PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY

INFORMATIONAL MEMORANDUM

DATE: AUGUST 31. 1946

SUBJECT: TRAFFIC VOLUME TRENDS

During July 1946 traffic remained slightly below the level of 1941, the previous all-time high, but well above the 1940 level, the second highest traffic year. On the basis of preliminary estimates, total travel during July 1946 on rural roads was 7 percent below that of July 1941. Traffic on main highways was 6 percent below while that on local roads was 8 percent below the 1941 figures.

Traffic in the two western regions continued at a level considerably above that of 1941, being 25 percent greater than in the earlier year. That in the central regions was 12 percent below and that in the eastern regions was 15 percent below 1941 levels. In comparison with 1945 figures, traffic in the western regions increased 68 percent, that in the central regions 45 percent and that in the eastern regions 51 percent.

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

- 6 stations in Chicago, Ellinois +15.4 percent
- 3 stations in Cleveland, Ohio +35.9 percent
- 3 stations in Detroit, Michigan +22.0 percent
- 1 station in Duluth, Minnesota +19.5 percent
- 1 station in Kansas City, Missouri +30.5 percent
- 1 station in Santa Fe, New Mexico +38.2 percent
- 5 stations in St. Louis, Missouri +34.3 percent
- 10 stations in Washington, D. C. +32.6 percent

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

Attachments

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TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR JULY 1946 INCLUDING 558 STATIONS IN 42 STATES 2

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Type of highway and State	Number of stations	Percentage change from July 1945	Type of highway and State	Number of stations	Percentage change from July 1945	
STATE HIGHWAYS			STATE HIGHWAYS			
Arizona	5	+59.5	(Continued)			
Arkansas	16	+39.8	Vermont	7	+82.6	
California	7	+67.1	Virginia	2	+51.5	
Colorado	4	+66.6	Washington	10	+72.6	
Connecticut	17	+74.9	West Virginia	11	+54.7	
elaware	6	+44.7	Wisconsin	و ا	+46.8	
_lorida	16	+38.9	Wyoming	5	+98.9	
Georgia	3	+60.6			130.3	
Idaho	8	+82.2	TOTAL - 42 STATES	527	+57.3	
Illinois	4	+50.8			10700	
Iowa	26	+60.7	LOCAL HIGHWAYS			
Kansas	13	+41.0	Connecticut	3	+52.2	
Kentucky	7	+54.6	Delaware	2	+ 2.2	
Louisiana	5	+41.3	Georgia	3	+32.4	
Maine	10	+76.0	Iowa	8	+24.4	
Maryland	16	+51.4	Maryland	1	+13.3	
Massachusetts	9	+55.9	Michigan	2	+49.2	
Michigan	26	+58.8	Montana	2	+27.9	
Mississippi	10	+43.2	Nebraska	1 1	#40.4	
Missouri	22	+60.4	North Dakota	2	+31.4	
Montana	11	+78.8	Ohio	2	+40.1	
Nebraska	11	+55.6	Oregon	1	+71.9	
Nevada	16	+93.8	Rhode Island	1	+39.1	
ew Mexico	9	+36.5	Tennessee	2	+38.5	
North Carolina	19	+64.1	Wisconsin	1	+61.4	
North Dakota	11	+105.6				
Ohio	20	+53.3	TOTAL - 14 STATES	31	+35.3	
Ok l ahoma	20	+49.5				
Oregon	4	+80.7	ALL HIGHWAYS			
Pennsylvania	30	+62.3	42 STATES	558	+51.0	
Rhode Island	3	+31.2				
South Carolina	1	+73.9	3 BASTERN REGIONS	160	+51.2	
South Dakota	10	+67.5				
Tennessee	5	+25.4	4 CENTRAL REGIONS	306	+44.9	
Texas	73	+35.6				
Utah	10	+77.1	2 WESTERN REGIONS	92	+67.7	

Includes all States except Alabama, Indiana, Minnesota, New Hampshire, New York and New Tarsey.

