

PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

Mr Hitchcock

*Annual Article
in P.R.A.
"PUBLIC ROADS"*

VOLUME
1) TRAFFIC TRENDS - JUNE, 1948
or 2) MONTHLY TRAFFIC BULLETIN
INFORMATIONAL MEMORANDUM

*Monthly release
should be condensed if
~~some~~ publishers are to
use it - which they don't
now*

DATE: JUNE 30, 1948
SUBJECT: TRAFFIC VOLUME TRENDS

*This is
not distributable
to the public -
OK to F.A. setup
to eliminate
duplication printing
call it as shown.*

On the basis of preliminary figures, motor vehicle travel on main and local roads during May 1948 was higher than in any previous May.

	Rural traffic in vehicle-miles May 1948 (millions)	Percentage change from		
		1941	1943	1947
Main roads	12,894	+19.7	+112.6	+8.6
Local roads	4,397	+ 1.9	+ 82.5	+3.5

In the eastern regions, travel was a little lower than in 1941 but was higher than in 1947. However, an increase over any previous year was shown in the central and western regions.

	Rural traffic in vehicle-miles May 1948 (millions)	Percentage change from		
		1941	1943	1947
Eastern regions	5,202	- 0.6	+ 99.5	+8.8
Central regions	9,089	+21.6	+105.9	+8.0
Western regions	3,000	+26.2	+106.5	+6.0

Traffic in cities and all roads and streets was heavier than in any previous May.

	Percentage change from		
	1941	1943	1947
City streets	+15.6	+ 74.5	+6.5
All rural roads	+14.6	+104.1	+7.3
Average	+15.1	+ 88.6	+6.9

STATE OF TEXAS
COUNTY OF _____

I, _____, County Clerk of the County of _____, State of Texas, do hereby certify that _____ is the duly qualified _____ of the County of _____, State of Texas, and that _____ is the duly qualified _____ of the County of _____, State of Texas.

Witness my hand and the seal of said County at _____, Texas, this _____ day of _____, 19____.

County Clerk

Notary Public

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

2 stations in Akron, Ohio -----	+ 1.5
3 stations in Columbus, Ohio -----	+ 4.2
1 station in Concord, New Hampshire -----	+ 4.5
2 stations in Dayton, Ohio -----	-23.2
1 station in Denver, Colorado -----	+11.7
3 stations in Detroit, Michigan -----	+23.8
1 station in Grand Junction, Colorado -----	+12.5
12 stations in Washington, D. C. -----	+ 5.0
1 station in Fort Morgan, Colorado -----	+ 3.1
1 station in Loveland, Colorado -----	+25.2
9 stations in Milwaukee, Wisconsin -----	+ 8.4
23 stations in St. Joseph, Missouri -----	+13.8
6 stations in St. Louis, Missouri -----	- 3.1
1 station in Salt Lake City, Utah -----	+18.0
1 station in Santa Fe, New Mexico -----	+ 4.2
6 urban toll facilities -----	+ 2.2

H. S. FAIRBANK, DEPUTY COMMISSIONER
PUBLIC ROADS ADMINISTRATION

Attachments

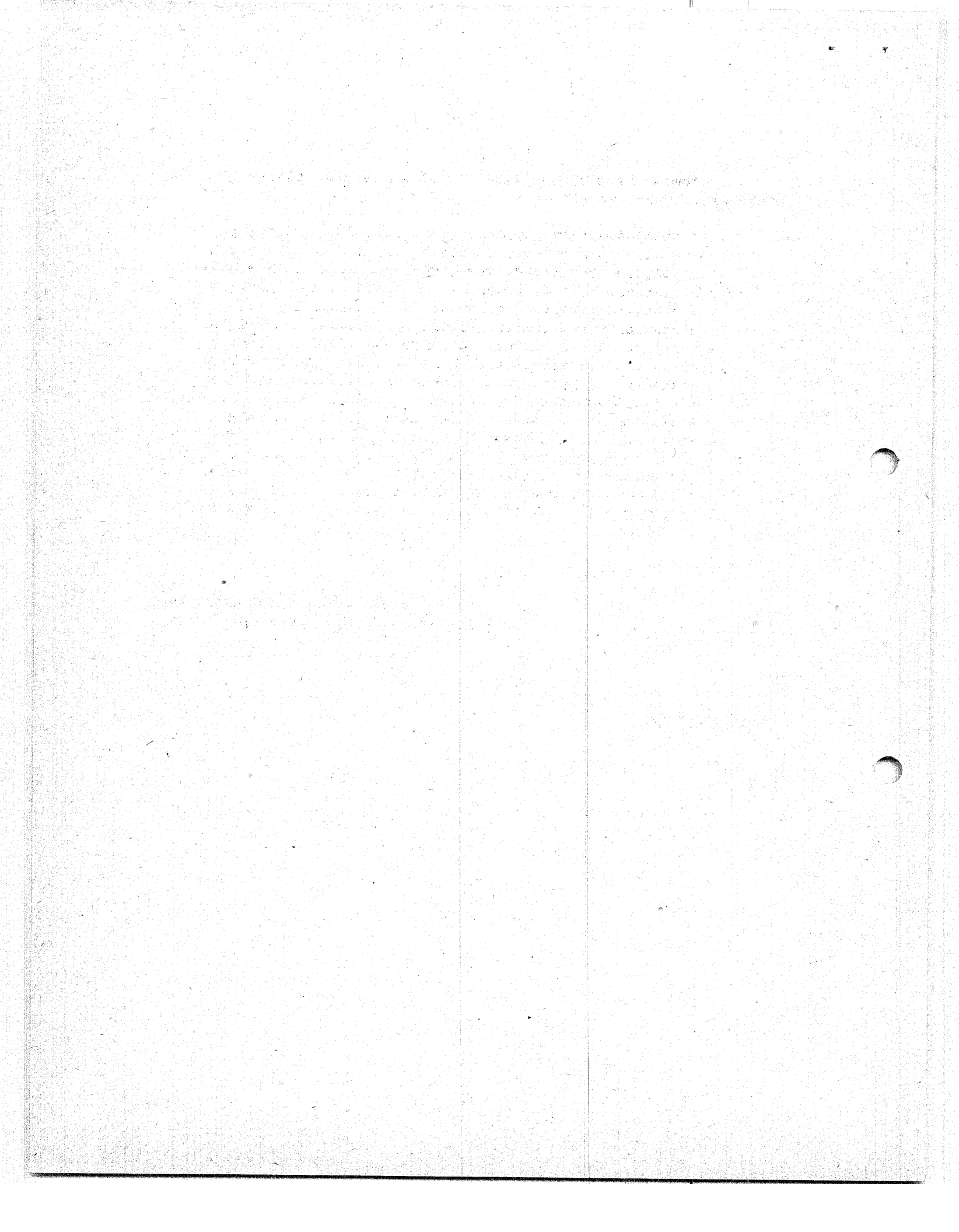


TABLE 1.—PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
MAY 1948 INCLUDING 672 STATIONS IN 45 STATES¹

