

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

INFORMATIONAL MEMORANDUM NO. 68

DATE: JULY 29, 1944

SUBJECT: TRAFFIC VOLUME TRENDS

Preliminary data for June 1944 indicate that traffic on rural roads is slightly higher than in the corresponding month of 1943. Traffic in the eastern portion of the country increased 19.9 percent, while that in the central portion decreased 4.3 percent, and that in the western section decreased 5.6 percent. In interpreting these figures, it should be borne in mind that during June 1943 (as was the case in May) a pleasure-driving ban was in effect in the northeast, and the increase shown for June 1944 traffic is due in large part to the fact that no similar ban was in effect during June of this year.

In Detroit, Michigan, traffic counted at three stations in June 1944 was 0.9 percent below the count at the same locations in the corresponding month in 1943.

H. S. FAIRBANK, DEPUTY COMMISSIONER  
PUBLIC ROADS ADMINISTRATION

Attachments

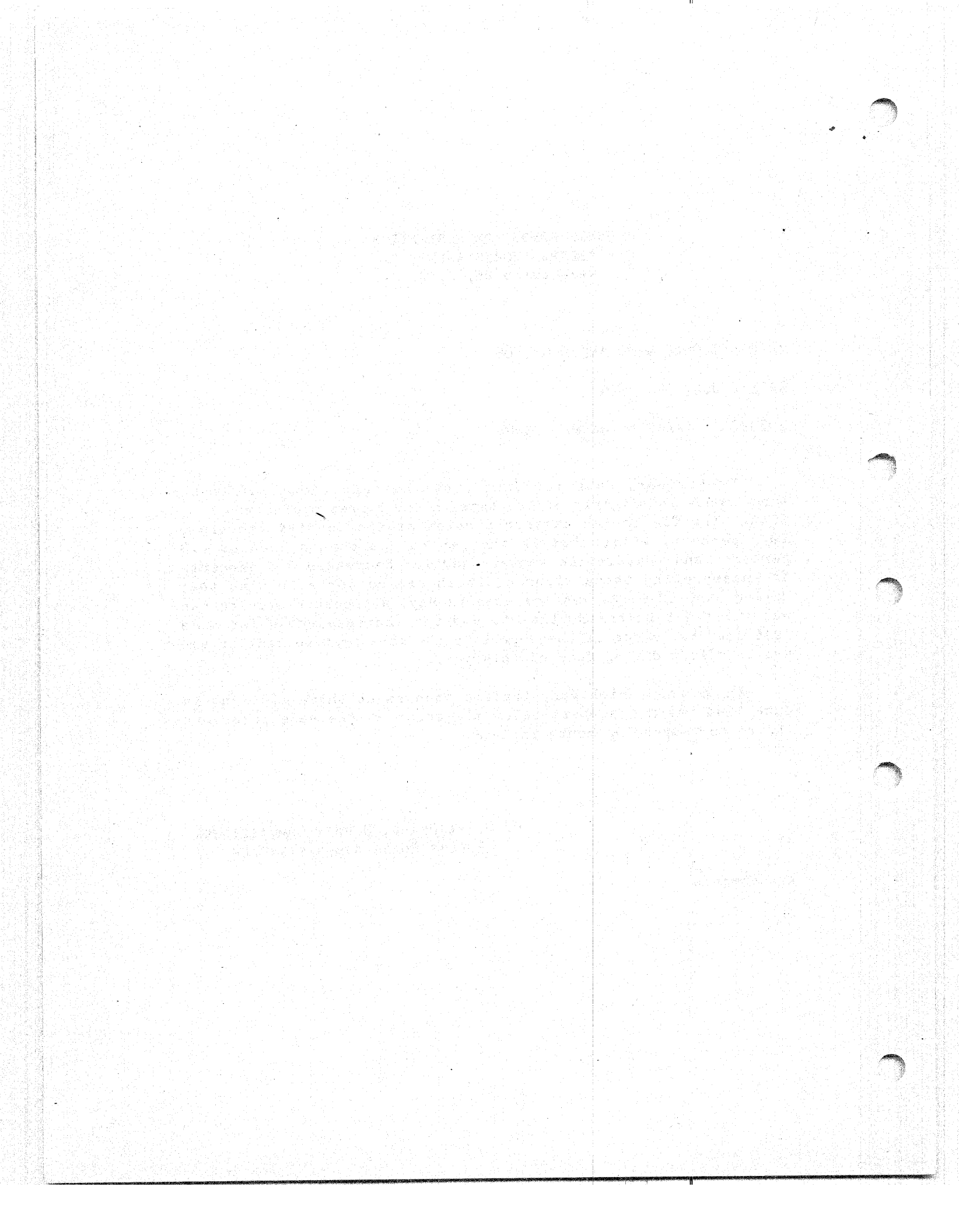


TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR  
JUNE 1944 INCLUDING 542 STATIONS IN 41 STATES<sup>1</sup>

Type of highway and State	Number of stations	Percentage change from June 1943	Type of highway and State	Number of stations	Percentage change from June 1943
<i>STATE HIGHWAYS</i>			<i>STATE HIGHWAYS (Continued)</i>		
Alabama	6	- 4.4	Virginia	6	+15.2
Arizona	5	+ 2.5	Washington	9	-11.9
Arkansas	20	- 6.5	West Virginia	10	- 5.9
California	9	- 2.7	Wisconsin	9	+ 2.2
Colorado	6	- 3.5	Wyoming	4	-10.2
