

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

TRAFFIC VOLUME TRENDS

October 1948

On the basis of preliminary figures, motor vehicle travel on main rural roads was higher during October 1948 than in any previous October. Local road travel showed a slight decrease, compared with 1947.

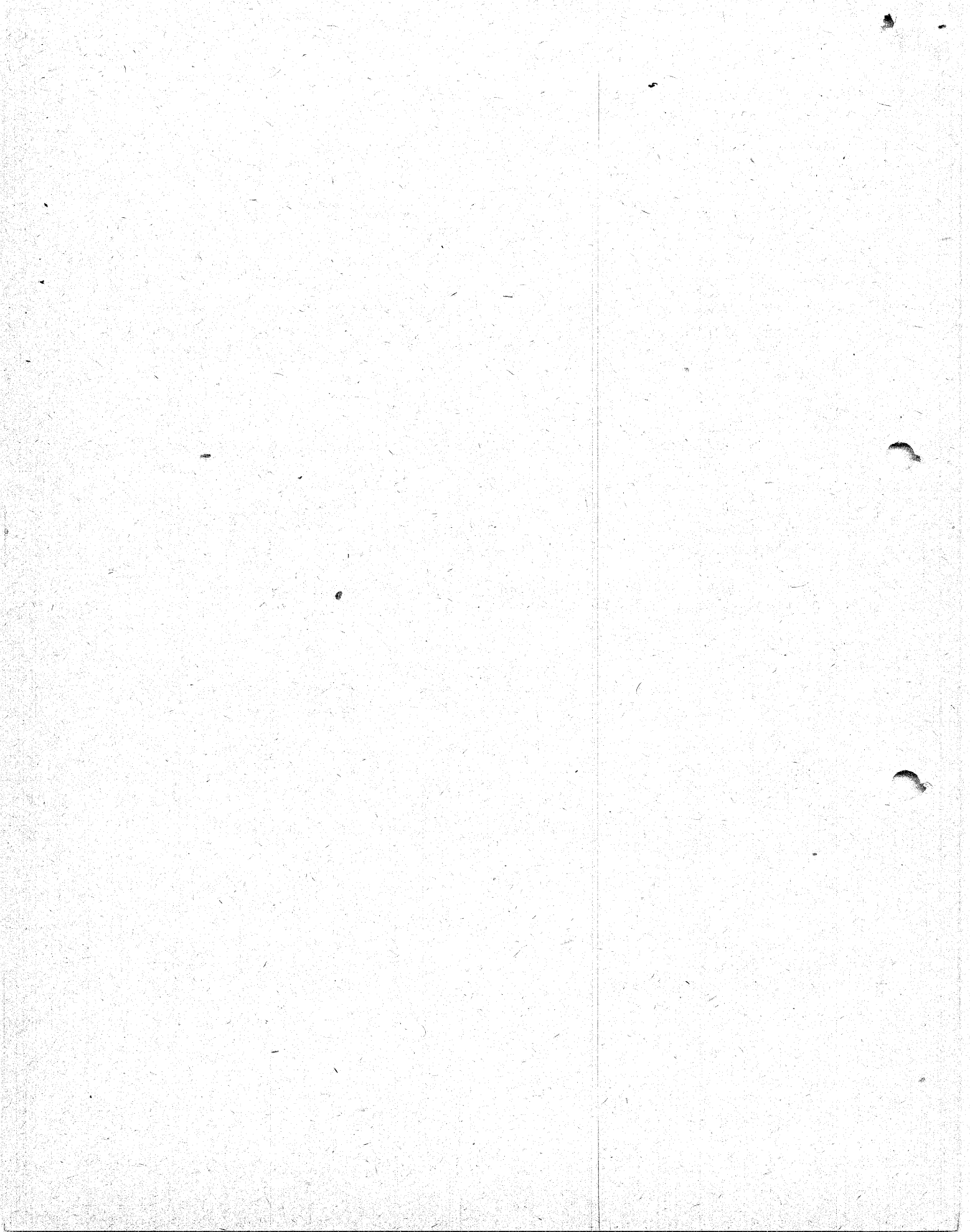
	Rural traffic in vehicle-miles October 1948 (millions)	Percentage change from		
		1941	1943	1947
Main roads	13,006	+ 24.0	+106.8	+ 6.0
Local roads	4,455	+ 9.7	+ 76.0	- 0.7
All rural roads	17,461	+ 20.0	+ 98.0	+ 4.2

Rural travel in the geographic regions and changes from previous years are as follows:

	Rural traffic in vehicle-miles October 1948 (millions)	Percentage change from		
		1941	1943	1947
Eastern regions	5,490	+ 10.2	+ 95.0	+ 3.4
Central regions	8,894	+ 21.6	+100.2	+ 4.1
Western regions	3,077	+ 36.9	+ 96.2	+ 5.8

Traffic on city streets and on rural roads as a whole was heavier than in any previous October.