Type of highway and State	Number of stations	Traffic volume percentage change from May 1947	Type of highway and State	Number of stations	Traffic volume percentage change from May 1947
<i>STATE HIGHWAYS</i>			<i>STATE HIGHWAYS (Continued)</i>		
Alabama	8	+ 8.8	Texas	78	+ 9.9
Arizona	5	+10.7	Utah	11	+11.1
Arkansas	22	+11.5	Vermont	12	+10.0
California	7	+ 3.1	Washington	9	+ 7.2
Colorado	21	+ 8.6	West Virginia	11	+ 6.0
Connecticut	16	+10.7	Wisconsin	9	+10.9
Delaware	4	+ 7.3	Wyoming	6	+12.3
Florida	16	+ 9.6			
Georgia	7	+ 9.2	<i>TOTAL - 45 STATES</i>	640	+ 8.6
Idaho	8	+11.7			
Illinois	6	+15.8	<i>LOCAL HIGHWAYS</i>		
Indiana	21	+12.9	Alabama	2	+ 2.8
Iowa	26	+15.7	Connecticut	3	+ 4.3
Kansas	13	+ 8.0	Georgia	3	+13.1
Kentucky	13	+10.1	Indiana	1	+13.1
Louisiana	8	+21.7	Iowa	8	+ 9.5
Maine	10	+ 8.1	Maryland	1	- 5.3
Maryland	17	+ 7.8	Michigan	2	+15.0
Massachusetts	8	+ 2.7	Missouri	1	-14.0
Michigan	26	+ 7.1	Montana	2	+ 3.3
Minnesota	26	+ 9.3	Nebraska	1	- 0.9
Mississippi	10	+11.4	North Dakota	2	-11.7
Missouri	25	+ 9.2	Ohio	2	+ 1.7
Montana	12	+ 7.0	Oregon	1	+ 5.1
Nebraska	10	+ 8.3	Rhode Island	1	+11.0
New Hampshire	13	+15.4	Tennessee	1	- 3.9
New Jersey	4	- 1.4	Wisconsin	1	+ 9.4
New Mexico	15	+ 9.8			
North Carolina	20	+13.3	<i>TOTAL - 16 STATES</i>	32	+ 3.5
North Dakota	10	+20.5			
Ohio	22	+ 0.4	<i>ALL HIGHWAYS</i>		
Oklahoma	20	+12.8	<i>45 STATES</i>	672	+ 7.3
Oregon	4	+ 5.1			
Pennsylvania	29	+ 9.4	<i>3 EASTERN REGIONS</i>	180	+ 6.8
Rhode Island	1	+ 1.6	<i>4 CENTRAL REGIONS</i>	391	+ 8.0
South Carolina	4	+ 2.8	<i>2 WESTERN REGIONS</i>	101	+ 6.0
South Dakota	10	+16.0			
Tennessee	7	+17.1			

¹Includes all States except Nevada, New York, and Virginia.

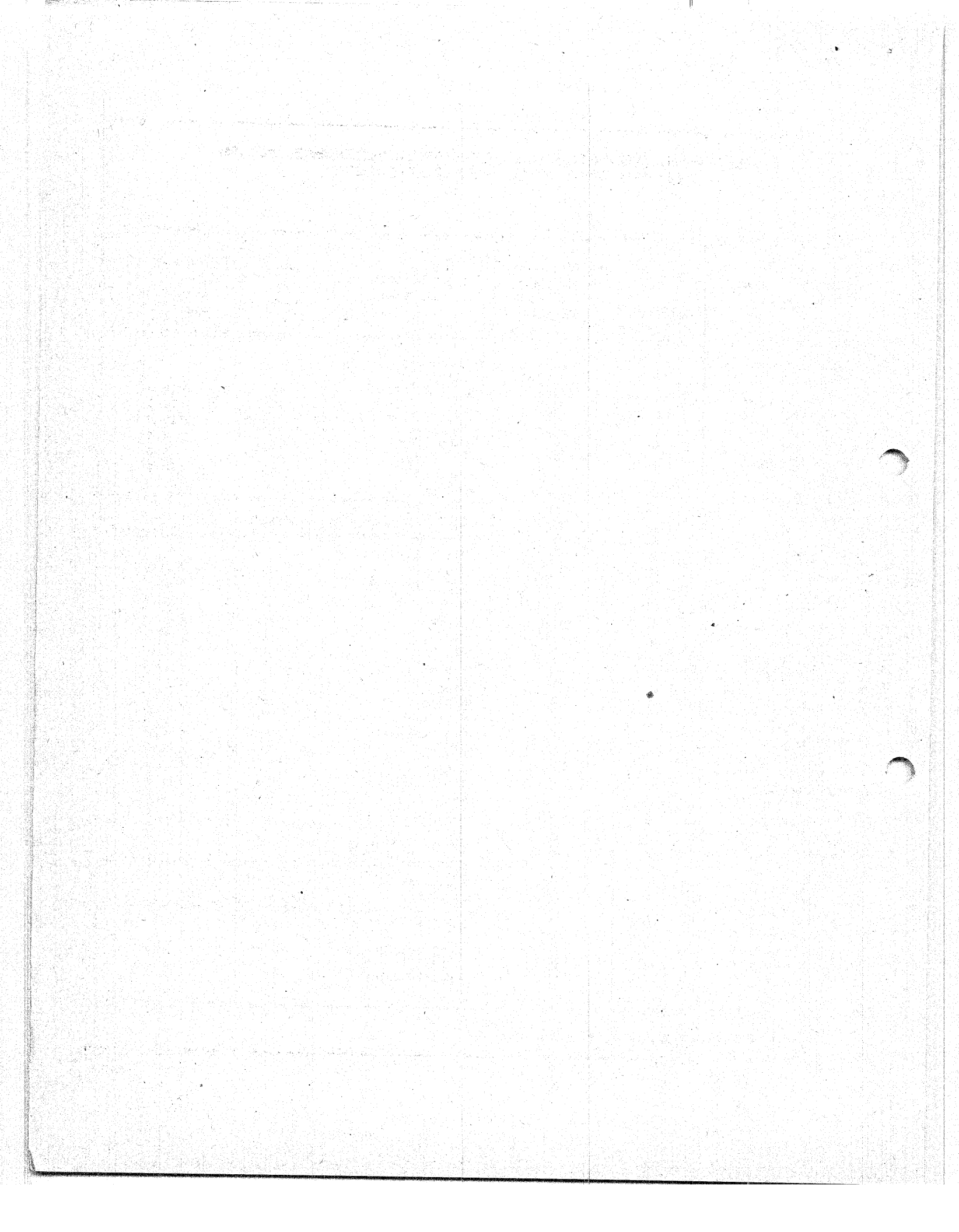


TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
APRIL 1948 INCLUDING 689 STATIONS IN 47 STATES¹

Region and State	Number of stations	Traffic volume percentage change from April 1947	Region and State	Number of stations	Traffic volume percentage change from April 1947
<i>NEW ENGLAND</i>			<i>EAST SOUTH CENTRAL</i>		
Connecticut	19	+ 9.6	Alabama	10	+ 2.1
Maine	10	+ 4.9	Kentucky	11	+ 9.2
Massachusetts	9	+ 8.2	Mississippi	10	+11.2
New Hampshire	13	+16.8	Tennessee	7	+23.3
Rhode Island	3	+24.4	<i>Subtotal</i>	38	+10.4
Vermont	12	+11.2	<i>WEST SOUTH CENTRAL</i>		
<i>Subtotal</i>	66	+10.5	Arkansas	20	+ 8.0
<i>MIDDLE ATLANTIC</i>			Louisiana	8	+19.6
New Jersey	4	+ 0.8	Oklahoma	20	+12.0
Pennsylvania	29	+ 6.7	Texas	79	+ 9.6
<i>Subtotal</i>	33	+ 5.2	<i>Subtotal</i>	127	+11.0
<i>SOUTH ATLANTIC</i>			<i>MOUNTAIN</i>		
Delaware	4	+ 3.8	Arizona	5	+ 3.0
Maryland	18	+ 5.6	Colorado	22	+ 6.0
Virginia	2	+13.2	Idaho	8	+11.7
West Virginia	11	+ 9.8	Montana	14	+10.5
<i>Subtotal north portion</i>	35	+ 6.7	Nevada	16	- 6.7
Florida	18	+ 9.6	New Mexico	15	+ 7.3
Georgia	10	+ 6.7	Utah	11	+12.2
North Carolina	20	+11.4	Wyoming	6	+ 9.5
South Carolina	4	+ 5.8	<i>Subtotal</i>	97	+ 6.2
<i>Subtotal south portion</i>	52	+ 9.5	<i>PACIFIC</i>		
<i>Subtotal region</i>	87	+ 8.1	California	3	+ 9.6
<i>EAST NORTH CENTRAL</i>			Oregon	5	+ 7.6
Illinois	6	+20.5	Washington	9	+ 6.8
Indiana	22	+14.4	<i>Subtotal</i>	17	+ 7.7
Michigan	28	+ 8.1	<i>TOTAL ALL STATES</i> ²	689	+ 8.5
Ohio	23	+ 0.1	<i>STATE HIGHWAYS</i> ²	656	+10.8
Wisconsin	10	+11.3	<i>LOCAL HIGHWAYS</i>	33	+ 2.6
<i>Subtotal</i>	89	+ 8.1	<i>3 EASTERN REGIONS</i>	186	+ 7.9
<i>WEST NORTH CENTRAL</i>			<i>4 CENTRAL REGIONS</i>	389	+ 8.8
Iowa	34	+15.5	<i>2 WESTERN REGIONS</i>	114	+ 8.5
Kansas	14	+12.5			
Minnesota	26	+ 9.9			
Missouri	27	+ 9.2			
Nebraska	12	+ 8.0			
North Dakota	12	+22.8			
South Dakota	10	+17.7			
<i>Subtotal</i>	135	+11.7			

¹Combined State and local highways.

