

PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

INFORMATIONAL MEMORANDUM

DATE: JANUARY 31, 1947

SUBJECT: TRAFFIC VOLUME TRENDS

On the basis of preliminary figures, rural traffic during 1946, the first postwar year, climbed to an all-time high of approximately 170,000 million vehicle-miles from a wartime low of 101,154 million vehicle-miles in 1943. The previous high of 169,808 million vehicle-miles established in 1941 was apparently exceeded slightly. Since the war, the total traffic flow on rural sections in 1946 exceeded the volumes in corresponding months of 1941 in seven months—January, February, March, April, September, October and November—and fell slightly below the 1941 level in the other months.

Traffic on main highways in 1946 exceeded that in any previous year. Volumes on local roads were slightly lower than in 1941 but were higher than in any other previous year. Comparisons with 1941 and 1943, the previous high and low traffic years, respectively, are as follows:

	Percentage change	
	from 1941	from 1943
Main roads	+ 0.6	+72.0
Local roads	- 1.1	+58.6
All rural roads	+ 0.1	+68.1

Traffic in the eastern States remained at a point slightly below the 1941 level. Moderate increases in the central States, together with large increases in the western sections, accounted for the gain over 1941 for the country as a whole. The changes in rural traffic volumes by geographical regions are as follows:

1942

1943

1944

1945

On the 1st of January 1942, the first of the year, the weather was very cold and the wind was blowing from the north. The snow was deep and the ground was frozen. The trees were bare and the leaves had fallen. The birds were scarce and the animals were huddled together for warmth. The day was long and the night was dark. The stars were bright in the sky and the moon was full. The sun was low in the sky and the light was dim. The air was still and the silence was deep. The world was quiet and the peace was still.

The 2nd of January 1942, the second of the year, the weather was very cold and the wind was blowing from the north. The snow was deep and the ground was frozen. The trees were bare and the leaves had fallen. The birds were scarce and the animals were huddled together for warmth. The day was long and the night was dark. The stars were bright in the sky and the moon was full. The sun was low in the sky and the light was dim. The air was still and the silence was deep. The world was quiet and the peace was still.

1946

1947

1948

The 1st of January 1946, the first of the year, the weather was very cold and the wind was blowing from the north. The snow was deep and the ground was frozen. The trees were bare and the leaves had fallen. The birds were scarce and the animals were huddled together for warmth. The day was long and the night was dark. The stars were bright in the sky and the moon was full. The sun was low in the sky and the light was dim. The air was still and the silence was deep. The world was quiet and the peace was still.

	Percentage change	
	from 1941	from 1943
Eastern regions	- 9.6	+75.2
Central regions	+ 0.6	+58.1
Western regions	+20.1	+86.8

Continuous traffic count data were reported from only two cities in 1941, but reports have been received from others starting in 1944 or 1945. Comparisons of December 1946 traffic in several cities with that of December 1945 are as follows:

6 stations in Chicago, Illinois +30.3 percent
3 stations in Columbus, Ohio +22.8 percent
3 stations in Detroit, Michigan + 4.5 percent
1 station in Duluth, Minnesota + 3.3 percent
6 stations in St. Louis, Missouri +23.6 percent
1 station in Santa Fe, New Mexico +32.4 percent
12 stations in Washington, D. C. +21.5 percent

H. S. FAIRBANK, DEPUTY COMMISSIONER
PUBLIC ROADS ADMINISTRATION

Attachments

REPORT OF THE
COMMISSIONER OF THE
LAND OFFICE

FOR THE YEAR ENDING
31st DECEMBER 1912

THE LAND OFFICE HAS THE HONOUR TO
REPORT THAT THE REVENUE FROM THE
LANDS UNDER ITS MANAGEMENT FOR THE
YEAR ENDING 31st DECEMBER 1912

AMOUNTED TO THE SUM OF £1,234,567
AND THAT THE EXPENDITURE THEREON
WAS £876,543. THE BALANCE
CARRIED FORWARD TO THE YEAR
ENDING 31st DECEMBER 1913

IS £358,024.