	Percentage change from		
	1941	1943	1947
City streets	+ 20.0	+ 72.1	+ 2.0
Rural roads	+ 20.0	+ 98.0	+ 4.2
All roads and streets	+ 20.0	+ 84.4	+ 3.1



Comparisons of October 1948 travel in several cities with that of October 1947 are as follows:

	Percentage Change
2 stations in Akron, Ohio	- 4.5
1 station in Cheyenne, Wyoming	- 5.5
6 stations in Chicago, Illinois	- 0.9
2 stations in Columbus, Ohio	- 0.8
1 station in Concord, New Hampshire	- 0.3
1 station in Dayton, Ohio	+ 1.1
1 station in Denver, Colorado	- 4.9
3 stations in Detroit, Michigan	+ 7.1
13 stations in Washington, D. C.	+ 5.2
1 station in Fort Morgan, Colorado	-18.7
1 station in Grand Junction, Colorado	+25.0
1 station in Harpers Ferry, West Virginia	-14.7
1 station in Loveland, Colorado	+15.6
9 stations in Milwaukee, Wisconsin	- 2.0
7 stations in St. Louis, Missouri	+ 0.1
1 station in Salt Lake City, Utah	+20.0
1 station in Santa Fe, New Mexico	+18.4
6 urban toll facilities	+ 0.3

H. S. Fairbank, Deputy Commissioner
Public Roads Administration

Attachments

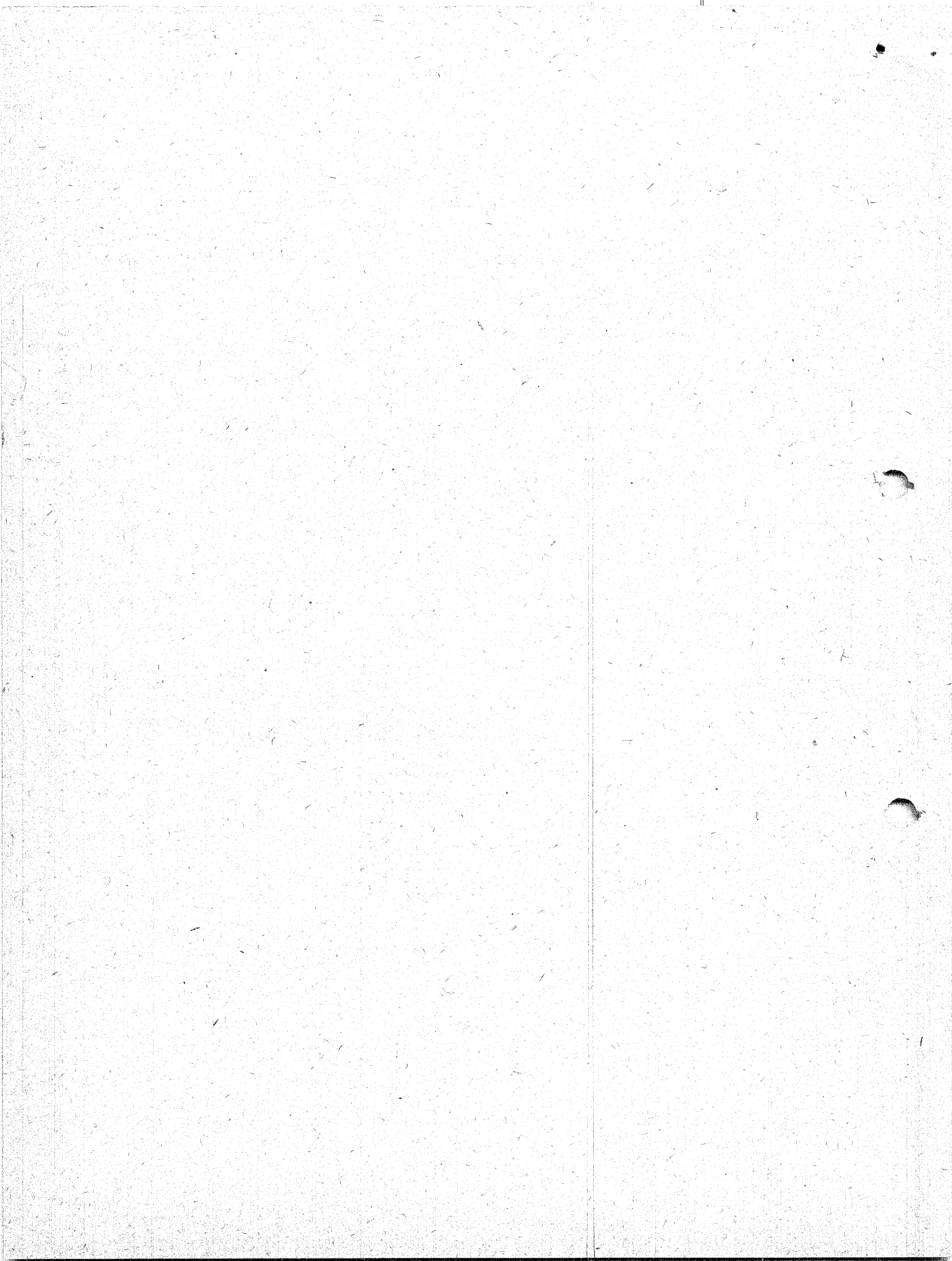


TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
OCTOBER 1948 INCLUDING 681 STATIONS IN 47 STATES