²Includes all States except the following: New York.

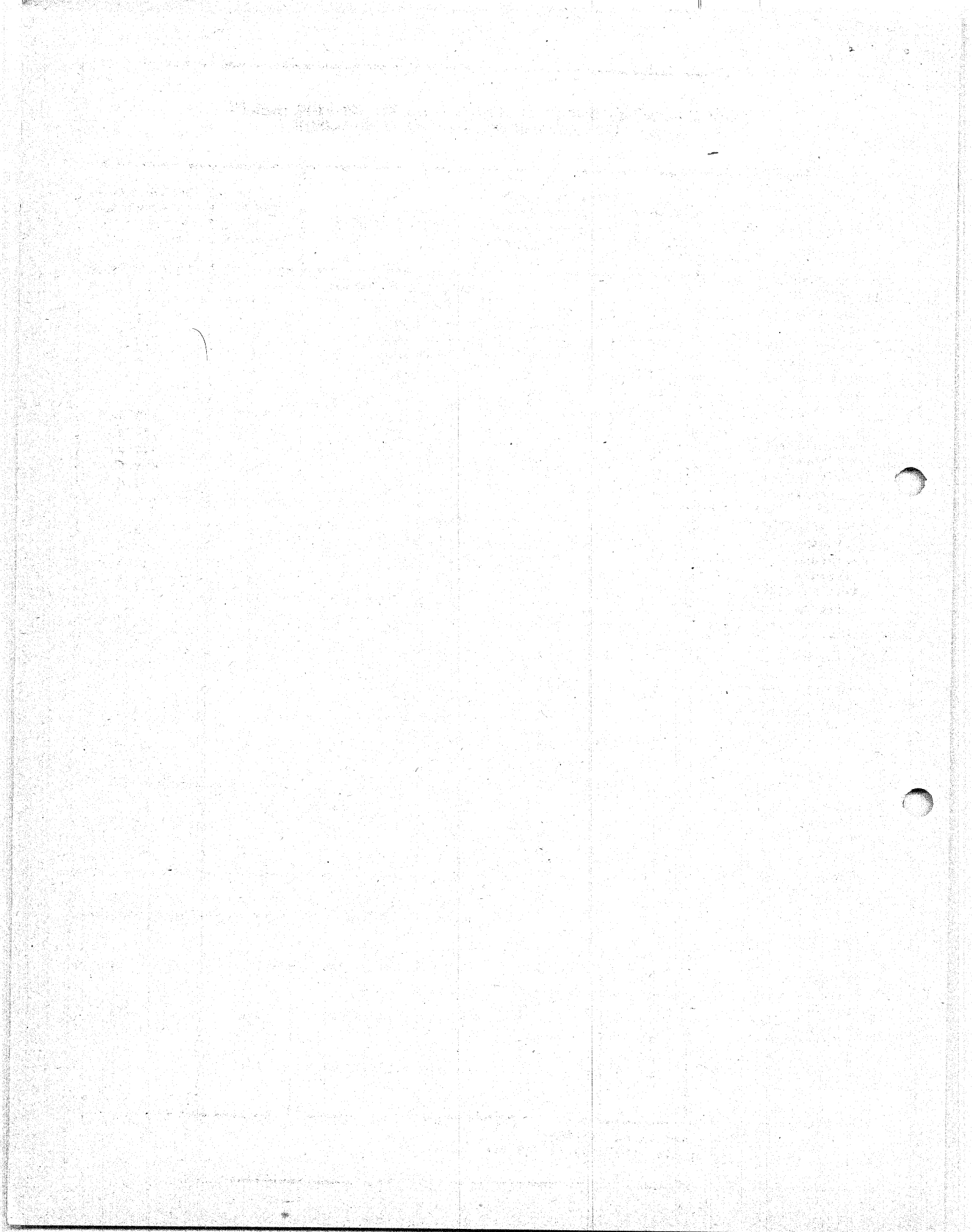


TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES IN MAY 1948 COMPARED WITH THOSE IN MAY 1947

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	732,578	665,459	67,119	+21.0	+21.9	+12.8
16 in the Middle Atlantic States	13,683,968	12,075,582	1,608,386	+13.4	+14.2	+ 7.8
Pennsylvania Turnpike ²²	297,890	237,364	60,526	+22.4	+19.5	+35.4
5 in the South Atlantic States	501,668	406,019	95,649	+10.7	+10.1	+13.1
TOTAL - 25 facilities	15,216,104	13,384,424	1,831,680	+13.8	+14.5	+ 9.0
CENTRAL REGIONS						
3 on the Great Lakes Canadian Border ³	461,192	444,757	16,435	+31.8	+33.3	+ 0.6
1 in the Great Lakes Region	27,587	24,682	2,905	+25.9	+25.5	+30.0
Subtotal - 4 facilities	488,779	469,439	19,340	+31.4	+32.9	+ 4.2
3 on the Ohio River	345,131	298,368	46,763	+15.2	+16.1	+ 9.7
7 on the Mississippi and St. Croix Rivers						
St. Louis and North	779,009	677,075	101,934	+ 6.6	+ 6.2	+ 9.4
4 on the Mississippi River south of St. Louis	178,038	139,367	38,671	+18.2	+17.1	+22.3
Subtotal - 11 facilities	957,047	816,442	140,605	+ 8.6	+ 7.9	+12.6
3 on the Missouri River	170,985	139,413	31,572	+ 3.5	+ 3.9	+ 1.7
3 in the West South Central States	29,509	27,502	2,001	+ 4.5	+ 4.8	+ 0.7
Subtotal - 6 facilities	200,494	166,915	33,579	+ 3.6	+ 4.1	+ 1.6
TOTAL - 24 facilities	1,991,451	1,751,164	240,287	+14.0	+14.7	+ 9.7
WESTERN REGIONS						
2 in California	2,934,095	2,671,592	262,503	+ 0.4	+ 0.5	- 0.02
4 in the Oregon-Washington Area	428,810	381,066	47,744	+ 4.8	+ 4.6	+ 6.0
TOTAL - 6 facilities	3,362,905	3,052,658	310,247	+ 1.0	+ 1.0	+ 0.9
UNITED STATES						
TOTAL - 55 facilities	20,570,460	18,188,246	2,382,214	+11.5	+12.0	+ 7.9

