

PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY
WASHINGTON 25, D. C.

INFORMATIONAL MEMORANDUM NO. 64

DATE: MAY 31, 1944

SUBJECT: TRAFFIC VOLUME TRENDS

Preliminary data for April 1944 indicated that traffic on rural roads was slightly less than in April 1943. Traffic in the eastern portion of the country decreased 0.6 percent; that in the central portion decreased 6.1 percent; while that in the western section diminished 5.0 percent. In the entire country, rural traffic fell off 4.2 percent from that estimated for April 1943.

In Detroit, Michigan, traffic counted at three stations in April 1944 was 7.7 percent below the count at the same locations in this month in 1943.

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

Attachments.

CONFIDENTIAL - SECURITY INFORMATION

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TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR APRIL 1944 INCLUDING 563 STATIONS IN 42 STATES¹

Type of highway and State	Number of stations	Percentage change from April 1943	Type of highway and State	Number of stations	Percentage change from April 1943
<i>STATE HIGHWAYS</i>			<i>STATE HIGHWAYS (Continued)</i>		
Alabama	7	+ 5.4	Vermont	7	+ 7.4
Arizona	5	+ 5.8	Virginia	6	-13.3
Arkansas	21	- 8.1	Washington	9	-11.3
California	9	+ 3.0	West Virginia	11	- 5.2
Colorado	5	-15.4	Wisconsin	9	- 7.9
Connecticut	17	- 4.3	Wyoming	4	-18.0
Delaware	4	-11.5			
Idaho	7	+ 0.5			
Illinois	3	- 9.4	<i>TOTAL - 42 STATES</i>	532	- 5.3
Iowa	25	-12.7			
Kansas	8	- 4.5	<i>LOCAL HIGHWAYS</i>		
Kentucky	13	- 3.6	Alabama ²	2	+49.1
Louisiana ²	8	+13.9	Connecticut	3	- 1.5
Maine	10	+ 4.8	Iowa	10	-17.3
Maryland	16	+ 4.9	Maryland	1	+15.6
Massachusetts	8	+ 4.8	Massachusetts	1	-13.6
Michigan	26	-12.1	Michigan	2	- 3.0
Mississippi	10	+ 2.3	Montana	2	+ 7.6
Montana	12	- 3.3	Nebraska	1	-18.8
Nebraska	11	-13.3	North Dakota	2	+11.7
Nevada ²	12	-29.8	Ohio	1	+ 2.6
New Hampshire	17	- 3.0	Oregon	1	+12.3
New Mexico	13	+ 3.8	Rhode Island	1	-33.7
New York	10	+ 1.1	Tennessee	2	+ 3.8
North Carolina	20	+ 0.5	Wisconsin	2	- 5.7
North Dakota	9	+ 9.2			
Ohio	27	- 5.9	<i>TOTAL - 14 STATES</i>	31	- 1.2
Oklahoma	20	- 6.7			
Oregon	3	- 5.3	<i>ALL HIGHWAYS</i>		
Pennsylvania	30	- 1.8	<i>42 STATES</i>	563	- 4.2
Rhode Island	3	+ 3.3			
South Carolina	5	+ 6.1	<i>3 EASTERN REGIONS</i>	170	- 0.6
South Dakota	10	- 2.9	<i>4 CENTRAL REGIONS</i>	303	- 6.1
Tennessee	4	- 8.4	<i>2 WESTERN REGIONS</i>	90	- 5.0
Texas	70	- 1.7			
Utah	8	- 9.6			

¹Includes all States except Florida, Georgia, Indiana, Minnesota, Missouri, and New Jersey.

²Abnormal conditions in 1943 or 1944 affected 3 counts in the following States: Alabama (Local Highway), excluding station 3 there is a decrease of 3.5 percent. Louisiana, excluding station 23 the increase is 1.9 percent. Nevada, excluding station 110 the decrease is 2.1 percent.

