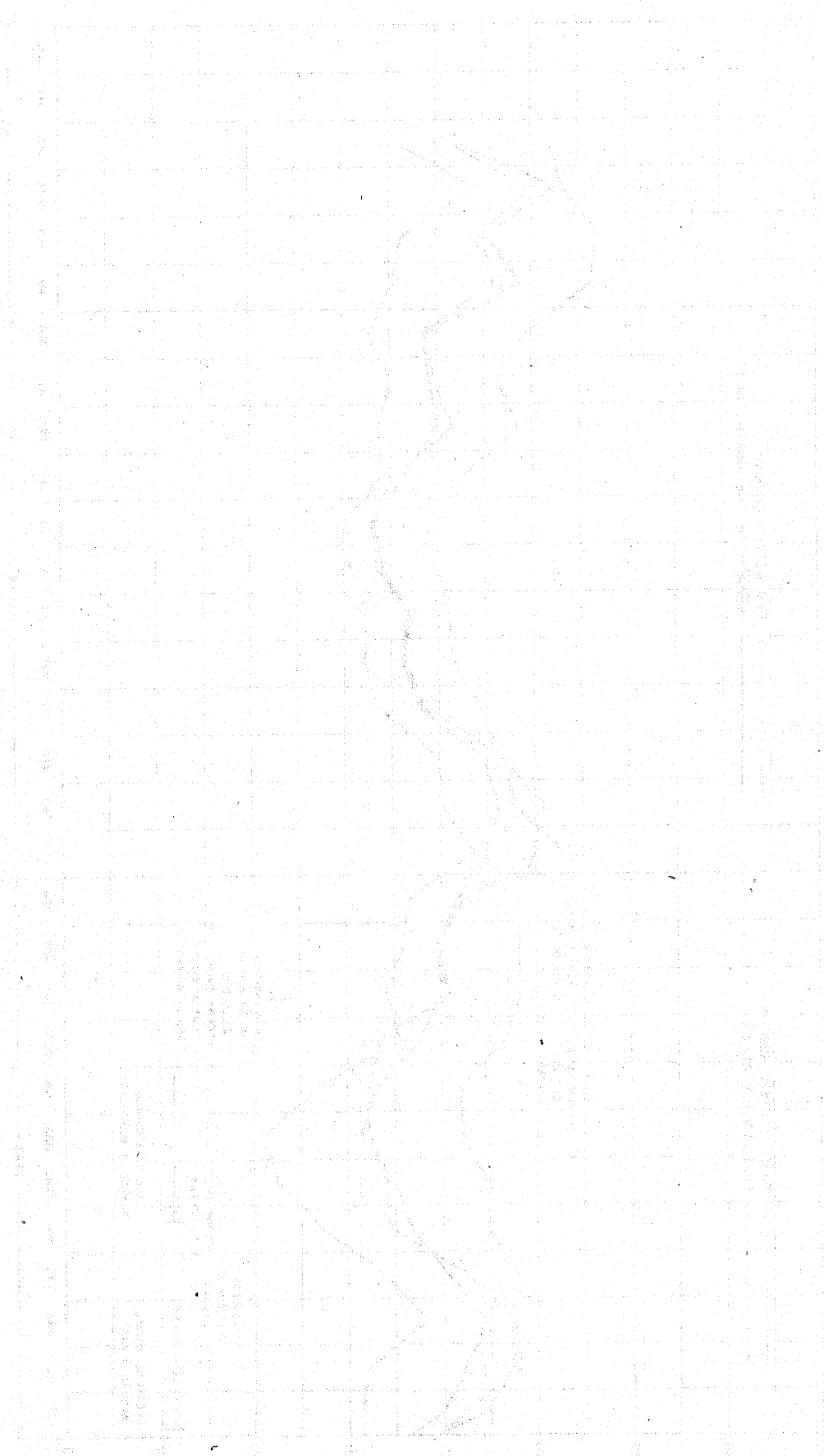


FIGURE 2.- PERCENTAGE RELATIONS OF RURAL TRAFFIC IN MONTHS OF 1943 AND 1944 WITH THAT IN CORRESPONDING MONTHS OF 1941

1942



1942