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

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

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

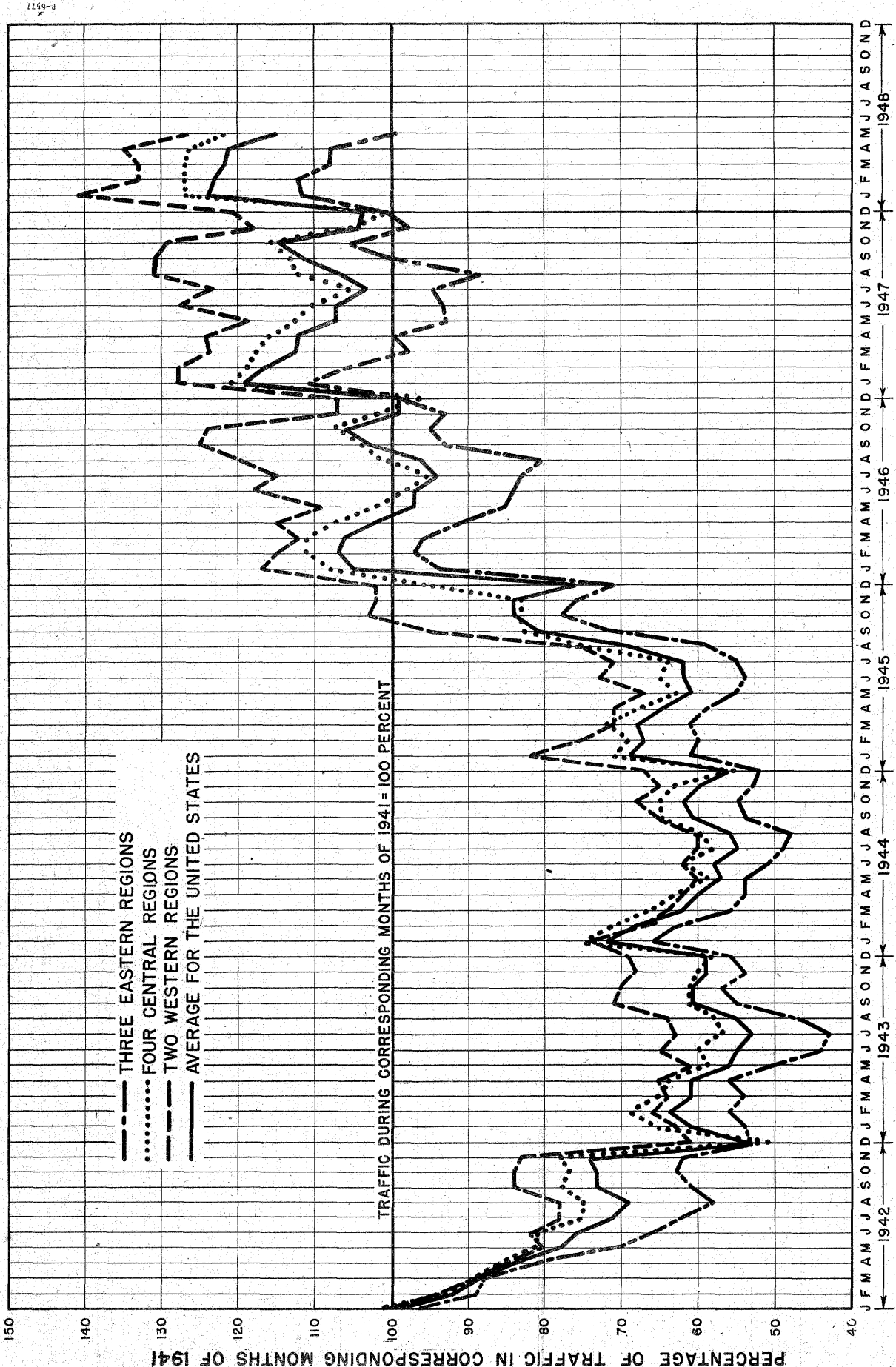


FIGURE 1 - PERCENTAGE RELATIONS OF RURAL TRAFFIC BY MONTHS IN 1942 TO 1948 WITH THAT IN CORRESPONDING MONTHS OF 1941

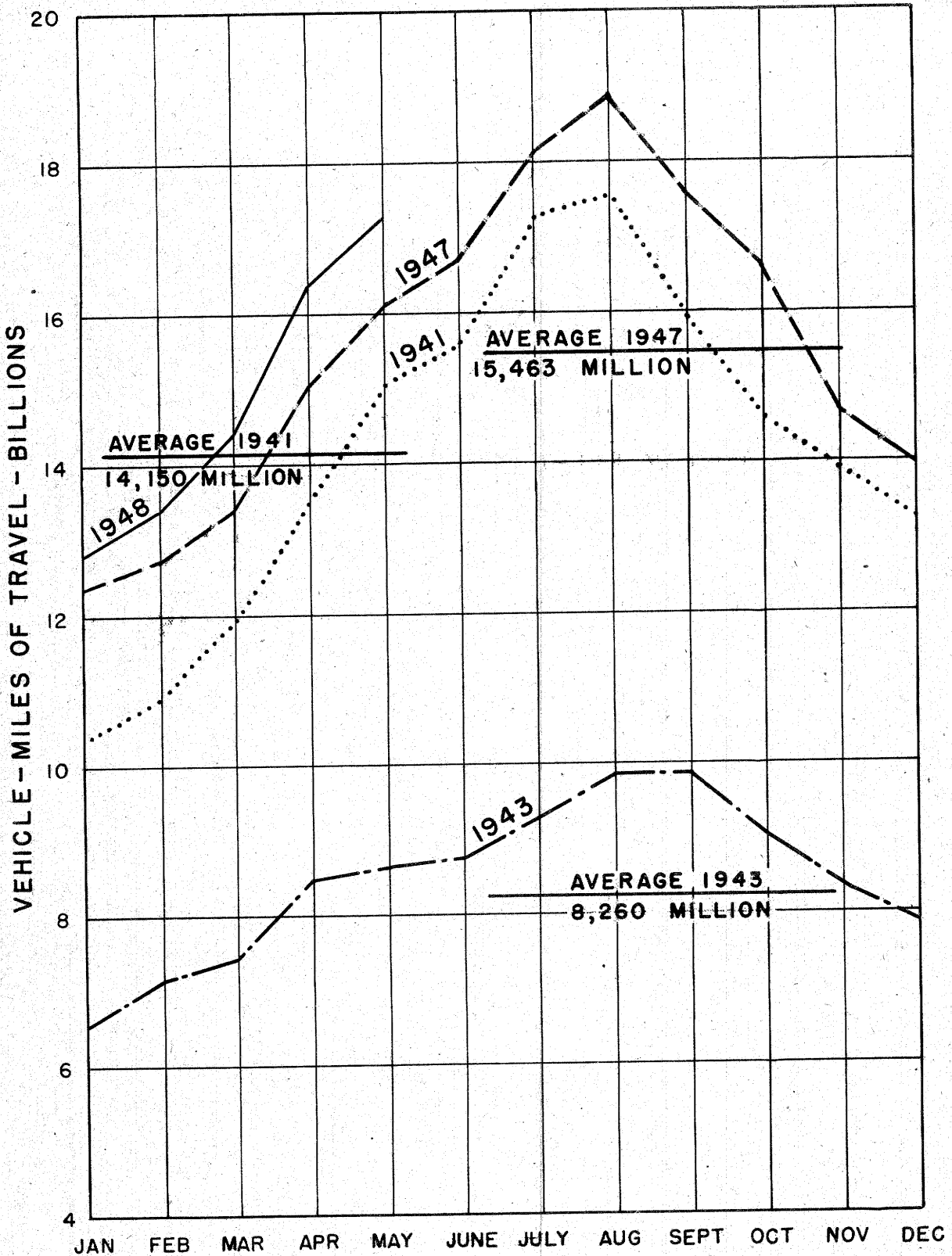


FIGURE 2 - VEHICLE - MILES OF TRAVEL ON ALL RURAL ROADS IN 1941, 1943, 1947 AND 1948

PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY
TRAFFIC VOLUME TRENDS
June 1948

On the basis of preliminary figures, motor vehicle travel on main and local roads for the country as a whole was higher during June 1948 than in any previous June.