TABLE 2.—REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR JUNE 1946 INCLUDING 627 STATIONS IN 46 STATES 1

Region and State of stati		Percentage change from June 1945	Region and State	Number of stations	Percentage change from June 1945	
NEW ENGLAND			EAST SOUTH CENTRAL			
Connecticut	30	+79.9	Alabama	10	+42.3	
Maine	10	+69.2	Kentucky	8	+44.8	
Massachusetts	9	+62.1	Mississippi	10	+48.8	
New Hampshire	13	+85.0	Tennessee	6	+18.7	
Rhode Island	4	+35.1	Subtotal	84	+41.3	
Vermont	7	+73.2				
Subtotal	63	+72.4	WEST SOUTH CENTRAL			
			Arkansas	18	+47.5	
NIDDLE ATLANTIC			- Louisiana	8	+49.0	
New York	3	+75.2	Oklahoma	20	+57.8	
Pennsylvania	30	158. I	Texas	73	+38.8	
Subtotal	38	+80.4	Subtotal	119	+43.8	
SOUTH ATLANTIC			HOUNTAIN			
Delaware	8	+38.4	Arizona	5	+65.7	
Maryland	18	+47.2	Colorado	6	+45.2	
Virginia	2	+53.2	Idaho	8	+79.8	
West Virginia	11	+51.4	Montana	13	+76.6	
Subtotal north			Nevada	16	194.6	
portion	89	+46.5	New Mexico	14	+53.6	
<u> </u>			Utah	10	+66.9	
Florida	20	+49.3	Wyoming	4	+97.6	
Georgia	7	+69.7	Subtotal	76	+67.8	
North Carolina South Carolina	19	+68.3	RACIPIC			
Subtotal south	1	+69.6	PACIFIC			
	total south California portion 47 +61.7 Oregon			8	+74.3	
Subtotal region	47	401.4	Washington	5	+90.1	
	86	+53.2	Subtotal	10 23	+76.8	
	00	T03.2	3801818	23	+77.8	
EAST NORTH CENTRAL			TOTAL ALL STATES2	627	+57.3	
Illinois	5	+43.7				
Indiana Michigan	22	+77.5	CMAME TITOTUAVOS	500		
Ohio	28 24	+55.6	STATE HIGHWAYS2	593	+63.0	
Wisconsin	10	+64.4 +57.9		<u> </u>		
Subtotal	89	+62.0	LOCAL HIGHWAYS	34	+43.5	
WEST NORTH CENTRAL						
Iowa	34	+59.3	3 RASTERN REGIONS	182	Lee o	
Kansas	14	+35.4	O MEDIARE REGIONS	102	+58.8	
Missouri	22	+69.1		1 / 1		
Nebraska	12	+57.7	4 CREERAL REGIOES	348	+51.8	
North Dakota	12	+100.1		""	10100	
South Dakota	10	+69.1				
Subtotal	104	+61.7	2 VESTERN REGIONS	99	+73.6	

¹ Combined State and focal highways.

