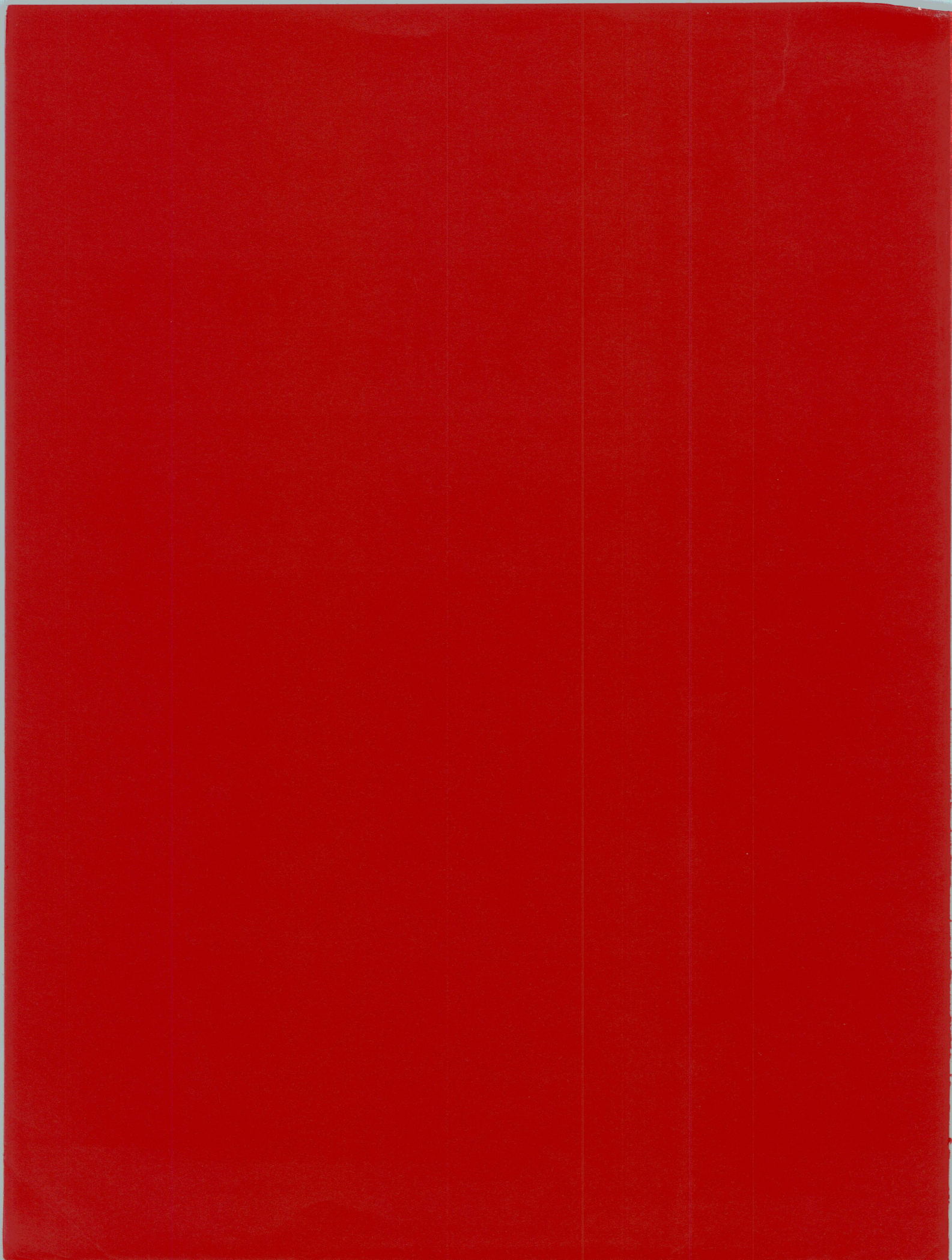


# 1975-1979 NATIONAL TRUCK CHARACTERISTIC REPORT

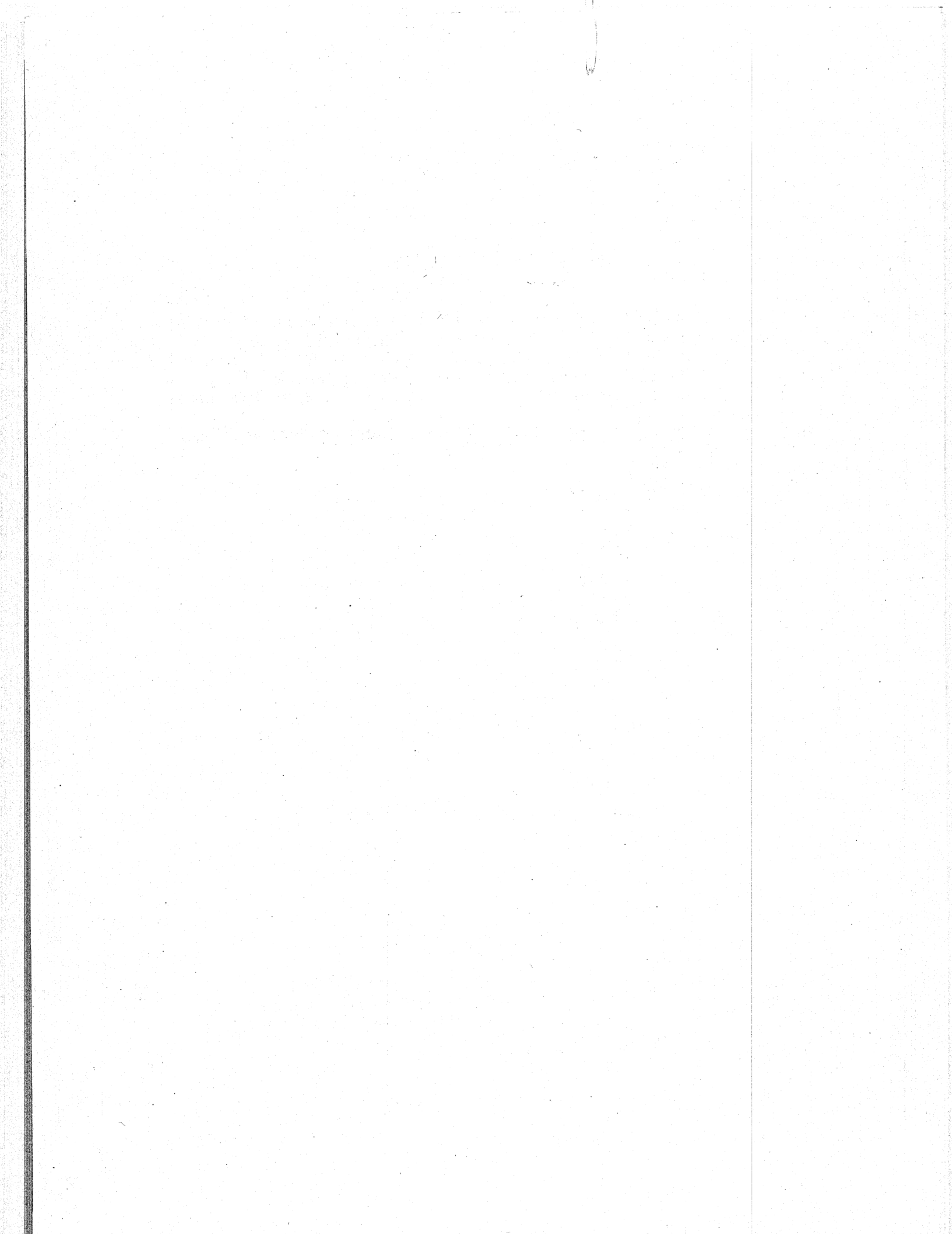


U.S. DEPARTMENT OF TRANSPORTATION  
Federal Highway Administration











## PURPOSE

The planning and programming needs for truck weight data are increasing at the State, regional, and national level. The resulting demand for truck weight information led us to seek some means of providing users with a more effective tool for their work. This collection of key truck weight summary tables and graphs is intended to meet that need.

Any comments regarding suggested additions and/or revisions would be greatly appreciated.

All comments should be forwarded to:

Highway Statistics Division  
Office of Highway Planning HHP-44  
Federal Highway Administration  
Washington, D.C. 20590



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## INTRODUCTION

The information presented in this booklet is based on data collected during the Annual Truck Weight Study by the State highway agencies in cooperation with the Federal Highway Administration. The data is collected by the States generally during summer months at roadside locations, primarily on main rural roads throughout the Nation for use in internal studies. Copies of the data are then made available for compilation and use by the Federal Highway Administration.

At each location, all of the vehicles in the traffic stream are counted and classified. This includes the number of passenger cars, buses and trucks, from pickups to multitrailer combinations. For each truck type the number of axles and the axle configurations are also recorded. During a portion of the specific classification period, a representative sample of trucks are surveyed for additional data, including axle and gross vehicle weights.

During a study in any given year, more than 10 million vehicles are counted and classified, and more than 200,000 trucks are stopped for surveying. The information is collected at more than 600 locations throughout the Nation.

Weighing operations for each location are normally conducted for an 8-hour period on a weekday during daylight hours. For each vehicle stopped and surveyed additional information is recorded, including vehicle type, body type, fuel type, class of operation, loading status, commodity carried, and axle spacing data. In the case of those States using weighing-in-motion equipment for the collection of data, survey information is limited to axle spacings and weights, vehicle type, and body type.

Classification counts are normally conducted for three 8-hour shifts, not necessarily consecutive, which in total covered all hours of the clock. One shift usually coincides with the weighing operation.

Prior to 1976, the States conducted the Truck Weight Study on an annual basis. Beginning with the 1976 data collection, most States began performing the weighing and surveying portion of the study on an alternate year basis to reduce operating costs. Under this plan, one half of the States collects data using even numbered years and the others during odd numbered years. However, all States continue to conduct the classification counting on an annual basis.



In allocating States to alternate years, an attempt is made to provide:  
a) uniform annual geographical distribution; b) proportional annual  
Federal-aid primary travel; and c) proportional regional Federal-aid  
primary travel coverage where possible.

Requests for Information and/or Data from  
the Annual Truck Weight Study Files

The files of the Annual Truck Weight Study are maintained on magnetic computer tape, dating back to 1966 where possible. For the sake of continuity, each year's master file contains the most current data for each State. With the alternate year weighing program, for instance, the 1979 master file contains data for 1979 from the odd numbered year States and for 1978 from the even numbered year States.

Copies of the tape master files for both classification and weight data are available by written request. On a time permitting basis, some requests for more specific information are answered in the form of analysis tables and charts from the study files. It is, in fact, as a result of these requests that this publication originated.

Until only a few years ago the basic information provided to the States consisted of a standard set of tables known as the "W Tables." At that time, certain other summary tables were added in response to requests from the States, many of which are illustrated within this booklet. However, from time to time, more specific information is sought, and adaptations of various computer program applications are developed to meet the need. This more specific information includes breakdowns by direction of travel, by highway route within regions, and summary data by type of commodity being transported.

Requests for specific information will be handled on a time permitting basis. These requests, as well as any requests for copies of the master files, should be made in writing, and addressed to

Chief, Highway Statistics Division  
Federal Highway Administration HHP-44  
400 Seventh Street, SW.  
Washington, D.C. 20590



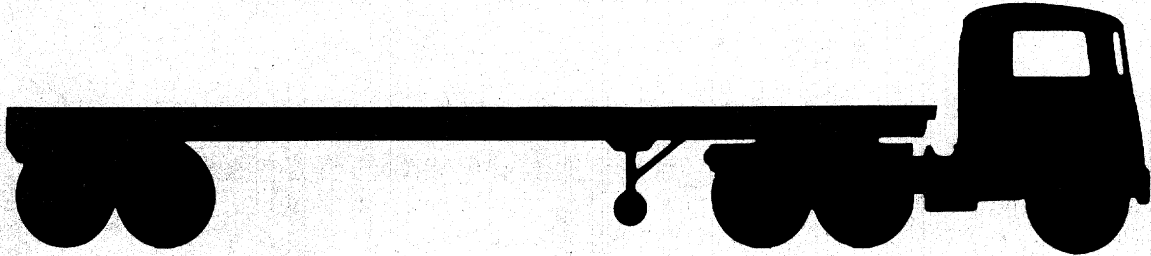
## Vehicle Type Coding Scheme

The six-digit vehicle type code was developed with the computerization of the Annual Truck Weight Study analyses tables. The codes are used within the tables presented in this report and are explained here for the reader's benefit. See the silhouette drawings on the following pages for further clarification of the codes.

	DIGIT ONE	DIGIT TWO	DIGIT THREE	DIGIT FOUR	DIGIT FIVE	DIGIT SIX
SINGLE UNIT TRUCKS	2	TOTAL AXLES ON TRUCK	"0"	"0"	"0"	"0"
TRACTOR WITH SEMITRAILER	3	TOTAL AXLES ON POWER UNIT	TOTAL AXLES ON TRAILER	"0"	"0"	"0"
TRUCK WITH FULL TRAILER	4	TOTAL AXLES ON POWER UNIT	TOTAL AXLES ON TRAILER	"0"	"0"	"0"
TRACTOR WITH SEMITRAILER AND FULL TRAILER	5	TOTAL AXLES ON POWER UNIT	TOTAL AXLES ON FIRST TRAILER	TOTAL AXLES ON SECOND TRAILER	"0"	"0"

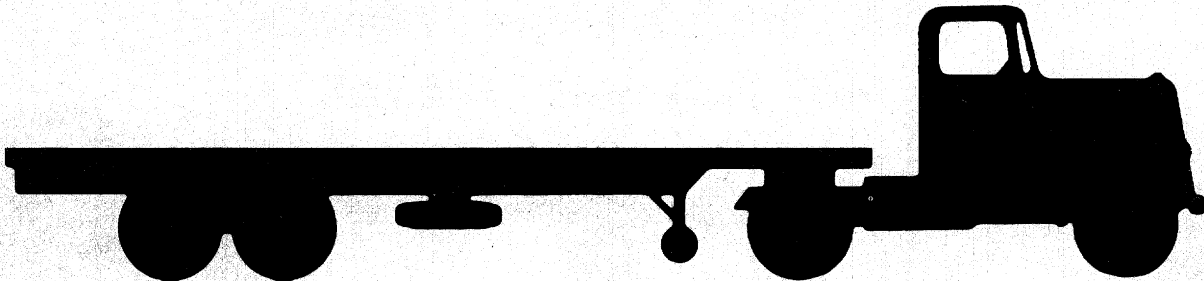
For example, a vehicle type code "332000" indicates a three-axle tractor pulling a two-axle semitrailer.

**THREE AXLE TRACTOR  
WITH TWO AXLE SEMI-TRAILER**



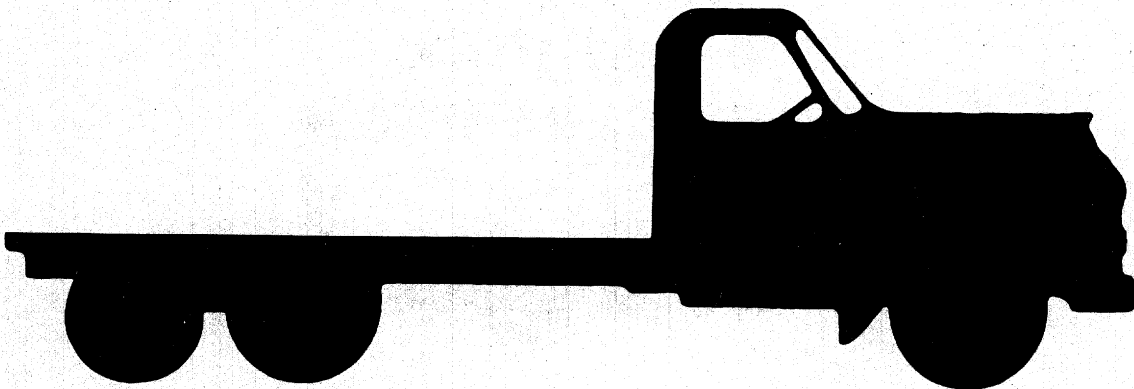
**332000**

**TWO AXLE TRACTOR WITH  
ONE TWO AXLE SEMI-TRAILER**



**322000**

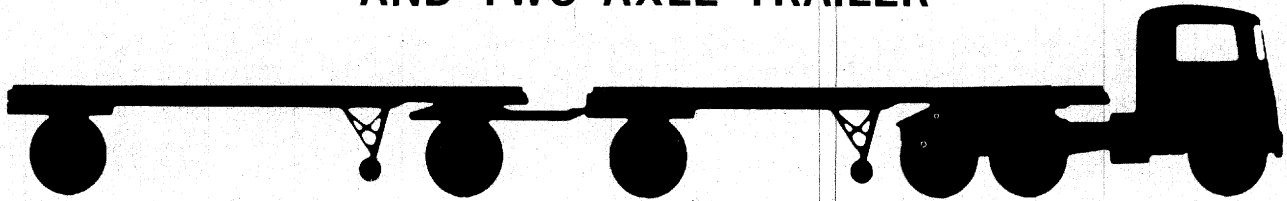
**3 AXLE TRUCK**



**230000**

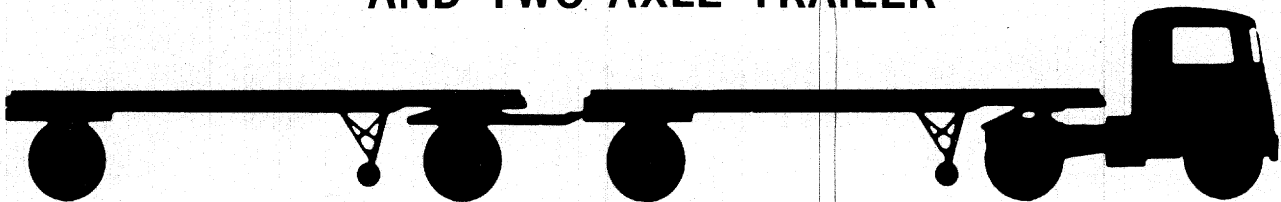


**THREE AXLE TRACTOR  
WITH ONE AXLE SEMI-TRAILER  
AND TWO AXLE TRAILER**



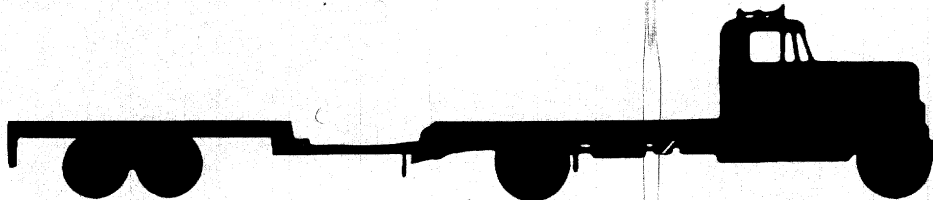
**531200**

**TWO AXLE TRACTOR  
WITH ONE AXLE SEMI-TRAILER  
AND TWO AXLE TRAILER**



**521200**

**TWO AXLE TRUCK  
WITH TWO AXLE TRAILER**

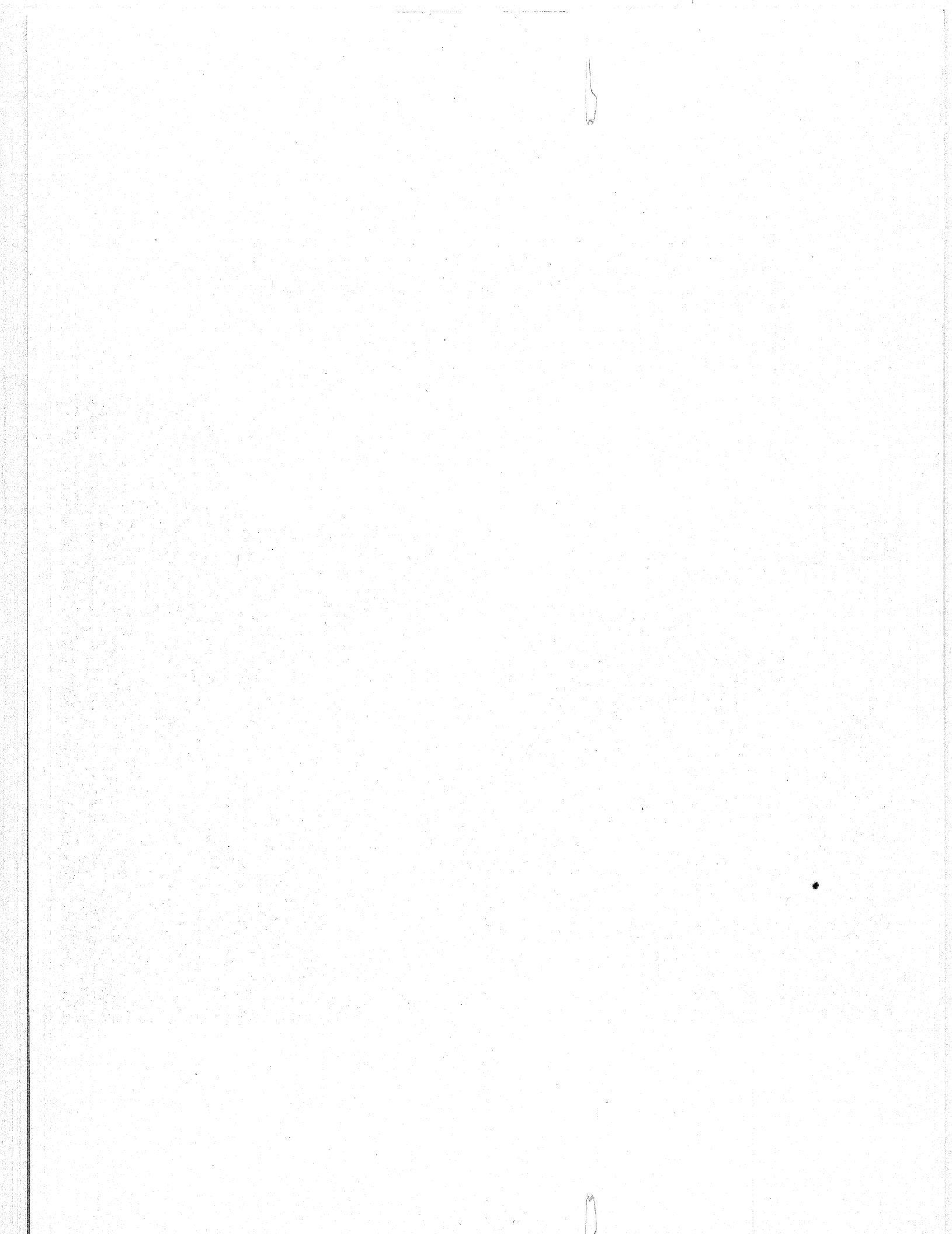


**422000**

## General Remarks

The tables and figures contained in this publication reflect the most current data available from each of the States for the period of 1975 through 1979. Where values are repeated, the data available has not been updated. Also, from time to time, certain deficiencies within the data are detected by the State personnel and the appropriate files are edited and revised, sometimes as long as two years later. The reader should keep the above in mind when making comparisons of the data with previous publications.

The tables and figures are shown first for 1979 data. Each complete set of tables is repeated for the years 1978 through 1975.

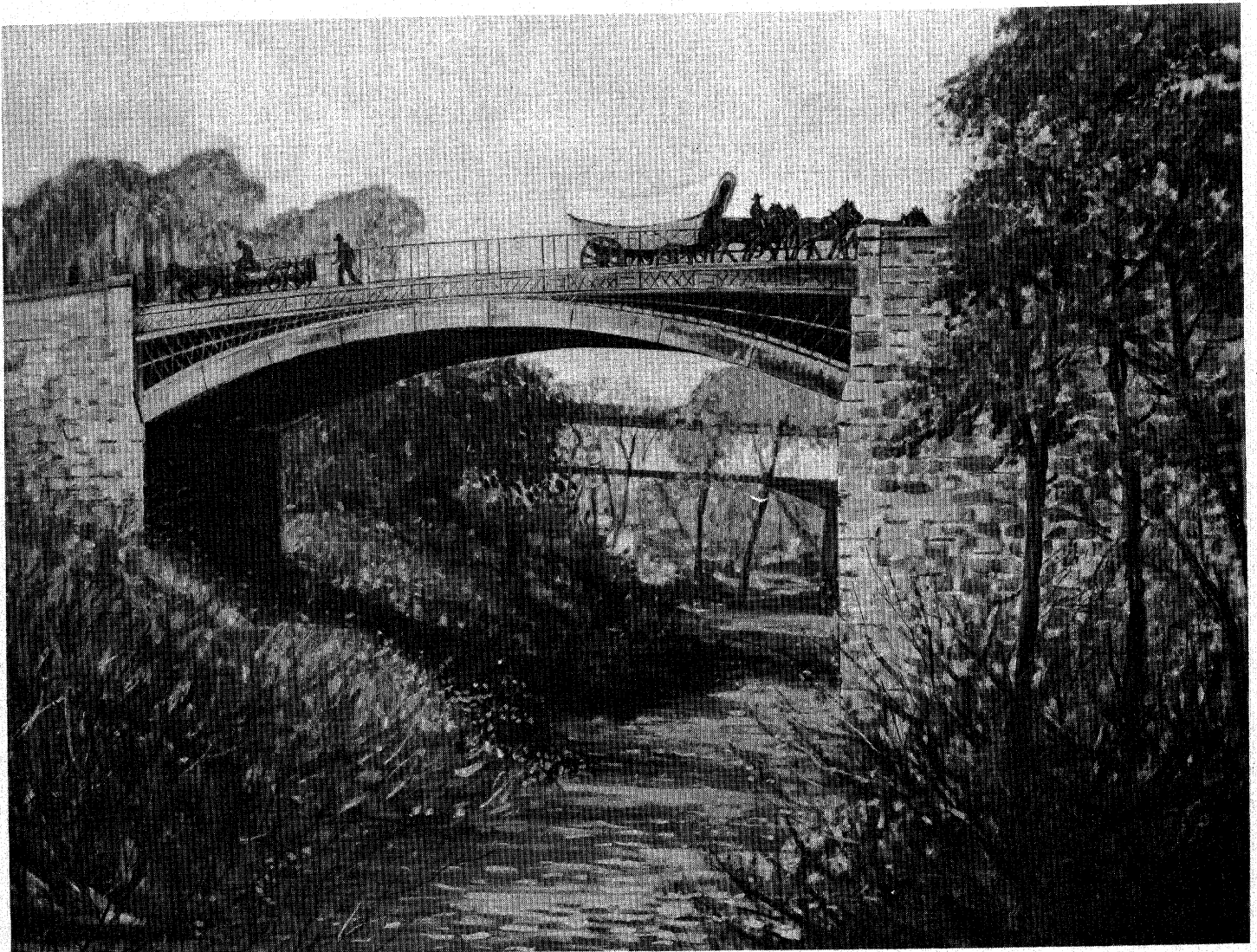




## Section I

### Number of Vehicles Counted and Trucks Weighed

The tables and figures included within this section provide information regarding the distribution of vehicles counted and trucks weighed and will set the stage for the subsequent sections. The total sample sizes and the number of data collection sites by type of highway system are also presented in this section.