Type of highway and State	Number of stations	Traffic volume percentage change from October 1947	Type of highway and State	Number of stations	Traffic volume percentage change from October 1947
STATE HIGHWAYS			LOCAL HIGHWAYS		
Alabama	4	+18.4	Alabama	2	+ 0.4
Arizona	5	+ 6.9	Connecticut	3	+ 9.3
Arkansas	21	+ 8.2	Delaware	2	-29.7
California	5	+ 2.2	Georgia	3	+ 4.7
Colorado	22	+ 4.3	Indiana	1	+ 0.5
Connecticut	16	+ 6.1	Iowa	6	-16.7
Delaware	4	+ 4.8	Maryland	1	+ 2.7
Florida	16	+ 7.7	Michigan	2	-12.4
Georgia	7	+ 1.5	Missouri	2	+15.8
Idaho	8	+23.4	Montana	2	+ 6.2
Illinois	5	+ 8.7	Nebraska	1	- 5.3
Indiana	21	+ 7.5	North Dakota	2	- 0.9
Iowa	26	+ 7.0	Ohio	1	- 0.2
Kansas	13	+13.2	Oregon	1	+ 2.9
Kentucky	10	+ 4.6	Rhode Island	1	- 1.1
Louisiana	8	+19.7	Wisconsin	1	+16.3
Maine	10	+ 8.9			
Maryland	17	+ 8.7			
Massachusetts	8	+ 3.3			
Michigan	26	+ 0.8			
Minnesota	23	+ 9.7			
Mississippi	10	+11.3			
Missouri	25	+ 1.6			
Montana	12	+13.4			
Nebraska	11	+ 4.7			
Nevada	16	+ 4.5			
New Hampshire	12	+ 9.3			
New Jersey	4	+ 1.6			
New Mexico	16	+ 7.7			
New York	-----	-----			
North Carolina	20	+12.9			
North Dakota	10	+19.0			
Ohio	11	+ 6.4			
Oklahoma	20	+ 5.2			
Oregon	8	+10.9			
Pennsylvania	27	+ 1.1			
Rhode Island	2	+ 6.6			
South Carolina	4	+ 5.1			
South Dakota	10	+10.0			
Tennessee	15	+ 0.9			
Texas	84	+ 9.2			
Utah	11	+11.6			
Vermont	12	- 2.3			
Virginia	1	+ 6.2			
Washington	10	+ 2.9			
West Virginia	10	+14.4			
Wisconsin	8	+ 5.7			
Wyoming	6	+16.7			
TOTAL - 47 STATES	650	+ 6.0	TOTAL - 16 STATES	31	- 0.7
			ALL HIGHWAYS		
			47 STATES	681	+ 4.2
			3 EASTERN REGIONS	180	+ 3.4
			4 CENTRAL REGIONS	379	+ 4.1
			2 WESTERN REGIONS	122	+ 5.8