1913

TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR DECEMBER 1946 INCLUDING 528 STATIONS IN 39 STATES¹

Type of highway and State	Number of stations	Percentage change from Dec. 1945	Type of highway and State	Number of stations	Percentage change from Dec. 1945
<i>STATE HIGHWAYS</i>			<i>STATE HIGHWAYS</i>		
Alabama	8	+27.2	(Continued)		
Arizona	5	+20.6	Utah	10	+28.4
Arkansas	8	+42.7	Vermont	5	+21.2
California	7	+13.6	Washington	10	+15.5
Colorado	4	+ 6.6	Wisconsin	9	+32.1
Connecticut	16	+36.2	Wyoming	6	+12.2
Florida	19	+20.0			
Georgia	7	+31.2	<i>TOTAL - 39 STATES</i>	501	+28.2
Idaho	8	+22.3			
Iowa	26	+43.1	<i>LOCAL HIGHWAYS</i>		
Kansas	12	+34.9	Alabama	1	+26.5
Kentucky	11	+32.4	Connecticut	3	+38.4
Louisiana	8	+21.9	Georgia	3	+44.8
Maine	10	+21.3	Iowa	8	+37.3
Maryland	17	+30.4	Maryland	1	+43.4
Massachusetts	8	+33.8	Michigan	2	+64.0
Michigan	26	+39.5	Montana	2	+ 3.0
Mississippi	10	+29.3	Nebraska	1	+20.3
Montana	12	+27.4	North Dakota	1	- 5.3
Nebraska	11	+33.8	Ohio	2	+42.7
Nevada	16	+17.8	Oregon	1	+ 0.3
New Hampshire	12	+39.2	Rhode Island	1	+28.7
New Mexico	11	+13.1	Wisconsin	1	+77.4
New York	1	+21.1			
North Carolina	19	+30.9	<i>TOTAL - 13 STATES</i>	27	+32.9
North Dakota	10	+ 9.2			
Ohio	19	+25.7	<i>ALL HIGHWAYS</i>		
Oklahoma	20	+16.0	<i>39 STATES</i>	528	+29.4
Oregon	4	+12.9			
Pennsylvania	29	+45.0	<i>3 EASTERN REGIONS</i>	152	+36.5
Rhode Island	1	+24.0	<i>4 CENTRAL REGIONS</i>	280	+31.5
South Dakota	10	+30.9	<i>2 WESTERN REGIONS</i>	96	+13.0
Tennessee	3	+13.2			
Texas	73	+11.9			

¹Includes all States except Delaware, Illinois, Indiana, Minnesota, Missouri, New Jersey, South Carolina, Virginia and West Virginia.