Date	Description	Amount	Balance
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TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR MARCH 1944
INCLUDING 627 STATIONS IN 46 STATES¹

Region and State	Number of stations	Percentage change from March 1943	Region and State	Number of stations	Percentage change from March 1943
<i>NEW ENGLAND</i>			<i>EAST SOUTH CENTRAL</i>		
Connecticut	20	+ 3.6	Alabama	9	+10.6
Maine	11	+ 8.3	Kentucky	13	+ 0.6
Massachusetts	8	+ 7.3	Mississippi	10	+12.6
New Hampshire	10	- 0.8	Tennessee ²	5	+26.9
Rhode Island	4	+ 1.5	Subtotal	37	+ 9.8
Vermont	7	+ 3.0	<i>WEST SOUTH CENTRAL</i>		
Subtotal	60	+ 4.7	Arkansas	21	- 0.1
<i>MIDDLE ATLANTIC</i>			Louisiana ²	8	+30.8
New York	11	+ 2.5	Oklahoma	20	+ 3.4
Pennsylvania	30	- 1.6	Texas	69	+ 4.8
Subtotal	41	- 0.2	Subtotal	118	+ 6.7
<i>SOUTH ATLANTIC</i>			<i>MOUNTAIN</i>		
Delaware	4	-11.6	Arizona	4	+ 5.1
Maryland	17	+ 4.9	Colorado	5	-11.3
Virginia	5	-13.5	Idaho ²	7	+ 8.5
West Virginia	10	- 5.3	Montana	14	+ 2.8
Subtotal north portion	36	- 2.6	Nevada ²	12	-23.1
Florida	19	+11.8	New Mexico	13	+ 4.5
Georgia	10	+10.0	Utah	8	- 8.8
North Carolina	19	+ 6.9	Wyoming	3	-11.4
South Carolina	3	+11.3	Subtotal	66	- 5.2
Subtotal south portion	51	+ 9.4	<i>PACIFIC</i>		
Subtotal region	87	+ 4.1	California	10	+ 9.3
<i>EAST NORTH CENTRAL</i>			Oregon	4	- 2.2
Illinois	2	+ 4.7	Washington	9	- 5.7
Indiana	23	- 2.5	Subtotal	23	+ 1.8
Michigan	28	- 8.4	<i>TOTAL ALL STATES¹</i>	627	+ 0.1
Ohio	26	- 8.0	<i>STATE HIGHWAYS¹</i>	589	+ 0.7
Wisconsin	10	- 4.2	<i>LOCAL HIGHWAYS</i>	38	- 1.6
Subtotal	89	- 6.4	<i>3 EASTERN REGIONS</i>	188	+ 2.5
<i>WEST NORTH CENTRAL</i>			<i>4 CENTRAL REGIONS</i>	350	- 1.1
Iowa	36	-14.2	<i>2 WESTERN REGIONS</i>	89	- 0.6
Kansas ²	9	+ 3.4			
Missouri	27	- 5.5			
Nebraska	12	- 8.6			
North Dakota	12	+11.9			
South Dakota	10	- 2.8			
Subtotal	106	- 6.7			

¹Includes all States except the following: Minnesota and New Jersey.

²Abnormal conditions in 1943 or 1944 affect 5 counts in the following States: Idaho, excluding station 7, the increase is 0.1 percent. Kansas, excluding station 10, there is a decrease of 6.5 percent. Louisiana, excluding station 23, the increase is 11.0 percent. Nevada, excluding station 110, the decrease is 2.2 percent. Tennessee, excluding station 6, the increase is 12.1 percent.

UNITED STATES DEPARTMENT OF AGRICULTURE

STATISTICAL DIVISION

Year	Value	Percentage	Value	Percentage	Value	Percentage
1910	100	100	100	100	100	100
1911	105	105	105	105	105	105
1912	110	110	110	110	110	110
1913	115	115	115	115	115	115
1914	120	120	120	120	120	120
1915	125	125	125	125	125	125
1916	130	130	130	130	130	130
1917	135	135	135	135	135	135
1918	140	140	140	140	140	140
1919	145	145	145	145	145	145
1920	150	150	150	150	150	150
1921	155	155	155	155	155	155
1922	160	160	160	160	160	160
1923	165	165	165	165	165	165
1924	170	170	170	170	170	170
1925	175	175	175	175	175	175
1926	180	180	180	180	180	180
1927	185	185	185	185	185	185
1928	190	190	190	190	190	190
1929	195	195	195	195	195	195
1930	200	200	200	200	200	200

Source: Bureau of Economic Warfare, Department of War, Washington, D.C., 1945.

TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES AND DRAWBRIDGES
IN APRIL 1944 COMPARED WITH THOSE IN APRIL 1943 AND 1941

Facilities	April 1944			Percentage change from 1943			Percentage change from 1941		
	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses
<i>THREE EASTERN REGIONS</i>									
3 in the New England States	26,726	24,098	2,628	- 2.4	- 1.1	-13.0	-30.9	-32.5	-11.6
10 in the Middle Atlantic States	3,607,407	2,834,668	772,739	+ 6.1	+ 9.1	- 3.8	-22.4	-26.5	- 1.9
Fleetwood Viaduct, Westchester County, New York	143,033	143,033	--	+24.3	+24.3	--	-67.7	-67.7	--
Pennsylvania Turnpike	80,757	56,614	24,143	+ 4.3	+12.6	-11.0	-56.1	-65.0	+ 9.4
7 in the South Atlantic States	299,864	224,220	75,644	- 7.4	- 5.4	-12.7	-38.1	-45.6	+ 4.6
TOTAL - 22 facilities in the eastern States ¹	4,157,787	3,282,633	875,154	+ 5.4	+ 8.5	- 4.9	-28.3	-33.2	- 1.1
TOTAL - 26 facilities in the Eastern States	4,436,026	3,519,071	916,955	+ 5.6	+ 8.4	- 4.1			
<i>FOUR CENTRAL REGIONS</i>									
6 on the Great Lakes Canadian Border ²	269,481	231,516	37,965	+28.2	+30.8	+14.4	- 4.2	- 8.8	+38.9
2 in the Great Lakes Region	47,039	30,604	16,435	-13.6	-15.8	- 9.1	-48.2	-54.6	-29.9
Subtotal - 8 facilities	316,520	262,120	54,400	+19.6	+22.8	+ 6.0	-15.0	-18.4	+ 7.2
8 on the Ohio River ³	650,236	547,178	103,058	- 5.3	- 6.2	- 0.1	-26.6	-27.6	-20.7
10 in Kentucky	132,112	103,885	28,227	+ 8.5	+ 8.0	+10.2	-13.8	-18.5	+ 9.0
Subtotal - 18 facilities	782,348	651,063	131,285	- 3.2	- 4.2	+ 2.0	-24.7	-26.3	-15.8
7 in Tennessee	125,366	95,441	29,925	+13.5	+20.5	- 4.1	--	--	--
9 on the Mississippi and St. Croix Rivers, St. Louis and north	827,867	646,797	181,070	- 8.9	- 6.5	-16.6	-32.9	-34.8	-25.0
3 on the Mississippi River south of St. Louis	60,650	44,943	15,707	+15.0	+14.5	+16.6	-14.9	-16.5	- 9.9
Subtotal - 12 facilities	888,517	691,740	196,777	- 7.6	- 5.4	-14.7	-31.9	-33.9	-24.0
3 on the Missouri River	90,020	68,025	21,995	- 6.1	- 7.0	- 3.0	- 7.9	- 9.2	- 3.8
2 in the Missouri River area	2,083	1,571	512	- 4.2	-10.7	+23.7	-48.0	-52.1	-29.3
Subtotal - 5 facilities	92,103	69,596	22,507	- 6.0	- 7.1	- 2.5	-9.5	-11.0	- 4.6
TOTAL - 43 facilities in the Central States ¹	2,079,488	1,674,519	404,969	- 2.5	- 1.4	- 6.6	-26.2	-28.1	-17.2
TOTAL - 54 facilities in the Central States	2,377,939	1,919,256	458,683	- 1.6	- 0.4	- 6.6			
<i>TWO WESTERN REGIONS</i>									
4 in California	1,913,933	1,669,965	243,968	- 6.5	- 7.8	+ 2.9	-11.0	-15.4	+38.1
4 in the Oregon-Washington area	183,030	155,212	27,818	+0.04 ⁴	+ 0.2	- 0.9	+ 5.6	+ 0.9	+42.3
TOTAL - 8 facilities in the Western States	2,096,963	1,825,177	271,786	- 6.0	- 7.1	+ 2.5	- 9.7	-14.2	+38.5
TOTAL - 73 facilities in the United States ¹	8,334,238	6,782,329	1,551,909	+ 0.3	+ 1.4	- 4.1	-23.8	-27.6	- 1.2
TOTAL - 88 facilities in the United States	8,910,928	7,263,504	1,647,424	+ 0.7	+ 1.8	- 3.8			
4 facilities reporting only total traffic	152,375			+ 2.6					
32 drawbridges in eastern North Carolina (not toll) based on one 8-hour week- day count at each bridge	16,565	13,058	3,507	-8.3	- 5.0	-18.7	-20.6	-21.3	-17.5

¹ These facilities have comparative data for 1944, 1943, and 1941 and are included in the larger total below.
² Three of the facilities are in western New York and therefore are related to similar facilities in the Central States.
³ Four of the facilities are between Ohio and West Virginia.
⁴ Less than 0.05 percent.