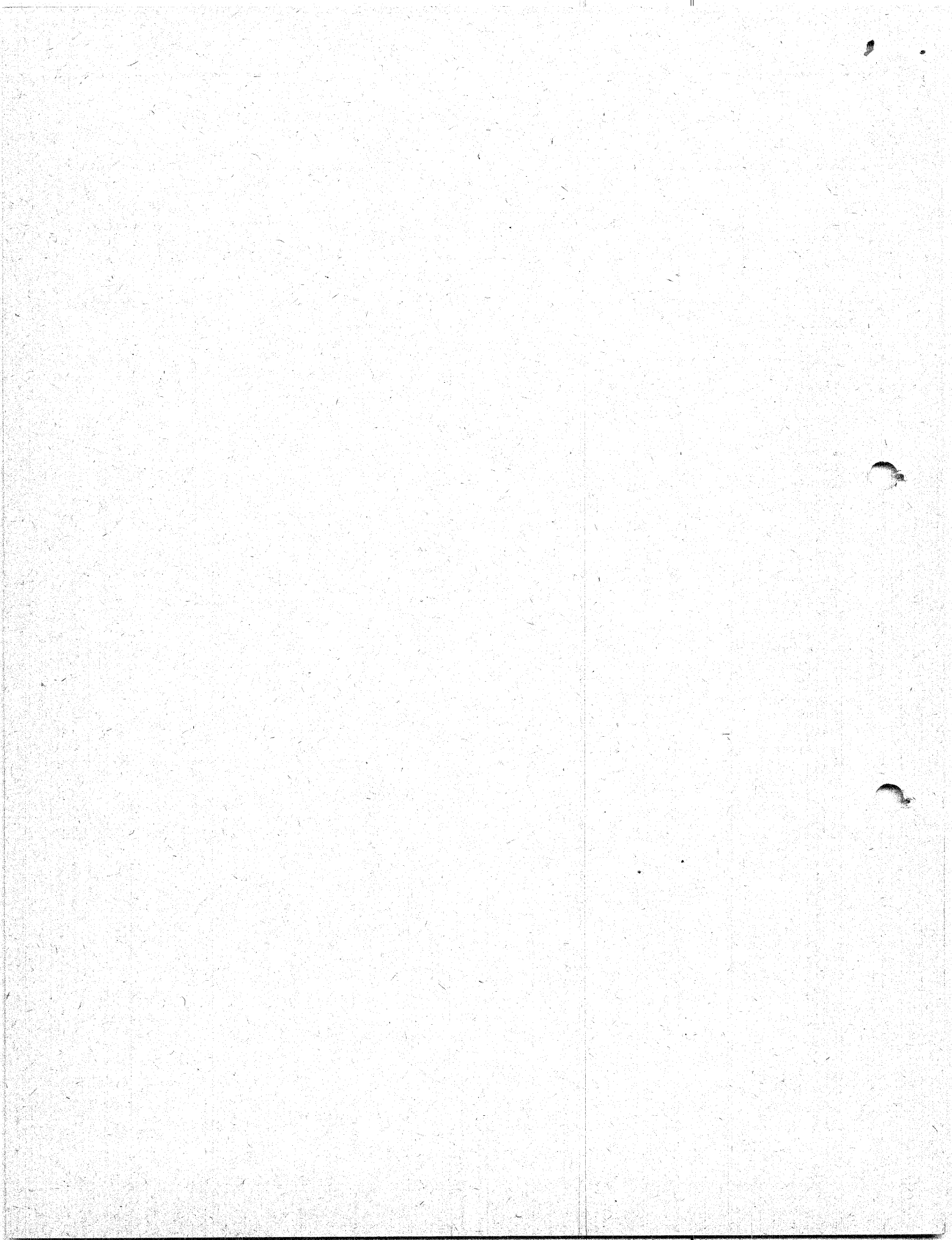


TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
SEPTEMBER 1948 INCLUDING 689 STATIONS IN 47 STATES¹

Region and State	Number of stations	Traffic volume percentage change from September 1947	Region and State	Number of stations	Traffic volume percentage change from September 1947
NEW ENGLAND			EAST SOUTH CENTRAL		
Connecticut	19	+11.6	Alabama	6	+ 9.6
Maine	10	+ 9.1	Kentucky	9	+14.6
Massachusetts	9	+14.2	Mississippi	10	+10.4
New Hampshire	12	+19.9	Tennessee	14	+ 7.6
Rhode Island	2	+25.9	Subtotal	39	+10.9
Vermont	12	+10.0	WEST SOUTH CENTRAL		
Subtotal	64	+12.9	Arkansas	19	+13.0
MIDDLE ATLANTIC			Louisiana	8	+ 8.7
New Jersey	4	+11.4	Oklahoma	20	+ 8.9
New York	----	-----	Texas	85	+ 9.5
Pennsylvania	27	+ 4.6	Subtotal	132	+ 9.6
Subtotal	31	+ 6.4	MOUNTAIN		
SOUTH ATLANTIC			Arizona	5	+ 5.1
Delaware	4	+11.3	Colorado	22	+16.8
Maryland	18	+15.5	Idaho	8	+ 9.5
Virginia	2	+ 8.2	Montana	14	+ 9.7
West Virginia	11	+17.9	Nevada	16	- 0.7
Subtotal north portion	35	+15.2	New Mexico	16	+ 9.4
Florida	18	+ 3.8	Utah	11	+ 9.1
Georgia	10	+ 1.4	Wyoming	6	+13.2
North Carolina	20	+10.6	Subtotal	98	+ 9.5
South Carolina	5	+ 6.1	PACIFIC		
Subtotal south portion	51	+ 6.6	California	5	+10.4
Subtotal region	86	+11.1	Oregon	8	+ 5.0
EAST NORTH CENTRAL			Washington	10	+ 1.6
Illinois	5	+12.1	Subtotal	23	+ 5.3
Indiana	22	+16.0	TOTAL ALL STATES		
Michigan	28	+11.2	689 + 8.7		
Ohio	18	+ 9.1	STATE HIGHWAYS		
Wisconsin	10	+13.8	657 + 9.9		
Subtotal	83	+12.1	LOCAL HIGHWAYS		
WEST NORTH CENTRAL			32 + 5.6		
Iowa	34	+12.5	3 EASTERN REGIONS		
Kansas	13	+17.5	181 + 8.4		
Minnesota	25	+12.6	4 CENTRAL REGIONS		
Missouri	27	+ 5.6	387 + 9.3		
Nebraska	12	+10.0	2 WESTERN REGIONS		
North Dakota	12	+17.9	121 + 7.6		
South Dakota	10	+ 7.4			
Subtotal	133	+10.6			

¹Combined State and local highways.