Connecticut	17	+35.5			
Delaware	4	+35.6			
Idaho	6	- 5.7	<i>TOTAL - 41 STATES</i>	513	+ 1.0
Illinois	4	- 3.3			
Iowa	26	-11.3	<i>LOCAL HIGHWAYS</i>		
Kansas	9	+ 6.4	Alabama <sup>2</sup>	2	+34.7
Kentucky	10	- 0.4	Connecticut	3	+28.6
Louisiana	8	- 9.1	Iowa <sup>2</sup>	9	- 8.8
Maine	10	+21.0	Maryland	1	+22.9
Maryland	16	+36.4	Massachusetts	1	-46.7
Massachusetts	8	+33.4	Michigan	2	+ 7.7
Michigan	26	-10.4	Montana	2	- 6.8
Mississippi	9	+ 6.4	Nebraska	1	+54.4
Montana	12	+ 3.3	North Dakota	2	- 1.9
Nebraska	11	- 7.6	Ohio	1	+ 8.5
Nevada <sup>2</sup>	12	-27.0	Oregon	1	+14.1
New Hampshire	20	+30.3	Rhode Island	1	- 9.7
New Mexico	13	+ 0.5	Tennessee	1	+28.7
North Carolina	19	+ 1.9	Wisconsin	2	- 8.8
North Dakota	8	- 2.8			
Ohio	20	- 2.6	<i>TOTAL - 14 STATES</i>	29	+ 7.5
Oklahoma	20	- 6.4			
Oregon	3	+ 1.7	<i>ALL HIGHWAYS</i>		
Pennsylvania	30	+24.5	<i>41 STATES</i>	542	+ 2.8
Rhode Island	3	+22.3			
South Carolina	6	+ 6.4	<i>3 EASTERN REGIONS</i>	161	+19.9
South Dakota	10	+ 3.2	<i>4 CENTRAL REGIONS</i>	291	- 4.3
Tennessee	4	-18.2	<i>2 WESTERN REGIONS</i>	90	- 5.6
Texas	71	+ 0.7			
Utah	8	- 1.5			
Vermont	6	+31.7			

<sup>1</sup>Includes all States except Florida, Georgia, Indiana, Minnesota, Missouri, New Jersey, and New York.

<sup>2</sup>Abnormal conditions in 1943 or 1944 affected 3 counts in the following States: Alabama, excluding station 3, the increase on local roads is 1.2 percent; Iowa, excluding station 612, the decrease on local roads is 1.5 percent; and Nevada, excluding station 110, there is an increase of 2.1 percent.

