

**FEDERAL WORKS AGENCY
PUBLIC ROADS ADMINISTRATION
WASHINGTON**

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Date: December 31, 1942

Subject: Traffic volume trends.

A preliminary summary of the data for November 1942, from 500 automatic traffic recorders located in 41 States, indicates traffic decreases as follows: In the rationed areas, 41 percent; in the unrationed areas, 21 percent as compared with traffic for November 1941. Individual State data are tabulated below.

**PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA
FOR NOVEMBER 1942, INCLUDING 500 STATIONS IN 41 STATES**

Type of highway and State	Number of stations	Total daily traffic Nov. 1942	Percent decrease from Nov. 1941 1/	Type of highway and State	Number of stations	Total daily traffic Nov. 1942	Percent decrease from Nov. 1941 1/
STATE HIGHWAYS				STATE HIGHWAYS			
Arizona	6	15,942	7.7	New Mexico 3/	11	17,616	11.7
Arkansas	22	18,926	28.7	New York 4/6/	6	13,589*	43.0
Colorado 3/	3	1,737	21.7	North Carolina	19	25,726*	44.0
Connecticut	17	51,726	44.4	North Dakota	8	3,520	25.7
Delaware	5	13,840	33.1	Ohio	21	51,764	23.7
Florida	15	18,358	29.1	Oklahoma	20	39,349	17.6
Georgia	6	10,158	40.0	Oregon	3	5,334*	16.1
Illinois	4	3,764*	20.4	Pennsylvania	30	54,016	32.5
Indiana	20	34,850	24.2	Rhode Island	3	5,116	42.6
Iowa	26	30,015*	24.8	South Carolina	9	12,258*	42.0
Kansas 3/	9	10,479*	19.4	South Dakota 3/	9	7,214	17.6
Kentucky 5/	13	17,029	21.9	Tennessee	2	4,099	13.3
Louisiana	8	19,896	25.7	Texas	39	94,753	14.3
Maine	3	1,832	36.9	Utah	6	8,215	8.5
Maryland 4/	15	37,629	34.1	Vermont	3	1,848	41.0
Massachusetts	9	25,935	44.3	Virginia	2	4,249*	34.9
Michigan	24	66,662*	23.6	Washington 3/	10	24,427*	8.8
Mississippi	9	14,511*	26.1	West Virginia	10	14,310*	34.1
Montana	12	8,196	15.3	Wisconsin	9	22,075	20.8
Nebraska	11	12,772	8.3	Wyoming	1	263	28.7
New Hampshire	7	4,527	46.7	Total			
				41 States	465	828,528	28.0

PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA
FOR NOVEMBER 1942, INCLUDING 500 STATIONS IN 41 STATES
(Continued)

Type of highway and State	Number of stations	Total daily traffic November 1942	Percent decrease from November 1941 ^{1/}
LOCAL HIGHWAYS			
Connecticut	2	638	34.0
Delaware	1	253*	16.8
Georgia	4	973	1.8
Iowa	10	1,313	9.9
Kentucky	1	192	23.8
Maryland	1	279	22.1
Massachusetts	1	301	41.7
Michigan	2	664	28.3
Montana	2	354	27.8
Nebraska	1	127	18.1
North Dakota	2	389	+ 10.2
Ohio	2	1,244	35.9
Oregon	1	215	20.1
Rhode Island	1	369	15.6
Tennessee	2	1,005	10.3
Wisconsin	2	440	13.7
Total - 16 States	35	8,756	20.7
ALL HIGHWAYS			
41 States	500	837,284	27.9
Rationed area ^{2/}	144	248,608	40.8
Unrationed area	356	588,676	20.6

* Subject to revision.

^{1/} Plus sign before percentage indicates increase.

^{2/} Includes eastern New York, Pennsylvania, West Virginia, Florida, and all other Atlantic seaboard States listed above.

^{3/} Stations omitted due to defense activity.

^{4/} Stations omitted due to detour.

^{5/} Station omitted--road closed.

^{6/} Station omitted--road construction.

A revised summary of traffic data for October is presented in the following table.

REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR OCTOBER 1942,
INCLUDING 558 STATIONS AND 46 STATES.