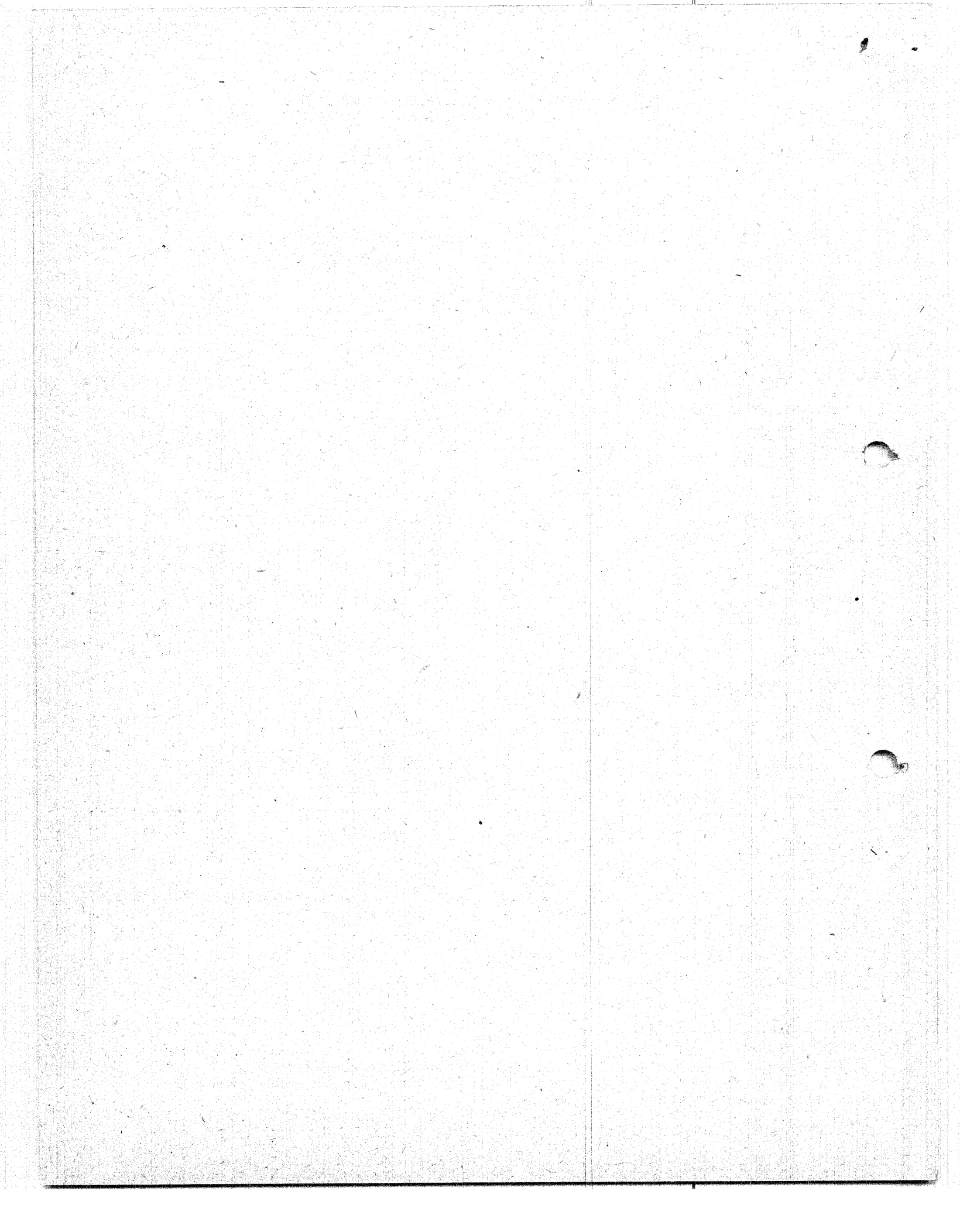


TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES
IN OCTOBER 1948 COMPARED WITH THOSE IN OCTOBER 1947

Facilities	1948			Percentage change from 1947		
	Total	Passenger cars ¹	Trucks and busses	Total	Passenger cars ¹	Trucks and busses
EASTERN REGIONS						
3 in the New England States	845,035	761,936	83,099	+22.3	+23.0	+16.5
14 in the Middle Atlantic States	13,025,160	11,375,772	1,649,388	+ 7.3	+ 8.2	+ 1.3
Pennsylvania Turnpike ²	310,531	241,602	68,929	+10.9	+ 7.6	+24.2
5 in the South Atlantic States	478,954	376,609	102,345	+ 9.3	+10.8	+ 4.2
TOTAL - 23 facilities	14,659,680	12,755,919	1,903,761	+ 8.2	+ 9.1	+ 2.7
CENTRAL REGIONS						
3 on the Great Lakes Canadian border ³	379,747	361,813	17,934	+ 0.1	+ 0.5	- 6.9
1 in the Great Lakes Region	32,875	29,799	3,076	+ 9.8	+ 9.4	+13.5
<i>Subtotal - 4 facilities</i>	<i>412,622</i>	<i>391,612</i>	<i>21,010</i>	<i>+ 0.8</i>	<i>+ 1.1</i>	<i>- 4.4</i>
3 on the Ohio River	341,631	291,405	50,226	+10.2	+10.9	+ 5.9
8 on the Mississippi and St. Crois Rivers St. Louis and North	748,020	640,016	108,004	+ 4.9	+ 5.7	+ 0.4
4 on the Miss. River south of St. Louis	197,484	143,221	54,263	+10.5	+10.4	+10.7
<i>Subtotal - 12 facilities</i>	<i>945,504</i>	<i>783,237</i>	<i>162,267</i>	<i>+ 6.0</i>	<i>+ 6.5</i>	<i>+ 3.6</i>
2 on the Missouri River	167,738	135,861	31,877	+ 3.0	+ 4.9	- 4.4
3 in the West South Central States	29,233	27,839	1,394	+ 4.5	+ 6.2	-20.9
<i>Subtotal - 5 facilities</i>	<i>196,971</i>	<i>183,700</i>	<i>33,271</i>	<i>+ 3.2</i>	<i>+ 5.1</i>	<i>- 5.2</i>
TOTAL - 24 facilities	1,896,728	1,629,954	266,774	+ 5.3	+ 5.8	+ 2.2
WESTERN REGIONS						
1 in California	2,305,439	2,098,179	207,260	+ 1.7	+ 2.5	- 5.1
4 in the Oregon-Washington Area	422,918	368,133	54,785	+ 6.0	+ 5.7	+ 8.1
TOTAL - 5 facilities	2,728,357	2,466,312	262,045	+ 2.4	+ 2.9	- 2.6
UNITED STATES						
TOTAL - 52 facilities	19,284,765	16,852,185	2,432,580	+ 7.0	+ 7.8	+ 2.0

¹Non-revenue vehicles included in report and treated as passenger cars unless otherwise specified.

²Number of vehicles, those using any portion of the facility.

³One of these facilities is in Western New York and therefore is related to similar facilities in the Central States.

