

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

TRAFFIC VOLUME TRENDS

April 1949

On the basis of preliminary figures, motor-vehicle travel on main and local roads for the country as a whole was higher during April 1949 than in any previous April.

	Rural traffic in vehicle-miles April 1949 (Millions)	Percentage change from		
		1941	1943	1948
Main roads	13,022	+ 34.5	+119.7	+ 8.0
Local roads	4,687	+ 20.3	+ 98.7	+ 7.4
All rural roads	17,709	+ 30.5	+113.7	+ 7.9

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

	Rural traffic in vehicle-miles April 1949 (Millions)	Percentage change from		
		1941	1943	1948
Eastern regions	5,663	+ 19.1	+114.0	+10.5
Central regions	9,094	+ 35.1	+112.5	+ 7.3
Western regions	2,952	+ 41.4	+116.9	+ 4.6

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

	Percentage change from		
	1941	1943	1948
City streets	+ 35.1	+ 90.8	+ 8.6
Rural roads	+ 30.5	+113.7	+ 7.9
All roads and streets	+ 32.7	+101.6	+ 8.2

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TABLE 1.--PRELIMINARY SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
APRIL 1949 INCLUDING 706 STATIONS IN 46 STATES

Type of highway and State	Number of stations	Traffic volume percentage change from April 1948	Type of highway and State	Number of stations	Traffic volume percentage change from April 1948
<i>STATE HIGHWAYS</i>			<i>LOCAL HIGHWAYS</i>		
Alabama	8	+ 8.3	Alabama	2	- 2.0
Arizona	5	+ 6.7	Connecticut	3	+ 9.0
Arkansas	18	+12.4	Georgia	3	+ 2.5
California	6	+ 1.5	Indiana	1	+ 6.2
Colorado	15	+ 4.8	Iowa	7	+ 8.9
Connecticut	17	+12.4	Maryland	1	+21.6
Delaware	3	+11.4	Michigan	2	+13.0
Florida	16	+ 9.2	Missouri	2	+29.1
Georgia	7	+ 0.4	Montana	2	+13.7
Idaho	8	+14.9	Nebraska	1	- 2.8
Illinois	5	- 0.6	Oregon	1	-10.2
Indiana	21	+ 8.8	Rhode Island	1	+ 2.5
Iowa	26	+ 9.1	Wisconsin	1	+24.2
Kansas	14	+12.5			
Kentucky	14	+ 7.1	<i>TOTAL - 13 STATES</i>	27	+ 7.4
Louisiana	17	+ 6.1			
Maine	12	+ 8.4	<i>ALL HIGHWAYS</i>		
Maryland	17	+12.2	<i>46 STATES</i>	706	+ 7.9
Massachusetts	9	+10.9			
Michigan	26	+ 9.4	<i>3 EASTERN REGIONS</i>	189	+10.5
Minnesota	24	+11.8			
Mississippi	10	+ 7.6	<i>4 CENTRAL REGIONS</i>	398	+ 7.3
Missouri	25	+ 4.6			
Montana	12	+17.8	<i>2 WESTERN REGIONS</i>	119	+ 4.6
Nebraska	11	+ 9.8			
Nevada	16	+13.0			
New Hampshire	13	+ 2.2			
New Jersey	4	+15.9			
New Mexico	16	+ 5.9			
New York	-----	-----			
North Carolina	20	+ 5.7			
North Dakota	11	+14.1			
Ohio	14	+ 6.3			
Oklahoma	20	- 1.1			
Oregon	10	+12.3			
Pennsylvania	29	+12.2			
Rhode Island	3	- 1.7			
South Carolina	8	+ 2.3			
South Dakota	10	+ 2.6			
Tennessee	14	+ 1.1			
Texas	86	+ 6.2			
Utah	12	+ 7.8			
Vermont	12	+ 9.2			
Virginia	-----	-----			
Washington	10	+ 2.6			
West Virginia	11	+13.7			
Wisconsin	8	+ 5.0			
Wyoming	6	+10.2			
<i>TOTAL - 46 STATES</i>	679	+ 8.0			

