## PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

INFORMATIONAL MEMORANDUM

DATE: MAY 31, 1946

SUBJECT: TRAFFIC VOLUME TRENDS

Traffic during April 1946 continued to show approximately the same recovery from wartime levels as in the previous three months. On the basis of preliminary reports, total travel on rural roads during April 1946 was 51.3 percent above that of April 1945 and only 1.6 percent below that of April 1941. Traffic on main highways was 1.4 percent below, and that on local roads was 2.3 percent below the 1941 figures.

Rural traffic in the two western regions was 20.8 percent above corresponding 1941 counts, while that in the central regions was 4.2 percent below, and that in the eastern regions was 9.8 percent below the 1941 levels. In comparison with 1945 figures, traffic in the western regions increased 63.2 percent, that in the central regions 47.7 percent, and that in the eastern regions 51.0 percent.

Comparisons of city traffic in April 1946 with corresponding traffic in April 1945 are as follows:

6 stations in Chicago, Illinois +37.8 percent 3 stations in Detroit, Michigan +23.9 percent 1 station in Santa Fe, New Mexico +36.9 percent 5 stations in St. Louis, Missouri +37.9 percent 13 stations in Washington, D. C. +37.4 percent

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

Attachments

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TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR APRIL 1946 INCLUDING 530 STATIONS IN 38 STATES 1

Type of highway of cl		Percentage change from April 1945	Type of highway and State	Number of stations	Percentage change from April 1945	
STATE. HIGHWAYS			STATE HIGHWAYS			
			(Continued)	7	+55.0	
Alabama	8	+40.8	Vermont	10	+69.8	
Ar i zon a	5	+60.2	Washington	11	+49.1	
Arkansas	14	+76.5	West Virginia		+55.7	
alifornia	6	+68.4	Wisconsin	9	+71.8	
Colorado	6	+47.6	Wyoming	3	7/1.0	
Connecticut	17	+76.4	mamara on omammo	/00	+55.6	
Georgia	4	+75.0	TOTAL - 38 STATES	499	400.0	
Idaho	8	+57.3				
Illinois	5	+53.3	LOCAL HIGHWAYS			
Iowa	26	+56.2	Alabama	2	+54.7	
Ken tucky	12	+51.7	Connecticut	3	+42.8	
Maine	10	+56.9	Georgia	4	+23.2	
Massachusetts	9	+47.5	Iowa	9	+29.1	
Michigan	26	+45.7	Michigan	2	+53.5	
Mississippi	10	+47.7	Missouri	1	+19.3	
Missouri	21	+54.4	Montana	2	+27.5	
Montana	12	+63.5	Nebraska	1	+37.4	
Nebraska	10	+62.6	North Dakota	2	- 1.7	
Nevada	16	+78.2	Ohio	2	+40.3	
New Hampshire	15	+69.8	Oregon	1	+71.9	
ew Mexico	13	+50.3	Rhode Island	1	+46.1	
New York	i	+68.3	Wisconsin	1	+38.9	
New lork North Carolina	19	+63.4				
	10	+67.9	TOTAL - 13 STATES	31	+41.7	
North Dakota	23	+59.4				
Ohio	20	+55.6	ALL HIGHWAYS			
Oklahoma	4	+77.4	38 STATES	530	+51.3	
Oregon		+57.0		-1		
Penn sylvania	30	+32.7	3 EASTERN REGIONS	134	+51.0	
Rhode Island	2	+62.9				
South Carolina		+54.1	4 CENTRAL REGIONS	298	+47.7	
South Dakota	10		- OBRINAL REGIONS			
Texas	74	+37.5 +48.7	2 WESTERN REGIONS	98	+63.2	
Utah	10	T70./			_1	

Includes all States except Delaware, Florida, Indiana, Kansas, Louisiana, Maryland, Minnesota,

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TABLE 2. -- REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA MARCH 1946 INCLUDING 633 STATIONS IN 45 STATES 1