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COUNTY OF [ ]

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Subscribed and sworn to before me this [ ] day of [ ] 19[ ]

Notary Public in and for the State of Texas

TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR MAY 1944  
INCLUDING 621 STATIONS IN 45 STATES<sup>1</sup>

Region and State	Number of stations	Percent change from May 1943	Region and State	Number of stations	Percent change from May 1943
<i>NEW ENGLAND</i>			<i>EAST SOUTH CENTRAL</i>		
Connecticut	20	+11.8	Alabama	9	- 0.4
Maine	10	+ 9.5	Kentucky	10	- 9.6
Massachusetts	9	+19.1	Mississippi	10	+ 2.1
New Hampshire	20	+15.2	Tennessee <sup>2</sup>	5	-21.4
Rhode Island	4	+ 6.1	<i>Subtotal</i>	34	- 5.9
Vermont	7	+18.5	<i>WEST SOUTH CENTRAL</i>		
<i>Subtotal</i>	70	+13.8	Arkansas	19	- 7.1
<i>MIDDLE ATLANTIC</i>			Louisiana	8	- 2.8
New York	11	+23.0	Oklahoma	20	- 0.8
Pennsylvania	30	+11.1	Texas	70	- 0.9
<i>Subtotal</i>	41	+15.2	<i>Subtotal</i>	117	- 1.6
<i>SOUTH ATLANTIC</i>			<i>MOUNTAIN</i>		
Delaware	4	+ 2.9	Arizona	4	+ 8.4
Maryland	17	+18.7	Colorado	6	- 5.0
Virginia	6	+ 3.5	Idaho <sup>2</sup>	6	- 8.3
West Virginia	11	- 3.6	Montana	14	+ 1.3
<i>Subtotal north portion</i>	38	+ 9.4	Nevada <sup>2</sup>	12	-26.6
Florida	18	+ 6.0	New Mexico	12	+13.0
North Carolina	20	- 0.5	Utah	9	- 2.1
South Carolina	3	+ 4.9	Wyoming	4	- 8.4
<i>Subtotal south portion</i>	41	+ 2.5	<i>Subtotal</i>	67	- 2.7
<i>Subtotal region</i>	79	+ 5.5	<i>PACIFIC</i>		
<i>EAST NORTH CENTRAL</i>			California	10	- 1.8
Illinois	5	- 8.5	Oregon	3	- 5.0
Indiana	23	- 7.6	Washington	9	-11.4
Michigan	28	- 8.0	<i>Subtotal</i>	22	- 6.0
Ohio	22	- 5.0	<i>TOTAL ALL STATES</i> <sup>1</sup>	621	- 0.3
Wisconsin	11	- 1.3	<i>STATE HIGHWAYS</i> <sup>1</sup>	586	- 1.5
<i>Subtotal</i>	89	- 6.4	<i>LOCAL HIGHWAYS</i>	35	+ 2.8
<i>WEST NORTH CENTRAL</i>			<i>3 EASTERN REGIONS</i>	190	+10.6
Iowa	35	-13.3	<i>4 CENTRAL REGIONS</i>	342	- 5.0
Kansas <sup>2</sup>	9	+ 7.4	<i>2 WESTERN REGIONS</i>	89	- 4.9
Missouri	27	- 4.8			
Nebraska	12	- 9.3			
North Dakota	11	+ 6.5			
South Dakota	8	+ 1.7			
<i>Subtotal</i>	102	- 5.8			

<sup>1</sup>Includes all States except the following: Georgia, Minnesota, and New Jersey.

<sup>2</sup>Abnormal conditions in 1943 or 1944 affected four counts in the following States: Idaho, excluding station 3, there is an increase of 1.4 percent. Kansas, excluding station 10, there is a decrease of 0.8 percent. Nevada, excluding station 110, the decrease is 0.8 percent. Tennessee, excluding station 6, the decrease is 2.3 percent.