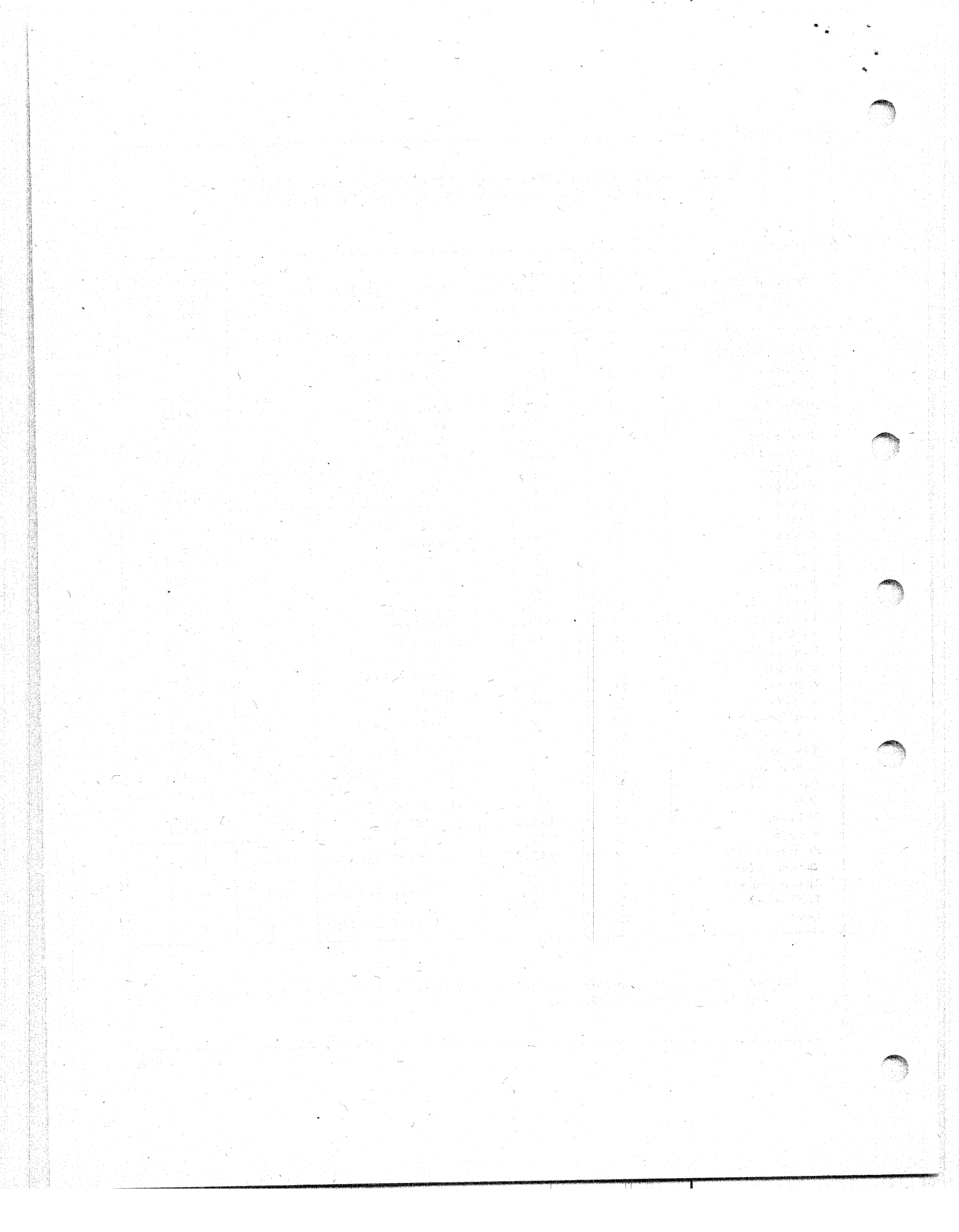


TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
NOVEMBER 1946 INCLUDING 621 STATIONS IN 45 STATES¹

Region and State	Number of stations	Percentage change from Nov. 1945	Region and State	Number of stations	Percentage change from Nov. 1945
NEW ENGLAND			EAST SOUTH CENTRAL		
Connecticut	19	+26.0	Alabama	9	+20.5
Maine	10	+25.3	Kentucky	12	+21.4
Massachusetts	8	+29.0	Mississippi	10	+20.3
New Hampshire	13	+37.4	Tennessee	6	+15.1
Rhode Island	3	+20.3	Subtotal	37	+18.8
Vermont	9	+23.2	WEST SOUTH CENTRAL		
Subtotal	62	+27.4	Arkansas	10	+10.8
MIDDLE ATLANTIC			Louisiana	7	+20.7
New York	1	+24.7	Oklahoma	20	+10.3
Pennsylvania	30	+28.7	Texas	73	+12.7
Subtotal	31	+28.3	Subtotal	110	+12.9
SOUTH ATLANTIC			MOUNTAIN		
Delaware	7	+31.9	Arizona	5	+33.2
Maryland	18	+19.7	Colorado	6	- 4.2
Virginia	3	+18.8	Idaho	8	+ 8.8
West Virginia	11	+22.3	Montana	14	+11.2
Subtotal north portion	39	+21.8	Nevada	16	+ 7.9
Florida	18	+17.8	New Mexico	14	+ 5.7
Georgia	10	+23.7	Utah	10	+10.0
North Carolina	19	+19.6	Wyoming	6	+ 9.2
Subtotal south portion	47	+19.8	Subtotal	79	+10.9
Subtotal region	86	+20.8	PACIFIC		
EAST NORTH CENTRAL			California	7	+17.0
Illinois	5	+25.6	Oregon	5	+28.9
Indiana	22	+23.3	Washington	10	+ 8.9
Michigan	28	+27.7	Subtotal	22	+15.2
Ohio	22	+17.6	TOTAL ALL STATES²	621	+22.0
Wisconsin	10	+28.1	STATE HIGHWAYS²	588	+19.4
Subtotal	87	+24.4	LOCAL HIGHWAYS	33	+29.3
WEST NORTH CENTRAL			3 EASTERN REGIONS	179	+25.2
Iowa	34	+24.3	4 CENTRAL REGIONS	341	+22.8
Kansas	12	+14.4	2 WESTERN REGIONS	101	+14.4
Missouri	27	+ 8.0			
Nebraska	12	+ 9.0			
North Dakota	12	+ 4.5			
South Dakota	10	+ 9.9			
Subtotal	107	+12.8			