**1839 - OUR FIRST IRON BRIDGE**

WZ

# CLASSIFICATION COUNT SUMMARY

DATA YEAR 1979

Table 1A

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
PASSENGER VEHICLES							
COUNT	1,611,731	370,701	1,299,626	591,608	47,476	123,769	4,181,251
PERCENT	65.05	76.38	71.06	73.70	74.88	77.76	69.79
PICK-UP TRUCKS							
COUNT	342,965	40,002	284,015	138,733	6,477	21,689	858,064
PERCENT	13.84	8.24	15.53	17.28	10.22	13.63	14.32
2-AXLE 6-TIRE TRUCKS							
COUNT	76,021	16,133	61,518	24,334	1,841	5,798	190,531
PERCENT	3.07	3.32	3.36	3.03	2.90	3.64	3.18
OTHER SINGLE UNIT TRUCKS							
COUNT	32,126	7,002	35,275	11,183	2,510	4,423	97,999
PERCENT	1.29	1.44	1.94	1.39	3.96	2.78	1.64
2-AXLE TRACTOR 2-AXLE SEMITRAILER							
COUNT	37,684	9,217	14,134	5,990	890	655	69,220
PERCENT	1.52	1.90	0.77	0.75	1.40	0.41	1.16
3-AXLE TRACTOR 2-AXLE SEMITRAILER							
COUNT	342,872	39,832	121,010	26,644	3,670	2,239	538,498
PERCENT	13.84	8.21	6.62	3.32	5.79	1.41	8.99
OTHER COMBINATIONS							
COUNT	34,181	2,472	13,329	4,248	539	600	55,908
PERCENT	1.38	0.51	0.73	0.52	0.85	0.38	0.93
TOTAL TRAFFIC COUNTED							
COUNT	2,477,580	485,359	1,828,907	802,740	63,403	159,173	5,991,471
PERCENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00

# CLASSIFICATION COUNT SUMMARY

DATA YEAR 1978

Table 1B

VEHICLE TYPES	INTERSTATE		PRIMARY		SECONDARY		SECONDARY		ALL	
	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	SYSTEMS
PASSENGER VEHICLES										
COUNT	2,836,101	770,444	1,835,740	870,071	83,365	610,936	7,006,657			
PERCENT	68.77	75.71	70.04	75.16	70.03	85.45	71.83			
PICK-UP TRUCKS										
COUNT	477,554	101,260	428,221	175,453	21,835	51,384	1,255,707			
PERCENT	11.58	9.95	16.34	15.16	18.34	7.19	12.87			
2-AXLE 6-TIRE TRUCKS										
COUNT	124,049	29,344	85,582	42,082	4,186	24,294	309,537			
PERCENT	3.01	2.88	3.27	3.64	3.52	3.40	3.17			
OTHER SINGLE UNIT TRUCKS										
COUNT	48,888	13,543	51,156	23,214	2,079	11,309	150,189			
PERCENT	1.18	1.33	1.95	2.00	1.75	1.59	1.54			
2-AXLE TRACTOR 2-AXLE SEMITRAILER										
COUNT	55,833	16,604	28,948	7,064	1,148	2,447	112,044			
PERCENT	1.35	1.63	1.10	0.61	0.96	0.34	1.15			
3-AXLE TRACTOR 2-AXLE SEMITRAILER										
COUNT	511,169	78,762	168,375	31,386	5,475	11,115	806,262			
PERCENT	12.39	7.74	6.42	2.71	4.60	1.55	8.27			
OTHER COMBINATIONS										
COUNT	70,492	7,607	22,921	8,341	962	3,456	113,779			
PERCENT	1.72	0.75	0.88	0.72	0.81	0.49	1.16			
TOTAL TRAFFIC COUNTED										
COUNT	4,124,086	1,017,564	2,620,943	1,157,611	119,050	714,941	9,754,195			
PERCENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00			

# CLASSIFICATION COUNT SUMMARY

DATA YEAR 1977

Table 1C

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
<b>PASSENGER VEHICLES</b>							
COUNT	2,260,815	689,665	1,957,255	994,520	76,439	246,212	6,224,906
PERCENT	66.15	81.08	73.91	77.52	71.40	77.43	72.18
<b>PICK-UP TRUCKS</b>							
COUNT	419,519	59,470	358,624	187,877	17,618	47,278	1,090,386
PERCENT	12.28	6.99	13.54	14.64	16.46	14.87	12.64
<b>2-AXLE 6-TIRE TRUCKS</b>							
COUNT	107,156	23,555	84,089	35,123	3,765	9,913	263,601
PERCENT	3.14	2.77	3.18	2.74	3.52	3.12	3.06
<b>OTHER SINGLE UNIT TRUCKS</b>							
COUNT	42,618	9,448	42,827	19,748	3,054	6,817	124,512
PERCENT	1.24	1.11	1.62	1.53	2.85	2.14	1.44
<b>2-AXLE TRACTOR 2-AXLE SEMITRAILER</b>							
COUNT	54,949	15,879	20,698	8,074	1,062	1,550	102,212
PERCENT	1.61	1.87	0.78	0.63	0.99	0.49	1.19
<b>3-AXLE TRACTOR 2-AXLE SEMITRAILER</b>							
COUNT	470,266	41,424	160,344	28,273	4,205	4,542	709,054
PERCENT	13.76	4.87	6.06	2.20	3.93	1.43	8.22
<b>OTHER COMBINATIONS</b>							
COUNT	62,201	11,150	24,224	9,284	917	1,660	109,436
PERCENT	1.82	1.31	0.91	0.73	0.86	0.52	1.27
<b>TOTAL TRAFFIC COUNTED</b>							
COUNT	3,417,524	850,591	2,648,061	1,282,899	107,060	317,972	8,624,107
PERCENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00

# CLASSIFICATION COUNT SUMMARY

DATA YEAR 1976

Table 1D

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
PASSENGER VEHICLES							
COUNT	2,867,261	924,390	1,670,869	1,322,403	96,118	184,856	7,077,391
PERCENT	68.51	79.05	71.03	79.45	74.18	78.03	72.57
PICK-UP TRUCKS							
COUNT	469,580	101,944	370,179	228,182	20,808	33,520	1,225,685
PERCENT	11.22	8.72	15.74	13.71	16.06	14.15	12.58
2-AXLE 6-TIRE TRUCKS							
COUNT	126,124	27,177	74,345	43,354	3,962	6,874	282,460
PERCENT	3.01	2.32	3.16	2.60	3.06	2.90	2.90
OTHER SINGLE UNIT TRUCKS							
COUNT	45,154	7,525	44,377	19,115	1,804	6,014	124,157
PERCENT	1.07	0.64	1.89	1.15	1.39	2.54	1.27
2-AXLE TRACTOR 2-AXLE SEMITRAILER							
COUNT	64,604	16,901	22,446	8,534	1,197	875	114,881
PERCENT	1.54	1.45	0.95	0.51	0.92	0.37	1.18
3-AXLE TRACTOR 2-AXLE SEMITRAILER							
COUNT	525,184	79,585	148,229	34,120	4,789	2,989	795,079
PERCENT	12.55	6.81	6.30	2.05	3.70	1.26	8.15
OTHER COMBINATIONS							
COUNT	86,962	11,887	21,994	8,783	904	1,773	132,325
PERCENT	2.08	1.01	0.94	0.53	0.70	0.75	1.36
TOTAL TRAFFIC COUNTED							
COUNT	4,184,869	1,169,409	2,352,439	1,664,491	129,582	236,901	9,752,978
PERCENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00



# CLASSIFICATION COUNT SUMMARY

DATA YEAR 1975

Table 1E

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
<b>PASSENGER VEHICLES</b>							
COUNT	302,236	680,555	2,062,008	1,591,204	264,148	513,442	8,133,723
PERCENT	70.78	79.31	71.18	79.92	86.69	90.52	74.70
<b>PICK-UP TRUCKS</b>							
COUNT	432,477	65,872	443,600	247,078	22,730	37,103	1,248,860
PERCENT	10.13	7.68	15.31	12.41	7.46	6.54	11.47
<b>2-AXLE 6-TIRE TRUCKS</b>							
COUNT	123,251	24,078	97,545	49,233	4,778	7,419	306,304
PERCENT	2.89	2.81	3.37	2.47	1.57	1.31	2.81
<b>OTHER SINGLE UNIT TRUCKS</b>							
COUNT	53,087	9,805	55,659	33,234	2,336	3,755	157,876
PERCENT	1.24	1.15	1.92	1.67	0.77	0.66	1.45
<b>2-AXLE TRACTOR 2-AXLE SEMITRAILER</b>							
COUNT	67,693	14,062	34,106	18,736	3,658	1,366	139,621
PERCENT	1.59	1.64	1.18	0.94	1.20	0.24	1.28
<b>3-AXLE TRACTOR 2-AXLE SEMITRAILER</b>							
COUNT	495,022	54,822	179,683	39,738	5,745	2,726	777,736
PERCENT	11.59	6.39	6.20	2.00	1.89	0.48	7.14
<b>OTHER COMBINATIONS</b>							
COUNT	76,489	8,852	24,252	11,702	1,301	1,399	123,995
PERCENT	1.78	1.03	0.84	0.59	0.43	0.25	1.14
<b>TOTAL TRAFFIC COUNTED</b>							
COUNT	4,270,385	858,046	2,896,853	1,990,925	304,696	567,210	10,888,115
PERCENT	100.00	100.00	100.00	100.00	100.00	100.00	100.00

# DISTRIBUTION OF STATIONS OPERATED AND VEHICLES COUNTED AND WEIGHED BY HIGHWAY SYSTEM

W2

DATA YEAR 1979

Table 2A

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
NUMBER OF STATIONS OPERATED	164	13	224	49	17	16	493
PASSENGER VEHICLES COUNTED	1,611,731	370,701	1,299,626	591,608	47,476	123,769	4,181,251
SINGLE UNIT TRUCKS COUNTED WEIGHED	451,112 20,910	63,137 2,869	380,808 37,119	174,250 16,381	10,828 3,471	31,910 4,671	1,146,594 85,421
TRACTOR TRAILER COMBINATIONS COUNTED WEIGHED	404,101 79,972	51,466 4,448	143,965 35,404	36,204 8,685	5,012 1,906	3,419 1,272	647,544 131,687
TRUCK TRAILER COMBINATIONS COUNTED WEIGHED	10,636 1,922	55 67	4,508 1,150	678 213	87 53	75 51	16,082 3,456
TOTAL TRUCKS COUNTED WEIGHED	865,849 102,804	114,658 7,384	529,281 73,673	211,132 25,279	15,927 5,430	35,404 5,994	1,810,220 220,564
TOTAL VEHICLES COUNTED	2,477,580	485,359	1,828,907	802,740	63,403	159,173	5,991,471

# DISTRIBUTION OF STATIONS OPERATED AND VEHICLES COUNTED AND WEIGHED BY HIGHWAY SYSTEM

DATA YEAR 1978

Table 2B

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
NUMBER OF STATIONS OPERATED	180	17	269	58	37	52	613
PASSENGER VEHICLES COUNTED	2,836,101	770,444	1,835,740	870,071	83,365	610,936	7,006,657
SINGLE UNIT TRUCKS COUNTED WEIGHED	650,491 20,712	144,147 2,956	564,959 37,468	240,749 16,169	28,100 3,846	86,987 6,825	1,715,433 87,976
TRACTOR TRAILER COMBINATIONS COUNTED WEIGHED	620,910 77,429	100,963 5,229	213,235 37,629	44,672 8,503	7,220 2,315	16,390 1,704	1,003,390 132,809
TRUCK TRAILER COMBINATIONS COUNTED WEIGHED	16,584 2,233	2,010 78	7,009 1,391	2,119 262	365 80	628 94	28,715 4,138
TOTAL TRUCKS COUNTED WEIGHED	1,287,985 100,374	247,120 8,263	785,203 76,488	287,540 24,934	35,685 6,241	104,005 8,623	2,747,538 224,923
TOTAL VEHICLES COUNTED	4,124,086	1,017,564	2,620,943	1,157,611	119,050	714,941	9,754,195

# DISTRIBUTION OF STATIONS OPERATED AND VEHICLES COUNTED AND WEIGHED BY HIGHWAY SYSTEM

DATA YEAR 1977

Table 2C

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
NUMBER OF STATIONS OPERATED	184	14	289	60	34	26	607
PASSENGER VEHICLES COUNTED	2,260,815	689,665	1,957,255	994,520	76,439	246,212	6,224,906
SINGLE UNIT TRUCKS COUNTED WEIGHED	569,293 27,164	92,473 3,016	485,540 42,399	242,748 18,617	24,437 6,513	64,008 12,072	1,478,499 109,781
TRACTOR TRAILER COMBINATIONS COUNTED WEIGHED	571,647 73,745	67,337 5,318	197,653 40,722	43,070 9,032	5,798 4,469	7,452 4,002	892,957 137,288
TRUCK TRAILER COMBINATIONS COUNTED WEIGHED	15,769 1,953	1,116 78	7,613 1,287	2,561 286	386 86	300 88	27,745 3,778
TOTAL TRUCKS COUNTED WEIGHED	1,156,709 102,862	160,926 8,412	690,806 84,408	288,379 27,935	30,621 11,068	71,760 16,162	2,399,201 250,847
TOTAL VEHICLES COUNTED	3,417,524	850,591	2,648,061	1,282,899	107,060	317,972	8,624,107

**DISTRIBUTION OF STATIONS OPERATED AND VEHICLES COUNTED AND WEIGHED BY HIGHWAY SYSTEM**

**DATA YEAR 1976**

Table 2D

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
NUMBER OF STATIONS OPERATED	200	12	262	74	30	19	599
PASSENGER VEHICLES COUNTED	2,867,261	924,390	1,670,869	1,322,403	96,118	184,856	7,077,391
SINGLE UNIT TRUCKS COUNTED WEIGHED	640,858 27,501	136,646 3,159	488,901 40,422	290,651 17,275	26,574 5,154	46,408 12,279	1,633,302 105,790
TRACTOR TRAILER COMBINATIONS COUNTED WEIGHED	656,506 67,177	104,977 4,494	186,148 33,654	49,591 8,716	6,579 4,268	5,407 4,218	1,009,737 122,527
TRUCK TRAILER COMBINATIONS COUNTED WEIGHED	20,244 1,479	3,396 128	6,521 951	1,846 180	311 41	230 54	32,548 2,833
TOTAL TRUCKS COUNTED WEIGHED	1,317,608 96,157	245,019 7,781	681,570 75,027	342,088 26,171	33,464 9,463	52,045 16,551	2,675,587 231,150
TOTAL VEHICLES COUNTED	4,184,869	1,169,409	2,352,439	1,664,491	129,582	236,901	9,752,978



# DISTRIBUTION OF STATIONS OPERATED AND VEHICLES COUNTED AND WEIGHED BY HIGHWAY SYSTEM

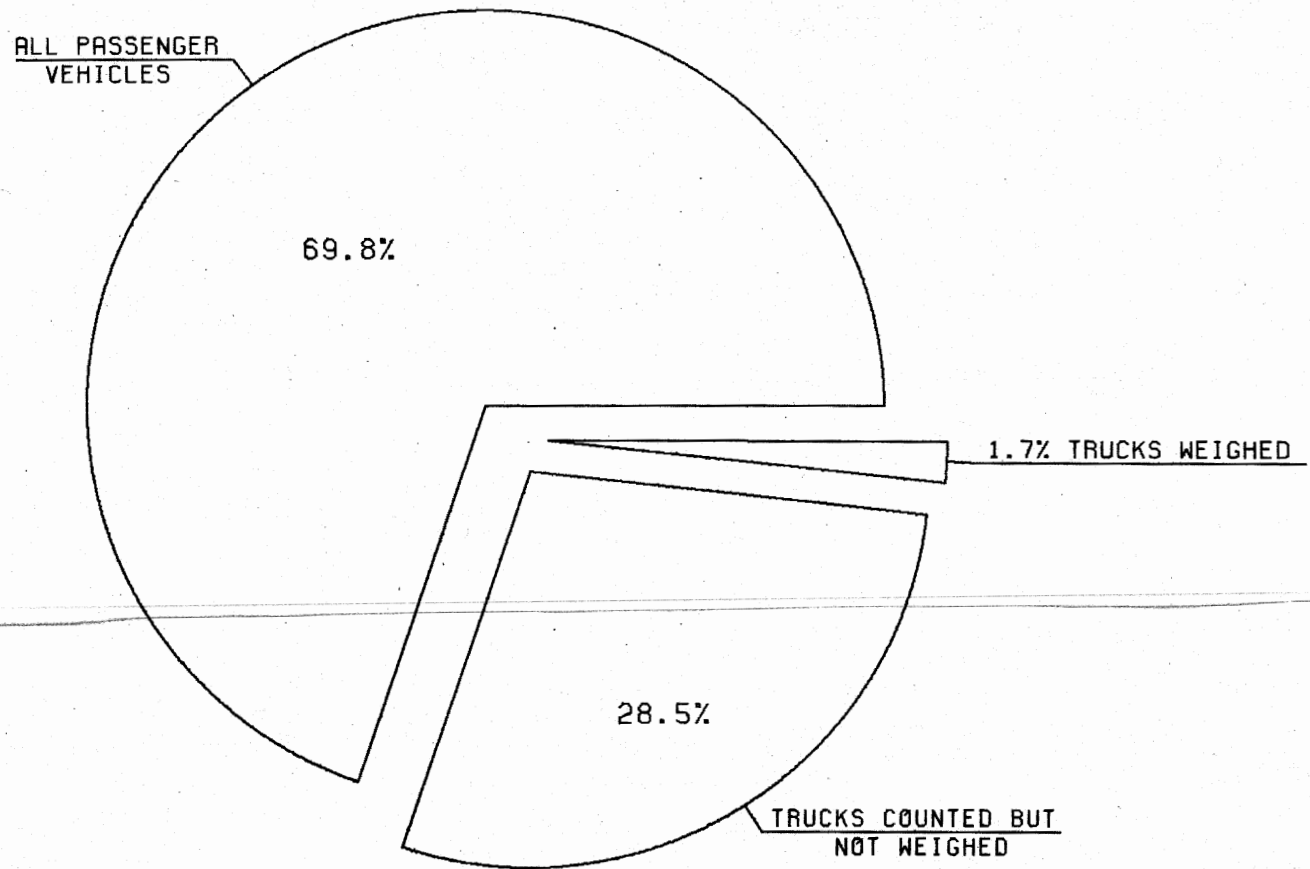
**DATA YEAR 1975**

Table 2E

VEHICLE TYPES	INTERSTATE RURAL	INTERSTATE URBAN	PRIMARY RURAL	PRIMARY URBAN	SECONDARY RURAL	SECONDARY URBAN	ALL SYSTEMS
NUMBER OF STATIONS OPERATED	203	17	298	74	31	23	646
PASSENGER VEHICLES COUNTED	3,022,366	680,555	2,062,008	1,591,204	264,148	513,442	8,133,723
SINGLE UNIT TRUCKS COUNTED WEIGHED	608,815 25,838	99,755 2,921	596,804 45,834	329,545 19,184	29,844 3,296	48,277 7,345	1,713,040 104,418
TRACTOR TRAILER COMBINATIONS COUNTED WEIGHED	625,821 72,346	76,146 3,992	231,481 37,637	66,582 8,734	10,314 2,135	5,300 1,664	1,015,644 126,508
TRUCK TRAILER COMBINATIONS COUNTED WEIGHED	13,383 1,905	1,590 124	6,560 1,212	3,594 209	390 51	191 41	25,708 3,542
TOTAL TRUCKS COUNTED WEIGHED	1,248,019 100,089	177,491 7,037	834,845 84,683	399,721 28,127	40,548 5,482	53,768 9,050	2,754,392 234,468
TOTAL VEHICLES COUNTED	4,270,385	858,046	2,896,853	1,990,925	304,696	567,210	10,888,115