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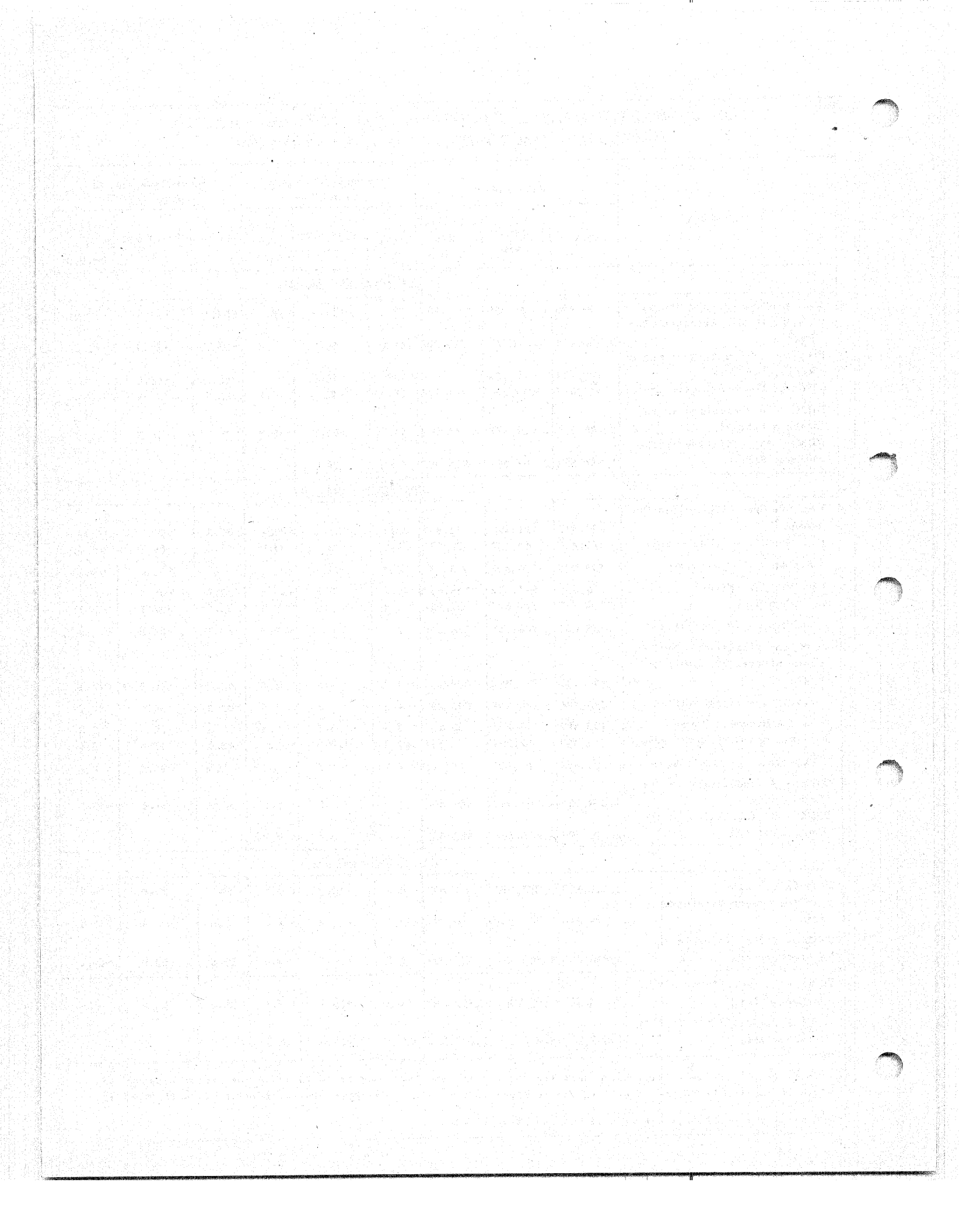
TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES  
IN JUNE 1944 COMPARED WITH THOSE IN JUNE 1943 AND 1941