Region and State of ch		Percentage change from March 1945	Region and State	Number of stations	Percentage change from March 1945	
NEW ENGLAND			EAST SOUTH CENTRAL			
Connecticut	20	+73.7	Al abama	10	+39.6	
Maine	10	+62.2	Kentucky	10	+46.7	
Massachusetts	9	+52.8	Mississippi	10	+45.1	
New Hampshire	14	+64.6	Tennessee	4	+47.8	
Rhode Island	4	+31.9	Subtotal	34	+44.4	
Vermon t	9	+53.7				
Subtotal	88	+82.7	WEST SOUTH CENTRAL			
경기하고 하고 있는데 있다.			Arkansas	13	+38.7	
MIDDLE ATLANTIC			Louisiana	8	+35.5	
New York	3	+49.7	Oklahoma	20	+63.0	
Pennsylvania	29	+46.6	Texas	74	+41.1	
Subtotal	32	+47.2	Subtotal	115	+44.0	
SOUTH ATLANTIC			MOUNTAIN			
Delaware	8	+39.6	Arizona	5	+55.7	
Maryland	18	+47.8	Colorado	6	+38.2	
Virginia	3	+28.7	Idaho	8	+52.9	
West Virginia	11	+59.3	Montana	14	÷53.4	
Subtotal north		'''	Neveda	16	+65.1	
portion	40	+47.7	New Mexico	14	+45.8	
			Utah	10	+39.4	
Florida	18	+74.5	Wyoming	5	+45.8	
Georgia	9	+75.1	Subtotal	78	+48.8	
North Carolina	20	+65.5				
Subtotal south	T.		PACIFIC			
portion	47	+70.6	California	9	+69.6	
	T'	1,,,,,,	Oregon	5	+86.1	
Subtotal region 87		+61.2	Washington	10	+56.9	
Duttoud, vegion	Subto		Subtotal	24	+66.7	
EAST NORTH CENTRAL						
Illinois	4	+40.2	TOTAL ALL STATES2	633	+46.6	
Indiana	22	+54.9	07.07			
Michigan	28	+36.1	STATE HIGHWAYS?	597	+50.9	
Ohio	24	+47.2				
Wisconsin	10	+46.9	LOCAL HIGHWAYS	36	+35.6	
Subtotal	88	+44.1				
WEST NORTH CENTRAL						
Iowa	35	+49.0	3 EASTERN REGIONS	185	+48.7	
Kansas	14	+18.1		1		
Missouri	25	+57.2				
Nebraska	12	+42.9	4 CENTRAL REGIONS	346	+41.3	
North Dakota <sup>3</sup>	13	+86.2				
South Dakota	10	+44.8				
Subtotal	109	+48.4	2 WESTERN REGIONS	102	+59.6	

<sup>1</sup> Combined State and local highways.

<sup>&</sup>lt;sup>2</sup>Includes all States except Minnesota, New Jersey and South Carolina.