Geographic division and State	Number of stations	Percent decrease from October 1941	Geographic division and State	Number of stations	Percent decrease from October 1941
NEW ENGLAND	46	41.3	EAST SOUTH CENTRAL	37	28.0
Connecticut	19	40.3	Alabama	10	23.8
Maine	3	38.4	Kentucky	15	27.4
Massachusetts	10	42.5	Mississippi	9	35.4
New Hampshire	7	48.4	Tennessee	3	15.7
Rhode Island	4	38.9	WEST SOUTH CENTRAL	39	23.8
Vermont	3	38.8	Arkansas	22	31.9
MIDDLE ATLANTIC	40	35.9	Louisiana	7	36.1
New York	11	38.6	Oklahoma	20	19.9
Pennsylvania	29	34.3	Texas	40	20.4
SOUTH ATLANTIC	83	38.9	MOUNTAIN	55	15.8
Delaware 2/	5	33.4	Arizona	6	11.9
Florida	15	39.1	Colorado 1/	2	15.7
Georgia	10	36.9	Idaho	5	15.4
Maryland 2/	16	36.3	Montana	14	20.0
North Carolina	19	46.1	Nevada 1/	9	13.8
South Carolina	7	39.7	New Mexico 1/	11	19.1
Virginia	2	34.7	Utah	6	11.1
West Virginia	9	36.2	Wyoming	2	24.9
EAST NORTH CENTRAL	82	26.6	PACIFIC	24	16.3
Illinois	3	27.2	California	9	19.9
Indiana	20	28.0	Oregon	5	25.1
Michigan	26	26.9	Washington	10	10.5
Ohio 2/	22	27.5	TOTAL 46 States 2/	558	29.6
Wisconsin	11	20.8			
WEST NORTH CENTRAL	102	25.0	RATIONED AREA 4/	145	40.1
Iowa	36	24.0			
Kansas 1/	8	20.5	UNRATIONED AREA	413	24.6
Missouri	27	29.7			
Nebraska	12	13.4	STATE HIGHWAYS	522	29.7
North Dakota	10	26.7			
South Dakota 1/	9	16.0	LOCAL HIGHWAYS	36	18.6

1/ Two stations in Colorado, and one station in Nevada, South Dakota, Kansas, and New Mexico not included due to defense activities.

2/ One station in Delaware, Maryland, and Ohio omitted because of road construction and detours.

3/ Includes all States except Minnesota and New Jersey.

4/ Includes all Atlantic seaboard States and rationed portion of Florida, New York, Pennsylvania, and West Virginia.

Traffic decreases on the rural highway system in November are not quite as large as those recorded for October, except upon "local roads."

In the urban areas the decreases in passenger car traffic for November 1942 greatly exceed those of trucks and busses, as indicated in the tabulation below. These data are largely from toll facilities, and they are not strictly comparable with traffic on free highways, bridges, etc. Traffic decreases upon urban routes in the rationed areas greatly exceed those in the unrationed areas.

Traffic volume data for November 1942, by vehicle types, compared with similar information for November 1941.

	Rationed area					
	November 1942			Percentage change from 1941		
	Total	Passenger cars	Trucks and busses	Total	Passenger cars	Trucks and busses
21 toll facilities Maine to Florida	4,175,125	3,290,717	884,408	-23.3	-28.0	+1.5
42 drawbridges in eastern North Carolina based on two 8-hour counts	806,040	680,190	125,850	-31.9	-35.6	-1.0
Queen's Middtown Tunnel Summer Tunnel--Boston 2 weeks Nov. 2-15	272,637	256,019	16,668	-34.7	-36.1	-0.4
13 stations in Washington, D. C. 1/	225,097	205,976	19,121	-18.2	-18.9	-10.0
Fleetwood Viaduct New York City	256,822			-23.6		
Pennsylvania Turnpike 2/	172,077	172,077	---	-50.2	-50.2	---
	94,389	67,928	26,461	-48.0	-56.1	-1.8
Unrationed area						
5 toll facilities Eastern Canadian border	250,618	221,760	28,858	-10.5	-12.5	+7.9
30 toll facilities Ohio River and adjacent areas	1,615,883	1,375,523	240,360	-11.7	-10.3	-18.8
18 toll facilities Mississippi River and adjacent areas	1,455,692	1,175,516	280,176	- 6.3	- 6.8	-3.9
8 toll facilities Missouri River and adjacent areas	404,196	319,937	84,259	- 4.8	- 4.6	-5.7
4 toll facilities Mexican border and West Coast area	94,482	86,669	7,813	-10.1	-11.0	+1.5
65 toll facilities 3/ 7 facilities with total traffic only	3,820,871	3,179,405	641,466	- 2.3	- 1.5	-6.3
	365,590			- 0.7		

1/ Based on average weekday (Monday to Friday) for November.

2/ Approximately half of this highway is located in unrationed area.

3/ Located throughout the United States.

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