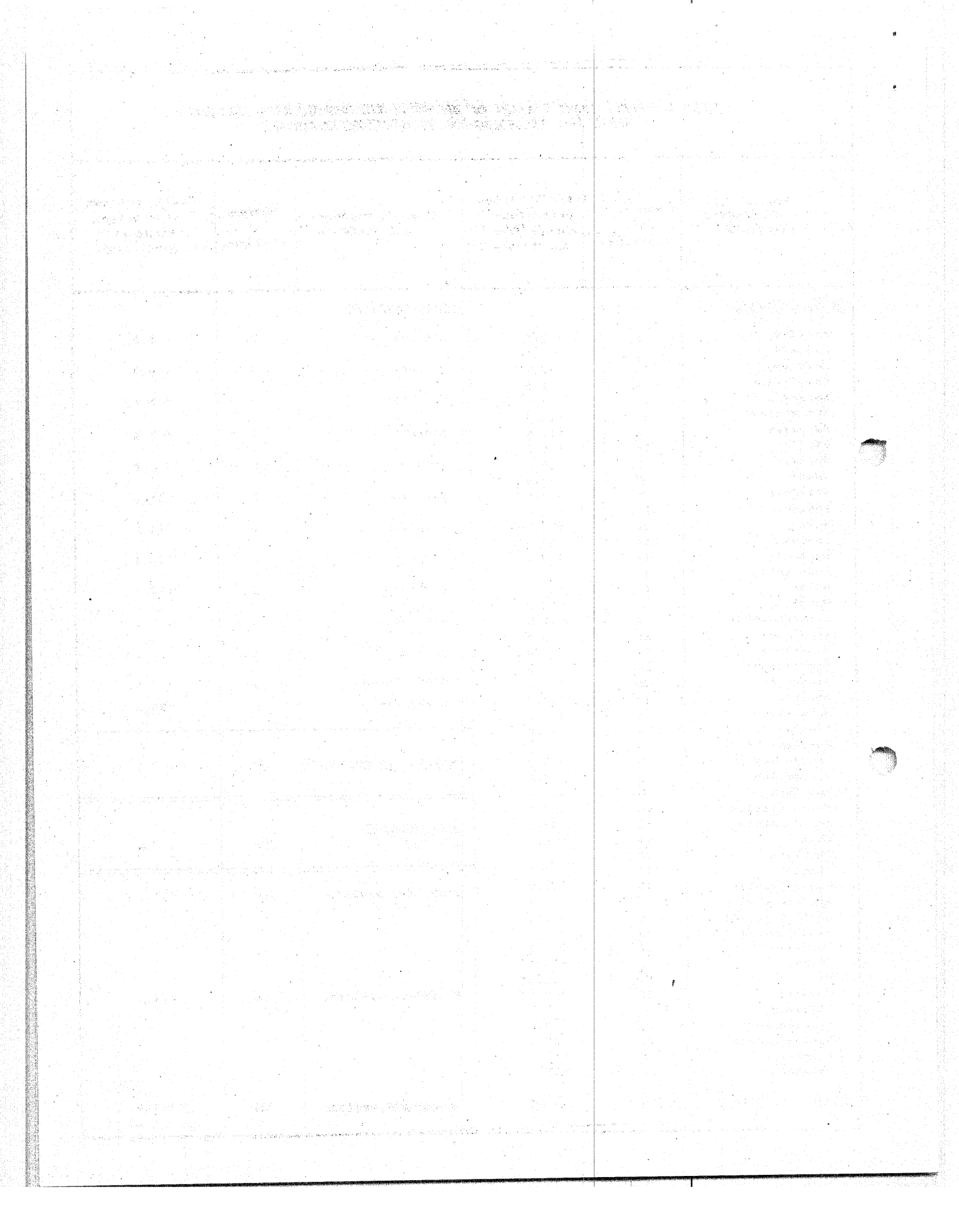


TABLE 2.--REVISED SUMMARY OF AUTOMATIC TRAFFIC RECORDER DATA FOR
MARCH 1949 INCLUDING 717 STATIONS IN 47 STATES¹

Region and State	Number of stations	Traffic volume percentage change from March 1948	Region and State	Number of stations	Traffic volume percentage change from March 1948
NEW ENGLAND			EAST SOUTH CENTRAL		
Connecticut	19	+ 3.9	Alabama	8	+ 3.4
Maine	12	+ 6.5	Kentucky	14	- 3.5
Massachusetts	9	+ 9.3	Mississippi	10	+ 8.1
New Hampshire	12	+ 4.6	Tennessee	15	+ 2.6
Rhode Island	4	+14.6	Subtotal	47	+ 2.0
Vermont	12	+12.4	WEST SOUTH CENTRAL		
Subtotal	68	+ 6.7	Arkansas	22	+21.7
MIDDLE ATLANTIC			Louisiana	17	+15.4
New Jersey	4	+12.6	Oklahoma	20	+ 6.0
New York	-----	-----	Texas	86	+ 8.9
Pennsylvania	29	+ 8.3	Subtotal	145	+10.3
Subtotal	33	+ 9.4	MOUNTAIN		
SOUTH ATLANTIC			Arizona	5	+ 3.4
Delaware	5	+ 6.2	Colorado	22	+ 3.5
Maryland	18	+ 9.6	Idaho	8	- 2.9
Virginia	4	+ 8.4	Montana	14	+12.3
West Virginia	11	+ 9.4	Nevada	16	+ 0.2
Subtotal north portion	38	+ 9.1	New Mexico	16	+ 8.8
Florida	18	+13.7	Utah	12	+ 7.8
Georgia	10	+ 1.0	Wyoming	4	+16.3
North Carolina	20	+ 3.3	Subtotal	97	+ 8.1
South Carolina	8	+ 6.3	PACIFIC		
Subtotal south portion	56	+ 6.7	California	3	+ 3.5
Subtotal region	94	+ 7.8	Oregon	12	+ 1.4
EAST NORTH CENTRAL			Washington	10	- 2.7
Illinois	3	+ 6.1	Subtotal	25	0.0
Indiana	22	+ 8.7	TOTAL ALL STATES		
Michigan	28	+14.8	717 + 8.4		
Ohio	16	+ 5.9	STATE HIGHWAYS		
Wisconsin	9	+ 9.3	688 + 7.7		
Subtotal	78	+10.6	LOCAL HIGHWAYS		
WEST NORTH CENTRAL			29 +10.6		
Iowa	32	+14.3	3 EASTERN REGIONS		
Kansas	14	+23.4	195 + 8.0		
Minnesota	24	+12.3	4 CENTRAL REGIONS		
Missouri	27	+10.9	400 +10.2		
Nebraska	12	+ 6.4	2 WESTERN REGIONS		
North Dakota	11	+28.6	122 + 3.7		
South Dakota	10	+ 6.4			
Subtotal	130	+13.0			