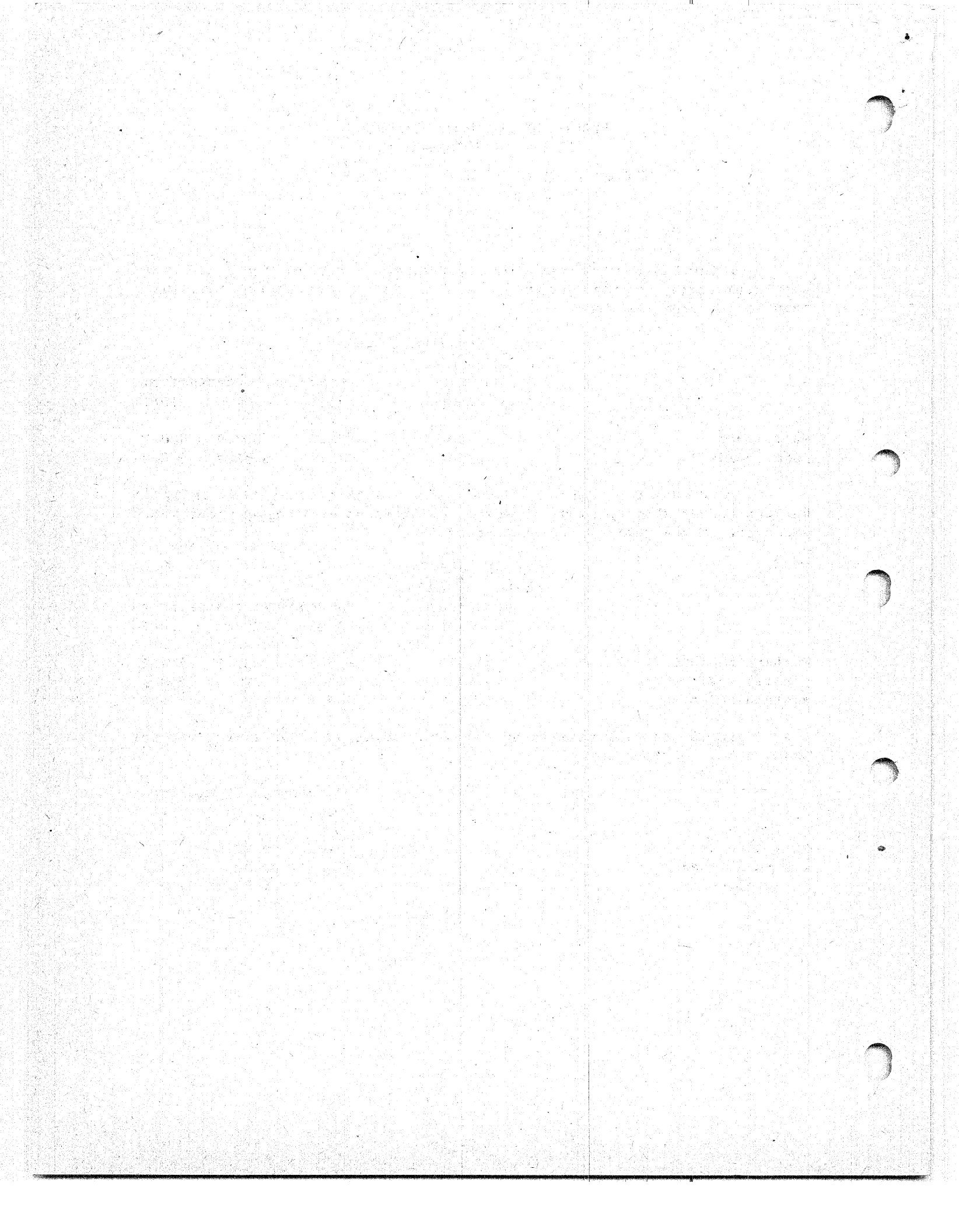
	Rural traffic in vehicle-miles June 1948 (Millions)	Percentage change from		
		1941	1943	1947
Main roads	13,350	+18.2	+117.7	+ 6.7
Local roads	4,464	+ 3.9	+ 82.7	+ 6.9

In the eastern regions, travel was a little lower than in 1941 but was higher than in 1947. However, an increase over any previous year was shown in the central and western regions.

	Rural traffic in vehicle-miles June 1948 (Millions)	Percentage change from		
		1941	1943	1947
Eastern regions	5,290	- 2.8	+122.3	+ 4.3
Central regions	9,263	+19.8	+100.5	+ 8.9
Western regions	3,261	+35.0	+107.3	+ 5.8

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

	Percentage change from		
	1941	1943	1947
City streets	+12.2	+ 77.5	+ 3.7
All rural roads	+14.8	+107.7	+ 6.9
Average	+13.3	+ 92.0	+ 5.3



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

2 stations in Akron, Ohio	- 1.4
6 stations in Chicago, Illinois	+ 2.8
2 stations in Columbus, Ohio	+ 5.3
1 station in Concord, New Hampshire	+10.2
1 station in Dayton, Ohio	-15.7
1 station in Denver, Colorado	+12.0
7 stations in Washington, D. C.	+ 6.9
1 station in Harpers Ferry, West Virginia	+ 4.7
1 station in Fort Morgan, Colorado	+17.6
1 station in Loveland, Colorado	-22.0
9 stations in Milwaukee, Wisconsin	+13.2
7 stations in St. Louis, Missouri	- 5.1
1 station in Salt Lake City, Utah	+21.5
1 station in Santa Fe, New Mexico	+ 8.3
6 urban toll facilities	+ 3.0

H. S. Fairbank, Deputy Commissioner
Public Roads Administration

Attachments

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TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
JUNE 1948 INCLUDING 593 STATIONS IN 42 STATES

Type of highway and State	Number of stations	Traffic volume percentage change from June 1947	Type of highway and State	Number of stations	Traffic volume percentage change from June 1947
<i>STATE HIGHWAYS</i>			<i>LOCAL HIGHWAYS</i>		
Alabama	8	+ 6.3	Alabama	1	- 1.9
Arizona	5	+ 6.6	Connecticut	3	+ 0.4
Arkansas	20	+ 9.9	Indiana	1	+14.5
California	5	+ 0.5	Iowa	8	+11.7
Colorado	20	+12.1	Maryland	1	+ 2.4
Connecticut	16	+ 8.8	Montana	2	+ 7.8
Delaware	4	0.0	Nebraska	1	- 3.8
Florida	----	-----	North Dakota	2	+ 2.0
Georgia	----	-----	Ohio	2	+12.6
Idaho	8	+ 5.7	Oregon	1	+19.6
Illinois	6	+19.2	Rhode Island	1	+ 2.8
Indiana	21	+10.7	Wisconsin	1	+18.0
Iowa	26	+17.0			
Kansas	13	+ 6.5			
Kentucky	11	+11.4			
Louisiana	8	+18.9			
Maine	10	+ 0.8			
Maryland	17	+ 7.7			
Massachusetts	8	+ 4.6			
Michigan	----	-----			
Minnesota	----	-----			
Mississippi	10	+ 6.2			
Missouri	24	+ 7.8			
Montana	12	+ 4.8			
Nebraska	11	+ 8.3			
Nevada	16	+ 1.1			
New Hampshire	13	+ 6.9			
New Jersey	4	- 3.7			
New Mexico	16	+10.8			
New York	----	-----			
North Carolina	19	+11.8			
North Dakota	9	+14.7			
Ohio	16	+10.3			
Oklahoma	20	+ 2.5			
Oregon	4	- 1.2			
Pennsylvania	28	+ 3.7			
Rhode Island	1	- 0.4			
South Carolina	5	- 9.4			
South Dakota	10	+ 7.1			
Tennessee	8	+19.7			
Texas	84	+ 7.6			
Utah	11	+ 6.2			
Vermont	6	+ 3.1			
Virginia	----	-----			
Washington	10	+ 0.3			
West Virginia	11	+14.2			
Wisconsin	9	+ 7.2			
Wyoming	6	+ 8.5			
<i>TOTAL - 42 STATES</i>	569	+ 6.9			
			<i>TOTAL - 12 STATES</i>	24	+ 6.9
			<i>ALL HIGHWAYS</i>		
			<i>42 STATES</i>	593	+ 6.9
			<i>3 EASTERN REGIONS</i>	147	+ 4.3
			<i>4 CENTRAL REGIONS</i>	330	+ 8.9
			<i>2 WESTERN REGIONS</i>	116	+ 5.8