¹Combined State and local highways.

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

Date	Description	Debit	Credit
1912			
Jan 1	Balance		100.00
Jan 15	Interest	5.00	
Jan 31	Interest	5.00	
Feb 1	Interest	5.00	
Feb 15	Interest	5.00	
Feb 28	Interest	5.00	
Mar 1	Interest	5.00	
Mar 15	Interest	5.00	
Mar 31	Interest	5.00	
Apr 1	Interest	5.00	
Apr 15	Interest	5.00	
Apr 30	Interest	5.00	
May 1	Interest	5.00	
May 15	Interest	5.00	
May 31	Interest	5.00	
Jun 1	Interest	5.00	
Jun 15	Interest	5.00	
Jun 30	Interest	5.00	
Jul 1	Interest	5.00	
Jul 15	Interest	5.00	
Jul 31	Interest	5.00	
Aug 1	Interest	5.00	
Aug 15	Interest	5.00	
Aug 31	Interest	5.00	
Sep 1	Interest	5.00	
Sep 15	Interest	5.00	
Sep 30	Interest	5.00	
Oct 1	Interest	5.00	
Oct 15	Interest	5.00	
Oct 31	Interest	5.00	
Nov 1	Interest	5.00	
Nov 15	Interest	5.00	
Nov 30	Interest	5.00	
Dec 1	Interest	5.00	
Dec 15	Interest	5.00	
Dec 31	Interest	5.00	
Total		300.00	300.00

TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES IN DECEMBER 1946
COMPARED WITH THOSE IN DECEMBER 1945 AND 1941

Facilities	1946			Percentage change from 1945			Percentage change from 1941		
	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses
EASTERN REGIONS									
4 in the New England States	45,299	39,674	5,625	+17.2	+17.4	+15.9	+3.2	- 1.5	+56.9
16 in the Middle Atlantic States	9,820,392	8,425,695	1,394,697	+46.1	+47.9	+35.7	+23.5	+20.8	+42.1
Fleetwood Viaduct, Westchester County, New York	393,034	393,034	--	+57.6	+57.6	--	+12.0	+12.0	--
Pennsylvania Turnpike	172,727	130,081	42,646	+32.6	+22.5	+77.8	+12.9	+ 2.7	+61.5
in the South Atlantic States	369,128	296,290	72,838	+24.2	+20.1	+44.2	+ 9.6	+ 7.5	+19.2
TOTAL - 27 facilities ¹	10,800,580	9,284,774	1,515,806	+45.2	+46.6	+36.9	+22.2	+19.6	+41.3
TOTAL - 31 facilities	11,745,213	10,131,662	1,613,551	+44.2	+45.8	+35.0			
CENTRAL REGIONS									
3 on the Great Lakes Canadian Border ²	201,328	187,161	14,167	+39.2	+41.1	+18.9	+74.3	+77.1	+44.5
2 in the Great Lakes Region	46,332	34,951	11,381	+30.0	+13.3	+137.0	+10.7	+ 2.9	+44.3
Subtotal - 5 facilities	247,660	222,112	25,548	+37.4	+35.8	+52.8	+57.4	+59.1	+44.4
on the Ohio River	446,383	373,703	72,680	+21.4	+20.9	+24.3	+ 1.5	+ 1.2	+ 3.0
7 on the Mississippi and St. Croix Rivers St. Louis and North	509,594	432,651	76,943	+36.1	+32.6	+60.4	- 7.6	- 8.2	- 3.8
3 on the Mississippi River south of St. Louis	111,742	85,324	26,418	+15.8	+12.2	+29.1	+29.8	+30.6	+27.4
Subtotal - 10 facilities	621,336	517,975	103,361	+32.0	+28.7	+51.1	- 2.5	- 3.5	+ 2.6
3 on the Missouri River	143,459	114,705	28,754	+27.2	+29.5	+18.7	+28.9	+34.1	+11.5
2 in the Missouri River area	3,967	3,207	760	+43.0	+43.0	+42.9	+30.0	+24.3	+61.4
Subtotal - 5 facilities	147,426	117,912	29,514	+27.5	+29.8	+19.2	+28.9	+33.8	+12.4
on the Mexican Border	21,104	20,070	1,034	+25.1	+24.7	+35.2	+97.4	+93.4	+231.4
TOTAL - 26 facilities ¹	1,483,909	1,251,772	232,137	+28.9	+27.5	+37.2	+ 9.1	+ 9.4	+ 7.7
TOTAL - 29 facilities	1,634,596	1,377,067	257,529	+27.6	+27.0	+30.9			
WESTERN REGIONS									
1 in California	2,035,727	1,846,650	189,077	+ 9.3	+ 7.9	+24.4	+30.1	+28.9	+43.1
4 in the Oregon-Washington area	325,419	284,997	40,422	+15.2	+14.1	+23.8	+72.2	+69.7	+92.2
TOTAL - 5 facilities	2,361,146	2,131,647	229,499	+10.1	+ 8.7	+24.3	+34.6	+33.2	+49.8
UNITED STATES									
TOTAL - 58 facilities ¹	14,645,635	12,668,193	1,977,442	+36.4	+36.6	+35.3	+22.5	+20.5	+37.2
TOTAL - 65 facilities	15,740,955	13,640,376	2,100,579	+36.0	+36.5	+33.2			