¹Combined State and local highways.

MEMORANDUM FOR THE RECORD

DATE	TIME	LOCATION	ACTIVITY	REMARKS
1-1-58	0800	...	...	...
1-1-58	0900	...	...	...
1-1-58	1000	...	...	...
1-1-58	1100	...	...	...
1-1-58	1200	...	...	...
1-1-58	1300	...	...	...
1-1-58	1400	...	...	...
1-1-58	1500	...	...	...
1-1-58	1600
1-1-58	1700
1-1-58	1800
1-1-58	1900
1-1-58	2000
1-1-58	2100
1-1-58	2200
1-1-58	2300
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1-1-58	0200
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1-1-58	0700
1-1-58	0800

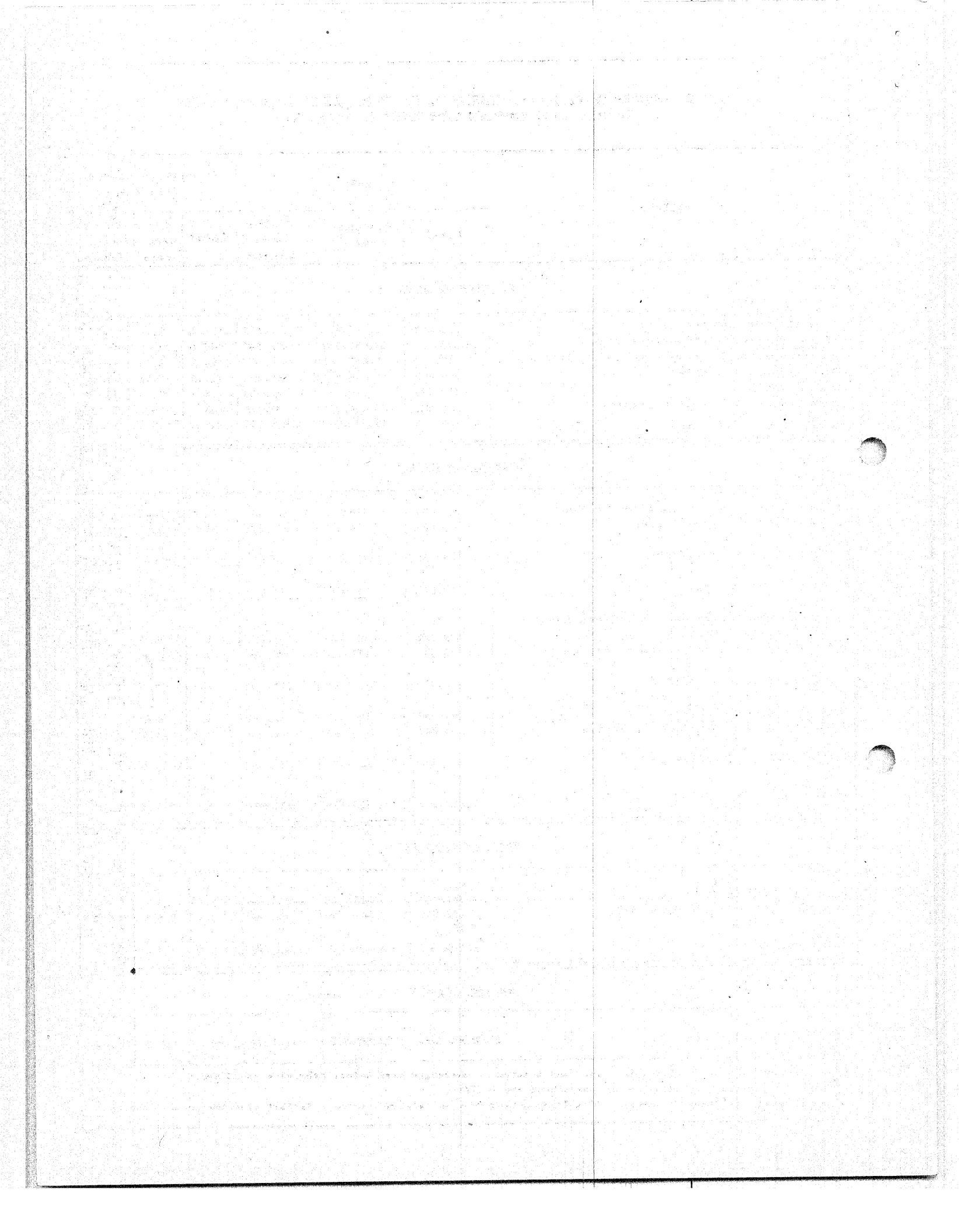
TABLE 3.--NUMBER OF VEHICLES, CLASSIFIED BY TYPES, USING TOLL FACILITIES
IN APRIL 1949 COMPARED WITH THOSE IN APRIL 1948