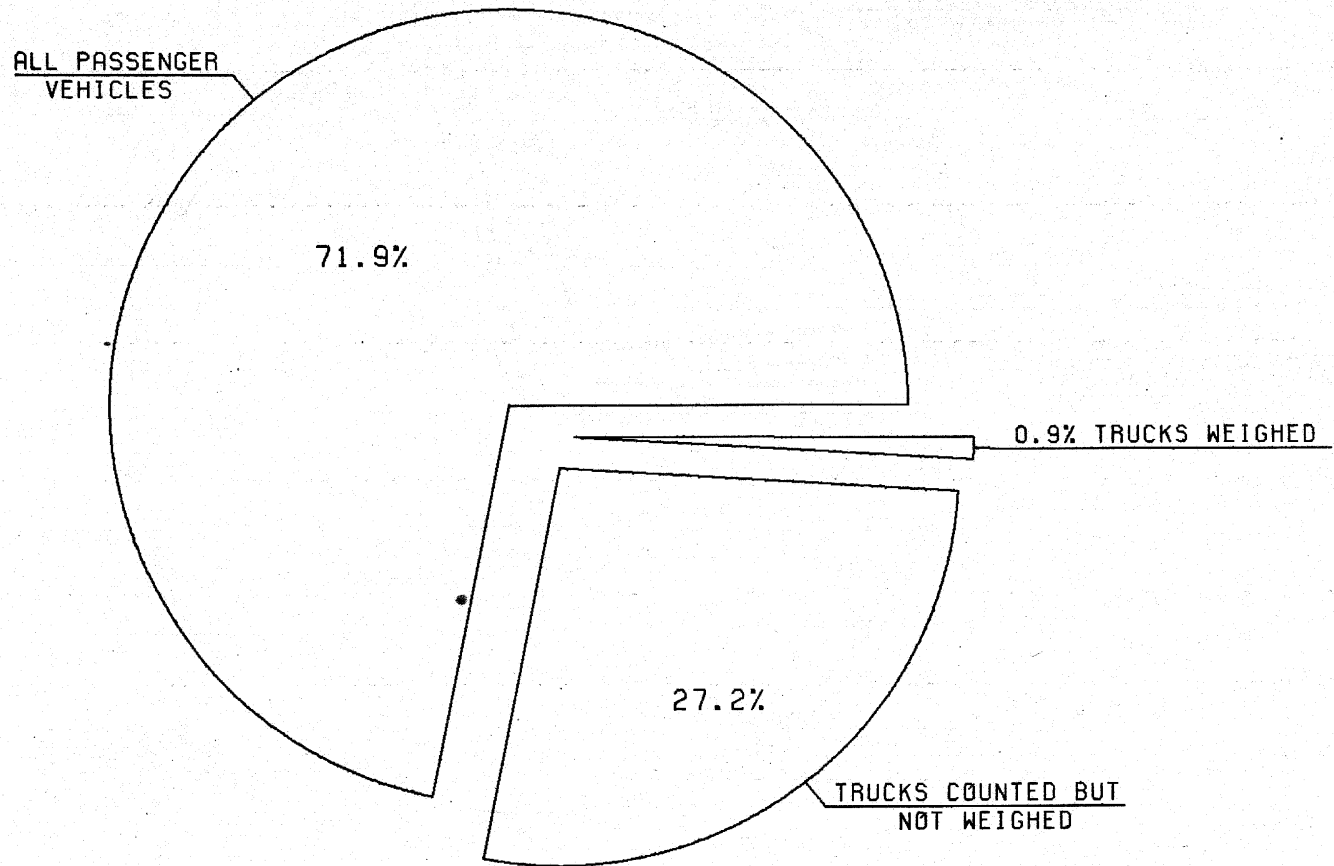
# DISTRIBUTION OF THE VEHICLES COUNTED AND WEIGHED FOR DATA YEAR 1979

Figure 1A



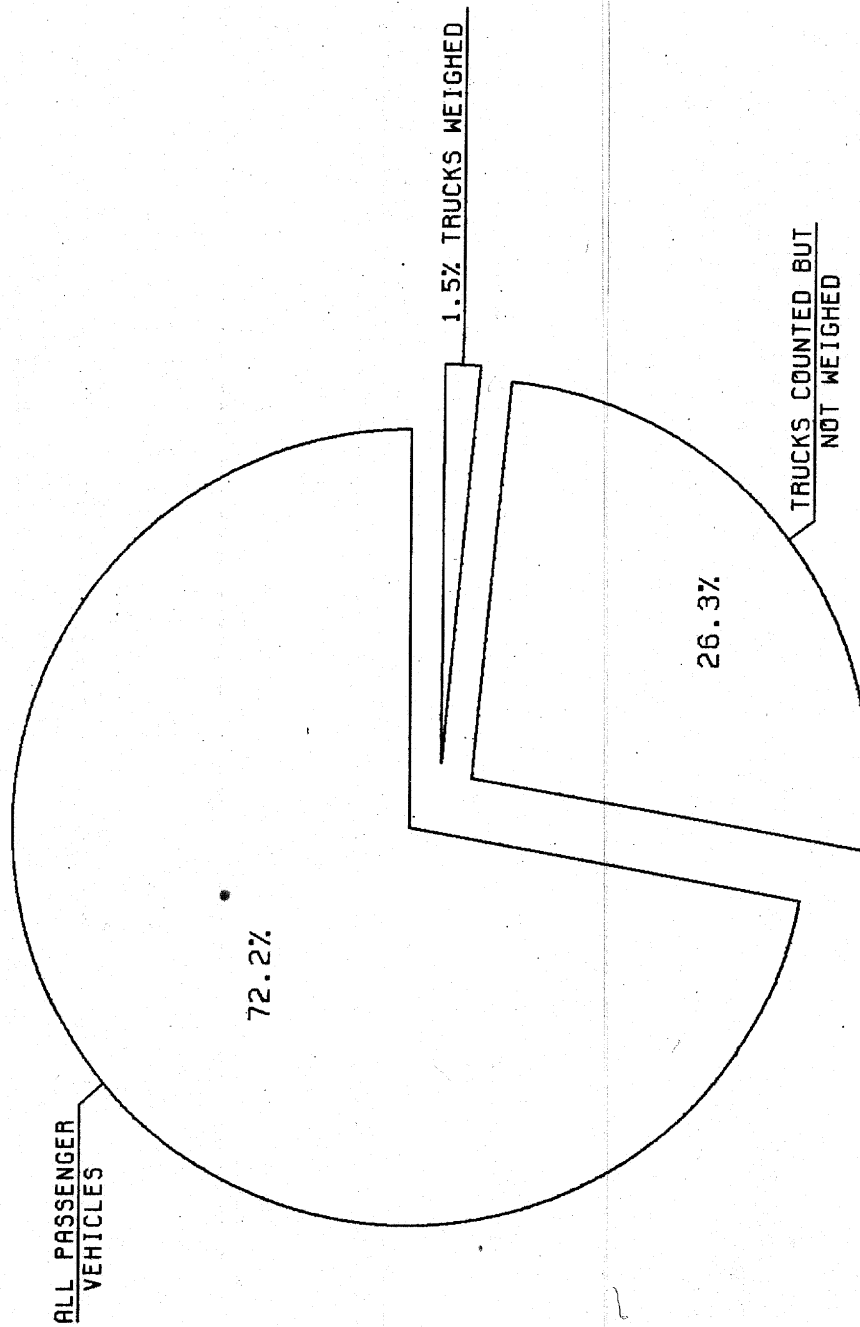
# DISTRIBUTION OF THE VEHICLES COUNTED AND WEIGHED FOR DATA YEAR 1978

Figure 1B



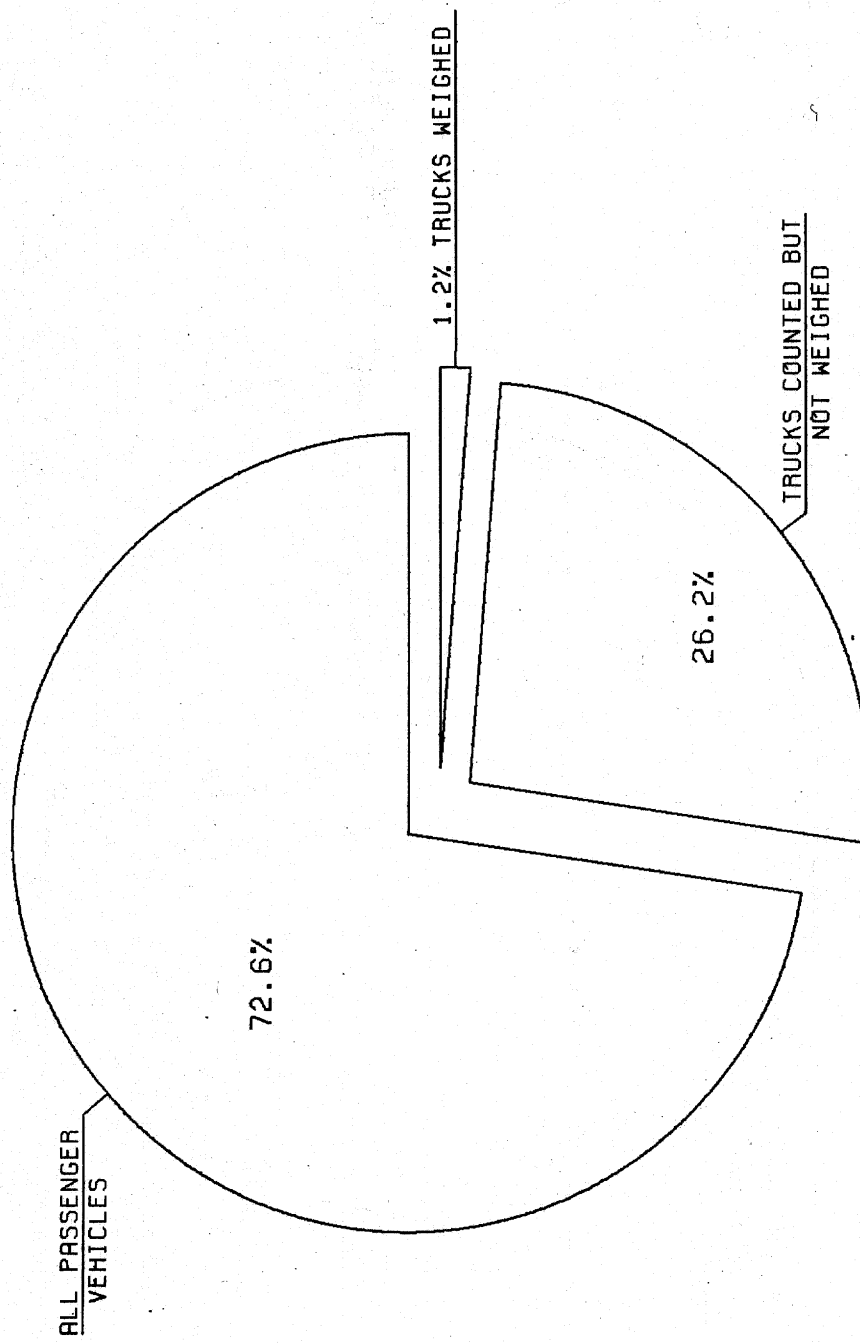
# DISTRIBUTION OF THE VEHICLES COUNTED AND WEIGHED FOR DATA YEAR 1977

Figure 1C



# DISTRIBUTION OF THE VEHICLES COUNTED AND WEIGHED FOR DATA YEAR 1976

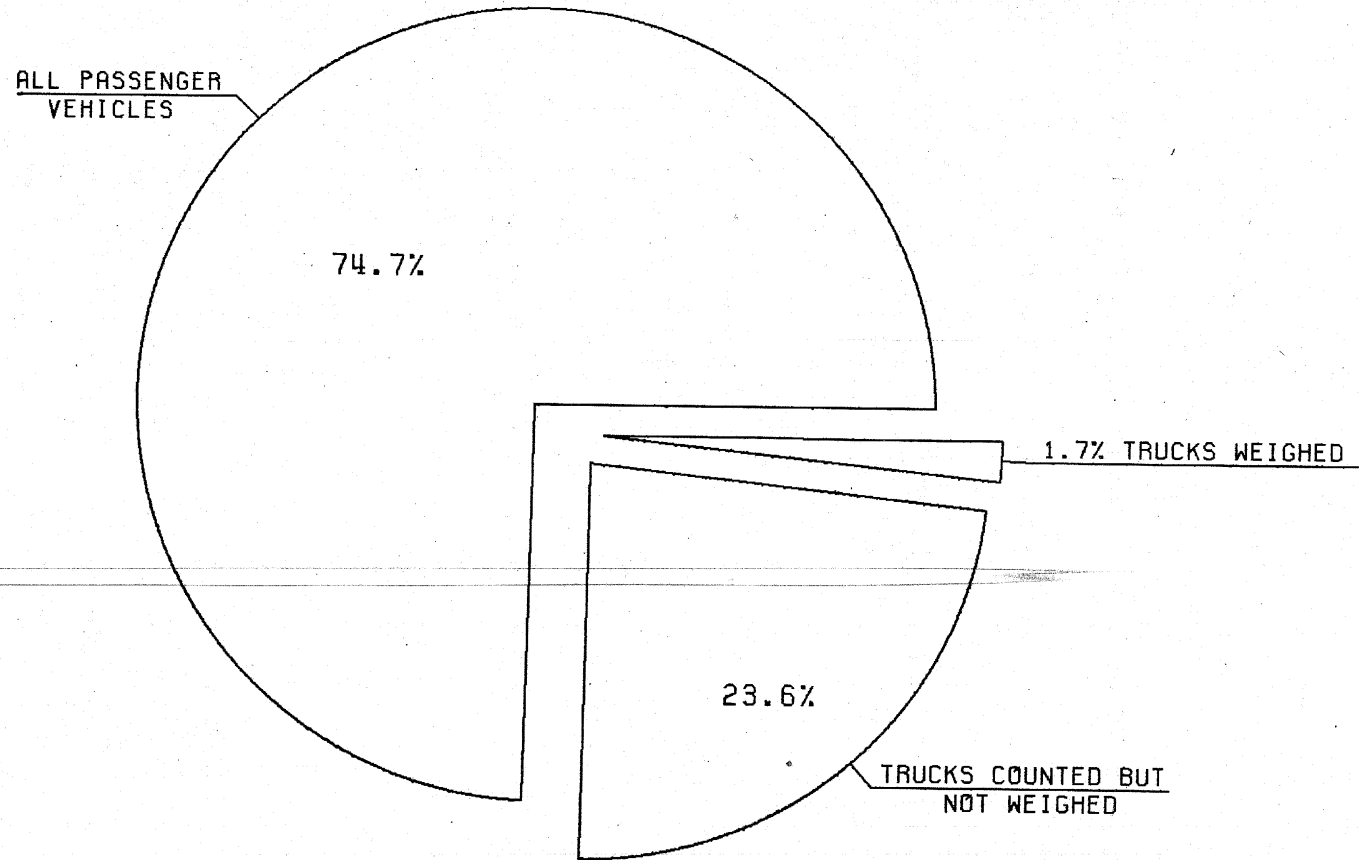
Figure 1D





# DISTRIBUTION OF THE VEHICLES COUNTED AND WEIGHED FOR DATA YEAR 1975

Figure 1E



WZ

**DISTRIBUTION OF TRUCKS COUNTED AND TRUCKS WEIGHED BY VEHICLE TYPE. (INTERSTATE RURAL)**

**DATA YEARS 1975-1979**

Table 3

VEHICLE TYPE	TOTAL TRUCKS COUNTED	PERCENT OF ALL TRUCKS COUNTED	TOTAL TRUCKS WEIGHED	PERCENT OF ALL TRUCKS WEIGHED	NUMBER WEIGHED AS A PERCENT OF NUMBER COUNTED
<b>SINGLE UNITS</b>					
<b>2 AXLE 4 TIRE</b>					
1975	463,242	37.12	6,271	7.94	1.35
1976	493,137	37.43	7,118	13.96	1.44
1977	439,689	38.02	3,174	5.84	0.72
1978	502,029	38.97	1,858	4.23	0.37
1979	357,846	41.33	2,272	4.60	0.63
<b>2 AXLE 6 TIRE</b>					
1975	123,251	9.87	10,818	13.69	8.77
1976	126,124	9.57	6,513	12.77	5.16
1977	107,156	9.26	6,840	12.57	6.38
1978	124,049	9.63	4,824	10.98	3.89
1979	76,021	8.78	6,019	12.19	7.92
<b>3 AXLE OR MORE</b>					
1975	22,322	1.79	2,948	3.73	13.21
1976	21,597	1.64	1,642	3.22	7.60
1977	22,448	1.94	1,764	3.24	7.86
1978	24,413	1.90	1,211	2.76	4.96
1979	17,245	1.99	1,712	3.47	9.93
<b>SUBTOTAL</b>					
1975	608,815	48.78	20,037	25.36	3.29
1976	640,858	48.64	15,273	29.95	2.38
1977	569,293	49.22	11,778	21.65	2.07
1978	650,491	50.50	7,893	17.97	1.21
1979	451,112	52.10	10,003	20.26	2.22
<b>TRACTOR SEMITRAILER COMB.</b>					
<b>3 AXLE</b>					
1975	20,101	1.62	1,915	2.42	9.53
1976	19,688	1.49	1,036	2.03	5.26
1977	14,857	1.28	1,223	2.25	8.23
1978	15,787	1.23	845	1.92	5.35
1979	9,073	1.05	842	1.71	9.28
<b>4 AXLE</b>					
1975	68,566	5.49	7,835	9.92	11.43
1976	65,746	4.99	5,180	10.16	7.88
1977	55,866	4.83	4,672	8.59	8.36
1978	56,714	4.40	3,178	7.24	5.60
1979	38,321	4.42	3,895	7.88	10.16
<b>5 AXLE OR MORE</b>					
1975	537,154	43.04	47,830	60.54	8.90
1976	571,072	43.34	29,094	57.05	5.09
1977	500,924	43.31	35,317	64.92	7.05
1978	548,409	42.58	31,208	71.05	5.69
1979	356,707	41.20	33,947	68.75	9.52
<b>SUBTOTAL</b>					
1975	625,821	50.15	57,580	72.88	9.20
1976	656,506	49.82	35,310	69.24	5.38
1977	571,647	49.42	41,212	75.76	7.21
1978	620,910	48.21	35,231	80.21	5.67
1979	404,101	46.67	38,684	78.34	9.57
<b>TRUCK TRAILER COMB.</b>					
<b>SUBTOTAL</b>					
1975	13,383	1.07	1,393	1.76	10.41
1976	20,244	1.54	415	0.81	2.05
1977	15,769	1.36	1,407	2.59	8.92
1978	16,584	1.29	798	1.82	4.81
1979	10,636	1.23	692	1.40	6.51
<b>ALL TRUCKS</b>					
1975	1,248,019	100.00	79,010	100.00	6.33
1976	1,317,608	100.00	50,998	100.00	3.87
1977	1,156,709	100.00	54,397	100.00	4.70
1978	1,287,985	100.00	43,922	100.00	3.41
1979	865,849	100.00	49,379	100.00	5.70

## DISTRIBUTION OF TRUCKS COUNTED AND TRUCKS WEIGHED BY VEHICLE TYPE. (ALL SYSTEMS)

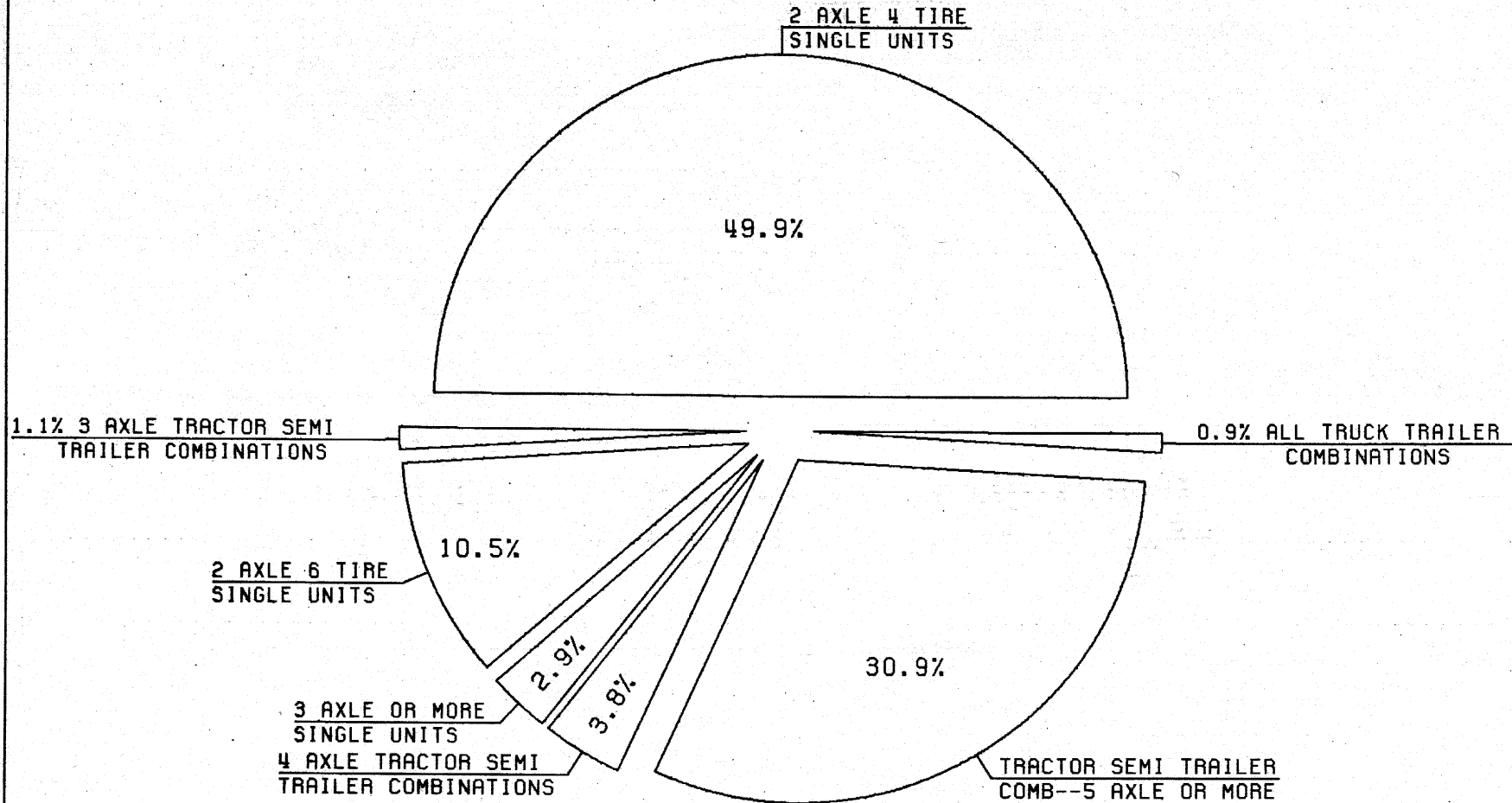
DATA YEARS 1975-1979

Table 4

VEHICLE TYPE	TOTAL TRUCKS COUNTED	PERCENT OF ALL TRUCKS COUNTED	TOTAL TRUCKS WEIGHED	PERCENT OF ALL TRUCKS WEIGHED	NUMBER WEIGHED AS A PERCENT OF NUMBER COUNTED
<b>SINGLE UNITS</b>					
<b>2 AXLE 4 TIRE</b>					
1975	1,342,551	48.74	39,943	21.42	2.98
1976	1,295,654	48.43	26,942	22.63	2.08
1977	1,150,300	47.95	23,779	18.63	2.07
1978	1,335,247	48.60	10,819	11.76	0.81
1979	903,735	49.92	18,272	18.23	2.02
<b>2 AXLE 6 TIRE</b>					
1975	306,304	11.12	34,351	18.42	11.21
1976	282,460	10.56	21,686	18.21	7.68
1977	263,601	10.99	22,488	17.62	8.53
1978	309,537	11.27	16,396	17.82	5.30
1979	190,531	10.53	15,883	15.86	8.34
<b>3 AXLE OR MORE</b>					
1975	64,185	2.33	8,910	4.78	13.88
1976	55,188	2.06	5,766	4.84	10.45
1977	64,598	2.69	6,291	4.93	9.74
1978	70,649	2.57	5,128	5.58	7.26
1979	52,328	2.89	4,674	4.66	8.93
<b>SUBTOTAL</b>					
1975	1,713,040	62.19	83,204	44.62	4.86
1976	1,633,302	61.05	54,394	45.68	3.33
1977	1,478,499	61.63	52,558	41.18	3.55
1978	1,715,433	62.44	32,343	35.16	1.89
1979	1,146,594	63.34	38,829	38.75	3.39
<b>TRACTOR SEMITRAILER COMB.</b>					
<b>3 AXLE</b>					
1975	37,760	1.37	3,999	2.14	10.59
1976	34,134	1.28	2,225	1.87	6.52
1977	28,937	1.21	2,564	2.01	8.86
1978	30,222	1.10	1,751	1.90	5.79
1979	19,093	1.05	1,563	1.56	8.19
<b>4 AXLE</b>					
1975	141,064	5.12	16,995	9.11	12.05
1976	117,000	4.37	11,990	10.07	10.25
1977	103,639	4.32	8,995	7.05	8.68
1978	113,694	4.14	5,961	6.48	5.24
1979	70,245	3.88	6,795	6.78	9.67
<b>5 AXLE OR MORE</b>					
1975	836,820	30.38	79,889	42.84	9.55
1976	858,603	32.09	49,614	41.67	5.78
1977	760,381	31.69	60,826	47.65	8.00
1978	859,474	31.28	50,620	55.03	5.89
1979	558,206	30.84	51,870	51.76	9.29
<b>SUBTOTAL</b>					
1975	1,015,644	36.87	100,883	54.10	9.93
1976	1,009,737	37.74	63,829	53.61	6.32
1977	892,957	37.22	72,385	56.71	8.11
1978	1,003,390	36.52	58,332	63.41	5.81
1979	647,544	35.77	60,228	60.10	9.30
<b>TRUCK TRAILER COMB.</b>					
<b>SUBTOTAL</b>					
1975	25,708	0.94	2,391	1.28	9.30
1976	32,548	1.22	843	0.71	2.59
1977	27,745	1.16	2,696	2.11	9.72
1978	28,715	1.05	1,318	1.43	4.59
1979	16,082	0.89	1,149	1.15	7.14
<b>ALL TRUCKS</b>					
1975	2,754,392	100.00	186,478	100.00	6.77
1976	2,675,587	100.00	119,066	100.00	4.45
1977	2,399,201	100.00	127,639	100.00	5.32
1978	2,747,538	100.00	91,993	100.00	3.35
1979	1,810,220	100.00	100,206	100.00	5.54