² Includes all States except the following: Minnesote and New Tersey

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

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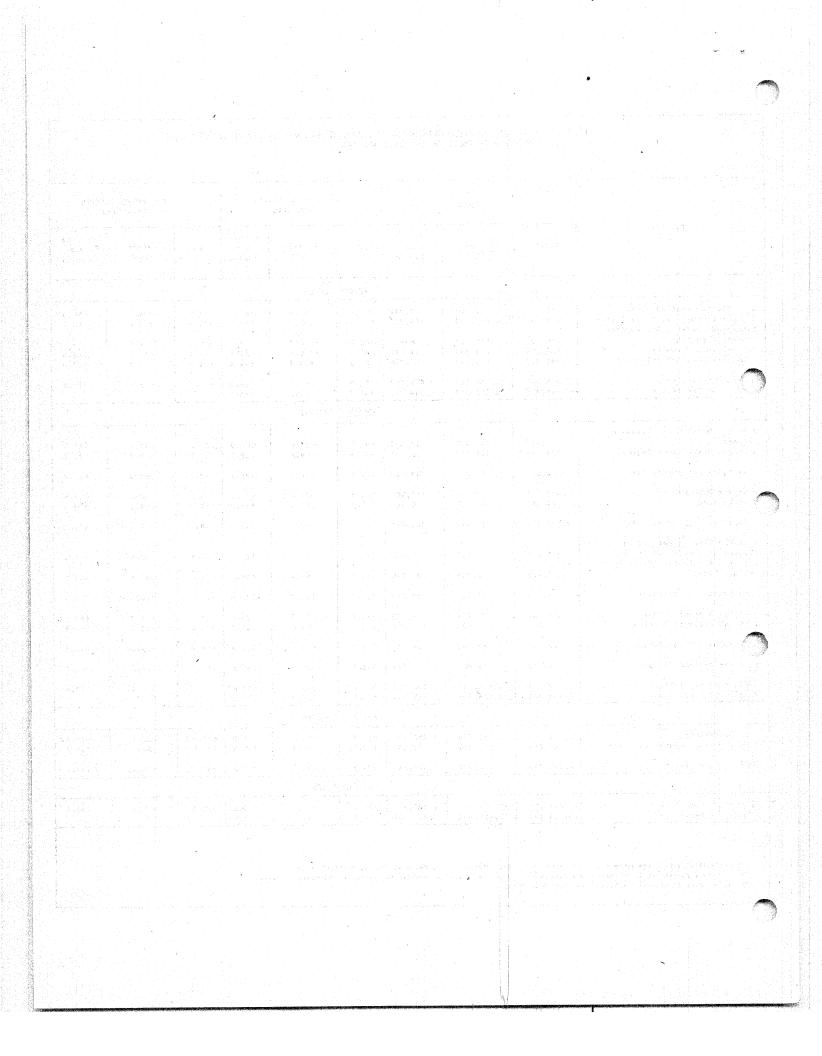
	1946			Percentage change from 1945		Percentage change from 1941			
Facilities	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Truck and busse
				EASTERN	REGIONS				
3 in the New England States	88,509	83,504	5,005	+95.7	+100.3	+41.5	-19.0	-20.6	+20.
15 in the Middle Atlantic States Fleetwood Viaduct, Westchester	11,980,250	10,533,893	1,446,357	+54.8	+57.9	+35.4	+12.0	+ 9.3	+36.
County, New York	516,723	516,723		+106.2	+106.2		- 9.6	- 9.6	
Pennsylvania Turnpike	284,259	243,249	41,010	+105.4	+126.8	+31.6	-11.6	-17.5	+53.
6 in the South Atlantic States	488,502	401,382	87,120	+57.8	+65.4	+30.1	- 1.8	- 4.2	+11.
M - 26 facilities 1	13,358,243	11,778,751	1,579,492	+57.5	+61.1	+35.0	+ 9.5	+ 6.8	+35.
.AL - 29 facilities	14,389,070	12,724,348	1,664,722	+57.2	+61.3	+31.7			,55.
				CENTRAL	REGIONS				
3 on the Great Lakes Canadian		i de en e de la	1					r	
Border ²	702,930	683,262	19,668	+38.6	+38.9	+30.6	+37.7	+37.1	+63.
2 in the Great Lakes Region	239,884	211,687	28,197	+90.9	+104.8	+26.7	+ 2.8	- 0.2	+32.
Subtotal - 5 facilities	942,814	894,949	47,865	+49.0	+50.3	+28.3	+28.7	+28.0	+43.
8 on the Ohio River ³	1.047.790	904.790	143,000	+15.1	+14.7	+17.6	-11.0	-13.0	+ 4.
in Kentucky	26,354	19,957	6,397	+43.7	+56.0	+15.3	+58.1	+56.2	+64.
Subtotal - 10 facilities	1,074,144	924,747	149,397	+15.8	+15.4	+17.5	-10.1	-12.2	+ 5.
6 on the Mississippi and St. Croix						100			
Rivers St. Louis and North 2 on the Mississippi River south	411,530	362,952	48,578	+51.9	+59.4	412.2	+10.6	+13.4	- 6.
of St. Louis	60,983	49,335	11,648	+51.7	+58.4	+28.7	+36.0	+30.6	+64.
Subtotal - 8 facilities	472,513	412,287	60,226	+51.9	+59.3	+15.1	+13.4	+15.2	+ 2.
5 on the Missouri River	296.004	222,449	73.555	+41.2	+44.4	+32.5	+33.1	+30.0	+43.
2 in the Missouri River area	7,390	. 6,491	899	+71.1	+71.6	+67.7	+24.8	+22.7	+42.
ubtotal - 7 facilities	303,394	228,940	74,454	+41.8	+45.0	+32.9	+32.9	+28.8	+43.
1 on the Mexican Border	16,432	15,691	741.	+32.6	+30.4	+107.6	476.1	+73.2	+175.
TOTAL - 31 facilities 1	2,809,297	0.470.014							
TOTAL - 34 facilities	3,003,351	2,476,614 2,635,438	332,683 367,913	+33.8 +35.0	+35.6 +36.3	+21.8 +26.3	+ 8.3	+ 7.4	+16.
				WESTERN					
	T =	i						<u> </u>	
2 in California 5 in the Oragon-Washington area	2,783,869 347,542	2,532,010 305,285	251,859 42,257	+31.5 +13.6	+34.4 +14.1	+ 8.0 +10.2	+30.4 +27.7	+28.7 +24.5	+50.
	347,342	303,283	42,237	T13.0	T14.1	T10.2	72/./	T24.5	+56.
FOTAL - 7 facilities	3, 131, 411	2,837,295	294,116	+29.2	+31.9	+ 8.3	+30.1	+28.2	+51.
				UNITED	STATES				
TOTAL - 64 facilities 1	19,298,951	17,092,660	2,206,291	+48.4	+51.4	+28.6	+12.2	+ 9.9	+33.
TOTAL - 70 facilities	20,523,832	18,197,081	2,326,751	+48.7	+52.0	+27.4			