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

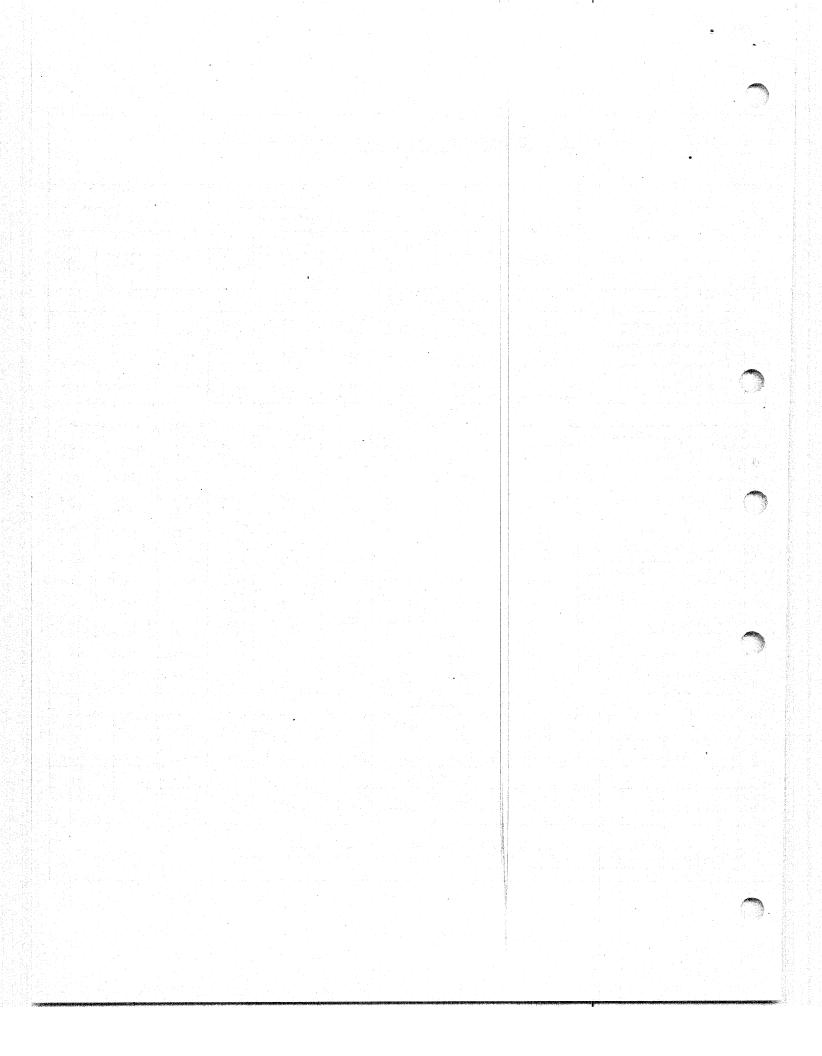
	1946			Percentage change from 1945			Percentage change from 1941		
Facilities	Tota1	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses
		EAST	ERN REGIONS				· · · · · · · · · · · · · · · · · · ·		
3 in the New England States 16 in the Middle Atlantic States Fleetwood Viaduct, Westchester County, New York	42,741 9,213,315 390,225	38,962 7,954,421 390,225	3,779 1,258,894	+36.0 +53.3 +132.8	+36.2 +59.8 +132.8	+33.8 +21.8	+10.5 +15.7 -11.8	+ 9.2 +13.8 -11.8	+27.1 +29.0
5 in the South Atlantic States  L - 25 facilities 1	385,901 10,032,182	318,748 8,702,356	67,153	+82.1	+108.3	+14.0	+13.4	- 5.8 +11.5	+ 6.9
TOTAL - 29 facilities	10,496,030	9, 114, 642	1,381,388	+57.2	+64.5	+21.6	<u> </u>	1	<u></u>
Berghand Commission Commission		CENT	RAL REGIONS				<b></b>	<b>.</b>	·
4 on the Great Lakes Canadian Border <sup>2</sup> 2 in the Great Lakes Region	383,247 98,781	341,744 75,511	41,503 23,270	+34.2 +67.6	+37.2 +103.2	+13.7 + 6.8	+116.1 + 8.7	+116.7 +12.0	+111.7
Subtotal - 6 facilities	482,028	417,255	64,773	+39.9	+45.8	+13,1	+79.7	+85.3	+50.5
n the Ohio River <sup>3</sup> in Kentucky	477,413 22,906	407,204 16,985	70,209 5,921	+41.0 +52.2	+49.1 +61.0	+ 7.4 +31.6	+ 6.1 +63.0	+ 8.5 +62.9	- 6.2 +63.5
Subtotal - 8 facilities	500,319	424 ,189	76,130	+41.5	+49.5	+ 8.9	+ 7.8	+10.0	- 3.0
6 on the Mississippi and St. Croix Rivers St. Louis and north 3 on the Mississippi River south of St. Louis	362,936 94,122	316,367 75,361	46,569	+32.5	+35.5	+14.8	+23.1	+22.5	+27.5 + 7.6
Subtotal - 9 facilities	457:,058	391,728	65,330	+42.4	+48.8	+21.5	+24.8	+25.5	+21.1
3 on the Missouri River	147,204 4,458	117,623 3,658	29,581 800	+45.4 +80.6	+51.1 +86.6	+26.5 +57.2	+50.5 +11.4	†57.0 +11.6	+29.3 +10.5
Subtotal - 5 facilities	151,662	121,281	30,381	+46.2	+52.0	+27.1	+49.0	+55.1	+28.8
TOTAL - 28 facilities 1 TOTAL - 34 facilities	1,591,067 1,822,051	1,354,453 1,544,551	236,614 277,500	+41.7 +42.2	+47.7 +47.2	+14.9 +19.8	+32.6	+35.3	+18.8
		WEST	ERN REGIONS						
2 in California 5 in the Oregon-Washington area	2,488,490 345,946	2,259,584 304,975	228,906 40,971	+36.2 +59.1	+39.6 +63.3	+ 9.6 +33.5	+37.8 +90.1	+36.0 +89.0	+57.4 +99.1
TOTAL - 7 facilities	2,834,436	2,564,559	269,877	+38.6	+42.1	+12.7	+42.5	+40.7	+62.6
		UNIT	ED STATES						
TOTAL - 60 facilities 1 TOTAL - 70 facilities	14,457,685 15,152,517	12,621,368	1,836,317 1,928,765	+50.8 +51.5	+56.8 +57.5	+19.2 +20.0	+20.1	+18.8	+30.5