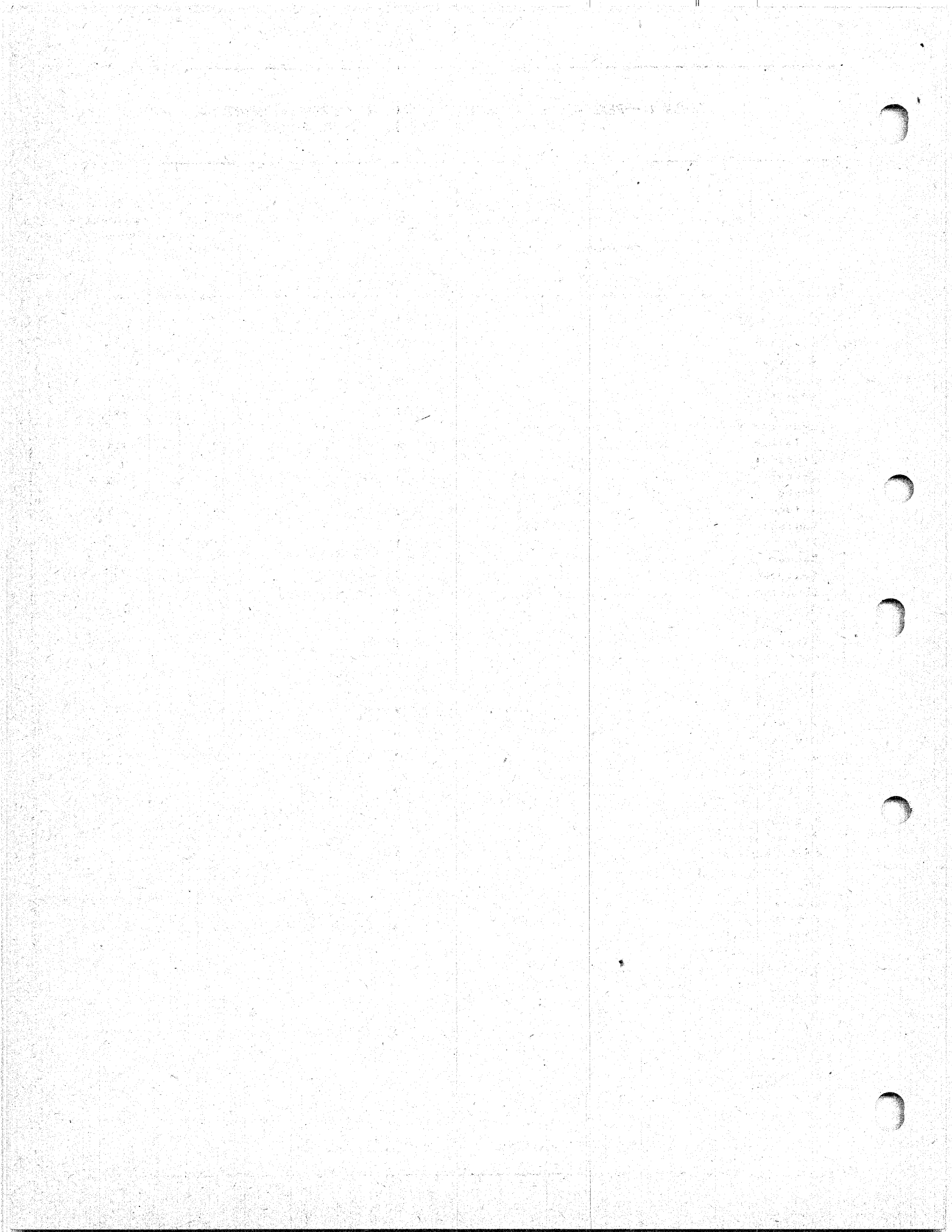


TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
MAY 1948 INCLUDING 692 STATIONS IN 47 STATES¹

Region and State	Number of stations	Traffic volume percentage change from May 1947	Region and State	Number of stations	Traffic volume percentage change from May 1947
<i>NEW ENGLAND</i>			<i>EAST SOUTH CENTRAL</i>		
Connecticut	19	+10.5	Alabama	10	+ 8.3
Maine	10	+ 8.1	Kentucky	13	+10.1
Massachusetts	8	+ 2.7	Mississippi	10	+11.4
New Hampshire	13	+15.4	Tennessee	8	+16.0
Rhode Island	2	+ 3.2	Subtotal	41	+11.1
Vermont	12	+10.0	<i>WEST SOUTH CENTRAL</i>		
Subtotal	64	+ 9.1	Arkansas	22	+11.5
<i>MIDDLE ATLANTIC</i>			Louisiana	8	+21.7
New Jersey	4	- 1.4	Oklahoma	20	+12.8
New York			Texas	78	+ 9.9
Pennsylvania	29	+ 9.4	Subtotal	128	+11.8
Subtotal	33	+ 6.4	<i>MOUNTAIN</i>		
<i>SOUTH ATLANTIC</i>			Arizona	5	+10.7
Delaware	4	+ 7.3	Colorado	22	+13.2
Maryland	18	+ 7.8	Idaho	8	+11.7
Virginia	3	+10.2	Montana	14	+ 6.8
West Virginia	11	+10.9	Nevada	16	- 1.2
Subtotal north portion	36	+ 7.1	New Mexico	15	+ 9.8
Florida	16	+ 9.6	Utah	11	+11.1
Georgia	10	+ 9.4	Wyoming	6	+12.3
North Carolina	20	+13.3	Subtotal	97	+ 9.6
South Carolina	4	+ 2.8	<i>PACIFIC</i>		
Subtotal south portion	50	+10.9	California	7	+ 5.4
Subtotal region	86	+ 9.1	Oregon	5	+ 5.1
<i>EAST NORTH CENTRAL</i>			Washington	9	+ 7.2
Illinois	6	+15.8	Subtotal	21	+ 5.9
Indiana	22	+12.9	<i>TOTAL ALL STATES</i>		
Michigan	28	+ 7.2	692		
Ohio	23	+ 5.5	<i>STATE HIGHWAYS</i>		
Wisconsin	10	+10.9	659		
Subtotal	89	+ 8.7	<i>LOCAL HIGHWAYS</i>		
<i>WEST NORTH CENTRAL</i>			33		
Iowa	34	+15.5	<i>3 EASTERN REGIONS</i>		
Kansas	13	+ 8.0	183		
Minnesota	26	+ 9.3	<i>4 CENTRAL REGIONS</i>		
Missouri	27	+ 8.8	391		
Nebraska	11	+ 8.2	<i>2 WESTERN REGIONS</i>		
North Dakota	12	+18.9	118		
South Dakota	10	+16.0			
Subtotal	133	+10.8			

¹ Combined State and local highways.