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

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

Three of these facilities are between Ohio and West Virginia.

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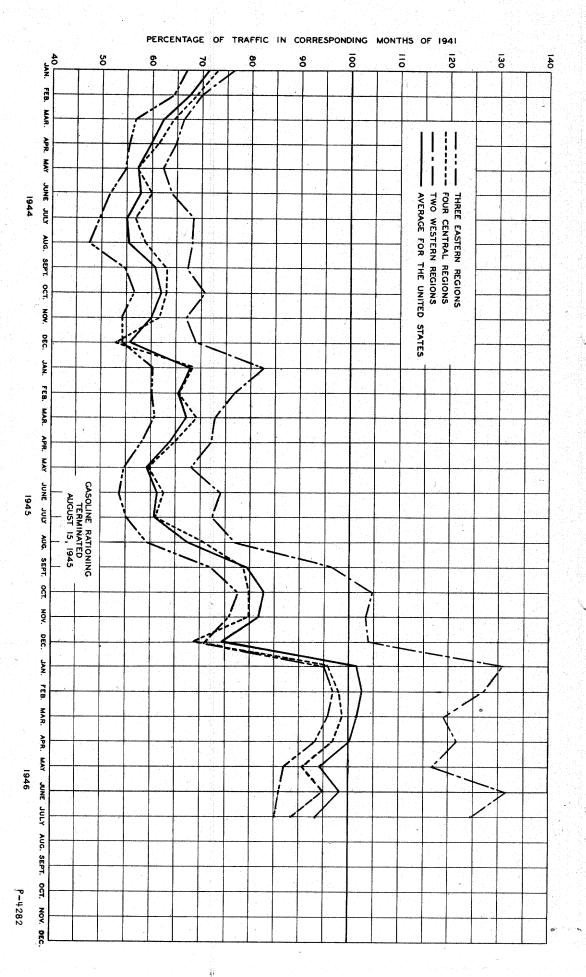
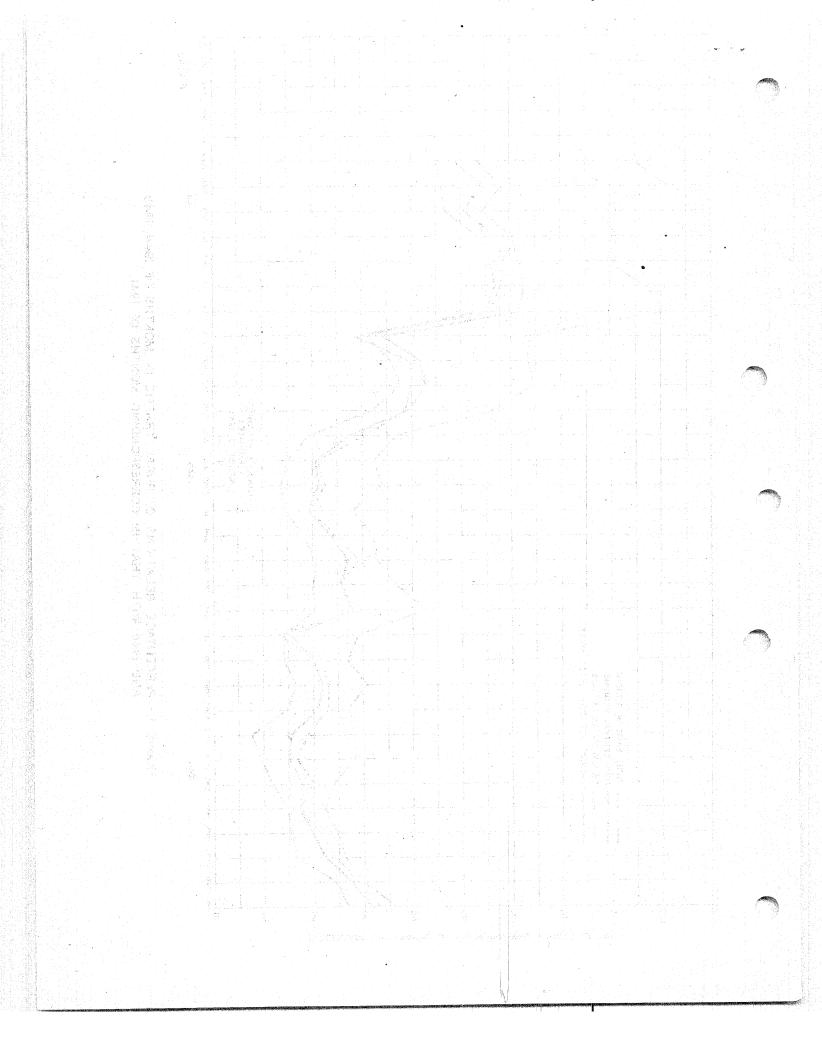