THE UNIVERSITY OF CHICAGO

Department of Chemistry
Chicago, Illinois

Dear Sirs:

I have the pleasure to inform you that your application for admission to the Ph.D. program in Chemistry has been accepted. You will be admitted to the program in the fall semester of 1964. Your advisor will be Professor [Name].

Yours sincerely,
[Name]

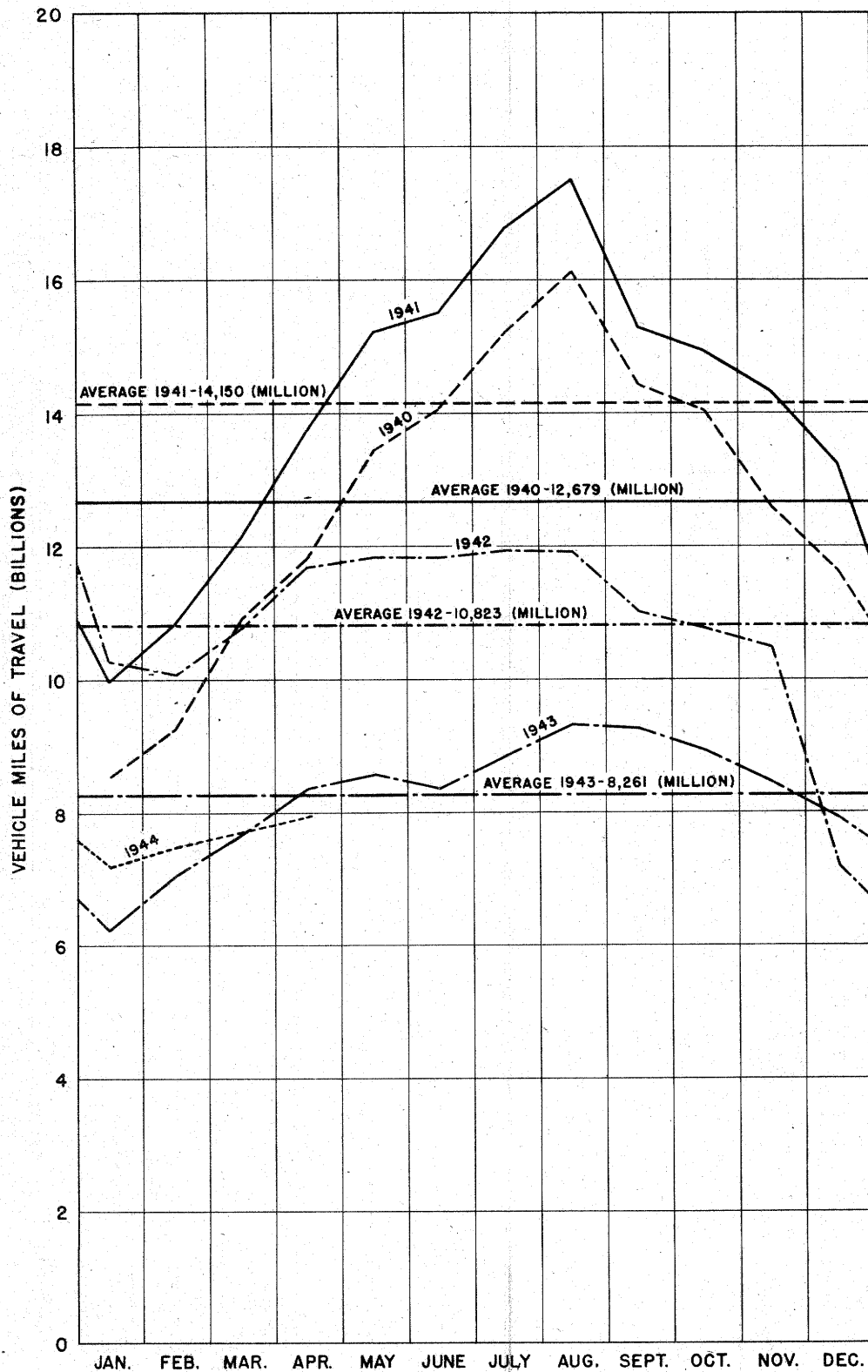
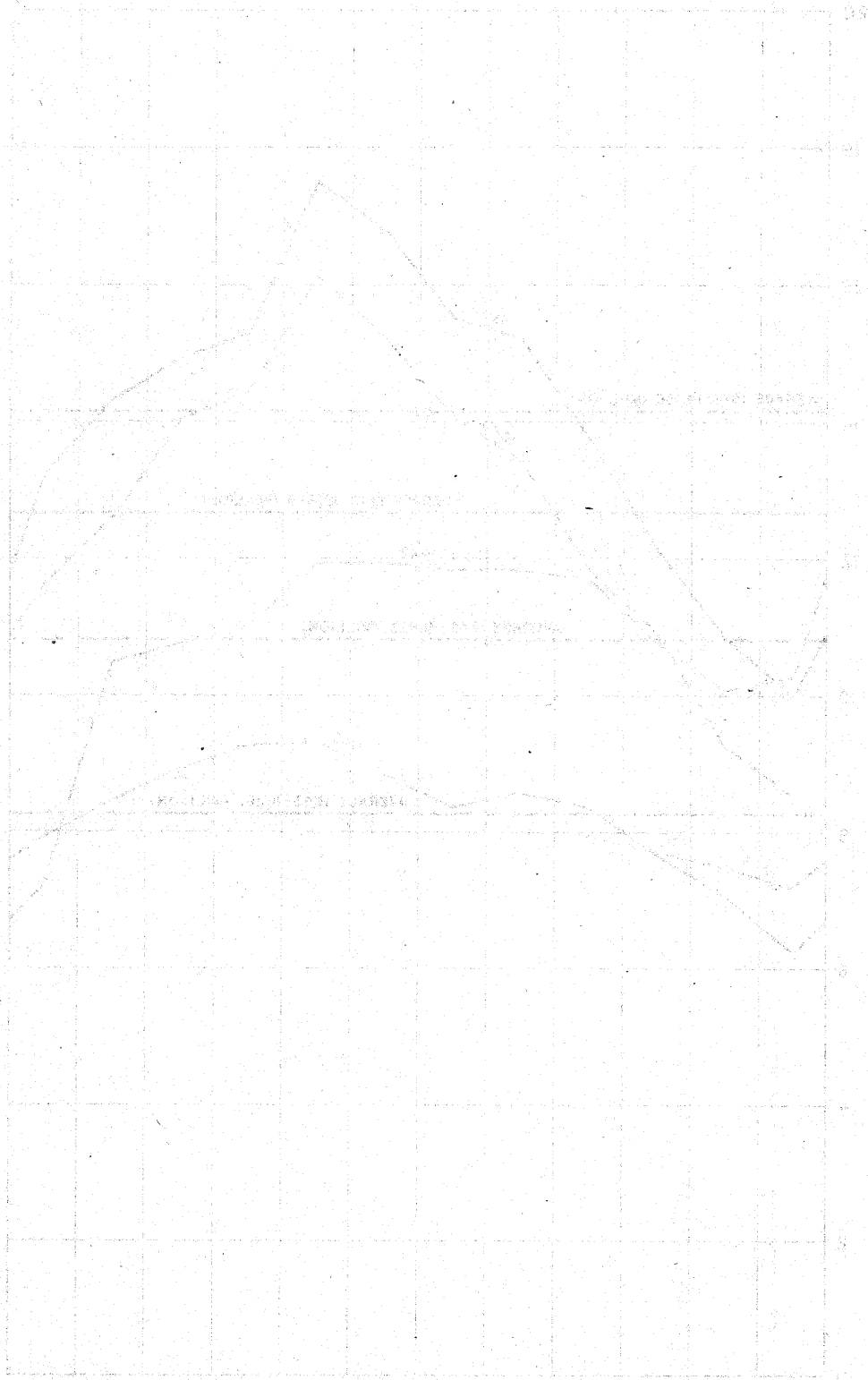