¹These facilities have comparative data for 1946, 1945, 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.

1. The first part of the document is a list of names and their corresponding addresses. The names are listed in the first column, and the addresses are listed in the second column. The list is organized in a table format with two columns.

Name	Address
John Doe	123 Main St, New York, NY
Jane Smith	456 Elm St, Los Angeles, CA
Robert Johnson	789 Oak St, Chicago, IL
Mary White	101 Pine St, San Francisco, CA
David Brown	202 Cedar St, Boston, MA
Sarah Green	303 Birch St, Philadelphia, PA
Michael Black	404 Spruce St, Washington, DC
Emily Red	505 Willow St, Houston, TX
James Blue	606 Ash St, Phoenix, AZ
Alice Purple	707 Hickory St, Dallas, TX
Thomas Yellow	808 Maple St, San Antonio, TX
Olivia Grey	909 Poplar St, San Diego, CA
Benjamin White	1010 Sycamore St, Austin, TX
Isabella Black	1111 Chestnut St, Fort Worth, TX
Ethan Red	1212 Walnut St, Columbus, OH
Sophia Blue	1313 Olive St, Indianapolis, IN
Lucas Green	1414 Elm St, Nashville, TN
Charlotte Yellow	1515 Maple St, Memphis, TN
Henry Purple	1616 Birch St, Louisville, KY
Aria Grey	1717 Spruce St, Richmond, VA
Sebastian White	1818 Ash St, Raleigh, NC
Layla Black	1919 Willow St, Durham, NC
Julian Red	2020 Cedar St, Winston-Salem, NC
Skylar Blue	2121 Pine St, Charlotte, NC
Grayson Green	2222 Oak St, Greensboro, NC
Brooklyn Yellow	2323 Elm St, Winston-Salem, NC
Isaac Purple	2424 Maple St, Raleigh, NC
Chloe Grey	2525 Birch St, Durham, NC
Wyatt White	2626 Spruce St, Charlotte, NC
Zoe Black	2727 Ash St, Winston-Salem, NC
Levi Red	2828 Willow St, Greensboro, NC
Madelyn Blue	2929 Cedar St, Raleigh, NC
Lincoln Green	3030 Pine St, Durham, NC
Alexis Yellow	3131 Oak St, Charlotte, NC
Robert Purple	3232 Elm St, Winston-Salem, NC
Isabella Grey	3333 Maple St, Greensboro, NC
Thomas White	3434 Birch St, Raleigh, NC
Olivia Black	3535 Spruce St, Durham, NC
Benjamin Red	3636 Ash St, Charlotte, NC
Sophia Blue	3737 Willow St, Winston-Salem, NC
Lucas Green	3838 Cedar St, Greensboro, NC
Charlotte Yellow	3939 Pine St, Raleigh, NC
Henry Purple	4040 Oak St, Durham, NC
Aria Grey	4141 Elm St, Charlotte, NC
Sebastian White	4242 Maple St, Winston-Salem, NC
Layla Black	4343 Birch St, Greensboro, NC
Julian Red	4444 Spruce St, Raleigh, NC
Skylar Blue	4545 Ash St, Durham, NC
Grayson Green	4646 Willow St, Charlotte, NC