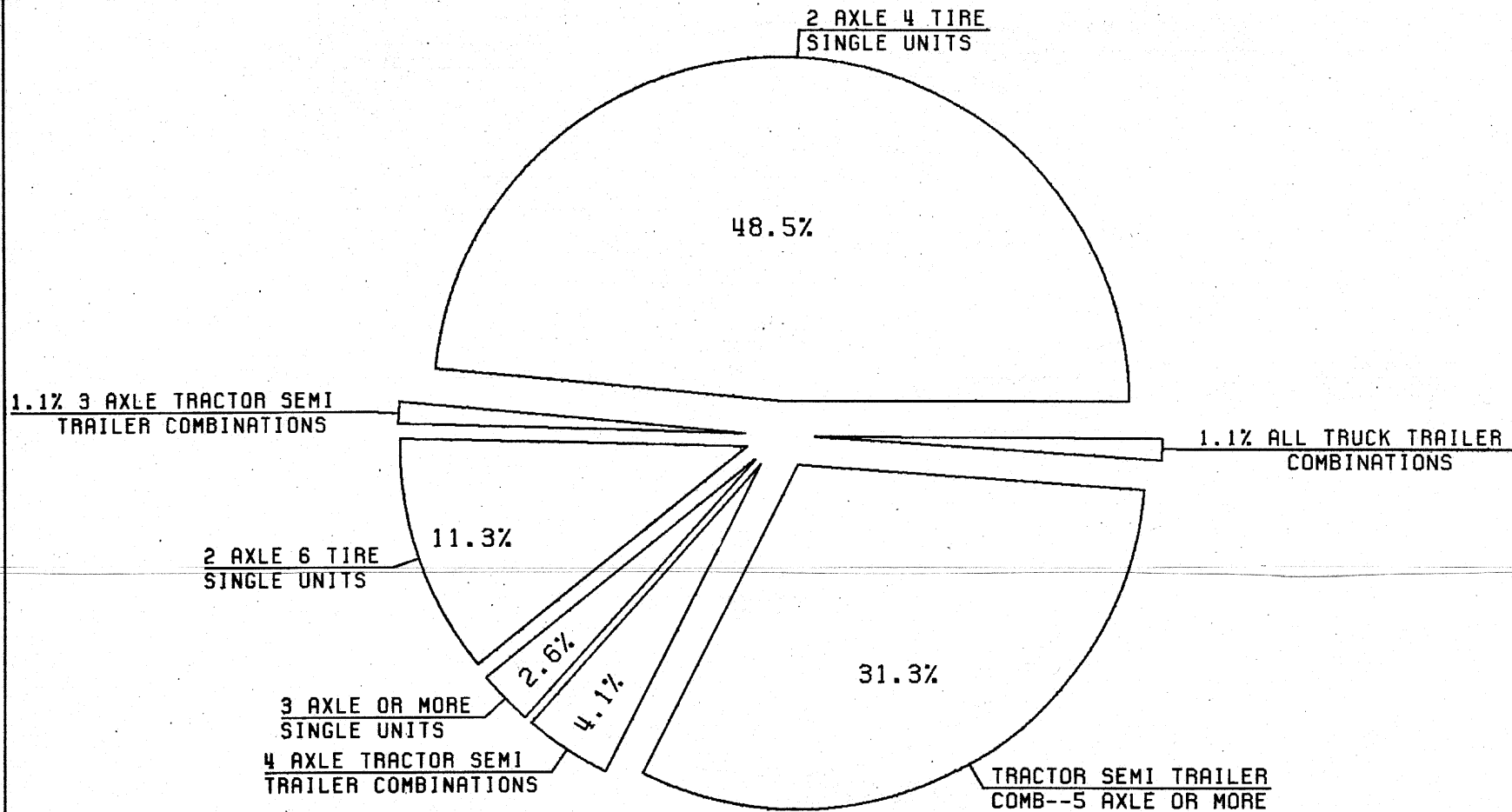
# DISTRIBUTION OF TRUCKS COUNTED BY VEHICLE TYPE FOR DATA YEAR 1979

Figure 2A



# DISTRIBUTION OF TRUCKS COUNTED BY VEHICLE TYPE FOR DATA YEAR 1978

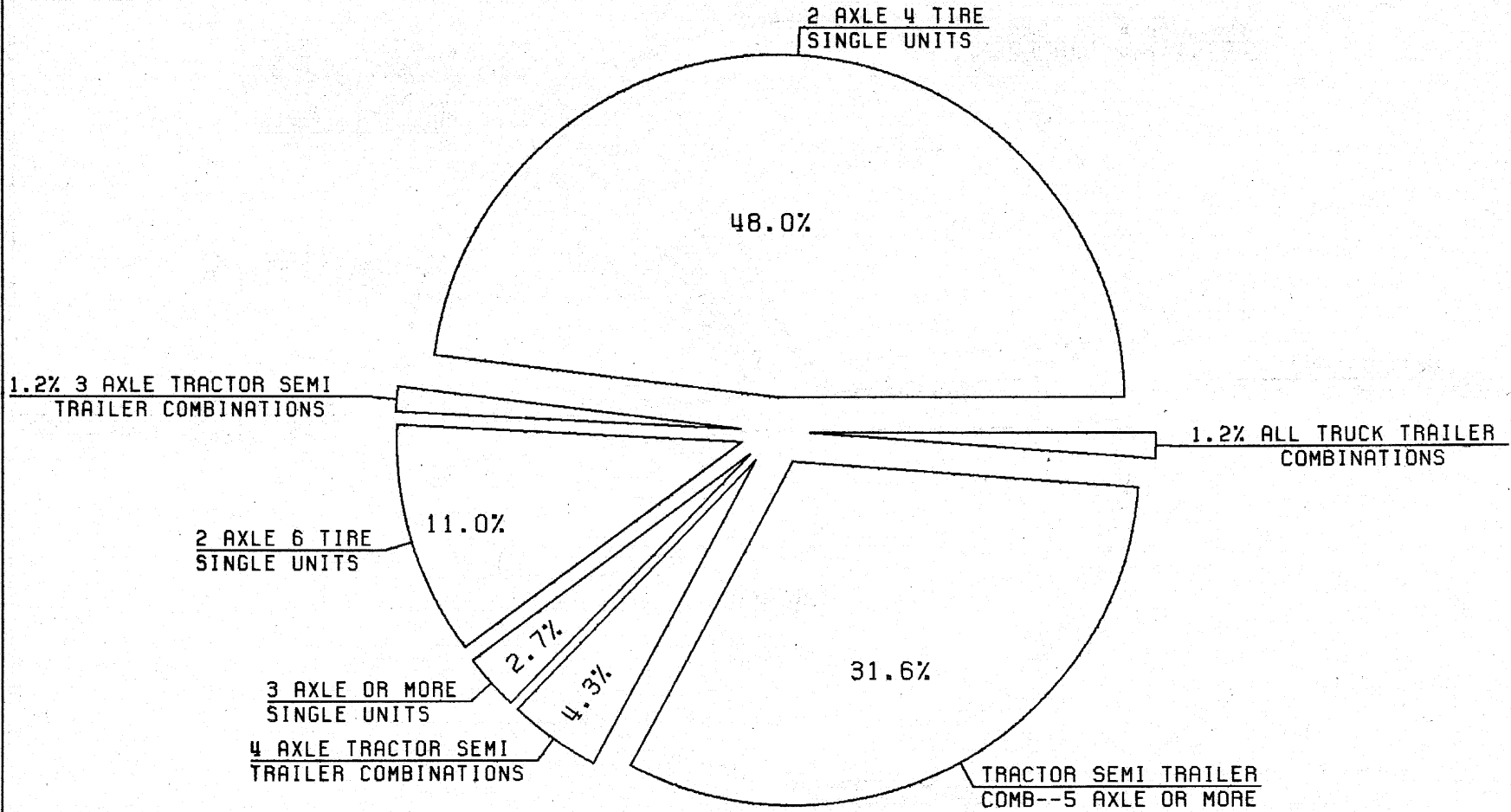
Figure 2B





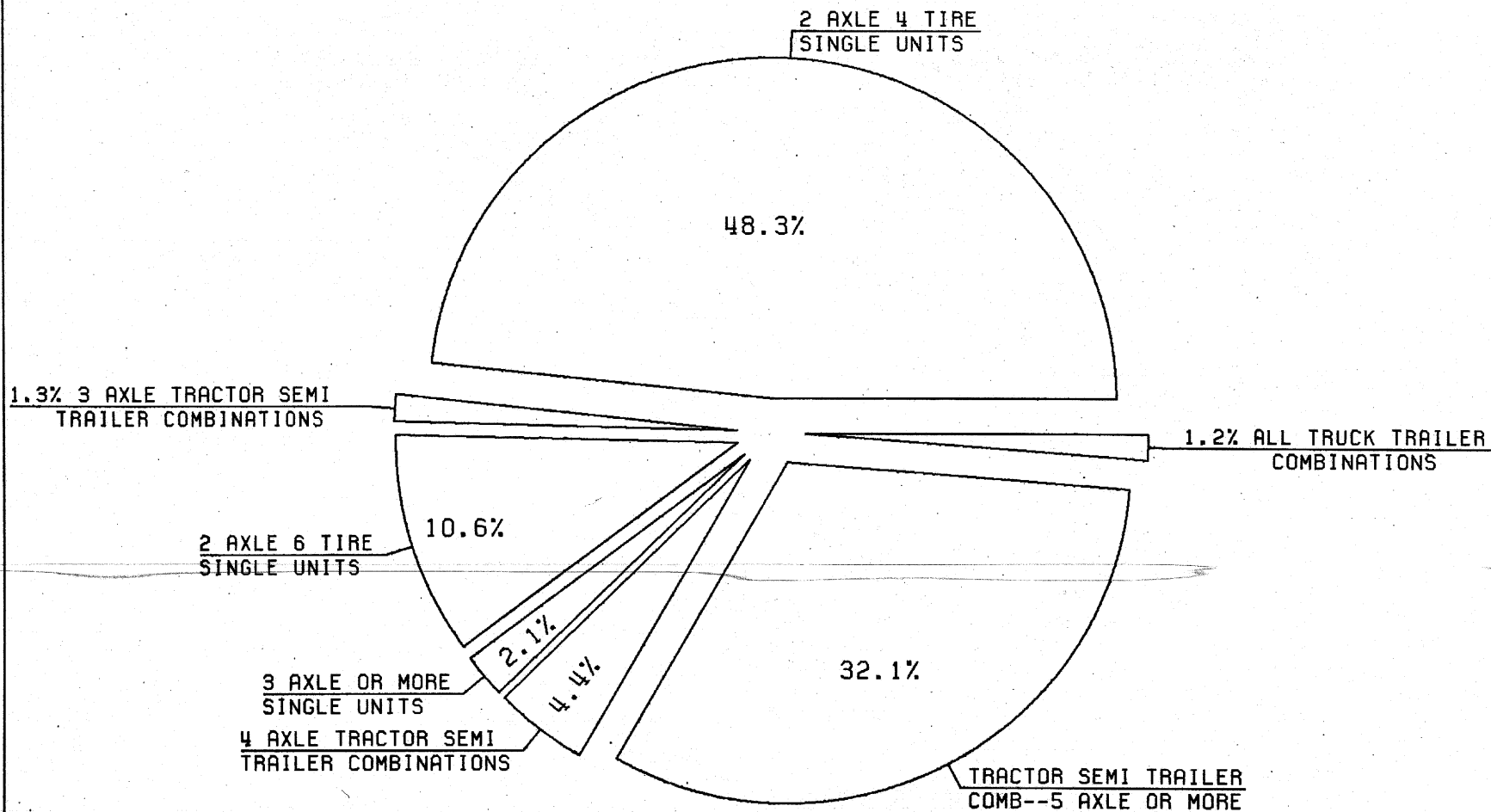
# DISTRIBUTION OF TRUCKS COUNTED BY VEHICLE TYPE FOR DATA YEAR 1977

Figure 2C



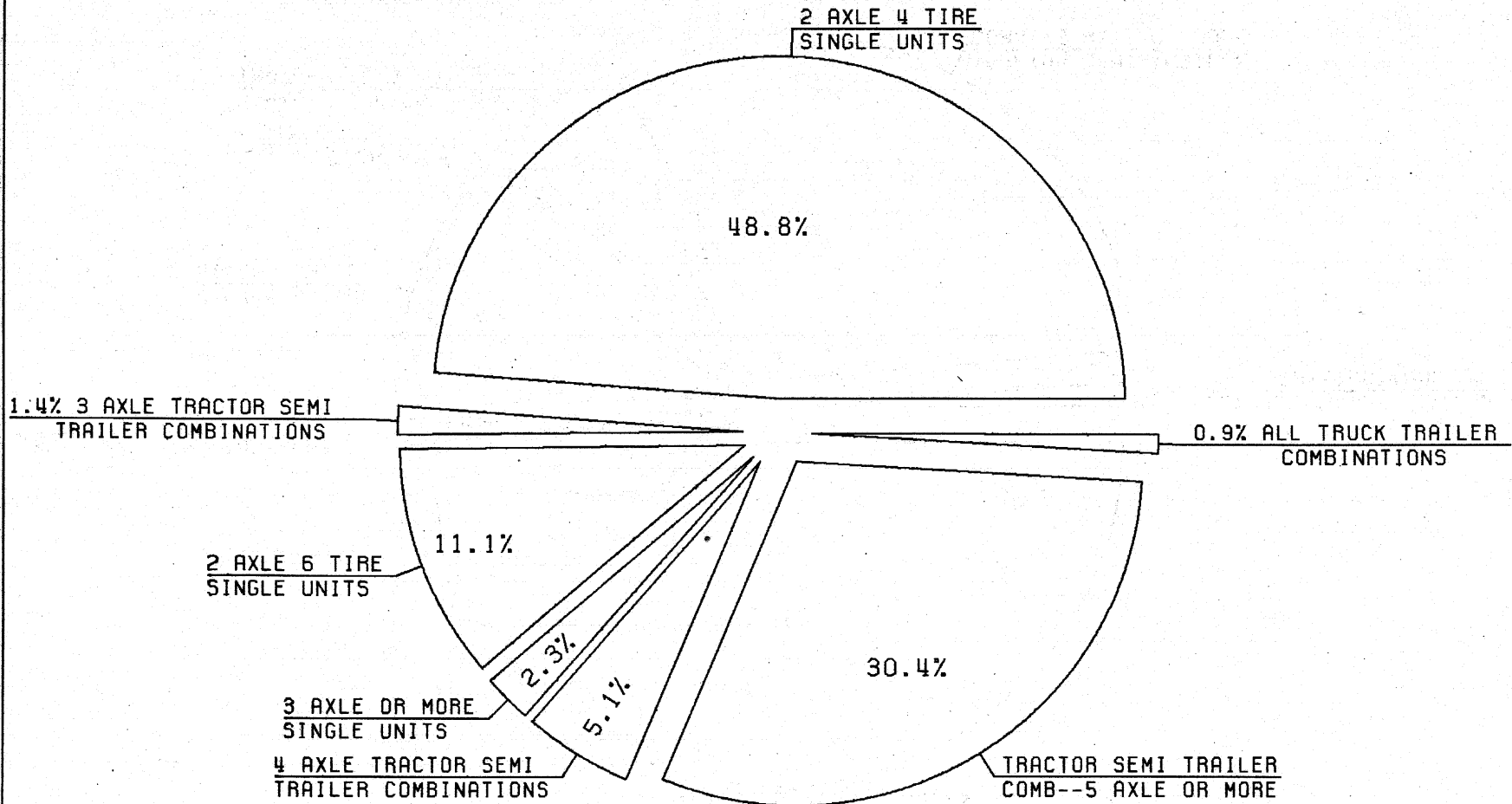
# DISTRIBUTION OF TRUCKS COUNTED BY VEHICLE TYPE FOR DATA YEAR 1976

Figure 2D



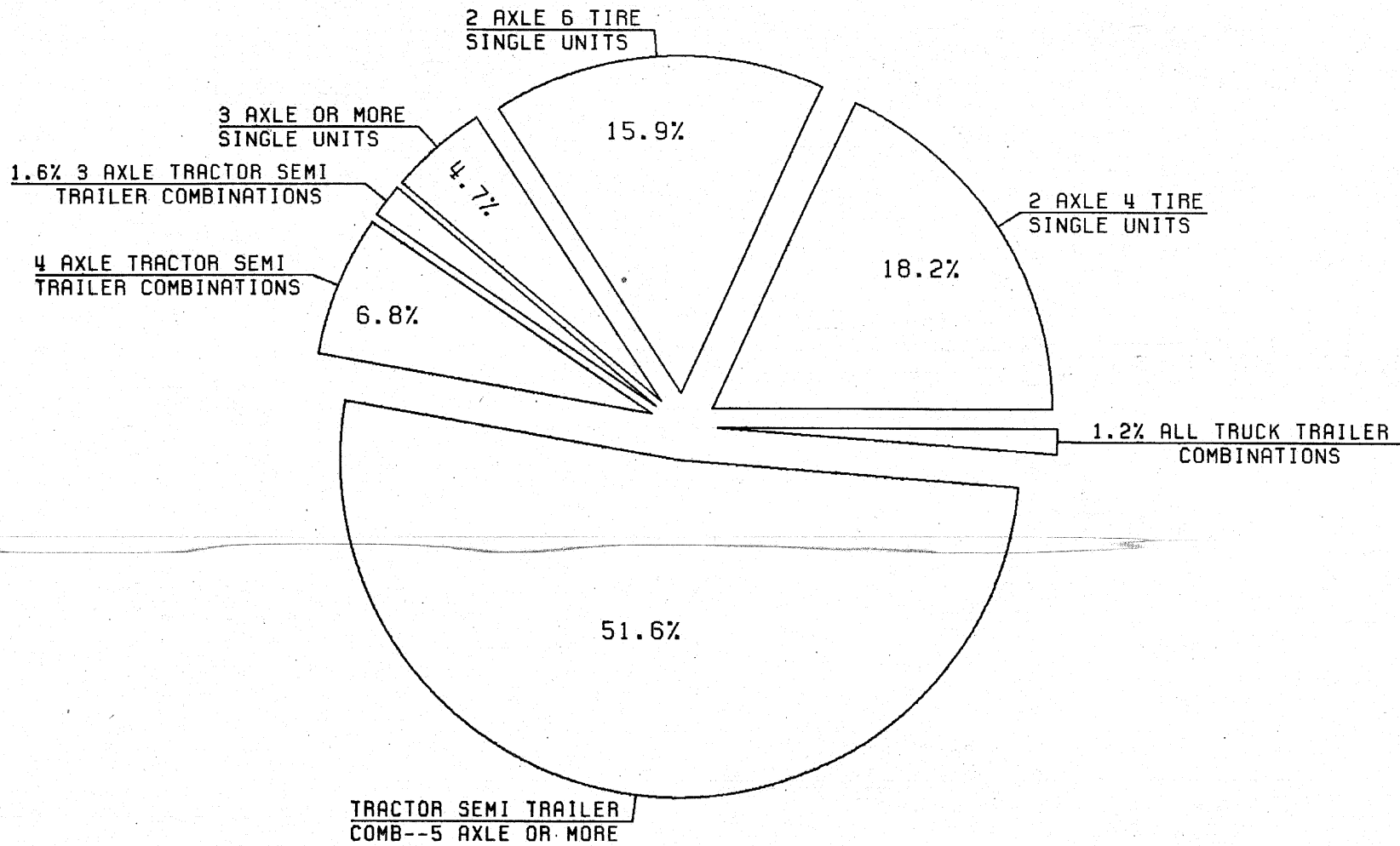
# DISTRIBUTION OF TRUCKS COUNTED BY VEHICLE TYPE FOR DATA YEAR 1975

Figure 2E



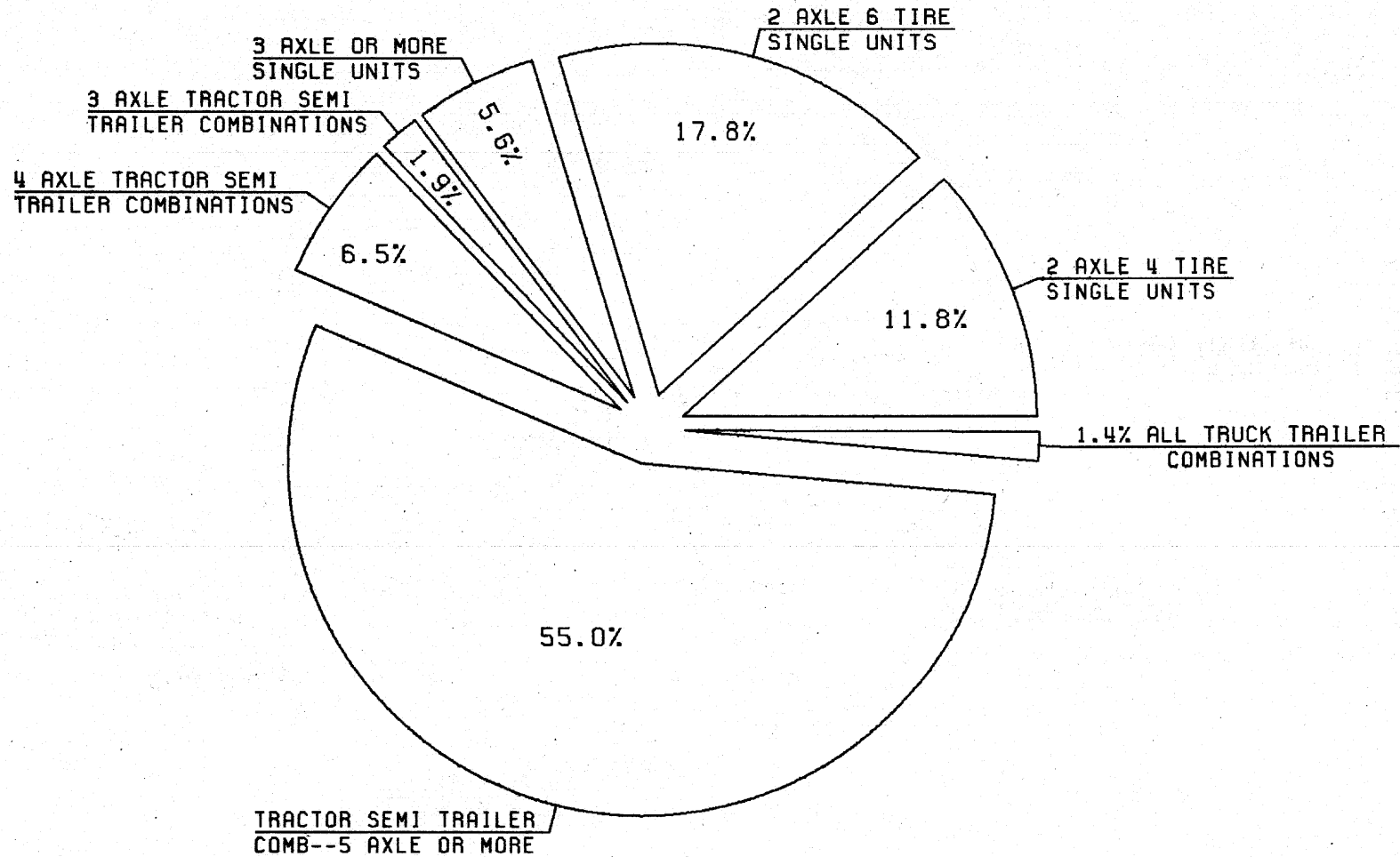
# DISTRIBUTION OF TRUCKS WEIGHED BY VEHICLE TYPE FOR DATA YEAR 1979

Figure 3A



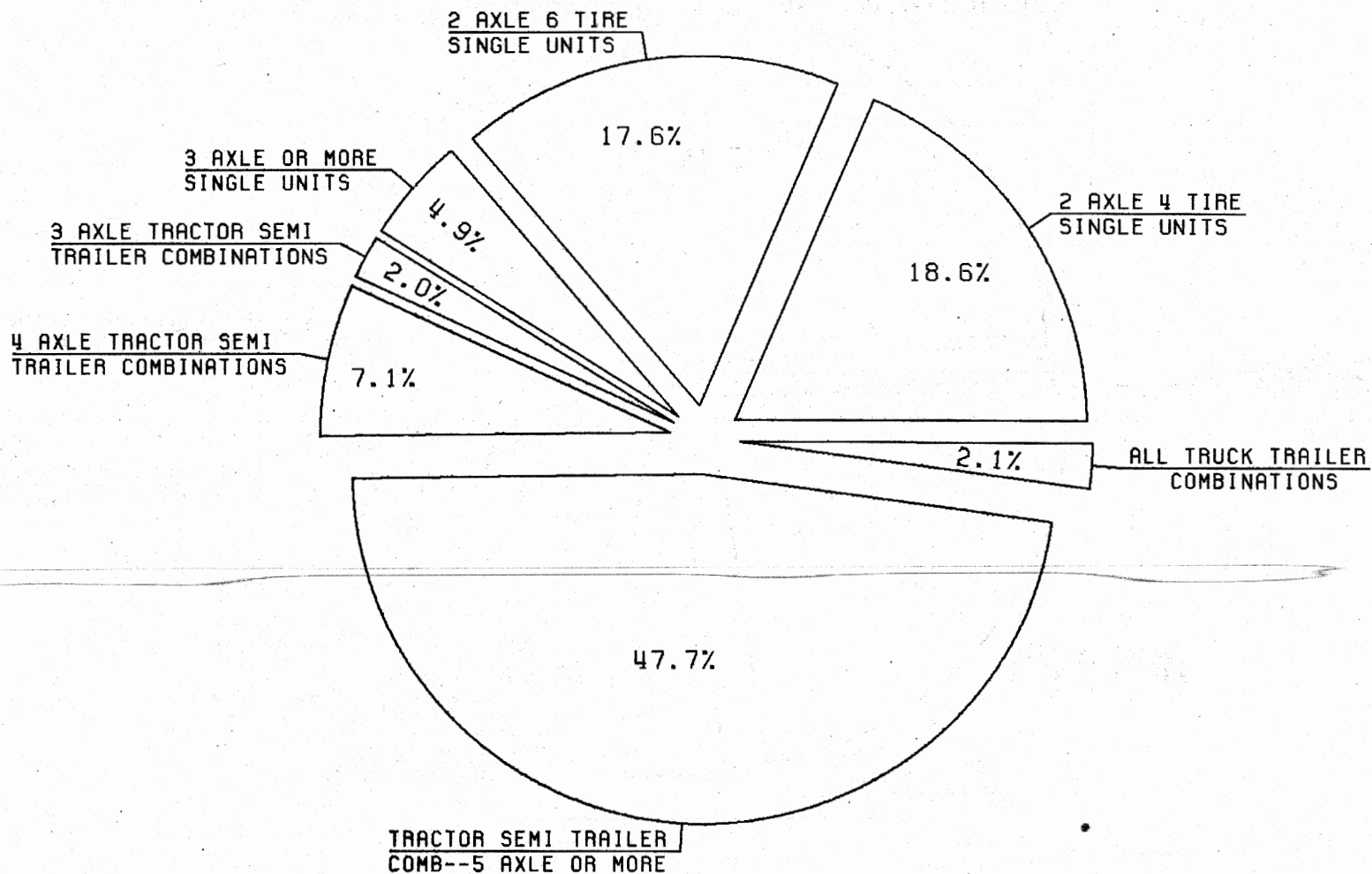
# DISTRIBUTION OF TRUCKS WEIGHED BY VEHICLE TYPE FOR DATA YEAR 1978

Figure 3B



# DISTRIBUTION OF TRUCKS WEIGHED BY VEHICLE TYPE FOR DATA YEAR 1977

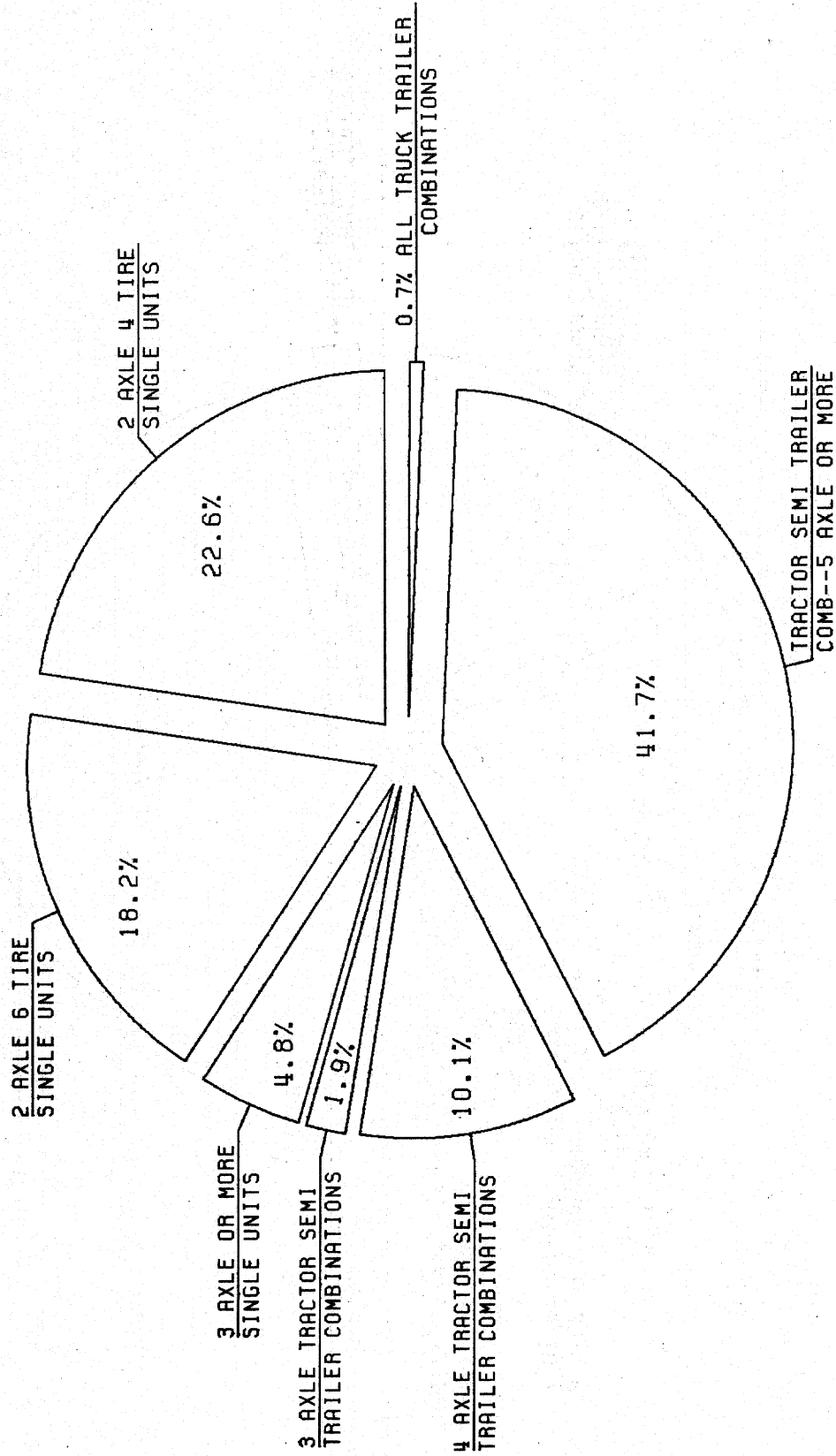
Figure 3C





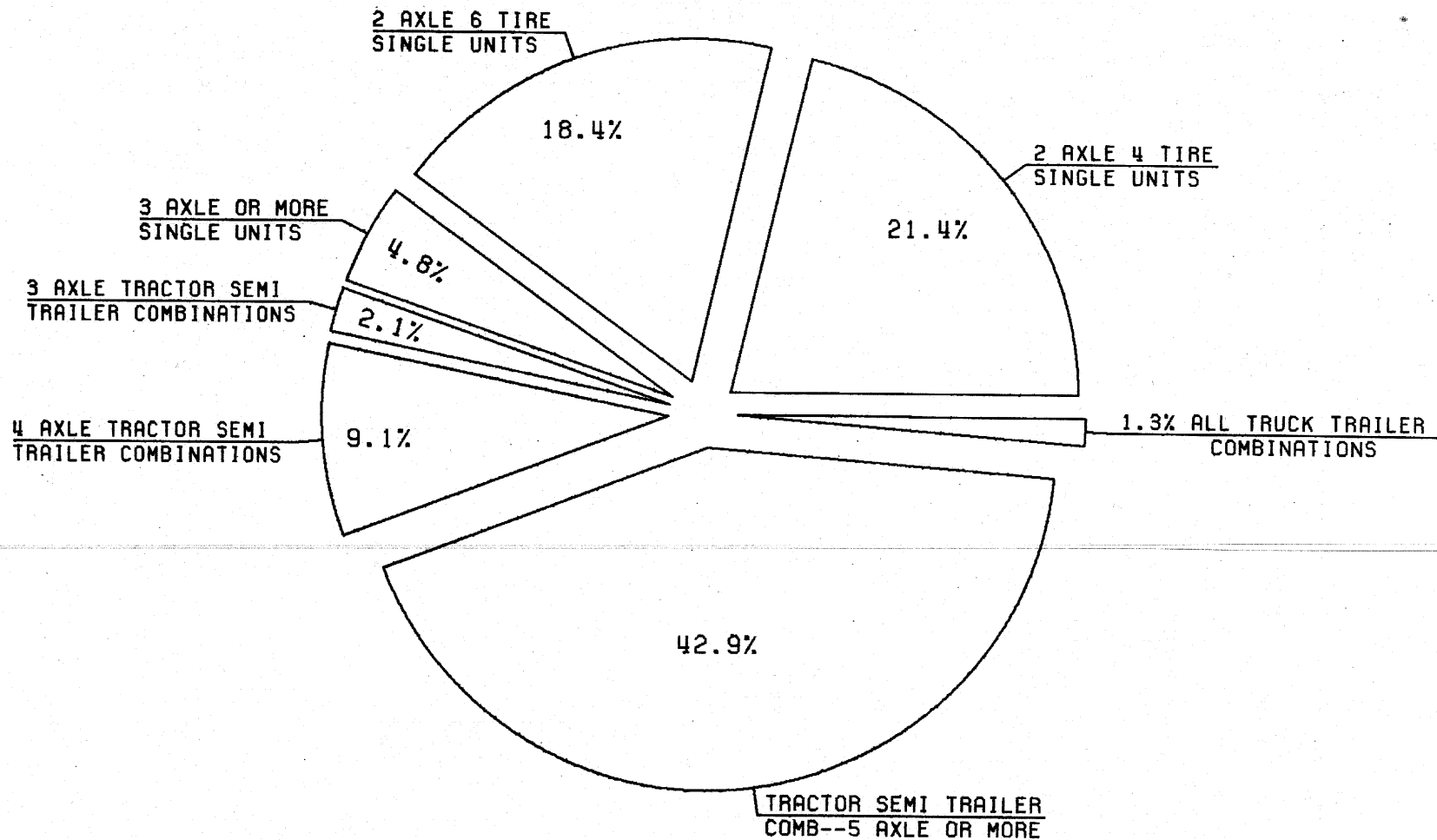
# DISTRIBUTION OF TRUCKS WEIGHED BY VEHICLE TYPE FOR DATA YEAR 1976

Figure 3D



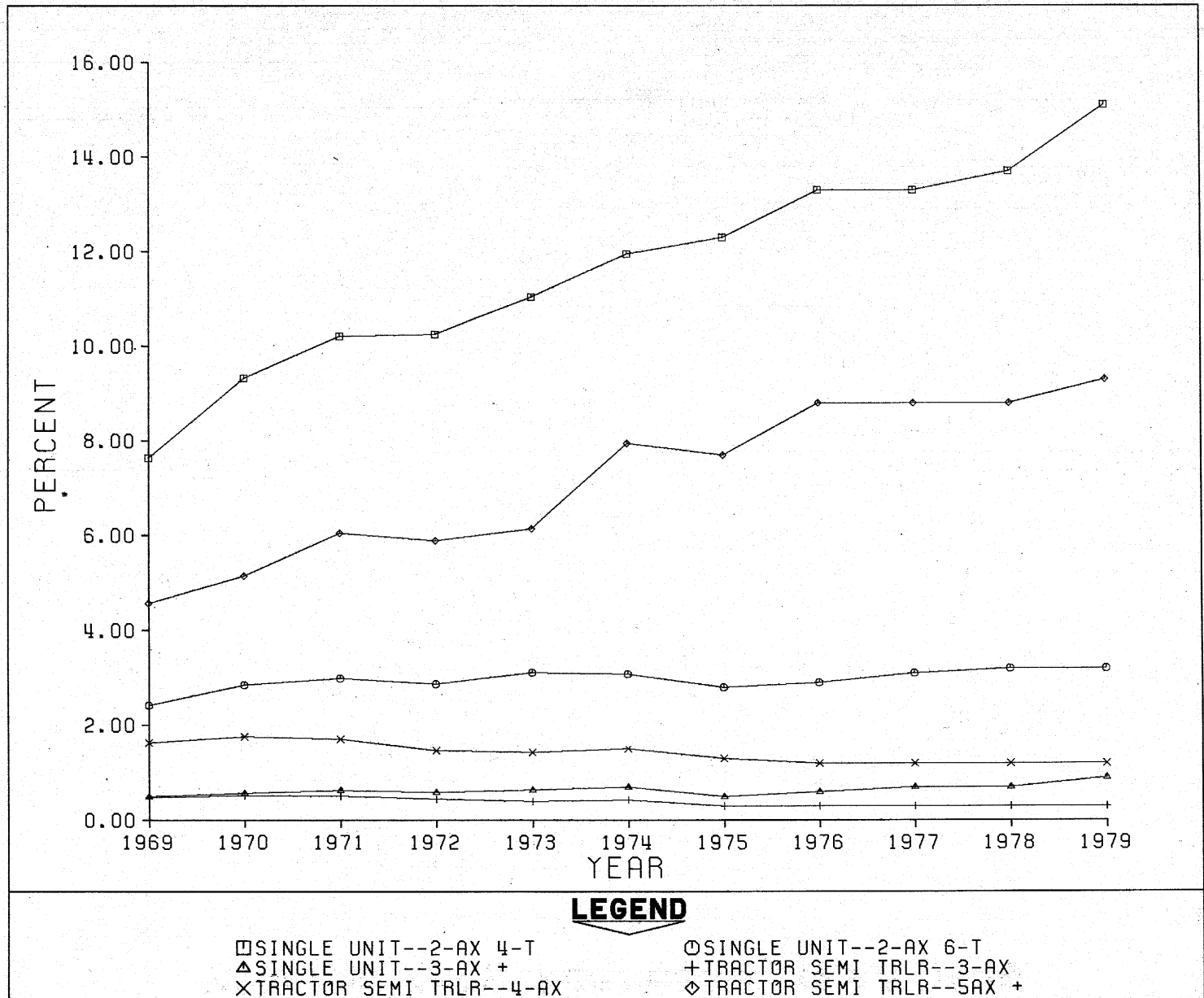
# DISTRIBUTION OF TRUCKS WEIGHED BY VEHICLE TYPE FOR DATA YEAR 1975

Figure 3E



# TRUCK TYPES AS A PERCENT OF ALL VEHICLES COUNTED 1969-1979

Figure 4

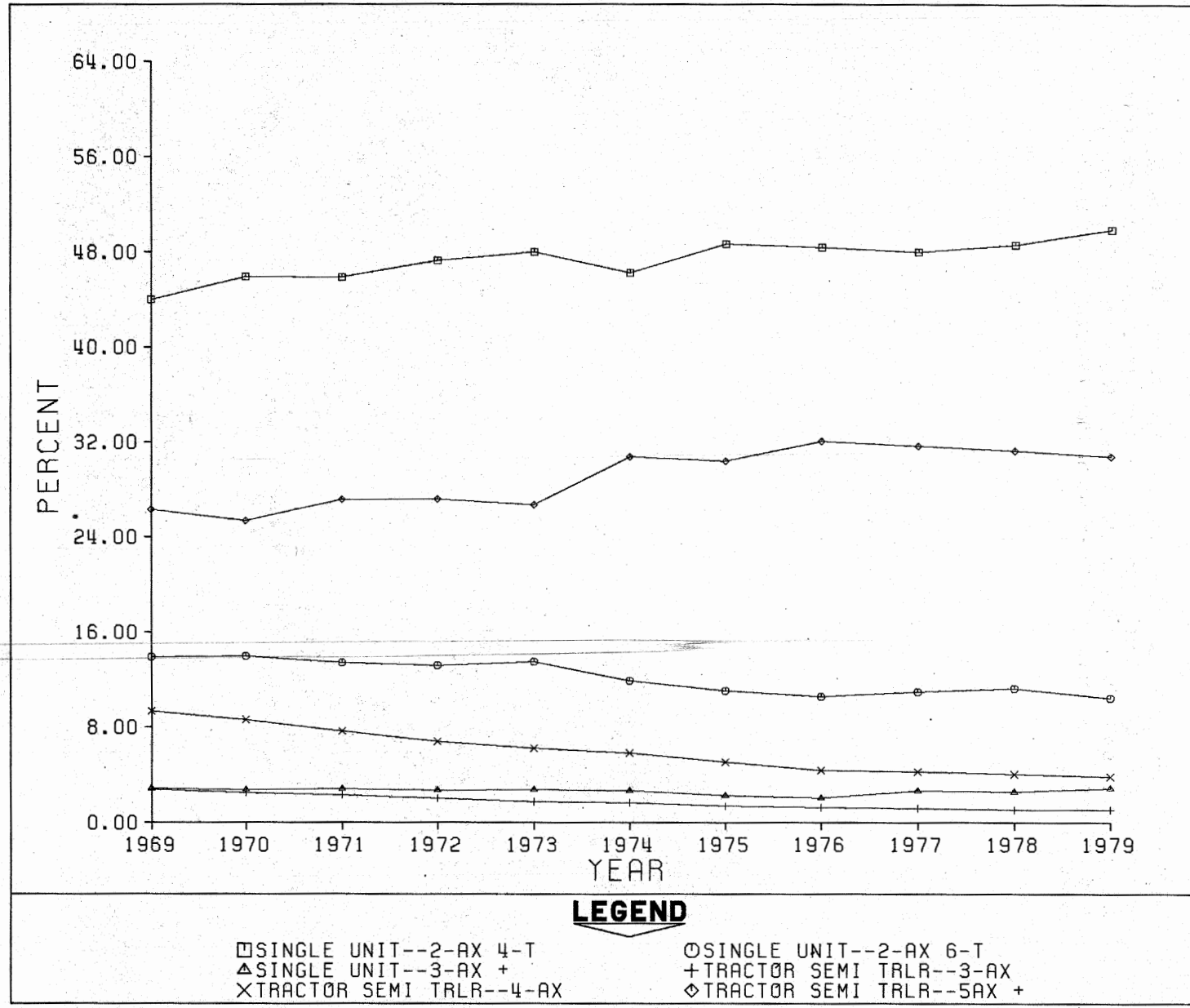


## LEGEND

- SINGLE UNIT--2-AX 4-T
- △ SINGLE UNIT--3-AX +
- × TRACTOR SEMI TRLR--4-AX
- SINGLE UNIT--2-AX 6-T
- + TRACTOR SEMI TRLR--3-AX
- ◇ TRACTOR SEMI TRLR--5AX +

# TRUCK TYPES AS A PERCENT OF ALL TRUCKS COUNTED 1969-1979

Figure 5



## Section II

### Average Weights of Trucks and Payloads and Percent of Trucks Loaded

This section includes tables showing the distribution of average payloads carried by body type, truck type, and class of operation. Separate tables are presented by highway category for each of the years 1975 through 1979. Also included is a series of tables which show the percent of trucks carrying loads.



**1846 - THE PLANK ROAD CRAZE**

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## INTERSTATE RURAL ROADS

DATA YEAR 1979

Table 5A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	131	3.74	16	3.79	3	5.04	6	0.22	156	3.55
	SEMI-COMB	212	16.69	304	19.21	79	18.68	106	17.80	701	18.09
	FULL-COMB	23	17.84	8	19.04	14	26.74	3	0.00	48	21.05
	TOTAL	366	11.74	328	18.60	96	19.41	115	18.12	905	15.78
HOPPER	SINGLE-UNIT	112	7.87	66	11.00	13	9.19	15	10.15	206	9.14
	SEMI-COMB	489	22.01	943	22.29	145	23.50	68	21.89	1,645	22.29
	FULL-COMB	13	23.49	16	22.39	2	0.00	-	0.00	31	23.19
	TOTAL	614	19.68	1,025	21.62	160	22.37	83	19.65	1,882	20.99
DUMP TRUCK	SINGLE-UNIT	356	10.48	49	10.29	39	9.09	160	3.26	604	8.36
	SEMI-COMB	284	23.17	167	19.89	59	19.94	143	15.16	653	19.80
	FULL-COMB	43	19.88	24	19.82	23	22.11	4	21.19	94	20.79
	TOTAL	683	16.40	240	18.71	121	18.53	307	9.38	1,351	15.09
REFRIGERATED VAN	SINGLE-UNIT	726	2.61	149	3.04	73	0.11	39	2.88	987	2.56
	SEMI-COMB	2,182	14.03	6,383	16.10	623	15.46	358	14.92	9,546	15.49
	FULL-COMB	6	16.87	6	27.29	4	12.26	-	0.00	16	18.49
	TOTAL	2,914	11.20	6,538	15.89	700	13.70	397	13.94	10,549	14.55
NON-PETROLEUM TANKER	SINGLE-UNIT	98	5.24	17	3.29	10	9.91	8	5.89	133	5.42
	SEMI-COMB	575	19.58	1,053	18.71	113	19.12	155	21.16	1,896	19.19
	FULL-COMB	38	22.42	43	22.97	12	22.55	1	19.90	94	22.60
	TOTAL	711	17.76	1,113	18.62	135	18.74	164	20.62	2,123	18.49
PETROLEUM TANKER	SINGLE-UNIT	76	3.49	4	0.38	4	1.63	43	5.10	127	2.88
	SEMI-COMB	484	21.44	574	21.04	109	20.23	413	14.70	1,580	19.21
	FULL-COMB	154	24.95	109	25.75	31	25.64	6	0.00	300	25.43
	TOTAL	714	19.94	687	21.67	144	21.04	462	13.86	2,007	18.97
AUTO CARRIER	SINGLE-UNIT	33	4.21	6	4.86	3	0.00	2	0.00	44	4.12
	SEMI-COMB	119	10.31	777	10.43	26	10.54	87	8.94	1,009	10.34
	FULL-COMB	4	10.30	39	9.97	-	0.00	-	0.00	43	10.34
	TOTAL	156	9.41	822	10.32	29	9.08	89	8.52	1,096	10.18
VAN	SINGLE-UNIT	2,966	2.27	723	2.09	614	1.89	300	2.88	4,603	2.24
	SEMI-COMB	7,081	11.29	19,003	12.58	1,627	12.30	4,278	15.78	31,989	12.62
	FULL-COMB	53	8.31	73	8.47	16	13.33	5	0.00	147	9.06
	TOTAL	10,100	8.67	19,799	12.43	2,257	9.68	4,583	16.38	36,739	11.92
FLAT BED	SINGLE-UNIT	1,742	2.89	145	2.78	101	3.53	183	4.06	2,171	2.96
	SEMI-COMB	3,378	15.51	6,091	16.48	962	17.32	1,172	15.17	11,603	16.12
	FULL-COMB	244	15.93	114	15.86	45	18.99	16	0.00	419	15.94
	TOTAL	5,364	11.88	6,350	16.35	1,108	16.57	1,371	15.37	14,193	14.74
OTHER	SINGLE-UNIT	2,110	1.83	280	1.24	162	1.33	558	1.98	3,110	1.79
	SEMI-COMB	390	15.52	277	14.57	234	21.32	32	11.99	933	16.57
	FULL-COMB	92	4.35	59	10.34	29	17.51	2	6.05	182	8.51
	TOTAL	2,592	5.07	616	9.93	425	14.28	592	2.89	4,225	6.84
TOTAL	SINGLE-UNIT	8,350	3.40	1,455	2.61	1,022	1.85	1,314	3.91	12,141	3.29
	SEMI-COMB	15,194	14.07	35,572	14.61	3,977	15.68	6,812	15.46	61,555	14.60
	FULL-COMB	670	16.73	491	16.41	176	20.63	37	15.40	1,374	17.08
	TOTAL	24,214	11.66	37,518	14.57	5,175	13.63	8,163	16.80	75,070	14.22

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.



# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## INTERSTATE RURAL ROADS

DATA YEAR 1978

Table 5B

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS									
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
<b>LIVESTOCK</b>										
SINGLE-UNIT	142	3.97	12	4.15	10	3.48	4	6.20	168	4.04
SEMI-COMB	249	16.76	352	18.56	94	19.13	114	15.58	809	17.64
FULL-COMB	29	14.33	8	17.84	16	24.75	5	21.48	58	18.46
TOTAL	420	12.39	372	18.12	120	17.89	123	16.89	1,035	15.55
<b>HOPPER</b>										
SINGLE-UNIT	99	7.50	20	9.45	25	9.27	14	12.35	158	8.54