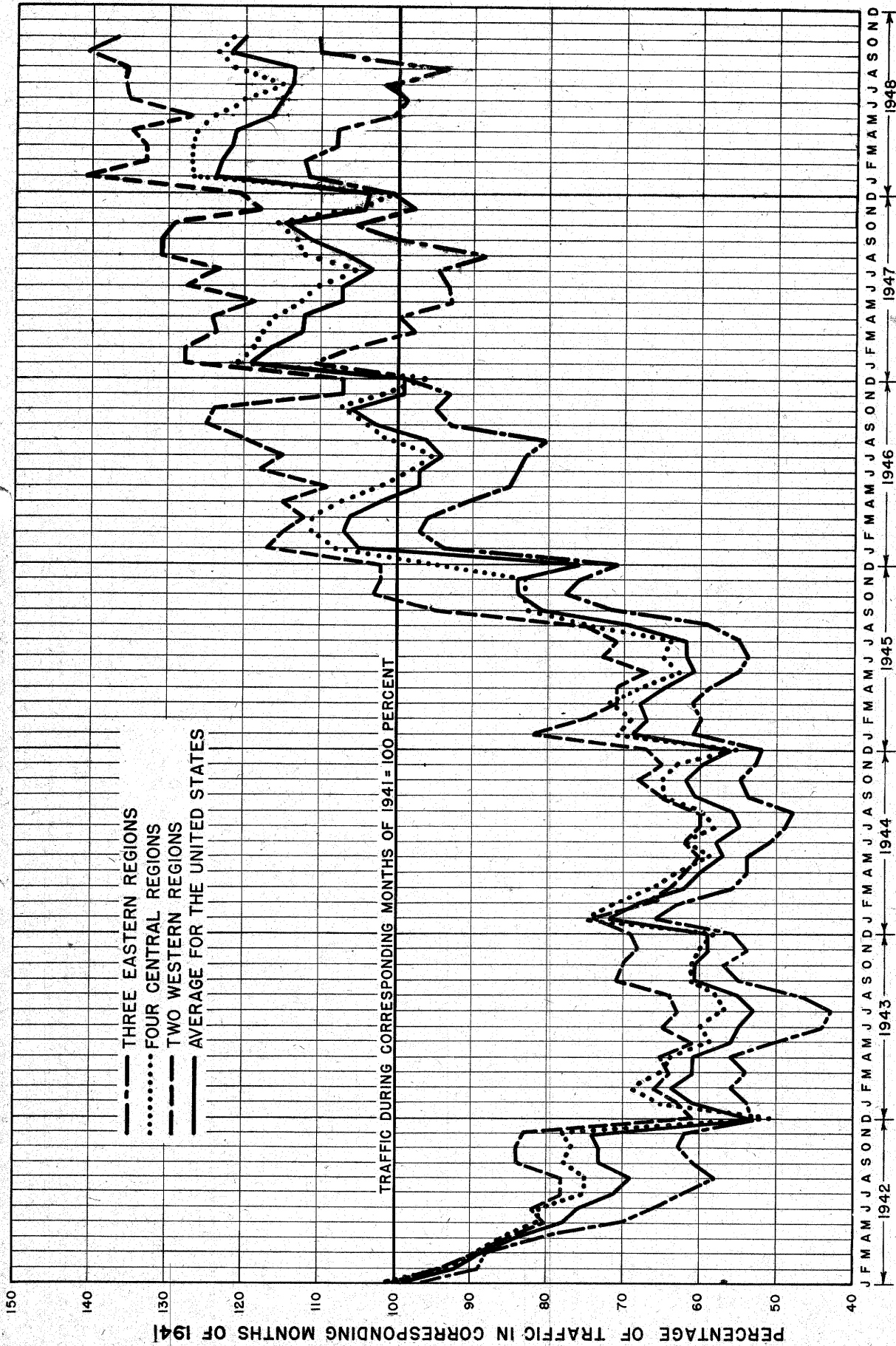