Facilities	June 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>									
2 in the New England States	29,429	26,269	3,160	+15.6	+15.2	+19.4	-54.5	-57.1	- 8.0
7 in the Middle Atlantic States									
States	2,860,414	2,169,206	691,208	+45.6	+64.2	+ 7.4	-23.5	-29.1	+ 1.5
Fleetwood Viaduct, Westchester County, New York	170,182	170,182	--	+159.5	+159.5	--	-68.0	-68.0	--
6 in the South Atlantic States	345,636	264,320	81,316	+15.4	+26.6	-10.5	-32.1	-37.9	- 2.9
TOTAL - 16 facilities in the Eastern States <sup>1</sup>	3,405,661	2,629,977	775,684	+44.6	+62.5	+ 5.3	-29.7	-35.5	+ 1.0
TOTAL - 20 facilities in the Eastern States	3,737,592	2,901,357	836,235	+45.3	+61.8	+ 7.3			
<i>FOUR CENTRAL REGIONS</i>									
4 on the Great Lakes Canadian Border <sup>2</sup>	224,307	191,407	32,900	+33.8	+36.4	+20.4	-35.5	-40.7	+31.4
2 in the Great Lakes Region	71,719	49,167	22,552	+ 7.9	+ 2.1	+23.0	-51.0	-60.6	+ 5.1
Subtotal - 6 facilities	296,026	240,574	55,452	+26.5	+27.7	+21.5	-40.1	-46.3	+19.3
9 on the Ohio River <sup>3</sup>	736,550	587,892	148,658	+ 0.3	- 5.8	+34.8	-32.0	-38.1	+11.2
10 in Kentucky	146,516	114,615	31,901	+ 6.4	+ 3.8	+17.2	-21.7	-27.1	+ 7.1
Subtotal - 19 facilities	883,066	702,507	180,559	+ 1.3	- 4.4	+31.3	-30.5	-36.6	+10.4
11 on the Mississippi and St. Croix Rivers, St. Louis and north	948,146	738,882	209,264	- 4.8	- 4.5	- 5.6	-42.6	-45.8	-27.1
Subtotal - 11 facilities	948,146	738,882	209,264	- 4.8	- 4.5	- 5.6	-42.6	-45.8	-27.1
3 on the Missouri River	102,419	78,758	23,661	+ 3.5	+ 6.5	- 5.3	-11.6	-14.0	- 2.3
2 in the Missouri River area	2,933	2,369	564	+49.3	+39.4	+112.8	-42.9	-47.8	- 5.8
Subtotal - 5 facilities	105,352	81,127	24,225	+ 4.4	+ 7.2	- 4.1	-12.9	-15.6	- 2.4
TOTAL - 41 facilities in the Central States <sup>1</sup>	2,232,590	1,763,090	469,500	+ 1.4	- 0.5	+ 9.2	-36.9	-41.5	-10.1
TOTAL - 46 facilities in the Central States	2,320,199	1,826,566	493,633	+ 2.0	+ 0.1	+ 9.8			
<i>TWO WESTERN REGIONS</i>									
3 in California	1,615,120	1,397,493	217,627	- 8.5	-10.8	+ 9.6	-18.0	-23.4	+48.2
3 in the Oregon-Washington area	195,619	165,845	29,774	- 2.3	- 3.4	+ 4.9	2.6	- 8.3	+49.3
TOTAL - 6 facilities in the Western States	1,810,739	1,563,338	247,401	- 7.9	-10.1	+ 9.0	-16.6	-22.0	+48.4
TOTAL - 63 facilities in the United States <sup>1</sup>	7,448,990	5,956,405	1,492,585	+14.2	+16.1	+ 7.1	-29.4	-34.5	+ 2.4
TOTAL - 72 facilities in the United States	7,868,530	6,291,261	1,577,269	+15.5	+17.4	+ 8.3			

<sup>1</sup>These facilities have comparative data for 1944, 1943, and 1941 and are included in the larger total below.