Facilities	1949			Percentage change from 1948		
	Total	Passenger cars ¹	Trucks and busses	Total	Pas- senger cars ¹	Trucks and busses
EASTERN REGIONS						
3 in the New England States	1,296,140	1,183,513	112,627	+21.1	+22.4	+ 8.5
15 in the Middle Atlantic States	13,315,500	11,687,953	1,627,547	+13.5	+14.9	+ 4.7
2 parkways in the Middle Atlantic States	1,657,082	1,657,082	-----	+18.9	+18.9	-----
Pennsylvania Turnpike ²	291,808	226,417	65,391	+21.9	+24.6	+13.6
Main Turnpike ²	112,496	100,913	11,583	+15.1	+12.0	+52.3
5 in the South Atlantic States	585,240	486,164	99,076	+23.1	+26.9	+ 7.2
TOTAL - 27 facilities	17,258,266	15,342,042	1,916,224	+15.0	+16.3	+ 5.5
CENTRAL REGIONS						
3 on the Great Lakes Canadian border ³	331,175	314,015	17,160	+11.6	+11.5	+13.8
1 in the Great Lakes Region	16,962	14,691	2,271	+23.7	+26.6	+ 7.9
<i>Subtotal - 4 facilities</i>	<i>348,137</i>	<i>328,706</i>	<i>19,431</i>	<i>+19.2</i>	<i>+12.1</i>	<i>+13.1</i>
3 on the Ohio River	300,673	257,648	43,025	+ 5.0	+ 5.5	+ 1.9
6 on the Mississippi and St. Croix Rivers St. Louis and North	579,024	487,765	91,259	+ 4.9	+ 5.5	+ 1.8
5 on the Miss. River south of St. Louis	223,870	177,581	46,289	+13.6	+15.6	+ 6.5
<i>Subtotal - 11 facilities</i>	<i>802,894</i>	<i>665,346</i>	<i>137,548</i>	<i>+ 7.2</i>	<i>+ 8.1</i>	<i>+ 3.3</i>
4 on the Missouri River	181,908	150,197	31,711	+ 5.2	+ 6.9	- 2.4
2 in the West South Central States	24,587	23,294	1,293	+ 4.8	+ 4.4	+11.7
<i>Subtotal - 6 facilities</i>	<i>206,495</i>	<i>173,491</i>	<i>33,004</i>	<i>+ 5.1</i>	<i>+ 6.6</i>	<i>- 1.9</i>
TOTAL - 24 facilities	1,658,199	1,425,191	233,008	+ 7.5	+ 8.3	+ 3.0
WESTERN REGIONS						
2 in California	2,951,091	2,683,369	267,722	+ 7.8	+ 8.1	+ 4.1
5 in the Oregon-Washington Area	32,700	367,356	65,344	+ 8.4	+ 5.6	+27.1
TOTAL - 7 facilities	3,383,791	3,050,725	333,066	+ 7.8	+ 7.8	+ 7.9
UNITED STATES						
TOTAL - 58 facilities	22,300,256	19,817,958	2,482,298	+13.3	+14.3	+ 5.6

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.