FIGURE I. VEHICLE MILES OF TRAVEL ON ALL RURAL ROADS 1940 TO 1944 BY MONTHS



1940 1941 1942 1943 1944

FIGURE 1. VEHICLE MILES OF TRAVEL ON ALL RURAL ROADS 1940 TO 1944 BY MONTH

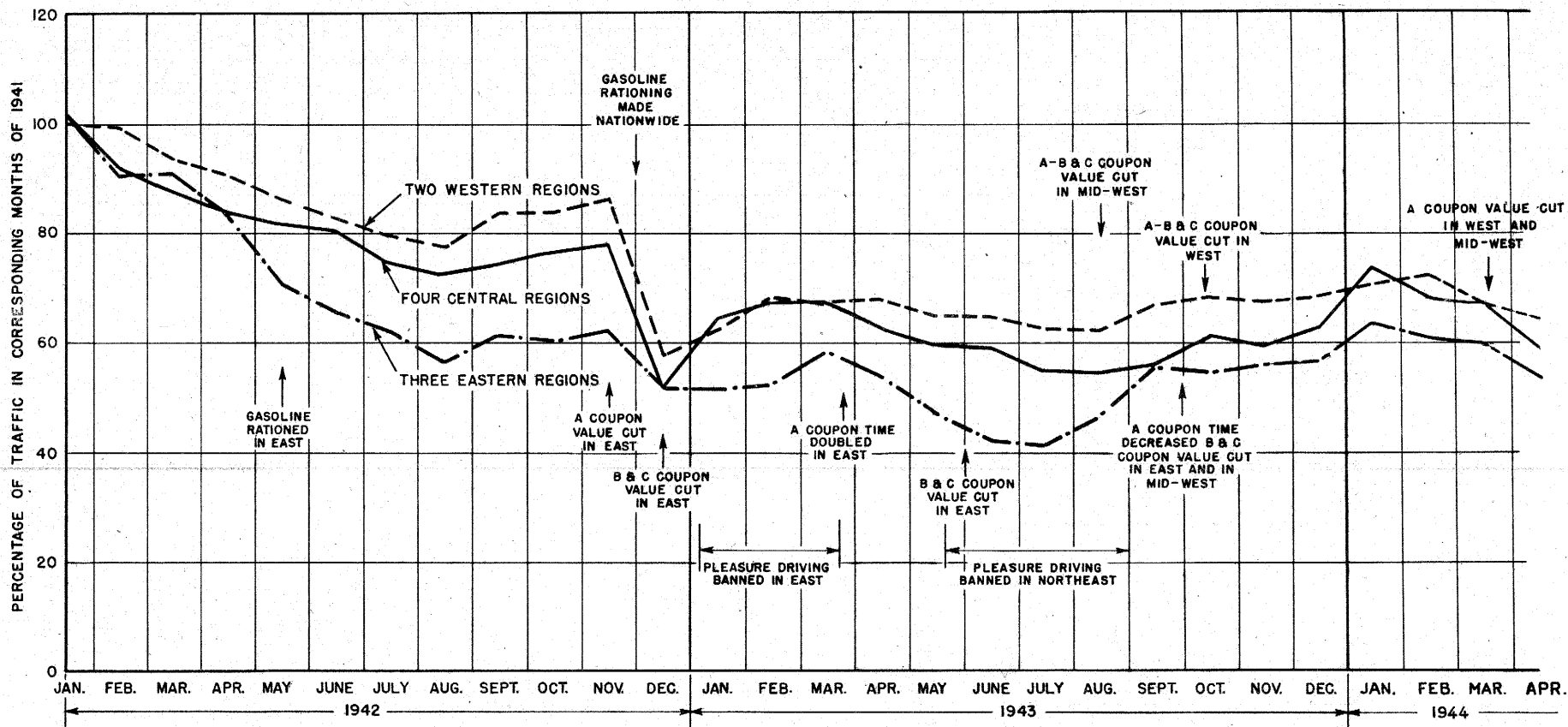


FIGURE 2. PERCENTAGE RELATIONS OF RURAL TRAFFIC IN MONTHS OF 1942, 1943, AND 1944 WITH THAT IN CORRESPONDING MONTHS OF 1941

THESE DIVISIONS BELONG TO THE BUREAU OF THE ARMY AND NAVY



FIGURE 1. HULL PROFILE OF THE BUREAU OF THE ARMY AND NAVY