<sup>2</sup>One of the facilities is in western New York and therefore is related to similar facilities in the Central States.

<sup>3</sup>Five of the facilities are between Ohio and West Virginia.





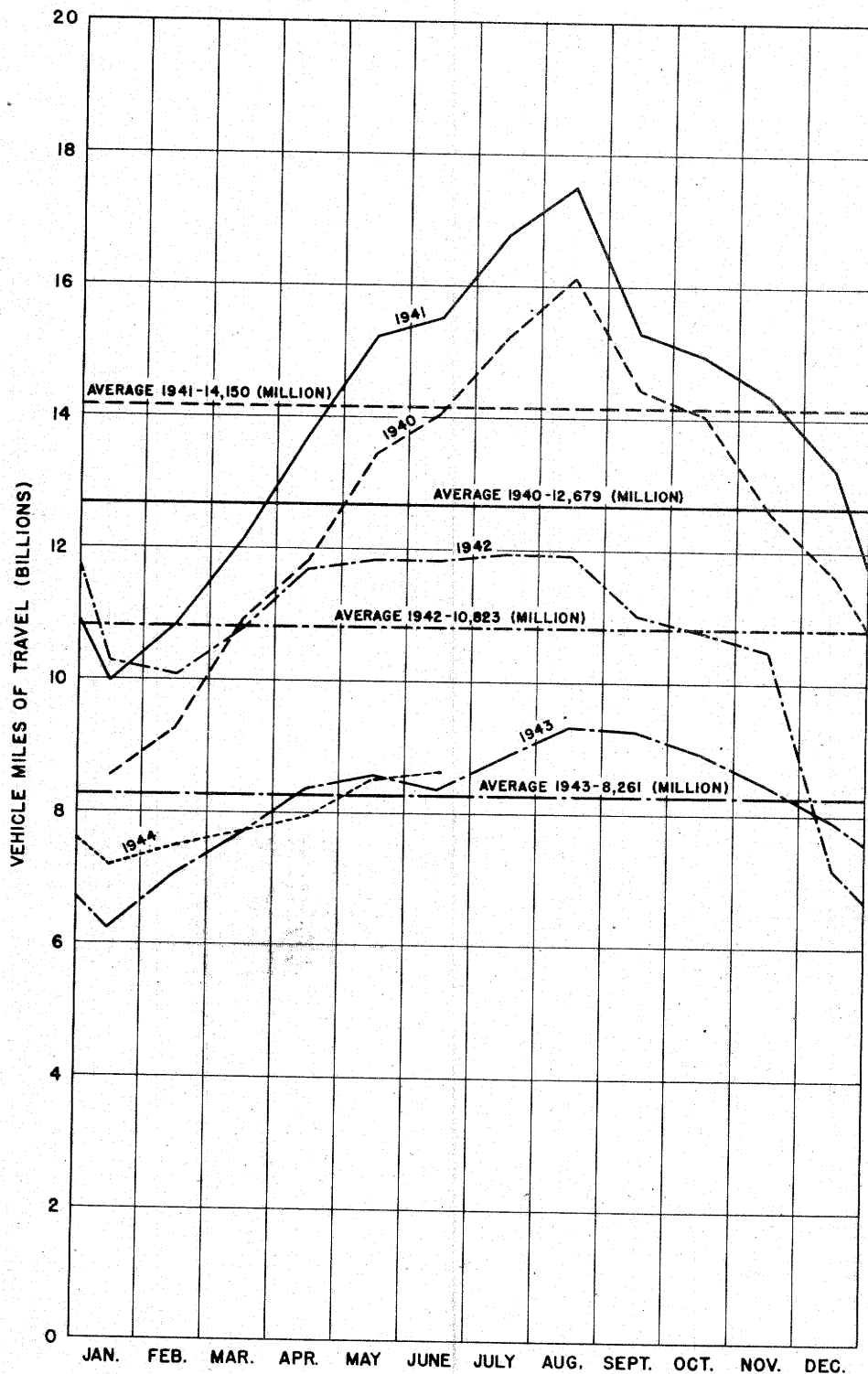