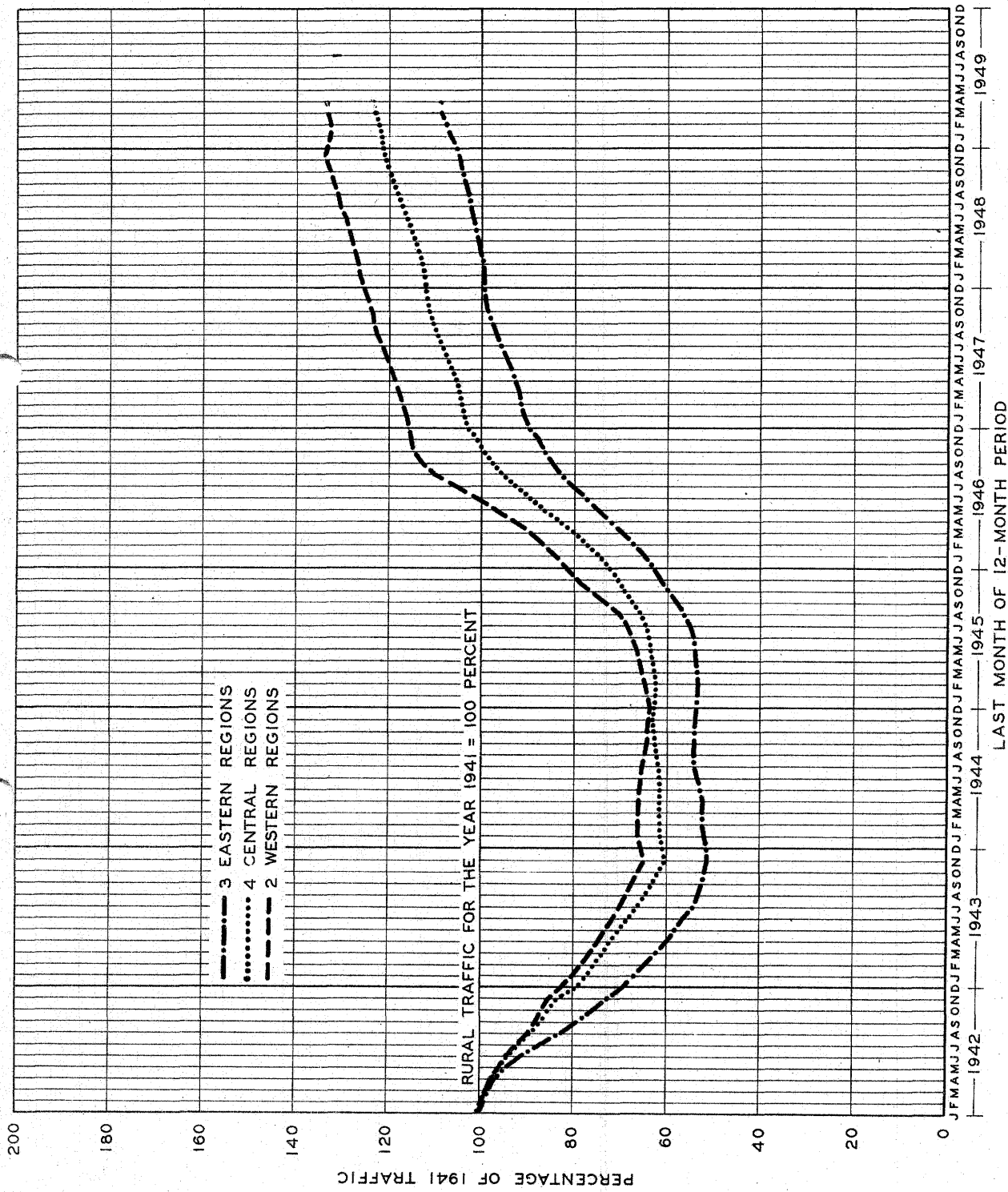
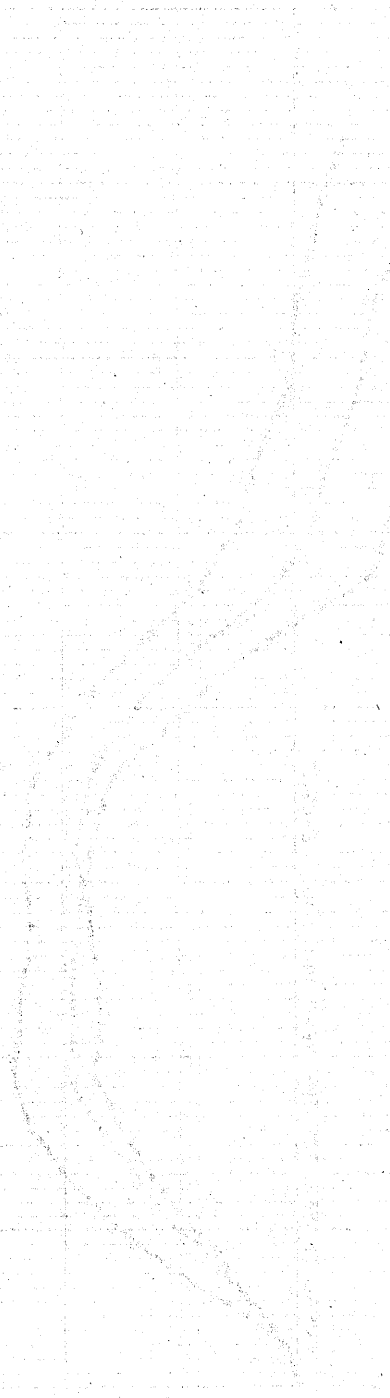


FIGURE 1 - TRAFFIC FOR YEAR ENDING EACH MONTH 1942 TO DATE AS A PERCENTAGE OF TRAFFIC FOR THE CALENDAR YEAR 1941 BY GEOGRAPHIC REGIONS