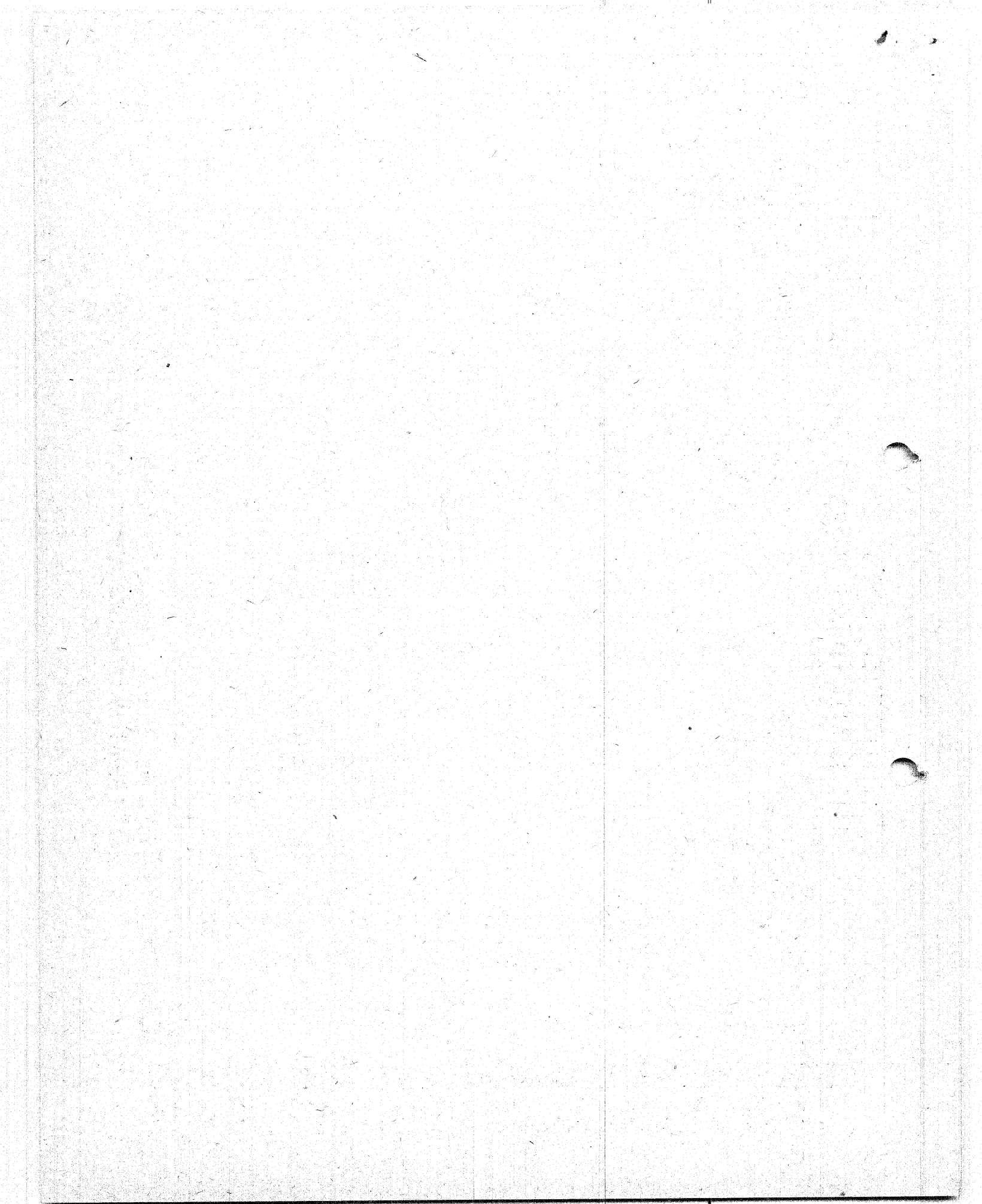