FIGURE I. VEHICLE MILES OF TRAVEL ON ALL RURAL ROADS 1940 TO 1944 BY MONTHS

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1944

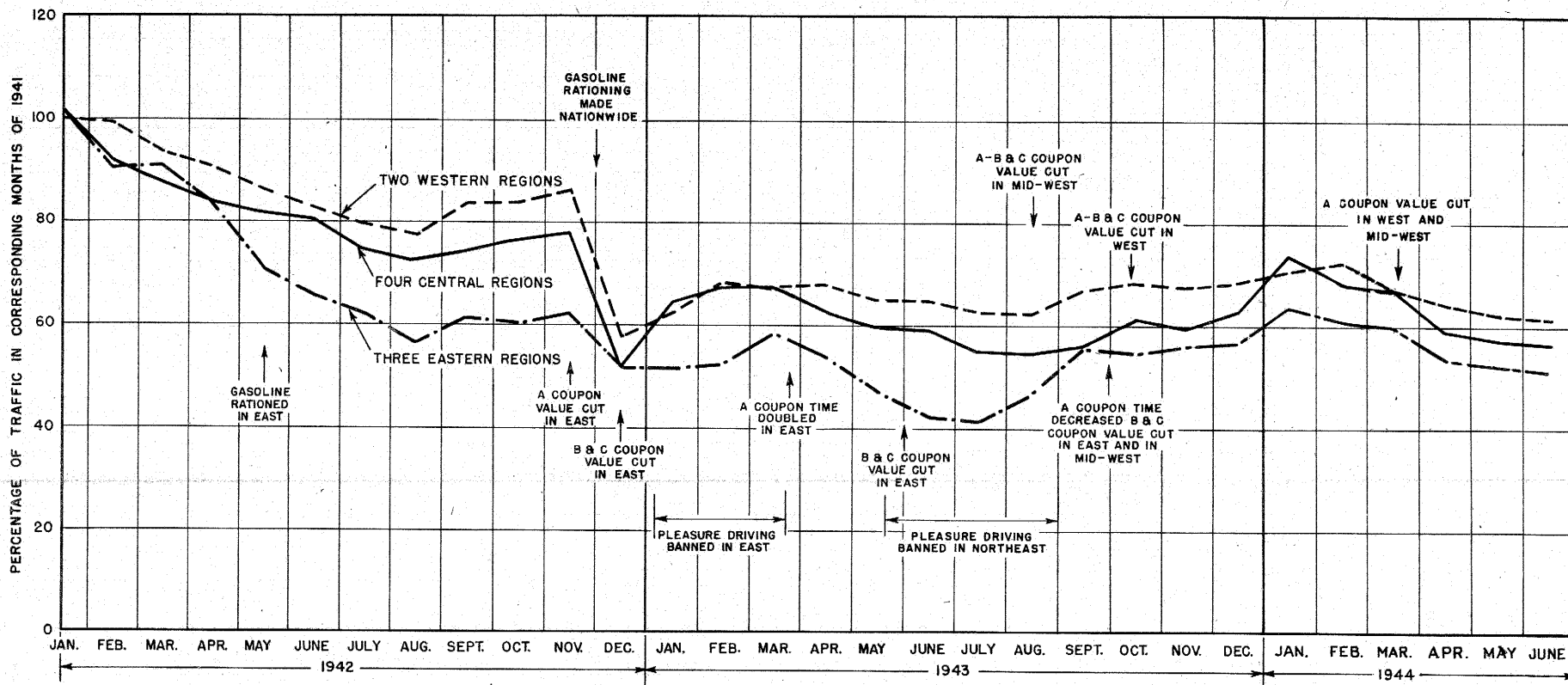


FIGURE 2. PERCENTAGE RELATIONS OF RURAL TRAFFIC IN MONTHS OF 1942, 1943, AND 1944 WITH THAT IN CORRESPONDING MONTHS OF 1941