FIGURE I.- PERCENTAGE RELATIONS OF RURAL TRAFFIC IN MONTHS OF 1944, 1945
AND 1946 WITH THAT IN CORRESPONDING MONTHS OF 1941.



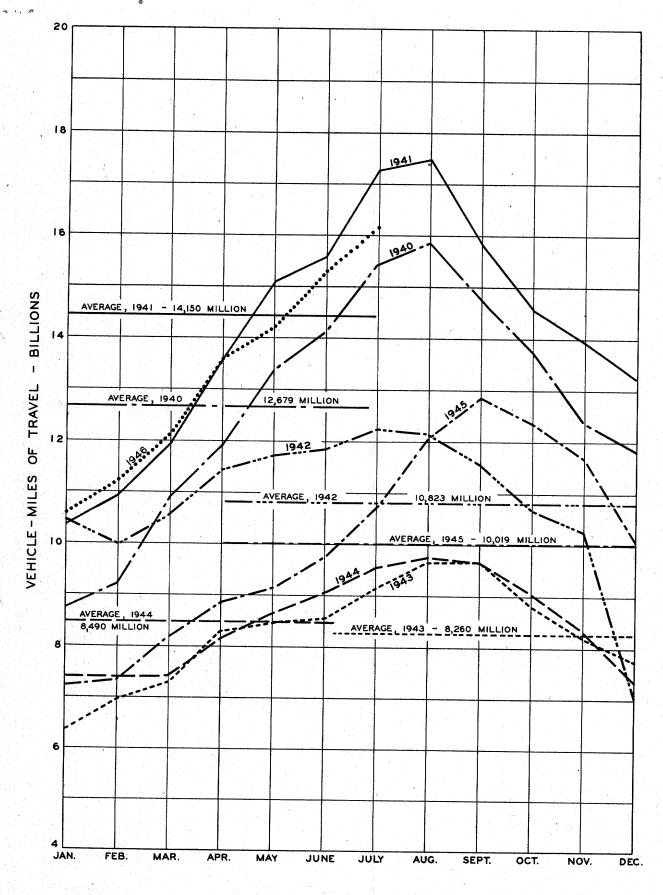


FIGURE 2.- VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS
1940 TO 1946 BY MONTHS.