Brooklyn Yellow	4747 Cedar St, Winston-Salem, NC
Isaac Purple	4848 Pine St, Greensboro, NC
Chloe Grey	4949 Oak St, Raleigh, NC
Wyatt White	5050 Elm St, Durham, NC
Zoe Black	5151 Maple St, Charlotte, NC
Levi Red	5252 Birch St, Winston-Salem, NC
Madelyn Blue	5353 Spruce St, Greensboro, NC
Lincoln Green	5454 Ash St, Raleigh, NC
Alexis Yellow	5555 Willow St, Durham, NC
Robert Purple	5656 Cedar St, Charlotte, NC
Isabella Grey	5757 Pine St, Winston-Salem, NC
Thomas White	5858 Oak St, Greensboro, NC
Olivia Black	5959 Elm St, Raleigh, NC
Benjamin Red	6060 Maple St, Durham, NC
Sophia Blue	6161 Birch St, Charlotte, NC
Lucas Green	6262 Spruce St, Winston-Salem, NC
Charlotte Yellow	6363 Ash St, Greensboro, NC
Henry Purple	6464 Willow St, Raleigh, NC
Aria Grey	6565 Cedar St, Durham, NC
Sebastian White	6666 Pine St, Charlotte, NC
Layla Black	6767 Oak St, Winston-Salem, NC
Julian Red	6868 Elm St, Greensboro, NC
Skylar Blue	6969 Maple St, Raleigh, NC
Grayson Green	7070 Birch St, Durham, NC
Brooklyn Yellow	7171 Spruce St, Charlotte, NC
Isaac Purple	7272 Ash St, Winston-Salem, NC
Chloe Grey	7373 Willow St, Greensboro, NC
Wyatt White	7474 Cedar St, Raleigh, NC
Zoe Black	7575 Pine St, Durham, NC
Levi Red	7676 Oak St, Charlotte, NC
Madelyn Blue	7777 Elm St, Winston-Salem, NC
Lincoln Green	7878 Maple St, Greensboro, NC
Alexis Yellow	7979 Birch St, Raleigh, NC
Robert Purple	8080 Spruce St, Durham, NC
Isabella Grey	8181 Ash St, Charlotte, NC
Thomas White	8282 Willow St, Winston-Salem, NC
Olivia Black	8383 Cedar St, Greensboro, NC
Benjamin Red	8484 Pine St, Raleigh, NC
Sophia Blue	8585 Oak St, Durham, NC
Lucas Green	8686 Elm St, Charlotte, NC
Charlotte Yellow	8787 Maple St, Winston-Salem, NC
Henry Purple	8888 Birch St, Greensboro, NC
Aria Grey	8989 Spruce St, Raleigh, NC
Sebastian White	9090 Ash St, Durham, NC
Layla Black	9191 Willow St, Charlotte, NC
Julian Red	9292 Cedar St, Winston-Salem, NC
Skylar Blue	9393 Pine St, Greensboro, NC
Grayson Green	9494 Oak St, Raleigh, NC
Brooklyn Yellow	9595 Elm St, Durham, NC
Isaac Purple	9696 Maple St, Charlotte, NC
Chloe Grey	9797 Birch St, Winston-Salem, NC
Wyatt White	9898 Spruce St, Greensboro, NC
Zoe Black	9999 Ash St, Raleigh, NC

The second part of the document is a list of names and their corresponding addresses. The names are listed in the first column, and the addresses are listed in the second column. The list is organized in a table format with two columns.