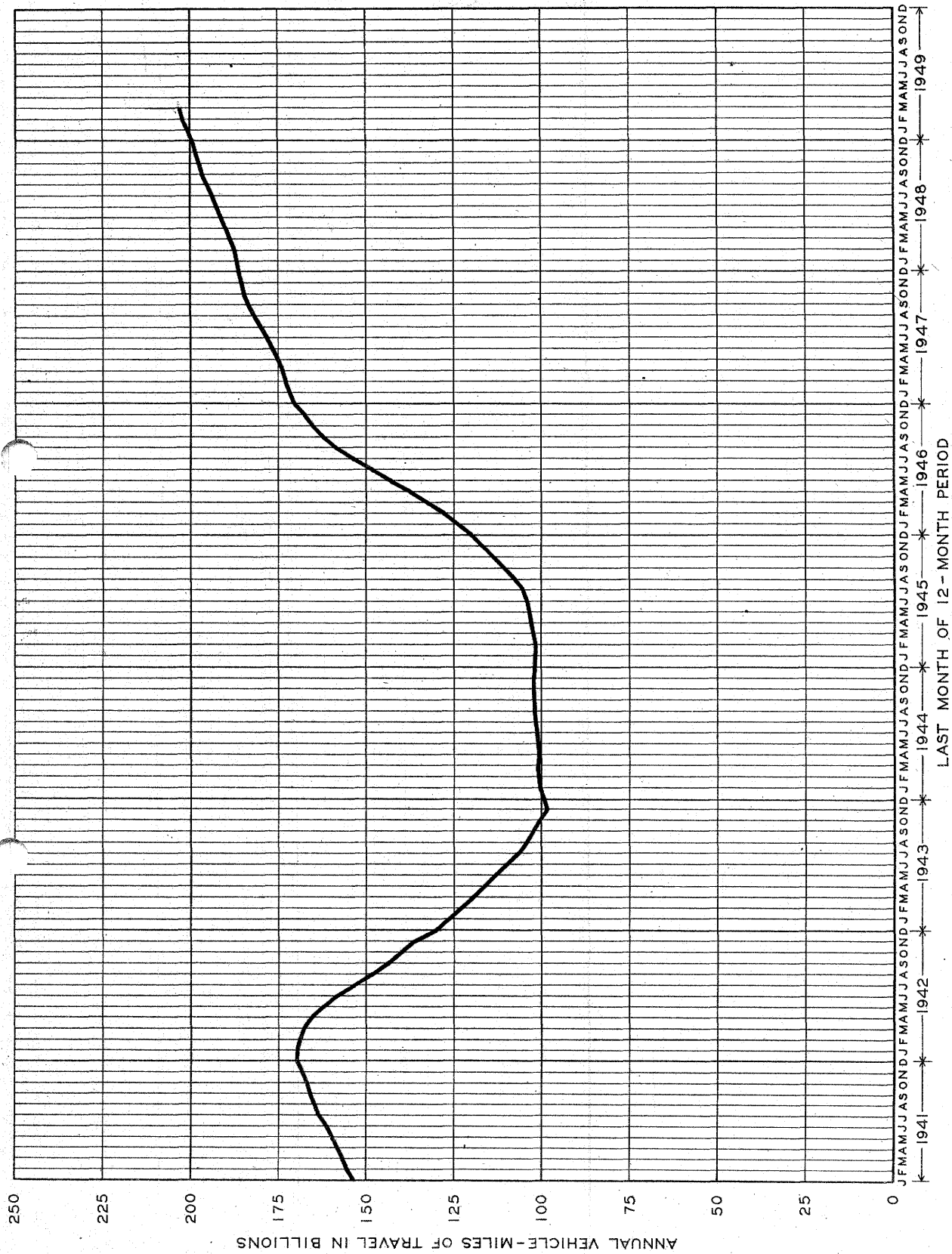
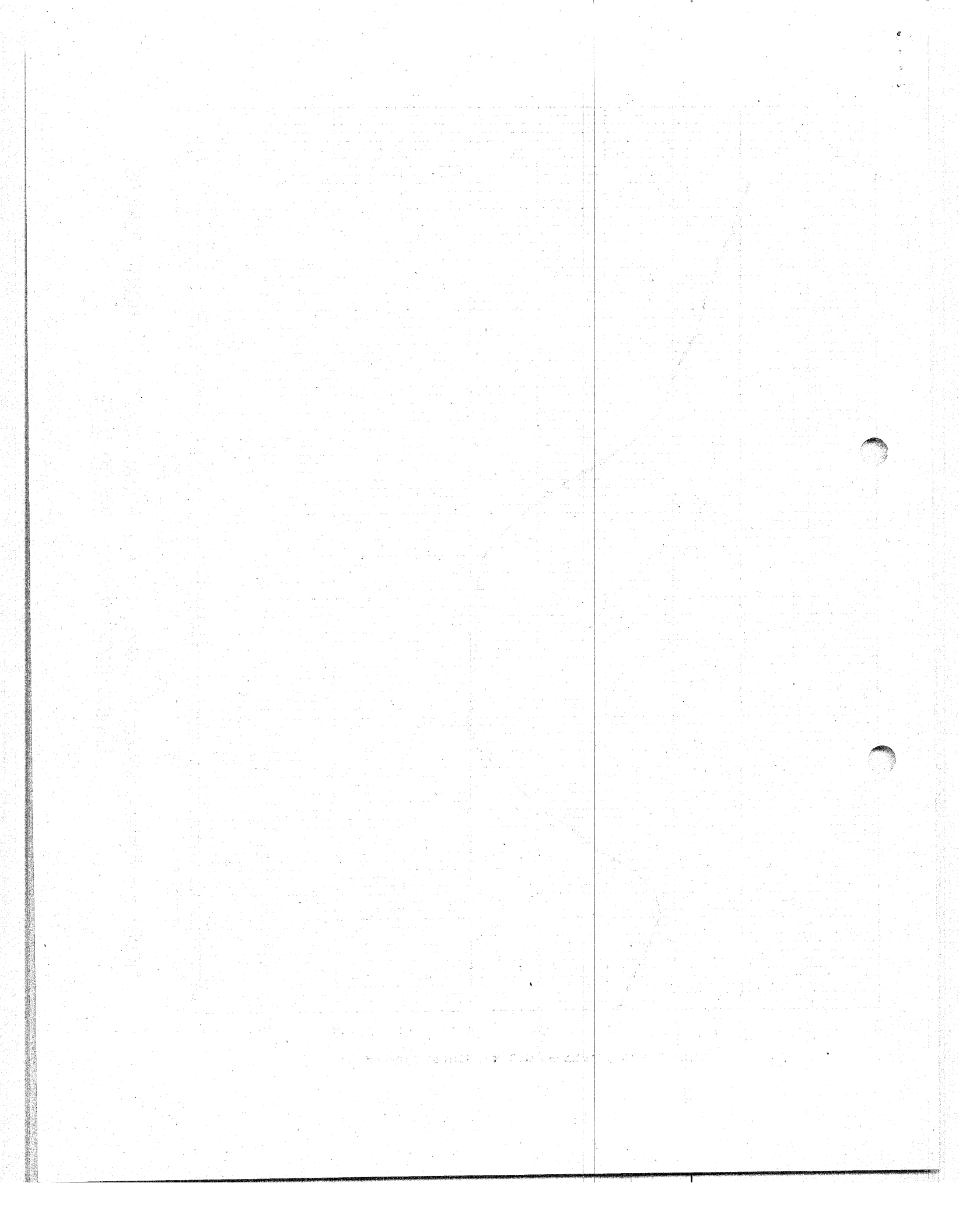