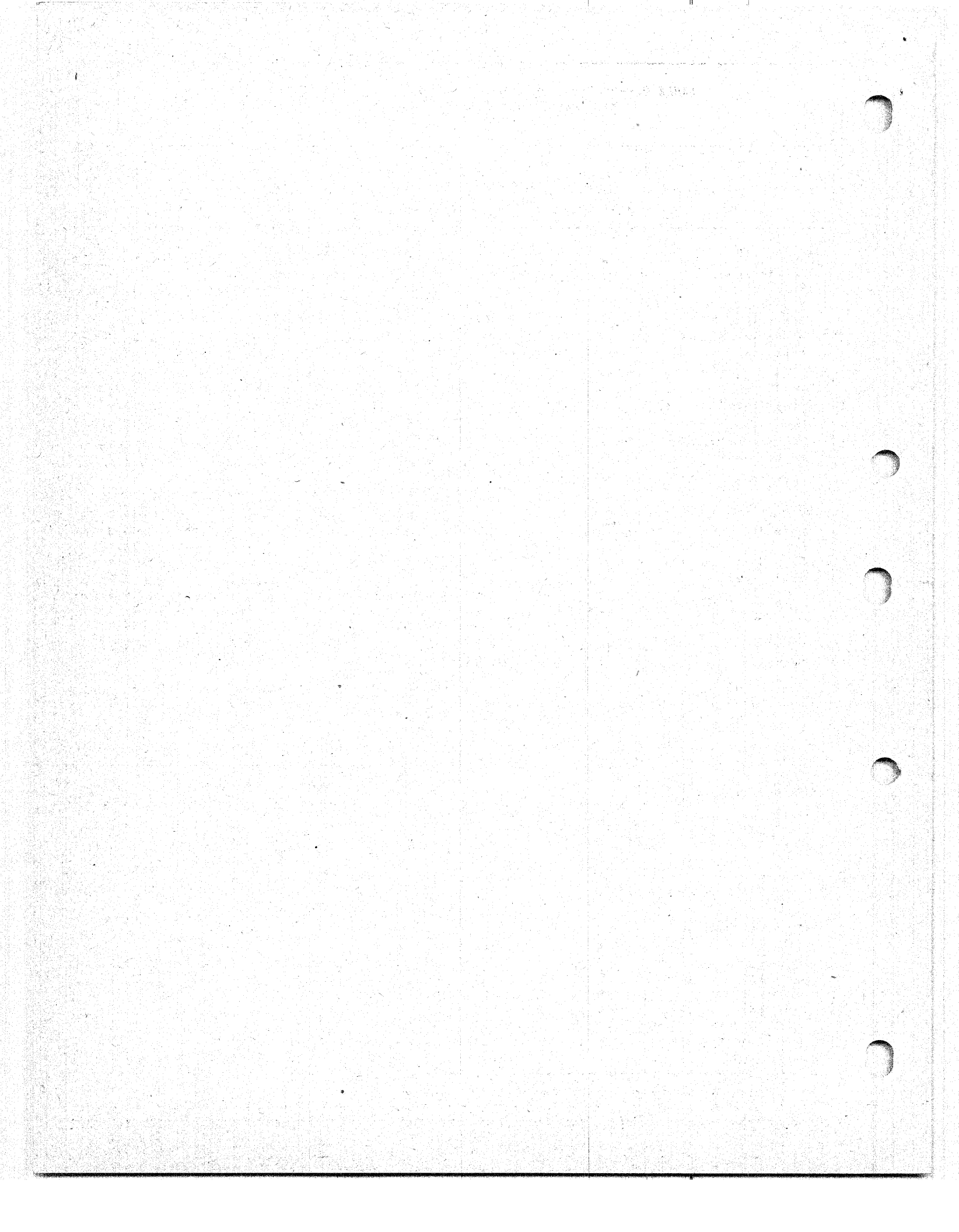


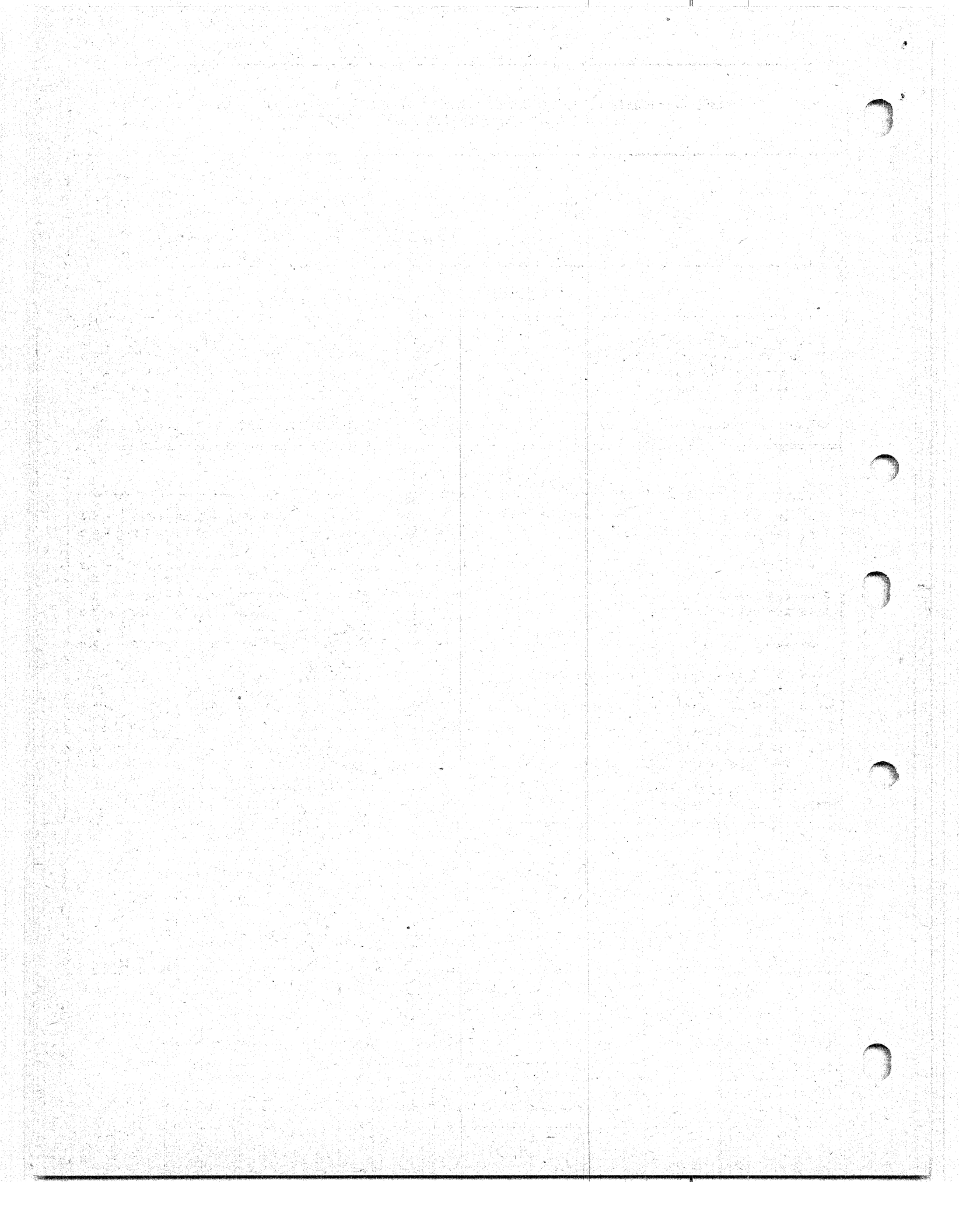
TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES
IN JUNE 1948 COMPARED WITH THOSE IN JUNE 1947

Facilities	1948			Percentage change from 1947		
	Total	Passenger cars ¹	Trucks and busses	Total	Passenger cars ¹	Trucks and busses
<i>EASTERN REGIONS</i>						
3 in the New England States	769,047	695,933	73,114	+15.1	+14.9	+17.2
15 in the Middle Atlantic States	13,895,880	12,152,314	1,743,566	+ 8.7	+ 7.8	+15.5
Pennsylvania Turnpike ²	341,590	277,568	64,022	+13.3	+ 5.9	+62.9
5 in the South Atlantic States	511,979	408,220	103,759	+ 8.0	+ 5.6	+18.8
TOTAL - 24 facilities	15,518,496	13,534,035	1,984,461	+ 9.1	+ 8.0	+16.8
<i>CENTRAL REGIONS</i>						
3 on the Great Lakes Canadian Border ³	562,766	544,410	18,356	+10.1	+10.3	+ 5.6
1 in the Great Lakes Region	45,556	42,399	3,157	- 0.7	- 1.9	+17.8
<i>Subtotal - 4 facilities</i>	<i>608,322</i>	<i>586,809</i>	<i>21,513</i>	<i>+ 9.2</i>	<i>+ 9.3</i>	<i>+ 7.2</i>
3 on the Ohio River	387,160	347,582	39,578	+18.5	+21.7	- 3.7
1 in Kentucky	13,630	9,717	3,913	- 8.9	-11.3	- 2.2
<i>Subtotal - 4 facilities</i>	<i>400,790</i>	<i>357,299</i>	<i>43,491</i>	<i>+17.3</i>	<i>+20.5</i>	<i>- 3.6</i>
7 on the Mississippi and St. Croix Rivers St. Louis and North	921,545	796,330	125,215	+ 4.7	+ 3.5	+12.9
4 on the Mississippi River south of St. Louis	175,664	136,917	38,747	+13.6	+ 9.0	+33.5
<i>Subtotal - 11 facilities</i>	<i>1,097,209</i>	<i>933,247</i>	<i>163,962</i>	<i>+ 6.0</i>	<i>+ 4.3</i>	<i>+17.2</i>
4 on the Missouri River	205,474	169,050	36,424	+10.0	+ 9.5	+12.4
3 in the West South Central States	27,705	25,807	1,898	+ 8.3	+ 8.6	+ 5.0
<i>Subtotal - 7 facilities</i>	<i>233,179</i>	<i>194,857</i>	<i>38,322</i>	<i>+ 9.8</i>	<i>+ 9.4</i>	<i>+12.1</i>
TOTAL - 26 facilities	2,339,500	2,072,212	267,288	+ 9.0	+ 8.7	+11.7
<i>WESTERN REGIONS</i>						
3 in the Oregon-Washington Area	425,036	372,915	52,121	+ 7.3	+ 5.6	+21.1
<i>UNITED STATES</i>						
TOTAL - 53 facilities	18,283,032	15,979,162	2,303,870	+ 9.0	+ 8.1	+16.3

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.