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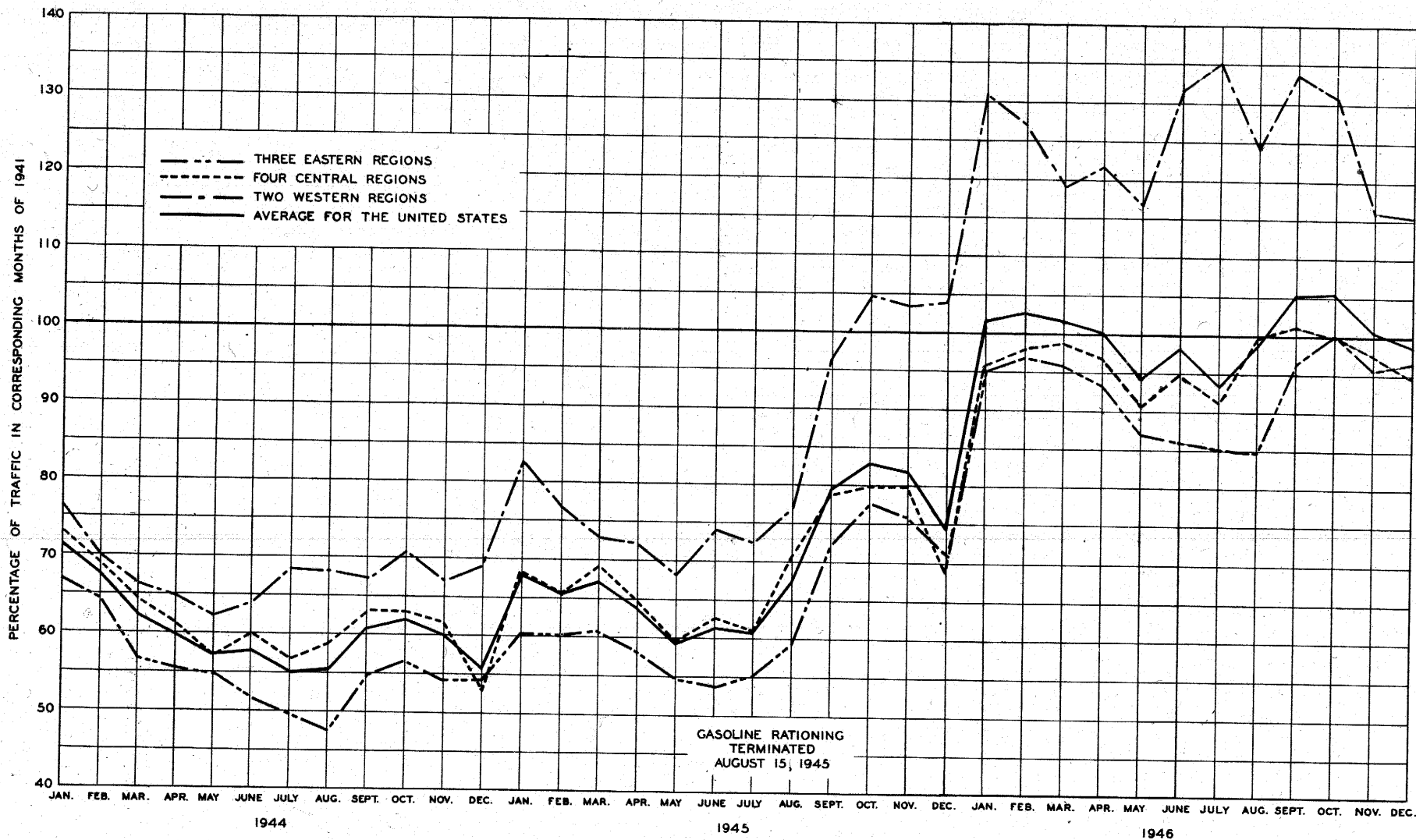


FIGURE I.— PERCENTAGE RELATIONS OF RURAL TRAFFIC IN MONTHS OF 1944, 1945 AND 1946 WITH THAT IN CORRESPONDING MONTHS OF 1941.