SEMI-COMB	467	22.47	729	21.81	162	21.99	45	21.55	1,403	22.06
FULL-COMB	14	25.25	12	22.90	5	0.00	-	0.00	31	23.68
TOTAL	580	20.43	761	21.64	192	20.18	59	19.32	1,592	21.02
<b>DUMP TRUCK</b>										
SINGLE-UNIT	348	9.70	31	12.67	29	9.37	141	4.18	549	7.77
SEMI-COMB	285	22.55	171	20.39	41	22.44	92	13.49	589	20.31
FULL-COMB	47	20.83	20	19.91	23	22.59	1	20.90	91	21.24
TOTAL	680	16.19	222	19.96	93	19.31	234	7.50	1,229	15.03
<b>REFRIGERATED VAN</b>										
SINGLE-UNIT	784	2.60	71	2.64	70	1.27	22	2.76	947	2.49
SEMI-COMB	2,096	13.40	6,136	16.18	806	15.85	297	15.43	9,335	15.42
FULL-COMB	5	25.16	9	0.00	2	0.00	-	0.00	16	20.95
TOTAL	2,885	10.77	6,216	16.15	878	15.05	319	14.93	10,298	14.74
<b>NON-PETROLEUM TANKER</b>										
SINGLE-UNIT	98	5.48	17	5.96	11	3.87	11	7.68	137	5.54
SEMI-COMB	540	19.17	845	19.50	96	21.16	116	19.38	1,597	19.47
FULL-COMB	37	22.12	57	24.68	13	23.62	1	19.90	108	23.44
TOTAL	675	17.34	919	19.49	120	19.79	128	18.37	1,842	18.62
<b>PETROLEUM TANKER</b>										
SINGLE-UNIT	78	3.71	4	0.36	2	0.08	38	4.09	122	3.07
SEMI-COMB	488	22.57	543	21.83	56	23.60	486	14.22	1,573	19.57
FULL-COMB	173	25.13	98	25.70	32	25.62	7	0.00	310	25.40
TOTAL	739	20.94	645	22.26	90	23.87	531	13.53	2,005	19.33
<b>AUTO CARRIER</b>										
SINGLE-UNIT	29	3.75	5	4.24	3	0.00	4	0.00	41	3.48
SEMI-COMB	121	9.95	759	11.04	22	10.95	120	10.96	1,022	10.88
FULL-COMB	6	6.40	40	11.63	2	10.28	5	17.57	53	11.33
TOTAL	156	9.14	804	11.00	27	8.96	129	10.66	1,116	10.77
<b>VAN</b>										
SINGLE-UNIT	2,862	2.20	482	2.21	647	2.11	307	3.01	4,298	2.26
SEMI-COMB	6,811	11.39	17,346	12.71	1,747	12.28	4,455	14.95	30,359	12.64
FULL-COMB	82	12.40	57	9.39	46	5.15	8	21.06	193	9.07
TOTAL	9,755	8.82	17,885	12.60	2,440	9.61	4,770	16.37	34,850	12.00
<b>FLAT BED</b>										
SINGLE-UNIT	1,725	3.15	92	2.75	143	3.85	202	3.86	2,162	3.22
SEMI-COMB	3,166	15.26	5,492	16.70	971	17.55	1,419	14.63	11,048	16.07
FULL-COMB	288	15.07	92	17.75	59	17.87	14	5.31	453	15.73
TOTAL	5,179	11.73	5,676	16.60	1,173	16.37	1,635	14.92	13,663	14.72
<b>OTHER</b>										
SINGLE-UNIT	1,953	1.88	159	1.21	132	1.50	639	0.95	2,883	1.55
SEMI-COMB	384	15.71	317	15.53	293	21.43	36	9.27	1,030	16.48
FULL-COMB	124	2.46	37	11.65	49	16.24	6	2.62	216	4.43
TOTAL	2,461	5.20	513	13.49	474	16.99	681	4.77	4,129	5.68
<b>TOTAL</b>										
SINGLE-UNIT	8,118	3.46	893	2.41	1,072	2.43	1,382	3.12	11,465	3.27
SEMI-COMB	14,607	14.03	32,690	14.76	4,288	15.87	7,180	14.70	58,765	14.64
FULL-COMB	805	15.86	430	18.11	247	17.38	47	12.52	1,529	16.46
TOTAL	23,530	11.84	34,013	14.84	5,607	13.86	8,609	14.77	71,759	14.33

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## INTERSTATE RURAL ROADS

DATA YEAR 1977

Table 5C

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS										
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL		
	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	
LIVESTOCK	SINGLE-UNIT	140	3.52	13	3.81	10	2.95	5	5.60	168	3.63
	SEMI-COMB	199	16.28	321	18.08	93	18.88	87	12.29	700	16.92
	FULL-COMB	24	18.92	4	16.65	11	0.00	2	1.73	41	17.92
	TOTAL	363	10.99	338	17.46	114	17.33	94	13.37	909	14.34
HOPPER	SINGLE-UNIT	114	6.98	21	9.76	25	9.46	14	12.35	174	8.15
	SEMI-COMB	463	22.39	676	21.62	147	21.96	44	21.56	1,330	21.94
	FULL-COMB	10	26.80	12	27.06	3	0.00	-	0.00	25	25.56
	TOTAL	587	19.79	709	21.47	175	19.92	58	19.29	1,529	20.63
DUMP TRUCK	SINGLE-UNIT	274	7.76	30	10.39	26	10.07	49	1.90	379	7.14
	SEMI-COMB	219	23.73	136	20.80	19	25.44	149	12.43	523	19.50
	FULL-COMB	42	22.04	17	20.44	22	22.37	1	20.90	82	22.01
	TOTAL	535	16.11	183	19.76	67	19.46	199	12.26	984	15.95
REFRIGERATED VAN	SINGLE-UNIT	769	2.29	74	3.76	66	1.09	22	2.79	931	2.31
	SEMI-COMB	1,703	13.14	5,247	15.91	568	15.36	302	15.41	7,820	15.22
	FULL-COMB	7	20.28	7	0.00	2	0.00	-	0.00	16	18.81
	TOTAL	2,479	9.75	5,328	15.88	636	13.98	324	14.94	8,767	14.23
NON-PETROLEUM TANKER	SINGLE-UNIT	79	6.67	20	5.84	16	4.34	11	7.86	126	6.34
	SEMI-COMB	442	18.99	695	19.23	82	21.37	118	19.30	1,337	19.26
	FULL-COMB	26	19.89	34	25.70	12	23.73	1	19.90	73	23.16
	TOTAL	547	17.13	749	19.11	110	19.04	130	18.27	1,536	18.29
PETROLEUM TANKER	SINGLE-UNIT	85	3.27	6	1.82	1	2.45	31	3.25	123	2.57
	SEMI-COMB	481	21.98	567	21.89	43	22.06	614	10.10	1,705	17.50
	FULL-COMB	130	25.75	138	25.73	29	25.39	-	0.00	297	25.71
	TOTAL	696	20.31	711	22.38	73	22.76	645	9.73	2,125	17.78
AUTO CARRIER	SINGLE-UNIT	15	2.73	3	0.00	2	0.00	3	0.00	23	1.88
	SEMI-COMB	92	8.72	691	10.82	20	9.87	245	3.51	1,048	8.81
	FULL-COMB	4	1.42	34	12.42	2	10.28	5	17.57	45	11.62
	TOTAL	111	8.44	728	10.85	24	8.09	253	3.70	1,116	9.05
VAN	SINGLE-UNIT	2,934	2.34	538	1.35	565	2.26	1,226	1.29	5,263	1.93
	SEMI-COMB	5,782	11.23	15,196	12.48	1,355	11.53	8,858	10.26	31,191	11.49
	FULL-COMB	68	6.86	68	10.65	41	2.07	6	18.57	183	7.82
	TOTAL	8,784	8.37	15,802	12.25	1,961	8.76	10,090	10.45	36,637	10.73
FLAT BED	SINGLE-UNIT	1,660	3.30	92	3.31	130	3.98	475	2.17	2,357	3.04
	SEMI-COMB	2,830	14.44	5,093	16.31	632	16.01	1,765	8.15	10,320	14.34
	FULL-COMB	247	15.02	91	18.81	49	17.49	11	6.01	398	15.93
	TOTAL	4,737	11.12	5,276	16.21	811	14.40	2,251	7.63	13,075	12.96
OTHER	SINGLE-UNIT	2,177	1.77	146	0.48	175	1.18	5,587	0.12	8,085	0.20
	SEMI-COMB	347	16.21	270	15.38	226	21.87	113	5.11	956	15.89
	FULL-COMB	120	1.39	28	7.91	39	12.95	6	7.44	193	4.92
	TOTAL	2,644	4.64	444	12.82	440	13.88	5,706	0.30	9,234	1.83
TOTAL	SINGLE-UNIT	8,247	3.32	943	2.00	1,016	2.48	7,423	0.03	17,629	1.38
	SEMI-COMB	12,558	13.78	28,892	14.53	3,185	15.13	12,295	9.92	56,930	13.35
	FULL-COMB	678	14.82	433	18.92	210	16.16	32	9.91	1,353	16.20
	TOTAL	21,483	11.19	30,268	14.57	4,411	12.63	19,750	6.98	75,912	11.68