FIGURE 2 - VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS BY 12 MONTH PERIODS
ENDING EACH MONTH - 1941 TO DATE



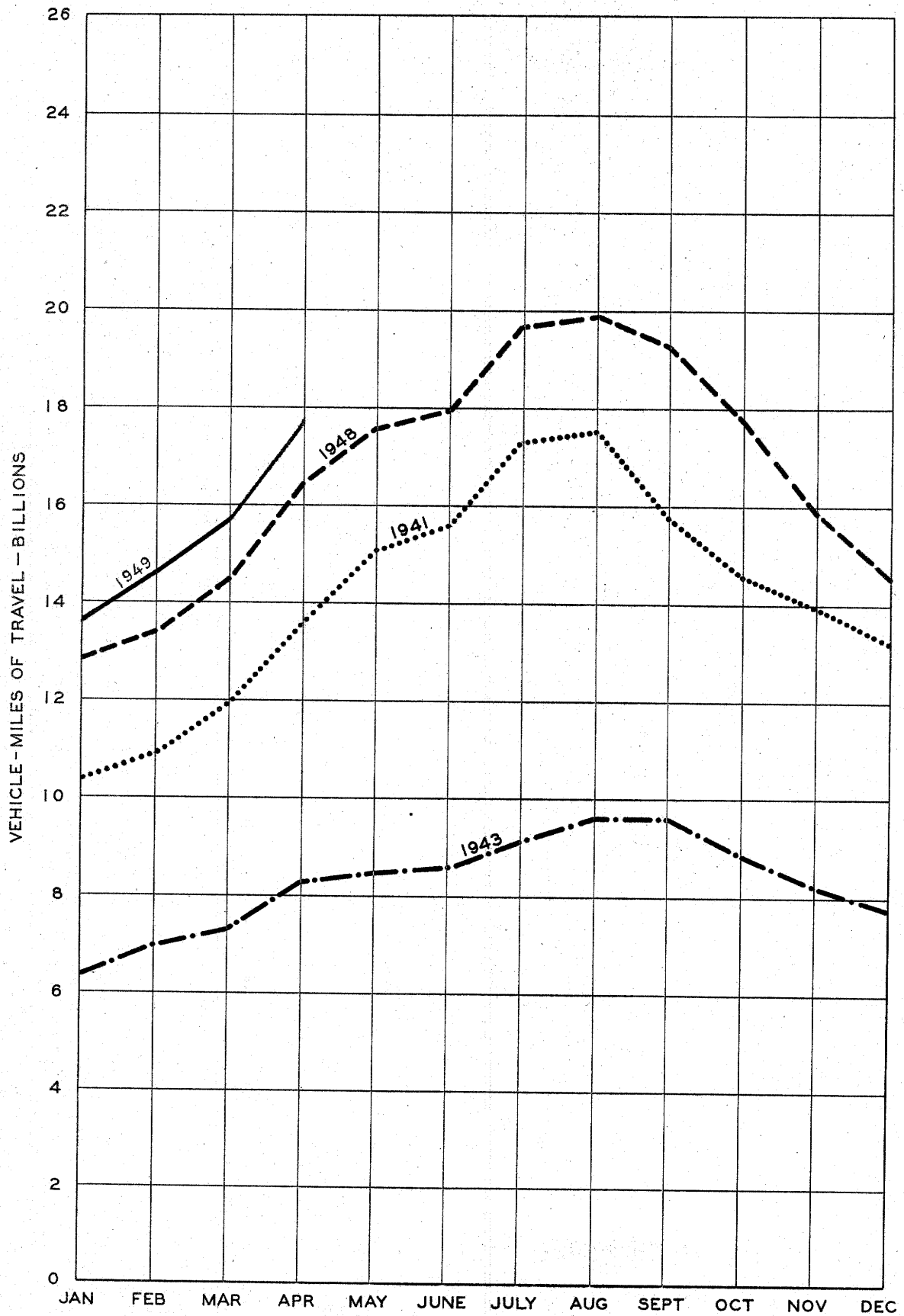
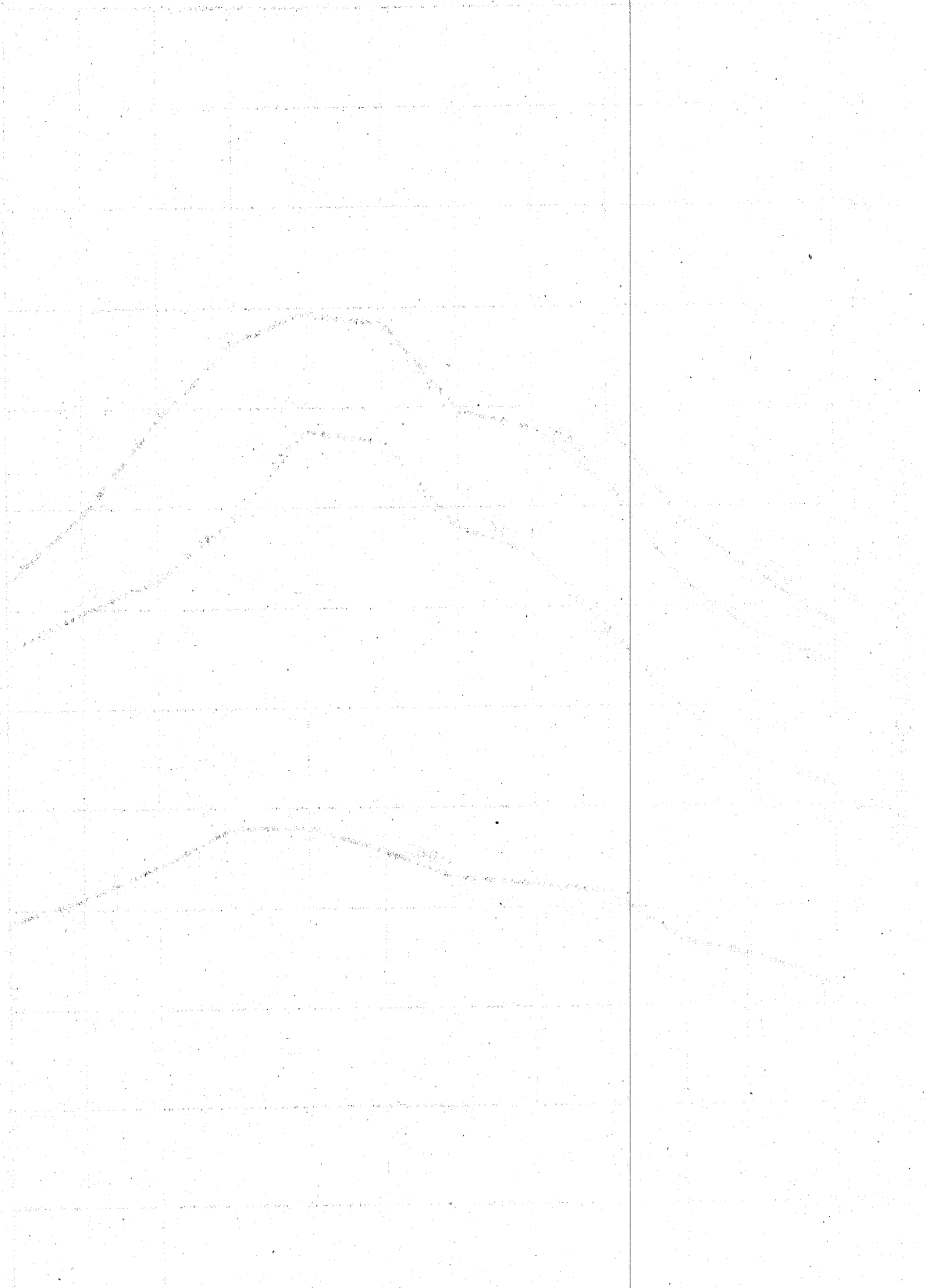


FIGURE 3 - VEHICLE-MILES OF TRAVEL ON ALL RURAL ROADS IN 1941, 1943, 1948 AND 1949



REPORT ON THE EFFECTS OF TRAVEL ON ALL RURAL ROADS
IN THE STATE OF TEXAS AND 1939