These facilities have comparative data for 1946, 1945, and 1941 and are included in the larger total below.

These facilities nave comparative data for 1990, 1997, and 1997, and 1997.

Two of these facilities are in Western New York and therefore are related to similar facilities in the Central States.

Four of these facilities are between Ohio and West Virginis.



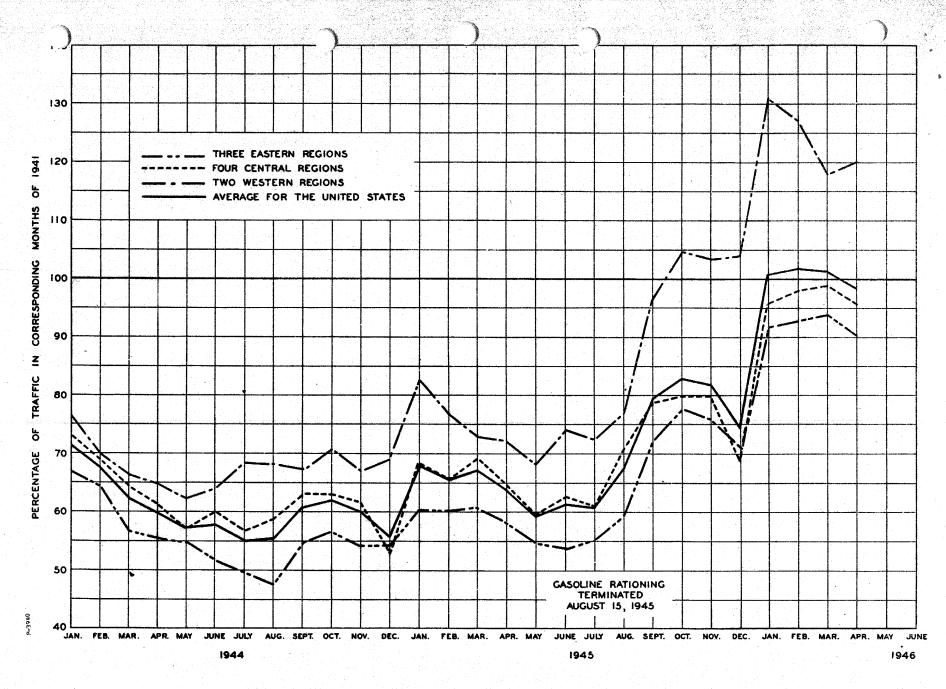
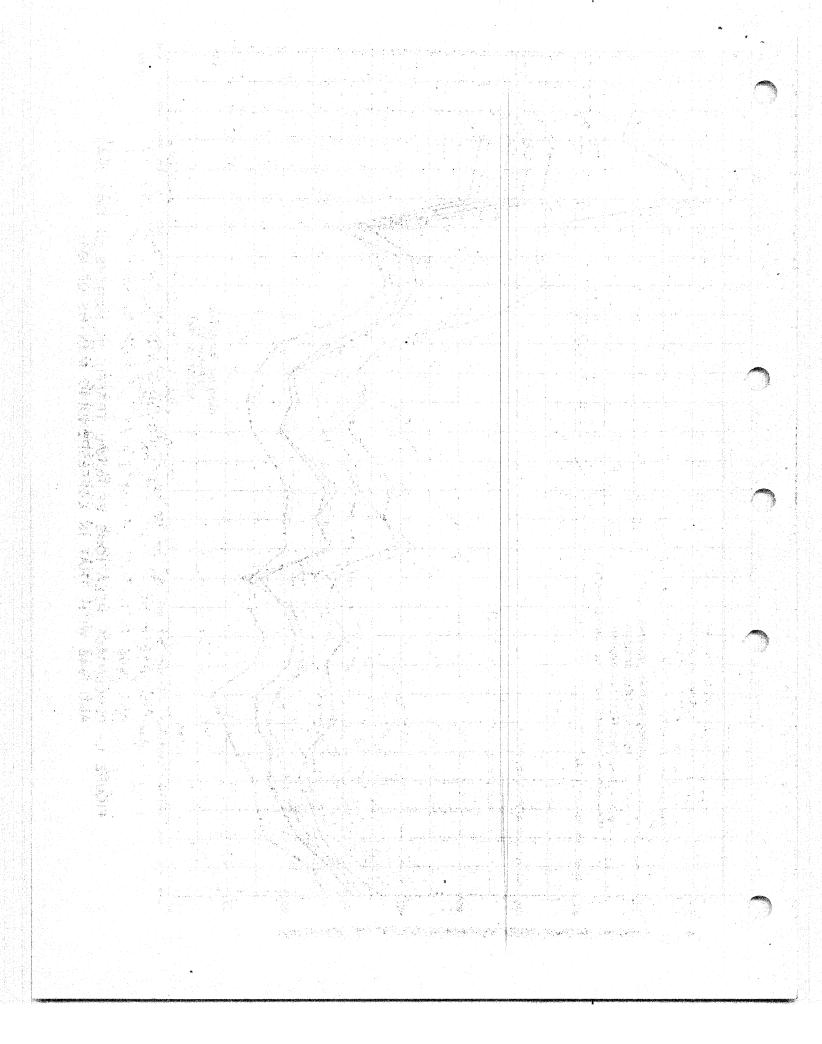