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## INTERSTATE RURAL ROADS

DATA YEAR 1976

Table 5D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	162	2.65	14	3.44	6	5.59	4	7.79	186	2.96
	SEMI-COMB	153	16.16	179	16.33	78	17.65	142	16.21	552	16.19
	FULL-COMB	18	22.25	10	23.98	6	24.91	4	0.00	38	23.15
	TOTAL	333	9.25	203	15.39	90	16.93	150	17.00	776	13.22
HOPPER	SINGLE-UNIT	141	6.63	8	9.70	2	5.93	7	6.68	158	6.80
	SEMI-COMB	435	22.03	462	22.16	87	22.65	34	19.49	1,018	22.06
	FULL-COMB	6	17.67	14	24.76	2	0.00	-	0.00	22	22.33
	TOTAL	582	18.50	484	22.00	91	22.56	41	16.92	1,198	20.20
DUMP TRUCK	SINGLE-UNIT	293	9.26	40	16.13	54	11.23	99	2.25	486	8.47
	SEMI-COMB	197	24.74	122	22.16	18	28.18	184	14.64	521	20.07
	FULL-COMB	32	19.47	6	26.34	17	22.04	2	0.00	57	20.06
	TOTAL	522	16.01	168	21.36	89	16.83	285	10.28	1,064	15.44
REFRIGERATED VAN	SINGLE-UNIT	842	2.13	64	4.02	42	1.06	16	1.62	964	2.19
	SEMI-COMB	1,704	13.33	3,335	15.59	381	15.64	286	15.84	5,706	14.96
	FULL-COMB	6	10.40	2	0.00	2	0.00	-	0.00	10	14.86
	TOTAL	2,552	9.47	3,401	15.56	425	14.44	302	15.51	6,680	13.47
NON-PETROLEUM TANKER	SINGLE-UNIT	91	6.91	9	7.66	9	7.87	3	18.37	112	7.32
	SEMI-COMB	472	18.88	637	19.12	65	19.25	60	22.69	1,234	19.22
	FULL-COMB	19	20.04	28	23.55	9	23.30	-	0.00	56	22.17
	TOTAL	582	17.00	674	19.15	83	18.64	63	22.27	1,402	18.34
PETROLEUM TANKER	SINGLE-UNIT	91	2.38	7	3.29	1	0.00	36	6.32	135	2.35
	SEMI-COMB	488	21.76	482	21.92	47	19.64	804	12.30	1,821	17.33
	FULL-COMB	67	25.60	143	25.69	18	24.16	8	0.00	236	25.65
	TOTAL	646	19.21	632	22.49	66	20.35	848	12.33	2,192	17.29
AUTO CARRIER	SINGLE-UNIT	17	5.53	3	6.48	2	0.00	4	0.00	26	4.08
	SEMI-COMB	111	9.39	627	11.07	18	5.93	273	4.60	1,029	9.07
	FULL-COMB	1	0.00	21	12.51	2	11.63	-	0.00	24	11.67
	TOTAL	129	8.78	651	11.07	22	5.28	277	4.38	1,079	9.07
VAN	SINGLE-UNIT	2,915	2.20	440	1.44	495	1.92	1,305	1.50	5,155	1.84
	SEMI-COMB	5,810	11.07	13,532	12.49	1,087	11.41	9,599	10.86	30,028	11.49
	FULL-COMB	45	4.11	54	11.93	8	9.37	9	15.03	116	8.76
	TOTAL	8,770	8.27	14,026	12.33	1,590	8.47	10,913	10.85	35,299	10.80
FLAT BED	SINGLE-UNIT	1,788	3.42	83	5.90	69	2.80	467	2.13	2,407	3.15
	SEMI-COMB	2,483	14.20	4,138	16.25	402	16.07	2,134	9.62	9,157	14.09
	FULL-COMB	190	16.19	80	20.76	38	23.47	9	3.12	317	17.99
	TOTAL	4,461	10.21	4,301	16.14	509	15.17	2,610	8.88	11,881	12.53
OTHER	SINGLE-UNIT	2,725	1.60	113	2.21	100	1.61	5,493	0.23	8,431	0.09
	SEMI-COMB	281	14.60	220	15.56	274	24.13	167	9.18	942	16.49
	FULL-COMB	35	2.47	21	6.43	30	24.54	7	4.41	93	11.64
	TOTAL	3,041	3.40	354	13.73	404	19.71	5,667	0.55	9,466	2.05
TOTAL	SINGLE-UNIT	9,065	3.10	781	2.87	780	2.39	7,434	0.59	18,060	1.47
	SEMI-COMB	12,134	13.55	23,734	14.27	2,457	15.40	13,683	10.70	52,008	13.10
	FULL-COMB	419	15.62	379	20.67	132	22.65	39	15.53	969	18.65
	TOTAL	21,618	10.21	24,894	14.34	3,369	13.02	21,156	8.71	71,037	11.25

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## INTERSTATE RURAL ROADS

DATA YEAR 1975

Table 5E

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS										
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL		
	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	
LIVESTOCK	SINGLE-UNIT	193	3.17	19	5.04	10	5.72	4	7.79	226	3.52
	SEMI-COMB	166	16.14	453	17.23	100	16.96	52	11.23	771	16.52
	FULL-COMB	41	15.25	15	17.17	4	24.30	-	0.00	60	15.93
	TOTAL	400	9.45	487	16.52	114	16.03	56	11.47	1,057	13.48
HOPPER	SINGLE-UNIT	182	7.84	53	11.15	11	4.52	7	6.34	253	8.31
	SEMI-COMB	364	21.61	1,094	21.74	160	22.93	35	19.51	1,653	21.77
	FULL-COMB	10	17.47	14	24.85	4	0.00	-	0.00	28	22.63
	TOTAL	556	17.16	1,161	21.30	175	22.18	42	17.22	1,934	20.20
DUMP TRUCK	SINGLE-UNIT	350	9.52	61	12.93	78	11.54	17	8.19	506	10.21
	SEMI-COMB	247	22.42	136	23.58	26	21.23	41	17.09	450	22.15
	FULL-COMB	28	14.46	11	27.96	18	20.69	3	0.00	60	17.70
	TOTAL	625	15.36	208	21.16	122	15.03	61	13.78	1,016	16.51
REFRIGERATED VAN	SINGLE-UNIT	958	2.19	142	3.48	67	2.74	15	2.10	1,182	2.37
	SEMI-COMB	1,920	13.60	5,527	15.45	421	15.17	286	15.79	8,154	15.01
	FULL-COMB	4	12.23	3	0.00	2	0.00	-	0.00	9	17.16
	TOTAL	2,882	9.68	5,672	15.17	490	13.76	301	15.62	9,345	13.71
NON-PETROLEUM TANKER	SINGLE-UNIT	100	5.58	16	8.54	19	7.50	3	0.00	138	6.31
	SEMI-COMB	457	17.97	875	18.97	68	17.81	58	22.88	1,458	18.75
	FULL-COMB	24	24.03	38	22.24	15	21.51	-	0.00	77	22.74
	TOTAL	581	15.84	929	18.83	102	15.67	61	22.29	1,673	17.73
PETROLEUM TANKER	SINGLE-UNIT	110	3.40	11	3.26	8	2.88	11	0.00	140	3.14
	SEMI-COMB	502	21.33	662	22.02	53	19.74	338	12.23	1,555	19.58
	FULL-COMB	68	25.89	135	25.58	19	25.78	2	0.00	224	25.70
	TOTAL	680	18.51	808	22.33	80	18.92	351	11.76	1,919	18.98
AUTO CARRIER	SINGLE-UNIT	10	7.63	4	1.93	1	0.00	5	0.00	20	4.68
	SEMI-COMB	107	10.00	728	11.07	20	7.27	193	7.38	1,048	10.30
	FULL-COMB	1	11.85	29	14.13	2	11.63	1	0.00	33	12.70
	TOTAL	118	10.23	761	11.10	23	7.13	199	6.93	1,101	10.38
VAN	SINGLE-UNIT	3,141	2.12	619	1.84	671	1.98	456	2.01	4,887	2.07
	SEMI-COMB	5,956	11.02	17,008	12.59	1,214	11.29	4,084	10.30	28,262	11.83
	FULL-COMB	59	1.58	77	5.61	24	0.09	4	7.60	164	3.63
	TOTAL	9,156	8.09	17,704	12.33	1,909	7.68	4,544	9.96	33,313	10.94
FLAT BED	SINGLE-UNIT	2,148	3.54	133	4.28	99	3.18	159	2.15	2,539	3.48
	SEMI-COMB	2,553	14.15	5,238	15.89	467	15.63	919	10.73	9,177	14.88
	FULL-COMB	236	12.51	107	16.61	44	21.40	8	1.62	395	14.48
	TOTAL	4,937	9.59	5,478	15.63	610	14.31	1,086	9.74	12,111	12.90
OTHER	SINGLE-UNIT	3,553	1.34	196	1.50	158	1.13	1,355	0.09	5,262	0.71
	SEMI-COMB	300	15.10	280	14.58	256	24.11	117	3.58	953	15.89
	FULL-COMB	88	4.68	53	6.05	33	23.40	12	3.60	186	8.86
	TOTAL	3,941	2.93	529	11.72	447	16.92	1,484	0.79	6,401	4.01
TOTAL	SINGLE-UNIT	10,745	2.94	1,254	3.10	1,122	2.57	2,032	0.97	15,153	2.56
	SEMI-COMB	12,572	13.46	32,001	14.49	2,785	15.14	6,123	10.54	53,481	13.81
	FULL-COMB	559	12.05	482	16.96	165	19.19	30	5.97	1,236	14.95
	TOTAL	23,876	9.53	33,737	14.40	4,072	12.07	8,185	9.75	69,870	12.54

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## MAIN RURAL ROADS

DATA YEAR 1979

Table 6A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	264	3.62	28	3.52	21	4.77	31	3.46	344	3.70
	SEMI-COMB	298	16.58	447	18.84	146	19.07	173	17.80	1,064	18.00
	FULL-COMB	33	17.63	17	19.06	17	24.56	3	0.00	70	20.20
	TOTAL	595	10.54	492	18.03	184	17.40	207	18.48	1,478	14.82
HOPPER	SINGLE-UNIT	289	7.36	126	9.97	26	5.94	79	9.54	520	8.34
	SEMI-COMB	837	21.71	1,574	21.80	293	23.15	282	22.50	2,986	21.99
	FULL-COMB	32	26.10	21	25.05	8	26.39	3	24.20	64	25.89
	TOTAL	1,158	18.37	1,721	21.06	327	21.82	364	19.52	3,570	20.18
DUMP TRUCK	SINGLE-UNIT	1,650	11.91	150	10.15	188	12.08	307	5.83	2,295	10.90
	SEMI-COMB	1,215	21.94	498	21.20	164	21.17	234	17.90	2,111	21.09
	FULL-COMB	75	18.17	54	18.62	51	24.22	9	18.84	189	19.99
	TOTAL	2,940	16.60	702	19.36	403	18.14	550	11.68	4,595	16.47
REFRIGERATED VAN	SINGLE-UNIT	1,596	2.19	259	2.82	113	1.19	92	3.46	2,060	2.28
	SEMI-COMB	3,000	13.31	7,912	15.76	826	15.50	555	14.19	12,293	15.04
	FULL-COMB	8	16.21	10	25.94	5	14.39	-	0.00	23	17.71
	TOTAL	4,604	8.91	8,181	15.45	944	13.65	647	12.76	14,376	13.33
NON-PETROLEUM TANKER	SINGLE-UNIT	297	4.56	44	3.15	38	5.99	63	7.64	442	5.07
	SEMI-COMB	894	18.90	1,505	18.95	150	18.90	324	21.02	2,873	19.15
	FULL-COMB	57	20.85	66	23.37	14	19.52	4	19.19	141	21.90
	TOTAL	1,248	15.29	1,615	18.66	202	16.04	391	19.25	3,456	17.35
PETROLEUM TANKER	SINGLE-UNIT	417	3.36	32	2.27	20	2.50	86	6.00	555	3.52
	SEMI-COMB	958	21.30	1,076	21.44	158	20.61	583	16.63	2,775	20.08
	FULL-COMB	227	25.54	192	25.67	53	24.86	7	25.42	479	25.52
	TOTAL	1,602	16.39	1,300	21.53	231	20.23	676	15.78	3,809	17.96
AUTO CARRIER	SINGLE-UNIT	50	4.12	7	5.92	3	0.00	2	0.00	62	4.20
	SEMI-COMB	155	10.01	1,008	10.15	39	10.07	114	9.50	1,316	10.09
	FULL-COMB	8	8.50	52	10.31	-	0.00	-	0.00	60	10.48
	TOTAL	213	8.70	1,067	10.07	42	9.72	116	9.18	1,438	9.95
VAN	SINGLE-UNIT	5,750	2.37	1,227	2.11	899	1.84	566	3.47	8,442	2.40
	SEMI-COMB	10,154	11.33	24,285	12.40	2,106	12.49	5,406	15.30	41,951	12.46
	FULL-COMB	78	12.79	96	11.04	20	13.88	7	14.34	201	12.14
	TOTAL	15,982	8.18	25,608	12.16	3,025	9.66	5,979	15.94	50,594	11.51
FLAT BED	SINGLE-UNIT	4,087	3.29	317	2.93	194	3.59	453	4.85	5,051	3.43
	SEMI-COMB	5,291	15.17	8,025	16.37	1,303	17.12	1,933	15.10	16,552	15.87
	FULL-COMB	401	15.68	153	16.25	67	17.25	32	11.44	653	15.76
	TOTAL	9,779	10.79	8,495	16.03	1,564	16.09	2,418	15.64	22,256	13.91
OTHER	SINGLE-UNIT	7,430	2.38	789	1.24	329	2.42	1,003	2.30	9,551	2.41
	SEMI-COMB	1,110	18.88	522	17.18	661	22.97	61	14.84	2,354	19.51
	FULL-COMB	147	5.53	82	10.35	61	20.10	3	7.92	293	10.08
	TOTAL	8,687	5.52	1,393	9.67	1,051	18.45	1,067	3.55	12,198	7.45
TOTAL	SINGLE-UNIT	21,830	4.29	2,979	2.95	1,831	3.01	2,682	4.86	29,322	4.28
	SEMI-COMB	23,912	14.48	46,852	14.66	5,846	16.51	9,665	15.56	86,275	14.81
	FULL-COMB	1,066	16.96	743	17.66	296	20.93	68	15.13	2,173	17.67
	TOTAL	46,808	11.71	50,574	14.60	7,973	14.32	12,415	16.87	117,770	14.66

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
 ACL -- AVERAGE CARRIED LOAD IN TONS.  
 1/ INCLUDES INTERSTATE RURAL ROADS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## MAIN RURAL ROADS <sup>1</sup>

DATA YEAR 1978

Table 6B

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	294	3.62	21	3.97	30	4.54	42	4.69	387	3.90
	SEMI-COMB	374	17.00	491	18.22	182	19.66	222	15.91	1,269	17.68
	FULL-COMB	38	14.12	16	19.52	19	23.50	6	22.23	79	18.30
	TOTAL	706	11.22	528	17.77	231	17.20	270	17.05	1,735	14.85
HOPPER	SINGLE-UNIT	277	7.56	36	9.31	55	8.54	42	10.45	410	8.23
	SEMI-COMB	861	22.07	1,242	21.70	310	22.44	257	22.62	2,670	22.05
	FULL-COMB	39	28.32	18	25.30	9	22.67	1	22.78	67	26.73
	TOTAL	1,177	19.12	1,296	21.48	374	20.32	300	21.12	3,147	20.51
DUMP TRUCK	SINGLE-UNIT	1,589	12.05	180	12.99	201	11.99	295	5.68	2,265	11.10
	SEMI-COMB	1,318	21.92	560	21.67	139	21.38	190	17.41	2,207	21.34
	FULL-COMB	90	18.54	35	21.67	55	23.62	8	19.03	188	20.60
	TOTAL	2,997	17.10	775	20.09	395	17.38	493	10.46	4,660	16.81
REFRIGERATED VAN	SINGLE-UNIT	1,812	2.16	144	1.87	119	1.81	80	4.12	2,155	2.18
	SEMI-COMB	3,004	12.91	7,658	15.74	1,032	15.78	511	15.01	12,205	14.97
	FULL-COMB	8	18.94	10	0.00	6	0.00	2	0.00	26	18.11
	TOTAL	4,824	8.45	7,812	15.57	1,157	14.65	593	14.07	14,386	13.29
NON-PETROLEUM TANKER	SINGLE-UNIT	325	4.54	43	5.65	45	5.72	63	8.10	476	5.27
	SEMI-COMB	862	18.55	1,277	19.47	137	20.64	289	19.16	2,565	19.16
	FULL-COMB	55	20.38	85	24.36	15	22.43	2	19.10	157	22.67
	TOTAL	1,242	14.62	1,405	19.23	197	17.01	354	17.33	3,198	17.07
PETROLEUM TANKER	SINGLE-UNIT	442	3.44	28	3.87	12	3.48	91	5.78	573	3.71
	SEMI-COMB	1,012	22.07	1,119	21.77	98	22.99	723	16.02	2,952	20.22
	FULL-COMB	246	25.27	187	25.71	52	24.67	7	24.32	492	25.39
	TOTAL	1,700	16.99	1,334	21.86	162	22.08	821	15.38	4,017	18.12
AUTO CARRIER	SINGLE-UNIT	44	3.08	6	5.58	3	0.00	8	0.00	61	2.93
	SEMI-COMB	159	9.74	1,054	10.56	33	10.60	161	10.32	1,407	10.46
	FULL-COMB	11	6.75	54	10.89	2	10.33	6	14.68	73	10.32
	TOTAL	214	8.52	1,114	10.52	38	9.57	175	9.63	1,541	10.28
VAN	SINGLE-UNIT	5,780	2.18	881	2.19	977	2.07	674	3.64	8,312	2.33
	SEMI-COMB	10,138	11.21	22,761	12.43	2,279	12.51	6,013	14.53	41,191	12.36
	FULL-COMB	120	13.94	83	11.25	52	5.62	11	20.22	266	11.49
	TOTAL	16,038	8.05	23,725	12.24	3,308	9.49	6,698	15.86	49,769	11.42
FLAT BED	SINGLE-UNIT	4,188	3.36	210	3.52	283	3.96	480	4.75	5,161	3.54
	SEMI-COMB	5,142	14.86	7,430	16.43	1,313	17.19	2,435	14.57	16,320	15.68
	FULL-COMB	479	14.48	130	18.13	86	15.67	17	7.25	712	15.16
	TOTAL	9,809	10.58	7,770	16.23	1,682	15.44	2,932	15.89	22,193	13.82
OTHER	SINGLE-UNIT	7,732	2.26	400	1.00	443	1.70	1,107	1.85	9,682	2.17
	SEMI-COMB	1,145	18.85	609	17.89	723	22.82	75	10.09	2,552	18.91
	FULL-COMB	229	4.22	54	10.47	93	17.11	6	2.66	382	5.95
	TOTAL	9,106	5.33	1,063	13.65	1,259	17.89	1,188	1.69	12,616	6.76
TOTAL	SINGLE-UNIT	22,483	4.13	1,949	3.15	2,168	3.56	2,882	4.39	29,482	4.14
	SEMI-COMB	24,015	14.43	44,201	14.71	6,246	16.53	10,876	14.79	85,338	14.77
	FULL-COMB	1,315	16.05	672	18.99	389	17.88	66	13.62	2,442	16.86
	TOTAL	47,813	11.51	46,822	14.72	8,803	14.30	13,824	15.43	117,262	14.44

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
 ACL -- AVERAGE CARRIED LOAD IN TONS.  
 1/ INCLUDES INTERSTATE RURAL ROADS.



# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## MAIN RURAL ROADS <sup>1</sup> DATA YEAR 1977

Table 6C

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I. C. C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	324	3.42	22	4.36	19	2.67	43	4.66	408	3.62
	SEMI-COMB	343	16.36	447	17.68	192	19.35	135	5.70	1,117	16.23
	FULL-COMB	39	15.03	10	19.74	12	21.73	3	9.81	64	16.68
	TOTAL	706	10.18	479	17.06	223	17.72	181	6.99	1,589	13.00
HOPPER	SINGLE-UNIT	346	7.25	36	10.06	52	9.40	42	10.45	476	8.04
	SEMI-COMB	845	22.16	1,039	21.80	242	22.12	255	22.64	2,381	22.11
	FULL-COMB	26	23.52	18	29.75	4	18.70	1	22.78	49	25.38
	TOTAL	1,217	18.23	1,093	21.62	298	19.55	298	21.13	2,906	20.02
DUMP TRUCK	SINGLE-UNIT	1,444	11.34	176	12.86	194	10.94	345	3.94	2,159	10.26
	SEMI-COMB	1,223	23.76	432	21.64	151	22.82	349	7.74	2,155	20.84
	FULL-COMB	99	20.45	35	20.85	56	24.14	10	16.26	200	21.27
	TOTAL	2,766	17.83	643	19.52	401	17.79	704	7.72	4,514	16.49
REFRIGERATED VAN	SINGLE-UNIT	1,830	1.86	143	2.73	115	1.72	79	4.06	2,167	1.98
	SEMI-COMB	2,635	12.75	6,608	15.47	790	15.40	517	14.98	10,550	14.77
	FULL-COMB	9	17.06	8	0.00	5	0.00	2	0.00	24	16.41
	TOTAL	4,474	7.70	6,759	15.26	910	13.83	598	14.18	12,741	12.72
NON-PETROLEUM TANKER	SINGLE-UNIT	305	5.52	46	6.71	45	5.80	63	8.09	459	6.05
	SEMI-COMB	785	18.45	1,077	19.26	141	20.94	294	19.25	2,297	19.04
	FULL-COMB	42	17.62	50	24.79	16	24.72	2	19.10	110	21.97
	TOTAL	1,132	14.47	1,173	18.89	202	17.79	359	17.41	2,866	16.81
PETROLEUM TANKER	SINGLE-UNIT	478	3.07	26	3.71	14	1.14	127	1.72	645	2.74
	SEMI-COMB	1,030	21.49	1,096	21.66	100	21.13	1,277	4.28	3,503	14.84
	FULL-COMB	195	25.44	210	25.04	52	24.16	-	0.00	457	25.11
	TOTAL	1,703	16.12	1,332	21.75	166	20.26	1,404	4.45	4,605	13.69
AUTO CARRIER	SINGLE-UNIT	32	2.15	4	0.00	2	1.18	39	0.76	77	0.63
	SEMI-COMB	137	9.04	993	10.59	32	10.10	357	4.92	1,519	7.98
	FULL-COMB	7	0.53	45	11.95	2	10.03	6	14.68	60	10.70
	TOTAL	176	7.91	1,042	10.61	36	10.22	402	5.37	1,656	7.81
VAN	SINGLE-UNIT	5,915	2.24	906	1.38	888	2.18	2,371	0.48	10,080	1.87
	SEMI-COMB	8,918	10.97	20,824	12.14	1,957	11.94	12,589	0.00	44,288	9.58
	FULL-COMB	89	8.28	76	10.44	47	3.49	9	9.97	221	8.18
	TOTAL	14,922	7.68	21,806	11.87	2,892	8.94	14,969	0.63	54,589	8.87
FLAT BED	SINGLE-UNIT	4,171	3.43	189	3.13	292	4.10	1,150	1.60	5,802	3.13
	SEMI-COMB	4,709	14.21	7,059	16.07	940	15.71	3,093	3.91	15,801	12.00
	FULL-COMB	410	13.76	134	18.71	73	16.58	17	4.75	634	14.89
	TOTAL	9,290	10.05	7,382	15.89	1,305	13.38	4,260	3.21	22,237	10.54
OTHER	SINGLE-UNIT	8,234	2.24	390	0.38	545	1.91	11,504	0.17	20,673	0.70
	SEMI-COMB	1,021	18.50	543	18.00	668	23.18	351	11.76	2,583	17.08
	FULL-COMB	225	3.23	45	7.61	84	15.45	8	6.99	362	7.02
	TOTAL	9,480	4.82	978	12.97	1,297	16.41	11,863	0.64	23,618	3.23
TOTAL	SINGLE-UNIT	23,079	3.91	1,938	2.83	2,166	3.58	15,763	0.62	42,946	2.31
	SEMI-COMB	21,646	14.32	40,118	14.40	5,213	16.11	19,217	0.72	86,194	12.18
	FULL-COMB	1,141	14.59	631	19.05	351	17.61	58	9.57	2,181	16.20
	TOTAL	45,866	10.78	42,687	14.37	7,730	13.56	35,038	1.56	131,321	10.74

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
 ACL -- AVERAGE CARRIED LOAD IN TONS.  
 1/ INCLUDES INTERSTATE RURAL ROADS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## MAIN RURAL ROADS <sup>1</sup>

DATA YEAR 1976

Table 6D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	346	3.00	19	3.06	17	2.98	14	4.79	396	3.18
	SEMI-COMB	272	15.82	302	16.90	155	17.81	171	15.69	900	16.39
	FULL-COMB	33	18.84	15	20.60	9	23.42	5	29.18	62	19.93
	TOTAL	651	8.95	336	16.01	181	16.32	190	16.48	1,358	12.83
HOPPER	SINGLE-UNIT	440	6.79	23	10.21	11	8.93	20	5.03	494	6.96
	SEMI-COMB	896	21.93	764	22.05	264	22.85	48	20.44	1,972	22.06
	FULL-COMB	20	17.30	21	27.26	5	20.45	-	0.00	46	22.26
	TOTAL	1,356	17.28	808	21.81	280	22.25	68	15.39	2,512	19.22
DUMP TRUCK	SINGLE-UNIT	1,238	10.21	146	14.58	175	11.53	342	3.63	1,901	9.29
	SEMI-COMB	900	21.80	337	21.53	119	21.89	375	10.49	1,731	19.04
	FULL-COMB	96	19.85	23	20.17	51	21.73	6	8.49	176	20.17
	TOTAL	2,234	15.88	506	19.58	345	17.18	723	7.12	3,808	14.82
REFRIGERATED VAN	SINGLE-UNIT	1,851	1.92	122	3.31	79	2.00	30	1.46	2,082	1.98
	SEMI-COMB	2,556	12.80	4,434	15.17	589	15.84	349	15.68	7,928	14.50
	FULL-COMB	7	7.87	8	0.00	5	0.00	-	0.00	20	16.63
	TOTAL	4,414	7.47	4,564	14.95	673	14.52	379	15.30	10,030	11.92
NON-PETROLEUM TANKER	SINGLE-UNIT	272	5.72	30	8.61	41	5.68	6	10.00	349	6.00
	SEMI-COMB	787	18.36	992	19.43	122	19.39	72	22.67	1,973	19.12
	FULL-COMB	32	20.06	47	22.98	14	24.62	-	0.00	93	22.22
	TOTAL	1,091	14.92	1,069	19.26	177	16.83	78	21.24	2,415	17.16
PETROLEUM TANKER	SINGLE-UNIT	466	2.95	35	3.11	11	3.18	142	2.66	654	2.77
	SEMI-COMB	1,004	21.23	897	21.69	120	20.31	1,596	11.81	3,617	16.93
	FULL-COMB	120	25.63	226	25.20	33	24.77	8	30.17	387	25.37
	TOTAL	1,590	15.39	1,158	21.70	164	19.78	1,746	11.28	4,658	15.39
AUTO CARRIER	SINGLE-UNIT	35	4.42	5	6.76	2	0.73	40	0.19	82	1.74
	SEMI-COMB	168	9.38	888	10.72	31	7.64	393	4.21	1,480	8.75
	FULL-COMB	3	15.67	28	12.32	2	11.63	-	0.00	33	12.44
	TOTAL	206	8.73	921	10.73	35	8.67	433	3.33	1,595	8.44
VAN	SINGLE-UNIT	5,890	2.22	820	1.50	733	1.97	2,370	1.88	9,813	1.97
	SEMI-COMB	8,833	10.88	18,793	12.06	1,647	12.08	13,384	10.60	42,657	11.15
	FULL-COMB	63	5.36	60	13.13	10	13.07	12	10.12	145	9.35
	TOTAL	14,786	7.61	19,673	11.83	2,390	9.04	15,766	10.79	52,615	10.31
FLAT BED	SINGLE-UNIT	4,223	3.52	141	4.37	158	3.55	1,086	1.96	5,608	3.18
	SEMI-COMB	4,164	13.92	5,801	16.10	669	15.57	3,668	10.51	14,302	13.92
	FULL-COMB	299	14.68	120	18.87	57	21.36	16	3.55	492	16.16
	TOTAL	8,686	9.24	6,062	15.91	884	14.39	4,770	9.94	20,402	11.80
OTHER	SINGLE-UNIT	9,710	1.95	304	0.97	275	3.65	11,450	0.31	21,739	0.78
	SEMI-COMB	880	17.99	338	16.52	778	24.13	429	9.35	2,425	18.05
	FULL-COMB	75	4.86	27	9.79	48	22.61	12	6.13	162	11.43
	TOTAL	10,665	3.83	669	11.43	1,101	20.99	11,891	0.85	24,326	3.07
TOTAL	SINGLE-UNIT	24,471	3.48	1,645	3.11	1,502	3.45	15,500	0.77	43,118	2.18
	SEMI-COMB	20,460	13.92	33,546	14.11	4,494	16.67	20,485	10.54	78,985	13.14
	FULL-COMB	748	15.56	575	20.71	234	22.14	59	12.68	1,616	18.33
	TOTAL	45,679	9.70	35,766	14.06	6,230	14.40	36,044	8.37	123,719	11.04