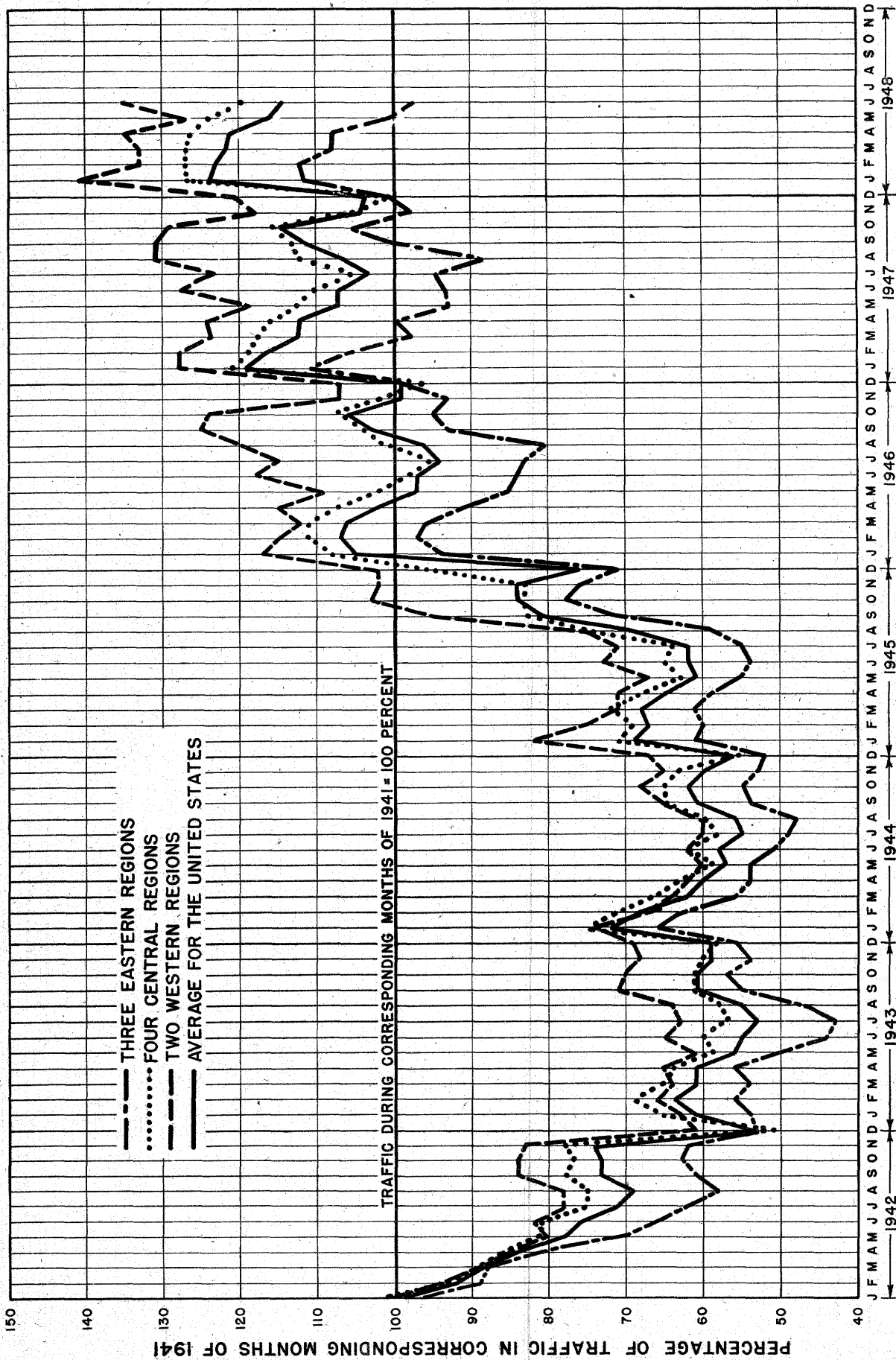


FIGURE 1 - PERCENTAGE RELATIONS OF RURAL TRAFFIC BY MONTHS IN 1942 TO 1948 WITH THAT IN CORRESPONDING MONTHS OF 1941

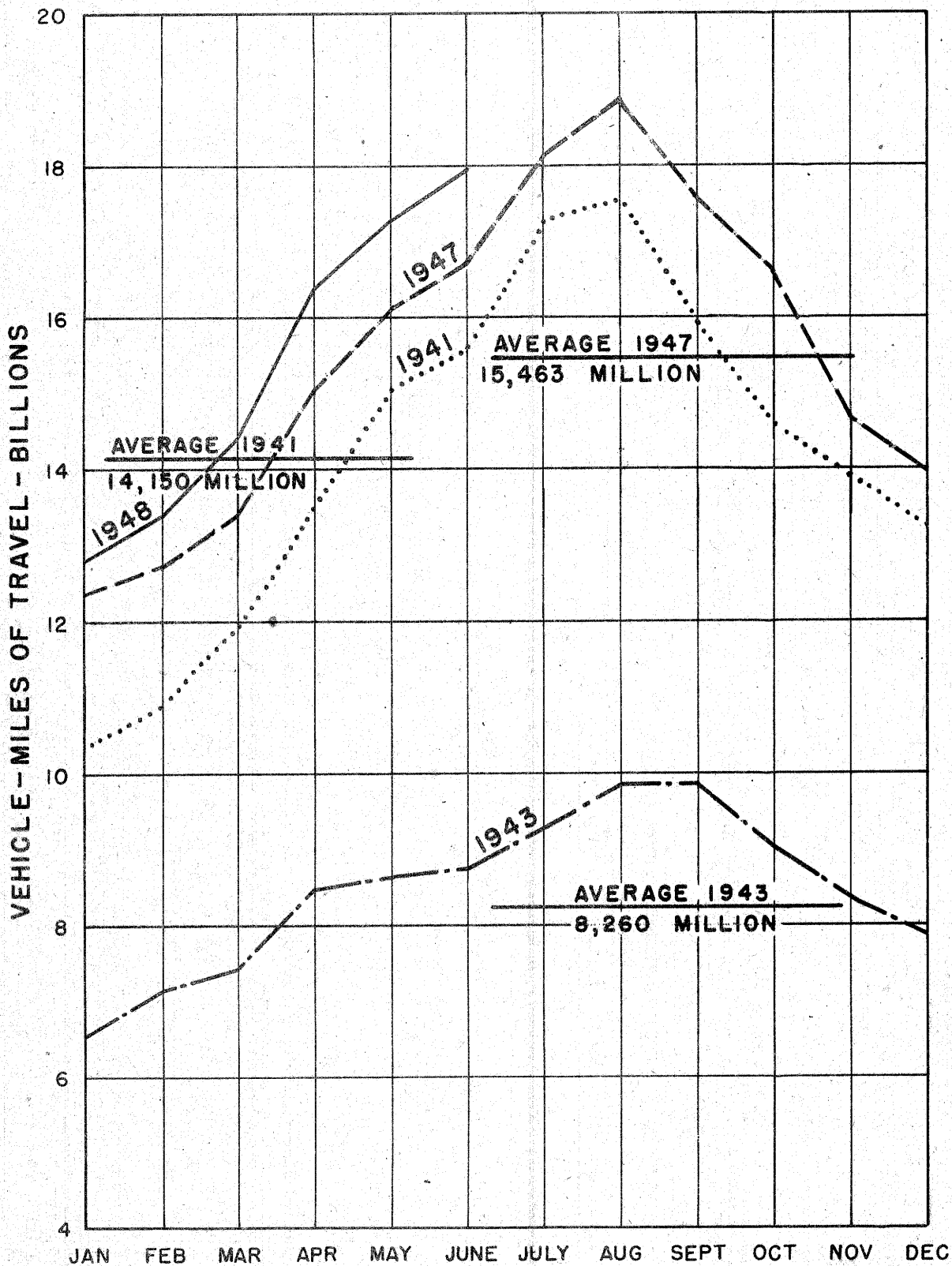


FIGURE 2 - VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS IN 1941, 1943, 1947 AND 1948