FIGURE 1.— PERCENTAGE RELATIONS OF RURAL TRAFFIC IN MONTHS OF 1944, 1945
AND 1946 WITH THAT IN CORRESPONDING MONTHS OF 1941.



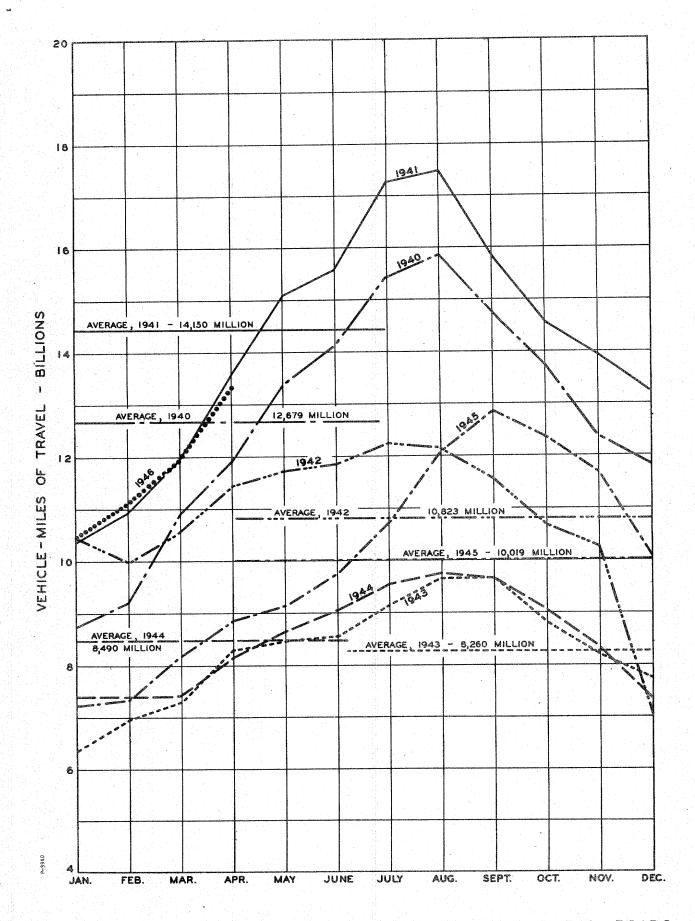


FIGURE 2.- VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS
1940 TO 1946 BY MONTHS.