FIGURE 1 - PERCENTAGE RELATIONS OF RURAL TRAFFIC BY MONTHS IN 1942 TO 1948 WITH THAT IN CORRESPONDING MONTHS OF 1941



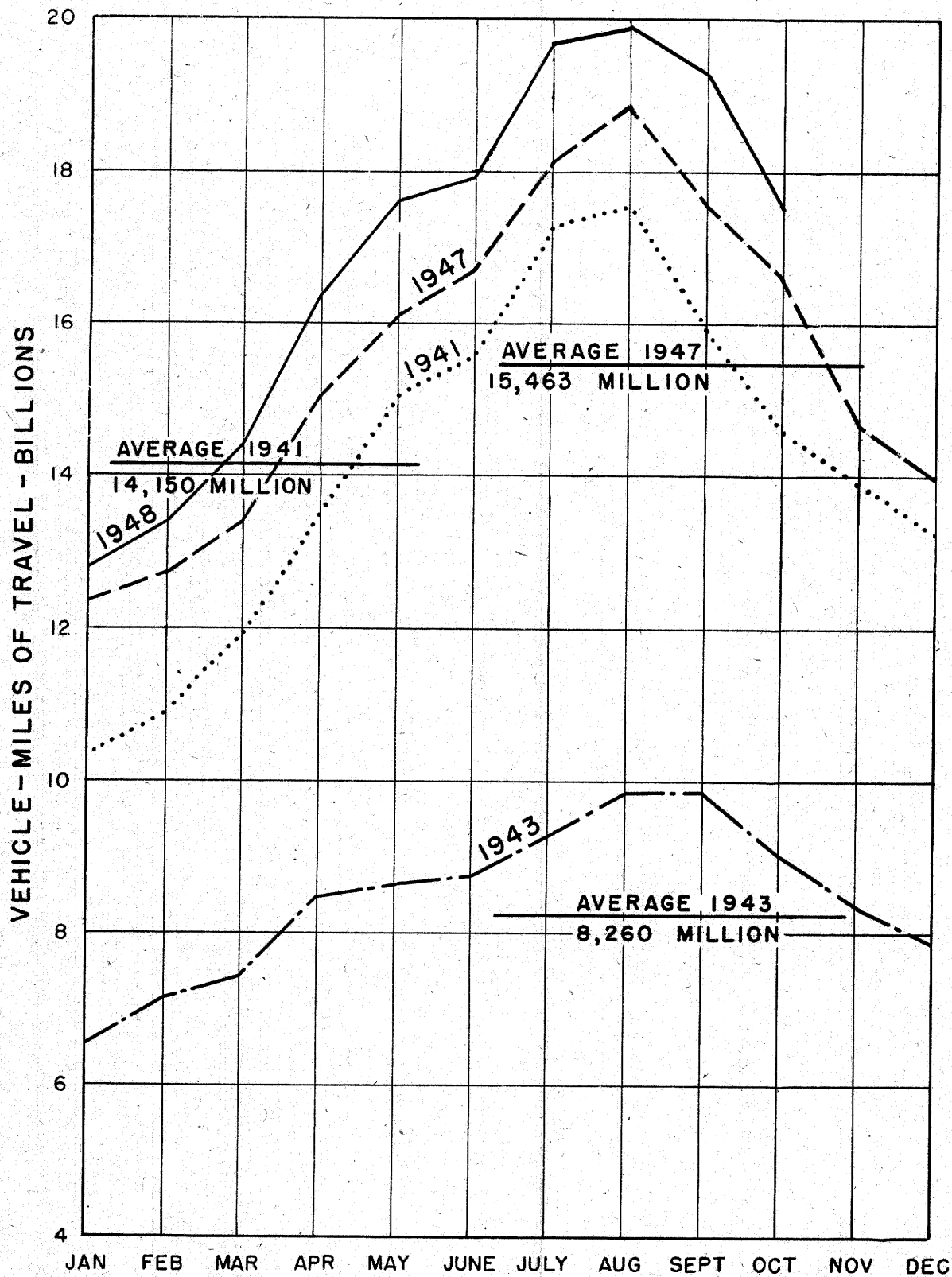


FIGURE 2 - VEHICLE - MILES OF TRAVEL ON ALL RURAL ROADS IN 1941, 1943, 1947 AND 1948