THE UNIVERSITY OF CHICAGO PRESS
530 N. Dearborn Street, Chicago, Ill. 60610
U.S.A. and 100 Brook Hill Drive, West Nyack, N.Y. 10994

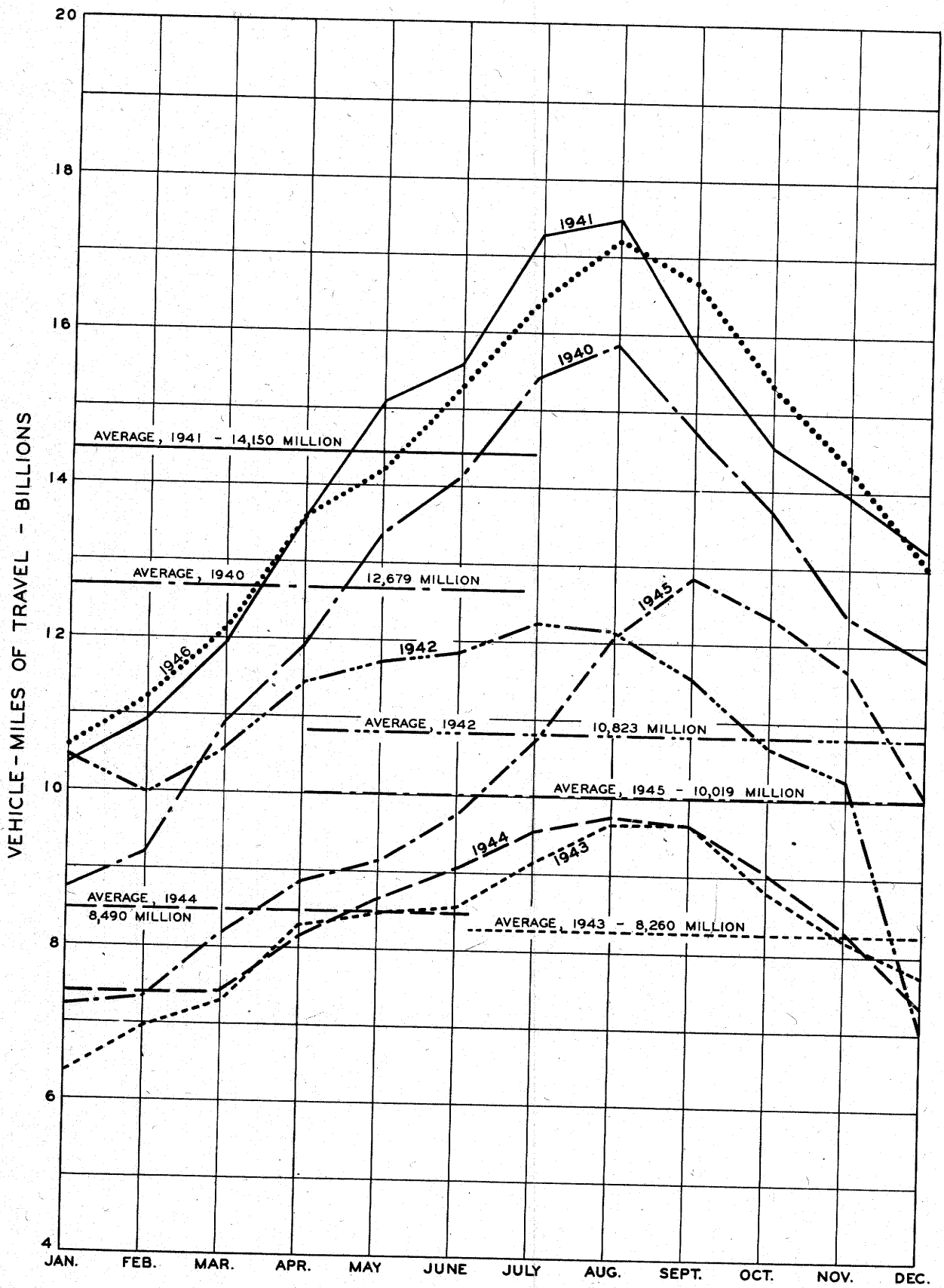


FIGURE 2.- VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS 1940 TO 1946 BY MONTHS.