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
 ACL -- AVERAGE CARRIED LOAD IN TONS.  
 1/ INCLUDES INTERSTATE RURAL ROADS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## MAIN RURAL ROADS <sup>1</sup>

DATA YEAR 1975

Table 6E

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	424	3.41	28	4.22	29	5.01	14	4.79	495	3.62
	SEMI-COMB	281	16.07	603	17.23	187	16.84	87	10.61	1,158	16.35
	FULL-COMB	70	10.10	24	15.92	7	23.52	1	4.65	102	12.25
	TOTAL	775	8.40	655	16.50	223	14.89	102	10.81	1,755	12.49
HOPPER	SINGLE-UNIT	478	7.23	75	10.29	34	7.68	20	4.94	607	7.55
	SEMI-COMB	769	21.25	1,582	21.56	437	22.72	49	20.45	2,837	21.63
	FULL-COMB	30	19.46	28	22.36	8	21.93	-	0.00	66	21.26
	TOTAL	1,277	16.10	1,685	21.08	479	21.84	69	15.58	3,510	19.32
DUMP TRUCK	SINGLE-UNIT	1,356	10.27	186	13.45	295	11.63	94	5.41	1,931	10.53
	SEMI-COMB	890	20.46	355	22.60	129	23.01	123	9.90	1,497	20.23
	FULL-COMB	102	17.12	24	25.38	59	21.39	6	7.51	191	19.27
	TOTAL	2,348	15.10	565	19.88	483	16.44	223	7.63	3,619	15.65
REFRIGERATED VAN	SINGLE-UNIT	1,978	2.08	216	3.24	131	3.03	30	1.90	2,355	2.23
	SEMI-COMB	2,790	12.95	6,916	15.17	646	15.09	348	15.63	10,700	14.59
	FULL-COMB	5	8.92	11	0.00	5	0.00	-	0.00	21	19.89
	TOTAL	4,773	7.71	7,143	14.83	782	13.26	378	15.18	13,076	12.41
NON-PETROLEUM TANKER	SINGLE-UNIT	278	4.23	41	8.03	69	6.48	5	4.97	393	5.06
	SEMI-COMB	768	17.06	1,322	19.16	202	20.31	70	23.12	2,362	18.69
	FULL-COMB	39	22.92	77	20.67	22	22.60	-	0.00	138	21.63
	TOTAL	1,085	13.59	1,440	18.85	293	16.99	75	21.90	2,893	16.76
PETROLEUM TANKER	SINGLE-UNIT	492	3.28	47	3.51	36	1.95	64	2.30	639	3.08
	SEMI-COMB	1,058	20.90	1,147	21.76	157	20.64	713	9.80	3,075	18.49
	FULL-COMB	130	25.79	213	24.86	34	24.97	2	30.38	379	25.21
	TOTAL	1,680	15.28	1,407	21.55	227	17.94	779	9.00	4,093	16.34
AUTO CARRIER	SINGLE-UNIT	29	4.61	6	0.28	3	4.97	76	0.30	114	0.10
	SEMI-COMB	160	9.41	1,019	10.73	30	8.22	287	6.03	1,496	9.69
	FULL-COMB	3	10.39	43	12.88	8	12.39	1	0.00	55	12.14
	TOTAL	192	9.18	1,068	10.76	41	8.04	364	3.01	1,665	8.94
VAN	SINGLE-UNIT	6,142	2.19	1,068	1.87	1,111	2.23	1,314	1.98	9,635	2.08
	SEMI-COMB	8,958	10.78	22,471	12.21	1,807	11.79	7,882	9.50	41,118	11.24
	FULL-COMB	89	2.53	89	7.53	26	1.05	9	7.37	213	4.49
	TOTAL	15,189	7.39	23,628	11.89	2,944	8.00	9,205	8.88	50,966	10.15
FLAT BED	SINGLE-UNIT	4,736	3.56	218	3.96	286	4.22	586	1.24	5,826	3.41
	SEMI-COMB	4,211	13.88	7,153	15.88	834	15.19	2,631	10.03	14,829	14.23
	FULL-COMB	378	12.26	151	15.95	72	19.57	11	0.46	612	13.92
	TOTAL	9,325	8.86	7,522	15.55	1,192	13.40	3,228	8.84	21,267	12.00
OTHER	SINGLE-UNIT	11,488	1.72	428 <sup>1</sup>	1.22	462	2.35	6,493	0.27	18,871	1.09
	SEMI-COMB	844	18.14	414	15.32	776	24.27	333	2.41	2,367	17.35
	FULL-COMB	155	5.76	60	7.21	58	20.44	19	2.96	292	8.80
	TOTAL	12,487	3.33	902	10.32	1,296	18.41	6,845	0.59	21,530	3.66
TOTAL	SINGLE-UNIT	27,401	3.36	2,313	3.25	2,456	3.72	8,696	0.64	40,866	2.71
	SEMI-COMB	20,729	13.68	42,982	14.36	5,205	16.56	12,523	9.47	81,439	13.51
	FULL-COMB	1,001	12.70	720	17.60	299	19.34	49	5.12	2,069	15.32
	TOTAL	49,131	9.21	46,015	14.18	7,960	13.36	21,268	6.77	124,374	11.71

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
 ACL -- AVERAGE CARRIED LOAD IN TONS.  
 1/ INCLUDES INTERSTATE RURAL ROADS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## URBAN ROADS

DATA YEAR 1979

Table 7A

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS										
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL		
	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	
LIVESTOCK	SINGLE-UNIT	39	2.48	11	4.98	2	2.65	3	0.00	55	2.67
	SEMI-COMB	24	12.60	28	14.16	1	16.60	3	0.00	56	13.47
	FULL-COMB	4	11.33	-	0.00	-	0.00	-	0.00	4	11.09
	TOTAL	67	7.41	39	11.98	3	0.13	6	0.00	115	8.33
HOPPER	SINGLE-UNIT	53	6.19	6	8.57	1	0.00	1	0.00	61	6.12
	SEMI-COMB	96	21.86	142	21.74	23	21.82	4	22.82	265	21.78
	FULL-COMB	3	0.00	-	0.00	-	0.00	-	0.00	3	19.87
	TOTAL	152	16.27	148	21.67	24	20.65	5	18.96	329	18.99
DUMP TRUCK	SINGLE-UNIT	559	9.77	77	9.17	99	14.46	3	10.28	738	10.39
	SEMI-COMB	325	22.65	91	20.66	24	28.21	1	20.75	441	22.58
	FULL-COMB	10	16.48	6	17.21	20	22.06	1	0.00	37	19.97
	TOTAL	894	15.36	174	16.50	143	17.23	5	15.61	1,216	15.74
REFRIGERATED VAN	SINGLE-UNIT	580	1.37	70	1.99	25	3.30	1	3.55	676	1.48
	SEMI-COMB	352	10.61	411	12.55	48	11.66	13	16.70	824	11.71
	FULL-COMB	5	2.22	4	12.64	-	0.00	-	0.00	9	7.52
	TOTAL	937	3.73	485	10.78	73	7.78	14	17.14	1,509	6.25
NON-PETROLEUM TANKER	SINGLE-UNIT	88	1.61	20	2.67	14	0.84	2	7.48	124	1.73
	SEMI-COMB	167	17.26	217	18.18	55	21.99	3	15.46	442	18.30
	FULL-COMB	1	25.31	2	23.73	1	25.94	-	0.00	4	24.80
	TOTAL	256	11.17	239	16.77	70	18.16	5	10.92	570	14.37
PETROLEUM TANKER	SINGLE-UNIT	150	2.46	12	5.10	6	0.00	-	0.00	168	2.70
	SEMI-COMB	237	19.02	185	19.85	36	17.97	2	23.23	460	19.35
	FULL-COMB	33	20.80	12	25.36	15	22.57	-	0.00	60	22.28
	TOTAL	420	12.40	209	19.24	57	16.98	2	23.23	688	14.90
AUTO CARRIER	SINGLE-UNIT	8	2.37	-	0.00	-	0.00	-	0.00	8	0.88
	SEMI-COMB	15	8.91	145	10.51	5	0.00	1	4.85	166	10.27
	FULL-COMB	1	0.00	-	0.00	-	0.00	1	0.00	2	0.00
	TOTAL	24	9.75	145	10.35	5	0.00	2	10.43	176	11.01
VAN	SINGLE-UNIT	2,055	2.06	523	1.63	319	2.15	4	0.90	2,901	2.06
	SEMI-COMB	1,596	9.34	2,933	9.50	325	9.92	79	12.98	4,933	9.53
	FULL-COMB	9	9.61	10	6.52	2	7.18	-	0.00	21	7.45
	TOTAL	3,660	5.29	3,466	8.31	646	5.59	83	13.15	7,855	7.12
FLAT BED	SINGLE-UNIT	1,284	3.08	111	3.32	113	4.32	9	4.68	1,517	3.23
	SEMI-COMB	738	13.03	716	15.49	135	14.78	21	17.15	1,610	14.33
	FULL-COMB	31	6.94	8	0.00	2	15.58	-	0.00	41	6.17
	TOTAL	2,053	7.03	835	14.28	250	9.23	30	15.35	3,168	9.31
OTHER	SINGLE-UNIT	3,336	2.43	451	1.38	163	0.79	27	1.86	3,977	2.46
	SEMI-COMB	96	12.53	54	14.20	19	3.26	1	0.00	170	12.02
	FULL-COMB	11	9.31	6	8.15	2	2.55	-	0.00	19	6.80
	TOTAL	3,443	3.00	511	3.51	184	0.19	28	2.51	4,166	3.27
TOTAL	SINGLE-UNIT	8,152	3.96	1,281	2.64	742	2.90	50	3.51	10,225	4.00
	SEMI-COMB	3,646	12.90	4,922	12.11	671	13.10	128	14.47	9,367	12.52
	FULL-COMB	108	13.35	48	10.65	42	20.48	2	28.83	200	14.25
	TOTAL	11,906	8.45	6,251	11.17	1,455	7.88	180	14.48	19,792	10.37

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## URBAN ROADS DATA YEAR 1978

Table 7B

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	48	2.02	6	2.95	6	2.13	3	0.00	63	2.13
	SEMI-COMB	21	13.21	17	13.31	6	10.48	4	10.59	48	12.48
	FULL-COMB	5	12.30	-	0.00	-	0.00	-	0.00	5	10.60
	TOTAL	74	6.22	23	9.88	12	3.62	7	2.86	116	5.73
HOPPER	SINGLE-UNIT	53	7.89	5	9.98	6	3.83	16	10.42	80	8.23
	SEMI-COMB	90	21.86	160	21.62	35	21.70	38	20.62	323	21.51
	FULL-COMB	2	0.00	1	0.00	1	0.00	-	0.00	4	0.00
	TOTAL	145	16.69	166	21.22	42	18.16	54	17.08	407	18.71
DUMP TRUCK	SINGLE-UNIT	603	9.60	51	12.78	145	12.60	7	10.04	806	10.38
	SEMI-COMB	313	22.26	67	20.13	25	27.38	4	18.52	409	22.19
	FULL-COMB	8	11.57	2	27.45	20	22.06	2	23.18	32	19.81
	TOTAL	924	14.54	120	17.56	190	15.35	13	15.92	1,247	14.99
REFRIGERATED VAN	SINGLE-UNIT	699	1.10	59	3.50	41	2.22	31	0.35	830	1.36
	SEMI-COMB	393	10.43	464	12.22	64	11.66	100	12.28	1,021	11.44
	FULL-COMB	6	0.34	5	13.40	-	0.00	-	0.00	11	6.53
	TOTAL	1,098	3.14	528	10.82	105	7.84	131	8.90	1,862	5.78
NON-PETROLEUM TANKER	SINGLE-UNIT	91	2.43	12	6.17	25	3.58	-	0.00	128	3.06
	SEMI-COMB	191	18.53	249	19.59	72	22.46	26	16.95	538	19.53
	FULL-COMB	1	25.31	2	23.73	1	25.94	-	0.00	4	24.80
	TOTAL	283	12.61	263	18.78	98	17.69	26	17.21	670	15.99
PETROLEUM TANKER	SINGLE-UNIT	151	3.11	9	0.48	6	3.48	3	3.15	169	2.93
	SEMI-COMB	222	20.63	195	20.65	24	23.90	16	17.03	457	20.67
	FULL-COMB	33	20.80	12	25.36	15	22.57	-	0.00	60	22.28
	TOTAL	406	13.28	216	19.95	45	20.22	19	14.39	686	15.83
AUTO CARRIER	SINGLE-UNIT	7	4.64	-	0.00	-	0.00	-	0.00	7	2.49
	SEMI-COMB	16	6.64	199	10.05	4	0.00	4	14.59	223	9.68
	FULL-COMB	1	0.00	2	14.30	-	0.00	-	0.00	3	8.95
	TOTAL	24	7.54	201	9.99	4	0.00	4	14.59	233	10.11
VAN	SINGLE-UNIT	2,271	1.88	498	1.66	373	2.02	77	2.55	3,219	1.94
	SEMI-COMB	1,648	9.82	2,986	9.49	329	9.49	364	10.64	5,327	9.65
	FULL-COMB	16	6.23	16	3.93	2	4.33	1	0.00	35	4.90
	TOTAL	3,935	5.31	3,500	8.37	704	5.32	442	10.57	8,581	7.18
FLAT BED	SINGLE-UNIT	1,383	3.00	53	5.37	130	3.63	47	3.75	1,613	3.14
	SEMI-COMB	734	13.00	670	15.56	157	14.93	98	15.44	1,659	14.34
	FULL-COMB	31	5.94	3	12.43	10	1.38	1	1.50	45	5.38
	TOTAL	2,148	6.80	726	14.98	297	10.62	146	13.46	3,317	9.23
OTHER	SINGLE-UNIT	3,757	2.37	179	0.06	369	2.15	192	1.46	4,497	2.31
	SEMI-COMB	96	12.84	56	15.00	15	1.08	4	0.00	171	12.51
	FULL-COMB	37	4.62	4	1.13	10	1.30	3	0.00	54	4.10
	TOTAL	3,890	2.88	239	4.69	394	2.50	199	2.04	4,722	3.05
TOTAL	SINGLE-UNIT	9,063	3.87	872	2.58	1,101	3.97	376	3.59	11,412	3.96
	SEMI-COMB	3,724	13.11	5,063	12.13	731	13.53	658	12.83	10,176	12.62
	FULL-COMB	140	11.67	47	12.23	59	15.22	7	11.30	253	12.56
	TOTAL	12,927	8.12	5,982	11.18	1,891	8.91	1,041	13.98	21,841	10.32

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## URBAN ROADS DATA YEAR 1977

Table 7C

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	52	1.89	5	3.45	4	4.53	1	3.75	62	2.30
	SEMI-COMB	16	13.92	13	14.76	8	9.04	5	8.23	42	12.51
	FULL-COMB	4	11.48	1	22.80	1	0.00	-	0.00	6	13.77
	TOTAL	72	5.08	19	11.54	13	5.72	6	7.48	110	6.17
HOPPER	SINGLE-UNIT	42	7.10	6	8.82	6	3.83	16	10.42	70	7.89
	SEMI-COMB	85	21.83	158	21.66	47	20.93	39	20.64	329	21.43
	FULL-COMB	2	13.32	1	0.00	1	0.00	-	0.00	4	8.40
	TOTAL	129	17.00	165	21.08	54	18.36	55	17.19	403	18.91
DUMP TRUCK	SINGLE-UNIT	559	10.12	42	13.21	105	9.65	184	6.13	890	9.07
	SEMI-COMB	201	19.97	47	19.02	19	27.76	300	9.25	567	13.65
	FULL-COMB	7	8.24	2	25.76	20	22.06	2	23.18	31	18.84
	TOTAL	767	13.21	91	16.90	144	14.15	486	11.23	1,488	12.34
REFRIGERATED VAN	SINGLE-UNIT	700	1.17	57	3.49	56	2.47	31	0.35	844	1.46
	SEMI-COMB	379	10.53	518	13.16	75	11.55	100	12.27	1,072	11.98
	FULL-COMB	6	0.34	5	13.40	-	0.00	-	0.00	11	6.53
	TOTAL	1,085	3.24	580	11.75	131	7.68	131	8.89	1,927	6.36
NON-PETROLEUM TANKER	SINGLE-UNIT	90	4.51	9	8.86	24	5.00	-	0.00	123	4.91
	SEMI-COMB	185	19.25	224	19.84	50	20.38	25	17.27	484	19.62
	FULL-COMB	1	22.95	2	24.04	2	29.51	-	0.00	5	25.75
	TOTAL	276	13.42	235	19.26	76	15.79	25	17.52	612	16.11
PETROLEUM TANKER	SINGLE-UNIT	166	3.12	9	0.72	9	0.00	78	3.04	262	2.96
	SEMI-COMB	220	20.95	203	21.55	18	22.20	862	13.08	1,303	15.51
	FULL-COMB	24	26.94	14	26.07	15	22.79	-	0.00	53	25.44
	TOTAL	410	12.72	226	20.77	42	16.90	940	12.25	1,618	13.64
AUTO CARRIER	SINGLE-UNIT	4	5.58	-	0.00	1	0.00	7	0.00	12	0.48
	SEMI-COMB	17	6.44	187	9.87	4	1.93	11	6.44	219	9.12
	FULL-COMB	1	0.00	2	14.30	-	0.00	-	0.00	3	8.95
	TOTAL	22	6.71	189	9.95	5	0.86	18	0.73	234	6.78
VAN	SINGLE-UNIT	2,420	1.73	497	1.82	397	1.90	857	1.05	4,171	1.52
	SEMI-COMB	1,656	9.42	3,238	9.61	310	8.00	1,267	5.75	6,471	8.55
	FULL-COMB	22	12.30	18	3.89	2	4.33	1	0.00	43	7.89
	TOTAL	4,098	5.21	3,753	8.68	709	4.49	2,125	3.21	10,685	6.43
FLAT BED	SINGLE-UNIT	1,425	3.27	52	3.98	129	3.14	605	1.03	2,211	2.63
	SEMI-COMB	761	13.49	754	15.35	158	15.50	376	7.90	2,049	13.15
	FULL-COMB	28	8.47	3	21.03	12	7.36	1	1.50	44	7.20
	TOTAL	2,214	7.35	809	14.75	299	10.87	982	2.82	4,304	7.86
OTHER	SINGLE-UNIT	4,032	2.24	146	0.27	409	2.08	4,363	0.13	8,950	1.02
	SEMI-COMB	99	12.53	63	17.24	39	13.60	262	0.00	463	12.61
	FULL-COMB	37	4.44	4	4.26	11	2.78	3	0.00	55	4.05
	TOTAL	4,168	2.74	213	6.20	459	4.06	4,628	1.20	9,468	2.08
TOTAL	SINGLE-UNIT	9,490	3.75	823	2.58	1,140	3.17	6,142	0.70	17,595	2.49
	SEMI-COMB	3,619	12.61	5,405	12.14	728	12.92	3,247	9.14	12,999	11.32
	FULL-COMB	132	12.12	52	13.34	64	15.59	7	11.30	255	13.10
	TOTAL	13,241	7.79	6,280	11.40	1,932	8.35	9,396	4.92	30,849	8.21

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.



# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## URBAN ROADS DATA YEAR 1976

Table 7D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS								TOTAL	
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER			
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL		
LIVESTOCK	SINGLE-UNIT	48	3.02	2	0.00	1	0.10	5	2.40	56	2.96
	SEMI-COMB	14	12.27	18	13.99	4	6.40	3	4.92	39	11.97
	FULL-COMB	2	0.00	1	0.00	1	0.00	-	0.00	4	0.00
	TOTAL	64	3.86	21	12.05	6	6.96	8	3.78	99	6.21
HOPPER	SINGLE-UNIT	38	5.73	5	9.13	6	8.23	9	7.87	58	6.34
	SEMI-COMB	66	20.85	95	20.80	44	23.17	11	21.83	216	21.54
	FULL-COMB	-	0.00	-	0.00	-	0.00	-	0.00	-	0.00
	TOTAL	104	16.22	100	20.15	50	21.10	20	13.77	274	18.75
DUMP TRUCK	SINGLE-UNIT	582	10.06	69	12.45	58	8.84	194	5.52	903	8.96
	SEMI-COMB	213	19.11	75	20.18	36	25.82	304	10.54	628	14.11
	FULL-COMB	17	17.16	1	1.33	14	24.34	-	0.00	32	19.91
	TOTAL	812	13.28	145	16.16	108	17.45	498	10.61	1,563	12.57
REFRIGERATED VAN	SINGLE-UNIT	728	1.44	73	3.17	41	0.81	20	3.30	862	1.59
	SEMI-COMB	354	10.55	491	13.70	44	8.91	17	5.74	906	12.08
	FULL-COMB	6	1.10	4	12.64	-	0.00	-	0.00	10	6.20
	TOTAL	1,088	2.67	568	11.82	85	4.68	37	3.98	1,778	5.62
NON-PETROLEUM TANKER	SINGLE-UNIT	96	4.68	11	6.75	22	4.62	1	8.03	130	5.06
	SEMI-COMB	150	18.40	182	18.85	48	18.77	10	13.45	390	18.73
	FULL-COMB	3	17.78	7	14.68	2	28.50	-	0.00	12	17.56
	TOTAL	249	11.95	200	17.76	72	14.78	11	19.07	532	14.68
PETROLEUM TANKER	SINGLE-UNIT	171	2.35	16	2.26	11	5.12	86	3.64	284	2.45
	SEMI-COMB	262	19.77	188	20.44	16	24.99	858	14.40	1,324	14.95
	FULL-COMB	29	25.07	17	26.36	8	22.74	-	0.00	54	25.29
	TOTAL	462	12.46	221	19.22	35	17.11	944	14.48	1,662	12.99
AUTO CARRIER	SINGLE-UNIT	5	0.86	-	0.00	1	0.00	7	0.00	13	1.60
	SEMI-COMB	18	6.34	133	11.34	4	6.58	8	0.00	163	10.25
	FULL-COMB	-	0.00	2	4.28	-	0.00	1	0.00	3	8.58
	TOTAL	23	6.54	135	11.26	5	2.86	16	0.00	179	9.37
VAN	SINGLE-UNIT	2,553	1.84	594	1.77	390	1.97	822	0.84	4,359	1.62
	SEMI-COMB	1,609	9.17	3,392	9.39	256	7.42	1,006	4.89	6,263	8.26
	FULL-COMB	15	15.33	11	8.82	1	8.05	-	0.00	27	12.53
	TOTAL	4,177	5.00	3,997	8.39	647	3.49	1,828	1.71	10,649	6.07
FLAT BED	SINGLE-UNIT	1,548	3.25	93	3.52	153	2.39	595	1.61	2,389	2.65
	SEMI-COMB	768	13.13	799	14.92	167	15.73	302	7.00	2,036	12.85
	FULL-COMB	34	9.03	12	14.95	9	11.19	3	0.00	58	10.47
	TOTAL	2,350	6.88	904	13.62	329	9.20	900	3.41	4,483	7.38
OTHER	SINGLE-UNIT	4,642	1.96	153	0.71	184	2.33	4,374	0.14	9,353	0.87
	SEMI-COMB	107	12.32	60	17.42	38	14.55	261	0.00	466	13.02
	FULL-COMB	11	2.46	2	6.15	2	7.23	8	0.00	23	2.00
	TOTAL	4,760	2.38	215	6.27	224	6.48	4,643	1.18	9,842	1.88
TOTAL	SINGLE-UNIT	10,411	3.34	1,016	2.53	867	2.24	6,113	0.59	18,407	2.21
	SEMI-COMB	3,561	12.18	5,433	11.63	657	13.56	2,780	9.44	12,431	10.92
	FULL-COMB	117	12.44	57	14.80	37	17.58	12	0.00	223	13.18
	TOTAL	14,089	6.83	6,506	10.62	1,561	7.80	8,905	4.70	31,061	7.26

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.



# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## URBAN ROADS DATA YEAR 1975

Table 7E

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	63	3.07	14	3.09	1	1.93	5	2.20	83	3.23
	SEMI-COMB	15	12.89	53	15.14	1	3.13	6	8.22	75	13.91
	FULL-COMB	3	0.00	1	0.00	-	0.00	-	0.00	4	0.00
	TOTAL	81	4.04	68	11.96	2	0.60	11	5.95	162	8.82
HOPPER	SINGLE-UNIT	52	7.12	10	8.01	4	6.20	9	7.87	75	7.22
	SEMI-COMB	76	20.96	180	18.74	34	24.04	11	21.83	301	20.17
	FULL-COMB	2	3.38	-	0.00	-	0.00	-	0.00	2	0.54
	TOTAL	130	16.28	190	18.53	38	22.07	20	13.77	378	18.23
DUMP TRUCK	SINGLE-UNIT	485	8.78	92	10.60	31	9.74	135	3.73	743	7.95
	SEMI-COMB	235	20.41	74	19.72	22	24.03	35	11.57	366	19.35
	FULL-COMB	16	20.27	2	14.24	14	24.64	-	0.00	32	21.91
	TOTAL	736	13.57	168	14.06	67	18.43	170	4.76	1,141	12.39
REFRIGERATED VAN	SINGLE-UNIT	710	1.26	88	3.78	31	1.48	20	3.30	849	1.58
	SEMI-COMB	341	10.57	456	13.13	28	9.18	16	5.01	841	11.80
	FULL-COMB	6	1.10	4	12.64	-	0.00	-	0.00	10	6.20
	TOTAL	1,057	2.26	548	10.82	59	4.48	36	3.45	1,700	4.87
NON-PETROLEUM TANKER	SINGLE-UNIT	85	3.31	15	5.50	4	3.28	1	8.03	105	3.81
	SEMI-COMB	121	17.62	181	17.79	19	15.49	10	13.45	331	17.49
	FULL-COMB	3	9.42	8	16.09	1	25.25	-	0.00	12	15.18
	TOTAL	209	10.60	204	16.48	24	13.03	11	19.07	448	13.57
PETROLEUM TANKER	SINGLE-UNIT	180	2.29	22	1.04	16	2.67	67	1.42	285	1.84
	SEMI-COMB	249	20.11	192	21.23	30	20.94	187	4.74	658	15.44
	FULL-COMB	31	24.85	21	23.36	8	19.59	-	0.00	60	24.13
	TOTAL	460	11.80	235	19.06	54	14.66	254	3.94	1,003	10.93
AUTO CARRIER	SINGLE-UNIT	5	0.88	-	0.00	-	0.00	1	0.00	6	0.08
	SEMI-COMB	16	7.60	129	10.48	4	6.58	10	0.00	159	9.45
	FULL-COMB	-	0.00	1	5.50	-	0.00	1	0.00	2	8.18
	TOTAL	21	7.72	130	10.42	4	6.58	12	0.00	167	9.84
VAN	SINGLE-UNIT	2,234	1.96	640	1.57	346	2.00	228	1.37	3,448	1.88
	SEMI-COMB	1,352	9.38	3,058	8.92	208	8.22	376	8.31	4,994	8.89
	FULL-COMB	15	6.27	12	6.02	1	8.05	-	0.00	28	6.12
	TOTAL	3,601	4.95	3,710	7.80	555	4.14	604	4.95	8,470	6.59
FLAT BED	SINGLE-UNIT	1,474	3.05	116	3.07	110	1.21	222	2.49	1,922	2.86
	SEMI-COMB	689	12.88	707	14.34	127	15.35	135	9.90	1,658	13.31
	FULL-COMB	36	5.21	21	14.04	5	13.29	3	0.00	65	9.28
	TOTAL	2,199	6.60	844	12.73	242	8.75	360	5.75	3,645	8.14
OTHER	SINGLE-UNIT	5,132	1.91	241	1.63	146	2.33	1,797	0.04	7,316	1.45
	SEMI-COMB	127	14.85	42	16.25	27	21.85	85	0.00	281	14.35
	FULL-COMB	8	9.98	4	3.00	1	0.00	10	0.00	23	0.98
	TOTAL	5,267	2.42	287	4.31	174	6.78	1,892	1.02	7,620	2.24
TOTAL	SINGLE-UNIT	10,420	3.11	1,238	2.51	689	2.31	2,485	0.94	14,832	2.72
	SEMI-COMB	3,221	12.64	5,072	11.28	500	13.41	871	8.30	9,664	11.44
	FULL-COMB	120	11.03	74	13.03	30	19.08	14	0.00	238	11.79
	TOTAL	13,761	6.52	6,384	10.02	1,219	7.88	3,370	3.68	24,734	7.83

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## TOTAL ROADS DATA YEAR 1979

Table 8A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
<b>LIVESTOCK</b>											
	SINGLE-UNIT	303	3.44	39	3.96	23	4.62	34	3.20	399	3.53
	SEMI-COMB	322	16.28	476	18.51	147	18.93	176	17.76	1,121	17.73
	FULL-COMB	37	17.01	17	18.99	17	24.56	3	0.00	74	19.66
	<b>TOTAL</b>	662	10.25	532	17.63	187	17.24	213	18.17	1,594	14.41
<b>HOPPER</b>											
	SINGLE-UNIT	343	7.16	146	9.71	27	5.64	80	9.54	596	8.10
	SEMI-COMB	935	21.67	1,727	21.77	316	23.05	286	22.50	3,264	21.95
	FULL-COMB	35	26.57	21	24.49	8	26.39	3	24.20	67	25.85
	<b>TOTAL</b>	1,313	18.13	1,894	21.00	351	21.74	369	19.51	3,927	20.04
<b>DUMP TRUCK</b>											
	SINGLE-UNIT	2,211	11.36	228	9.85	287	12.95	310	5.84	3,036	10.77
	SEMI-COMB	1,540	22.11	589	21.11	188	21.88	235	17.92	2,552	21.35
	FULL-COMB	85	18.01	60	18.50	71	23.61	10	20.09	226	20.04
	<b>TOTAL</b>	3,836	16.29	877	18.89	546	17.92	555	11.58	5,814	16.32
<b>REFRIGERATED VAN</b>											
	SINGLE-UNIT	2,184	1.96	330	2.66	138	1.54	93	3.46	2,745	2.08
	SEMI-COMB	3,354	13.01	8,328	15.57	874	15.29	568	14.23	13,124	14.80
	FULL-COMB	13	8.99	14	15.48	5	14.39	-	0.00	32	12.70
	<b>TOTAL</b>	5,551	8.00	8,672	15.15	1,017	13.24	661	12.84	15,901	12.67
<b>NON-PETROLEUM TANKER</b>											
	SINGLE-UNIT	385	3.92	64	2.97	52	4.02	65	7.64	566	4.41
	SEMI-COMB	1,061	18.65	1,727	18.85	205	19.71	327	20.91	3,320	19.04
	FULL-COMB	58	21.06	68	23.36	15	20.29	4	19.19	145	22.07
	<b>TOTAL</b>	1,504	14.60	1,859	18.42	272	16.51	396	19.12	4,031	16.94
<b>PETROLEUM TANKER</b>											
	SINGLE-UNIT	570	3.09	44	3.22	26	2.18	86	6.00	726	3.32
	SEMI-COMB	1,196	20.85	1,265	21.20	194	20.11	585	16.66	3,240	19.96
	FULL-COMB	260	24.98	204	25.65	68	24.21	7	25.42	539	25.16
	<b>TOTAL</b>	2,026	15.54	1,513	21.21	288	19.58	678	15.78	4,505	17.48
<b>AUTO CARRIER</b>											
	SINGLE-UNIT	58	3.76	7	5.53	3	0.00	2	0.00	70	3.38
	SEMI-COMB	170	9.91	1,153	10.19	44	9.90	115	9.37	1,482	10.11
	FULL-COMB	9	9.85	52	10.31	-	0.00	1	0.00	62	10.67
	<b>TOTAL</b>	237	8.96	1,212	10.10	47	9.69	118	9.13	1,614	10.07
<b>VAN</b>											
	SINGLE-UNIT	7,844	2.29	1,763	1.98	1,221	1.93	570	3.45	11,398	2.31
	SEMI-COMB	11,756	11.05	27,245	12.07	2,432	12.16	5,485	15.26	46,918	12.14
	FULL-COMB	87	12.65	107	10.20	22	13.79	7	14.34	223	11.60
	<b>TOTAL</b>	19,687	7.70	29,115	11.72	3,675	8.97	6,062	15.88	58,539	10.99
<b>FLAT BED</b>											
	SINGLE-UNIT	5,383	3.25	434	3.14	307	3.81	462	4.84	6,586	3.39
	SEMI-COMB	6,032	14.90	8,754	16.29	1,438	16.87	1,954	15.12	18,178	15.72
	FULL-COMB	432	15.10	161	15.51	69	17.16	32	11.93	694	15.22
	<b>TOTAL</b>	11,847	10.18	9,349	15.91	1,814	15.15	2,448	15.64	25,458	13.40
<b>OTHER</b>											
	SINGLE-UNIT	10,864	2.40	1,285	1.22	492	1.69	1,030	2.29	13,671	2.42
	SEMI-COMB	1,207	18.34	576	16.90	680	22.41	62	14.78	2,525	18.98
	FULL-COMB	161	5.65	88	10.03	63	19.73	3	7.92	315	9.79
	<b>TOTAL</b>	12,232	4.81	1,949	7.91	1,235	15.75	1,095	3.52	16,511	6.39
<b>TOTAL</b>											
	SINGLE-UNIT	30,145	4.22	4,340	2.87	2,576	3.02	2,732	4.83	39,793	4.22
	SEMI-COMB	27,573	14.26	51,840	14.41	6,518	16.13	9,793	15.54	95,724	14.57
	FULL-COMB	1,177	16.58	792	17.20	338	20.90	70	15.65	2,377	17.36
	<b>TOTAL</b>	58,895	11.19	56,972	14.30	9,432	13.34	12,595	16.84	137,894	14.25

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

**TOTAL ROADS  
DATA YEAR 1978**

Table 8B

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS										
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL		
	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	
LIVESTOCK	SINGLE-UNIT	344	3.38	28	4.02	36	4.58	45	4.46	453	3.66
	SEMI-COMB	396	16.82	508	18.04	188	19.27	226	15.90	1,318	17.49
	FULL-COMB	43	14.53	16	19.83	19	23.50	6	22.23	84	18.24
	TOTAL	783	10.73	552	17.40	243	16.64	277	16.62	1,855	14.30
HOPPER	SINGLE-UNIT	339	7.68	44	9.26	67	7.94	58	10.30	508	8.22
	SEMI-COMB	953	22.04	1,408	21.67	346	22.29	295	22.38	3,002	21.98
	FULL-COMB	41	28.06	19	24.72	10	21.43	1	22.78	71	26.23
	TOTAL	1,333	18.79	1,471	21.41	423	19.80	354	20.48	3,581	20.23
DUMP TRUCK	SINGLE-UNIT	2,195	11.36	232	12.99	346	12.27	302	5.79	3,075	10.91
	SEMI-COMB	1,633	22.00	629	21.47	167	22.06	194	17.38	2,623	21.47
	FULL-COMB	98	17.95	37	21.97	75	23.10	10	19.66	220	20.48
	TOTAL	3,926	16.48	898	19.77	588	16.80	506	10.73	5,918	16.44
REFRIGERATED VAN	SINGLE-UNIT	2,519	1.87	204	2.35	161	1.93	111	3.66	2,995	1.96
	SEMI-COMB	3,397	12.61	8,128	15.46	1,096	15.46	611	14.62	13,232	14.65
	FULL-COMB	14	8.30	15	14.35	7	0.00	2	0.00	38	10.66
	TOTAL	5,930	7.45	8,347	15.20	1,264	14.11	724	13.27	16,265	12.43
NON-PETROLEUM TANKER	SINGLE-UNIT	416	4.10	55	5.69	72	5.12	63	8.14	606	4.83
	SEMI-COMB	1,053	18.53	1,530	19.48	209	21.49	315	18.91	3,107	19.21
	FULL-COMB	56	20.66	87	24.33	16	22.93	2	19.10	161	22.83
	TOTAL	1,525	14.25	1,672	19.15	297	17.24	380	17.23	3,874	16.87
PETROLEUM TANKER	SINGLE-UNIT	594	3.34	39	3.09	19	2.75	94	5.68	746	3.52
	SEMI-COMB	1,234	21.81	1,316	21.60	124	23.25	739	15.96	3,413	20.27
	FULL-COMB	279	24.77	199	25.69	67	24.03	7	24.32	552	25.05
	TOTAL	2,107	16.26	1,554	21.56	210	21.52	840	15.25	4,711	17.77
AUTO CARRIER	SINGLE-UNIT	51	3.31	6	5.87	3	0.00	8	0.00	68	2.64
	SEMI-COMB	175	9.40	1,253	10.48	37	9.79	165	10.41	1,630	10.36
	FULL-COMB	12	6.17	56	10.98	2	10.33	6	14.68	76	10.20
	TOTAL	238	8.42	1,315	10.44	42	9.00	179	9.73	1,774	10.26
VAN	SINGLE-UNIT	8,075	2.09	1,382	2.00	1,355	2.06	751	3.53	11,563	2.21
	SEMI-COMB	11,791	11.02	25,766	12.06	2,609	12.11	6,377	14.31	46,543	12.04
	FULL-COMB	137	12.49	100	9.61	55	5.90	12	19.31	304	10.23
	TOTAL	20,003	7.59	27,248	11.76	4,019	8.79	7,140	15.52	58,410	10.88
FLAT BED	SINGLE-UNIT	5,589	3.28	268	3.76	416	3.87	527	4.66	6,800	3.45
	SEMI-COMB	5,881	14.62	8,110	15.34	1,473	16.90	2,533	14.61	17,997	15.53
	FULL-COMB	512	13.94	133	18.03	97	14.04	18	6.99	760	14.54
	TOTAL	11,982	9.93	8,511	16.11	1,986	14.78	3,078	15.78	25,557	13.28
OTHER	SINGLE-UNIT	11,590	2.30	589	0.63	835	1.92	1,299	1.78	14,313	2.22
	SEMI-COMB	1,242	18.38	665	17.63	738	22.32	79	10.01	2,724	18.54
	FULL-COMB	272	4.51	58	10.04	108	15.11	9	0.27	447	5.71
	TOTAL	13,104	4.61	1,312	12.00	1,681	14.42	1,387	1.11	17,484	5.79
TOTAL	SINGLE-UNIT	31,712	4.09	2,847	2.96	3,310	3.75	3,258	4.33	41,127	4.12
	SEMI-COMB	27,755	14.24	49,313	14.42	6,987	16.17	11,534	14.68	95,589	14.52
	FULL-COMB	1,464	15.75	720	18.48	456	17.25	73	13.16	2,713	16.44
	TOTAL	60,931	10.95	52,880	14.33	10,753	13.52	14,865	15.52	139,429	14.02

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## TOTAL ROADS DATA YEAR 1977

Table 8C

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	378	3.20	28	4.48	23	3.15	44	4.64	473	3.46
	SEMI-COMB	360	16.27	460	17.58	200	18.86	140	5.93	1,160	16.10
	FULL-COMB	43	15.49	11	20.24	13	21.50	3	9.81	70	16.93
	TOTAL	781	9.75	499	16.81	236	17.08	187	7.05	1,703	12.60
HOPPER	SINGLE-UNIT	397	7.32	45	9.82	64	8.68	58	10.30	564	8.03
	SEMI-COMB	932	22.12	1,203	21.76	290	21.91	294	22.39	2,719	22.01
	FULL-COMB	28	21.06	19	28.93	5	17.01	1	22.78	53	23.55
	TOTAL	1,357	18.03	1,267	21.49	359	19.09	353	20.49	3,336	19.80
DUMP TRUCK	SINGLE-UNIT	2,005	11.00	219	12.98	299	10.50	529	4.36	3,052	9.92
	SEMI-COMB	1,426	23.23	481	21.35	173	23.30	649	7.69	2,729	19.43
	FULL-COMB	106	19.41	37	21.19	76	23.52	12	17.27	231	20.91
	TOTAL	3,537	16.83	737	19.23	548	16.93	1,190	8.49	6,012	15.44
REFRIGERATED VAN	SINGLE-UNIT	2,538	1.67	201	2.99	172	1.96	110	3.59	3,021	1.84
	SEMI-COMB	3,014	12.45	7,132	15.22	865	15.05	617	14.60	11,628	14.47
	FULL-COMB	15	9.22	13	14.38	6	0.00	2	0.00	36	10.79
	TOTAL	5,567	6.81	7,346	14.91	1,043	13.07	729	13.38	14,685	11.88
NON-PETROLEUM TANKER	SINGLE-UNIT	395	5.33	55	7.00	71	5.52	63	8.12	584	5.83
	SEMI-COMB	970	18.57	1,305	19.33	191	20.96	319	19.05	2,785	19.11
	FULL-COMB	43	17.70	52	24.74	18	25.28	2	19.10	115	22.13
	TOTAL	1,408	14.24	1,412	18.93	280	17.17	384	17.35	3,484	16.66
PETROLEUM TANKER	SINGLE-UNIT	645	3.09	37	2.88	24	0.60	205	2.27	911	2.81
	SEMI-COMB	1,250	21.39	1,301	21.65	120	21.35	2,139	2.55	4,810	14.72
	FULL-COMB	219	25.52	224	25.10	67	23.78	-	0.00	510	25.10
	TOTAL	2,114	15.45	1,562	21.59	211	19.45	2,344	2.75	6,231	13.41
AUTO CARRIER	SINGLE-UNIT	36	2.60	4	1.90	3	1.03	46	0.81	89	0.60
	SEMI-COMB	154	8.62	1,180	10.48	36	9.27	368	4.66	1,738	8.12
	FULL-COMB	8	0.43	47	12.00	2	10.03	6	14.68	63	10.53
	TOTAL	198	7.69	1,231	10.51	41	9.10	420	5.34	1,890	7.93
VAN	SINGLE-UNIT	8,357	2.09	1,406	1.53	1,290	2.10	3,228	0.36	14,281	1.77
	SEMI-COMB	10,579	10.72	24,080	11.79	2,268	11.35	13,856	0.04	50,783	9.48
	FULL-COMB	112	9.03	95	8.63	50	3.72	10	9.57	267	7.92
	TOTAL	19,048	7.21	25,581	11.42	3,608	8.11	17,094	0.24	65,331	8.59
FLAT BED	SINGLE-UNIT	5,614	3.39	246	3.18	424	3.83	1,755	1.24	8,039	2.98
	SEMI-COMB	5,475	14.10	7,823	15.99	1,101	15.68	3,469	3.71	17,868	12.16
	FULL-COMB	440	13.29	137	18.77	86	14.61	18	4.61	681	14.33
	TOTAL	11,529	9.54	8,206	15.77	1,611	12.96	5,242	3.95	26,588	10.13
OTHER	SINGLE-UNIT	12,361	2.25	546	0.20	977	2.00	15,867	0.15	29,751	0.83
	SEMI-COMB	1,120	17.97	606	17.93	707	22.74	613	9.02	3,046	16.44
	FULL-COMB	268	3.65	49	6.77	100	13.50	11	8.29	428	6.76
	TOTAL	13,749	4.21	1,201	11.75	1,784	13.27	16,491	0.08	33,225	2.97
TOTAL	SINGLE-UNIT	32,726	3.90	2,787	2.74	3,347	3.48	21,905	0.34	60,765	2.41
	SEMI-COMB	25,280	14.07	45,571	14.12	5,951	15.70	22,464	1.01	99,266	12.08
	FULL-COMB	1,282	14.36	684	18.55	423	16.98	65	9.60	2,454	15.83
	TOTAL	59,288	10.28	49,042	14.00	9,721	12.65	44,434	1.22	162,485	10.48

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## TOTAL ROADS DATA YEAR 1976

Table 8D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	394	3.03	21	2.74	18	2.94	19	4.19	452	3.18
	SEMI-COMB	286	15.59	320	16.73	159	17.51	174	15.48	939	16.17
	FULL-COMB	35	17.61	16	20.71	10	23.00	5	29.18	66	19.27
	TOTAL	715	8.55	357	15.78	187	16.03	198	16.07	1,457	12.44
HOPPER	SINGLE-UNIT	480	6.74	28	10.13	17	8.34	29	5.89	554	6.93
	SEMI-COMB	962	21.84	860	21.91	308	22.94	59	20.87	2,189	22.00
	FULL-COMB	20	15.23	21	27.26	5	21.53	-	0.00	46	21.17
	TOTAL	1,462	17.19	909	21.62	330	22.10	88	15.09	2,789	19.16
DUMP TRUCK	SINGLE-UNIT	1,820	10.16	215	13.86	234	10.90	536	4.31	2,805	9.19
	SEMI-COMB	1,118	21.32	413	21.30	155	22.81	680	10.44	2,366	17.85
	FULL-COMB	113	19.21	24	19.37	65	21.94	6	8.49	208	19.87
	TOTAL	3,051	15.21	652	18.82	454	17.24	1,222	8.32	5,379	14.17
REFRIGERATED VAN	SINGLE-UNIT	2,587	1.78	195	3.33	120	1.60	50	1.65	2,952	1.87
	SEMI-COMB	2,910	12.49	4,925	14.97	633	15.32	366	15.23	8,834	14.21
	FULL-COMB	13	3.12	12	16.33	5	16.75	-	0.00	30	10.70
	TOTAL	5,510	6.50	5,132	14.56	758	13.51	416	14.21	11,816	10.97
NON-PETROLEUM TANKER	SINGLE-UNIT	368	5.46	41	8.01	63	5.39	7	9.57	479	5.75
	SEMI-COMB	937	18.28	1,174	19.31	170	19.53	82	21.76	2,363	19.01
	FULL-COMB	35	19.87	54	21.88	16	25.14	-	0.00	105	21.69
	TOTAL	1,340	14.34	1,269	19.00	249	16.50	89	20.87	2,947	16.70
PETROLEUM TANKER	SINGLE-UNIT	638	2.84	51	2.79	22	3.90	228	3.03	939	2.73
	SEMI-COMB	1,266	20.93	1,085	21.52	136	20.83	2,454	12.53	4,941	16.50
	FULL-COMB	149	25.42	243	25.32	41	24.61	8	30.17	441	25.35
	TOTAL	2,053	14.75	1,379	21.32	199	19.17	2,690	12.05	6,321	14.82
AUTO CARRIER	SINGLE-UNIT	40	3.84	5	3.51	3	0.23	47	0.24	95	1.10
	SEMI-COMB	186	9.06	1,022	10.79	35	7.58	401	4.19	1,644	8.88
	FULL-COMB	3	13.27	30	11.76	2	11.63	1	0.00	36	12.14
	TOTAL	229	8.52	1,057	10.79	40	8.18	449	3.14	1,775	8.53
VAN	SINGLE-UNIT	8,461	2.10	1,418	1.61	1,123	1.96	3,192	1.63	14,194	1.86
	SEMI-COMB	10,446	10.61	22,195	11.65	1,903	11.35	14,390	10.22	48,934	10.77
	FULL-COMB	78	7.69	71	11.21	11	11.15	12	10.12	172	9.51
	TOTAL	18,985	7.05	23,684	11.28	3,037	7.92	17,594	9.85	63,300	9.67
FLAT BED	SINGLE-UNIT	5,780	3.45	235	4.03	311	2.95	1,681	1.78	8,007	3.02
	SEMI-COMB	4,932	13.80	6,600	15.91	836	15.59	3,970	10.24	16,338	13.75
	FULL-COMB	333	14.18	132	18.45	66	19.78	19	4.00	550	15.57
	TOTAL	11,045	8.74	6,967	15.60	1,213	12.96	5,670	8.84	24,895	11.04
OTHER	SINGLE-UNIT	14,386	1.95	458	0.88	459	3.15	15,824	0.19	31,127	0.81
	SEMI-COMB	987	17.37	398	16.66	816	23.90	690	10.98	2,891	17.32
	FULL-COMB	86	3.95	29	8.15	50	21.91	20	5.93	185	9.91
	TOTAL	15,459	3.40	885	10.20	1,325	18.70	16,534	0.95	34,203	2.75
TOTAL	SINGLE-UNIT	34,954	3.45	2,667	2.87	2,370	3.02	21,613	0.72	61,604	2.19
	SEMI-COMB	24,030	13.65	38,992	13.74	5,151	16.23	23,266	10.40	91,439	12.82
	FULL-COMB	865	15.15	632	20.09	271	21.55	71	11.37	1,839	17.67
	TOTAL	59,849	9.11	42,291	13.54	7,792	13.12	44,950	7.63	154,882	10.40

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.

# AVERAGE CARRIED LOAD BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## TOTAL ROADS DATA YEAR 1975

Table 8E

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL	NUMBER	ACL
LIVESTOCK	SINGLE-UNIT	494	3.38	44	3.54	30	5.01	19	4.20	587	3.56
	SEMI-COMB	297	15.80	656	17.08	188	16.73	93	10.50	1,234	16.17
	FULL-COMB	76	9.20	25	16.21	7	23.52	1	4.65	109	11.58
	TOTAL	867	8.06	725	16.01	225	14.83	113	10.28	1,930	12.20
HOPPER	SINGLE-UNIT	545	7.30	89	10.10	42	7.90	29	5.81	705	7.63
	SEMI-COMB	847	21.23	1,766	21.26	471	22.82	60	20.87	3,144	21.48
	FULL-COMB	32	16.52	28	22.54	8	22.88	-	0.00	68	19.77
	TOTAL	1,424	16.08	1,883	20.79	521	21.75	89	15.23	3,917	19.16
DUMP TRUCK	SINGLE-UNIT	1,843	9.88	278	12.51	328	11.43	229	4.46	2,678	9.82
	SEMI-COMB	1,130	20.47	430	22.06	151	23.04	159	10.37	1,870	20.07
	FULL-COMB	118	17.53	26	24.96	73	21.86	6	7.51	223	19.59
	TOTAL	3,091	14.75	734	18.58	552	16.56	394	6.16	4,771	14.88
REFRIGERATED VAN	SINGLE-UNIT	2,697	1.86	305	3.37	163	2.74	50	2.02	3,215	2.05
	SEMI-COMB	3,131	12.65	7,374	14.98	674	14.80	364	15.17	11,543	14.33
	FULL-COMB	11	3.06	15	16.77	5	13.17	-	0.00	31	11.36
	TOTAL	5,839	6.70	7,694	14.51	842	12.78	414	14.08	14,789	11.55
NON-PETROLEUM TANKER	SINGLE-UNIT	364	3.99	56	7.40	73	6.31	6	10.23	499	4.79
	SEMI-COMB	890	17.09	1,503	18.96	221	19.87	80	22.14	2,694	18.50
	FULL-COMB	42	22.25	85	20.23	23	22.72	-	0.00	150	21.14
	TOTAL	1,296	13.08	1,644	18.53	317	16.67	86	21.42	3,343	16.31
PETROLEUM TANKER	SINGLE-UNIT	679	3.10	69	2.77	52	1.87	131	1.93	931	2.78
	SEMI-COMB	1,308	20.75	1,342	21.73	187	20.78	900	8.72	3,737	17.99
	FULL-COMB	161	25.45	234	24.74	42	24.66	2	30.38	439	25.01
	TOTAL	2,148	14.52	1,645	21.24	281	17.32	1,033	7.70	5,107	15.30
AUTO CARRIER	SINGLE-UNIT	34	3.98	6	0.28	3	4.97	77	0.26	120	0.17
	SEMI-COMB	176	9.19	1,149	10.70	34	8.13	297	5.89	1,656	9.66
	FULL-COMB	3	10.55	44	12.60	8	12.39	2	0.00	57	11.98
	TOTAL	213	9.03	1,199	10.72	45	8.03	376	2.97	1,833	9.02
VAN	SINGLE-UNIT	8,397	2.13	1,712	1.75	1,459	2.18	1,542	1.88	13,110	2.03
	SEMI-COMB	10,314	10.59	25,544	11.80	2,015	11.42	8,258	9.48	46,131	10.97
	FULL-COMB	104	3.21	101	6.41	27	0.35	9	7.37	241	4.27
	TOTAL	18,815	6.95	27,357	11.35	3,501	7.46	9,809	8.71	59,482	9.72
FLAT BED	SINGLE-UNIT	6,227	3.45	336	3.66	398	3.43	808	1.76	7,769	3.29
	SEMI-COMB	4,902	13.73	7,876	15.71	961	15.21	2,766	10.09	16,505	14.12
	FULL-COMB	415	11.66	172	15.66	77	19.13	14	1.46	678	13.44
	TOTAL	11,544	8.44	8,384	15.27	1,436	12.58	3,588	8.99	24,952	11.50
OTHER	SINGLE-UNIT	16,729	1.78	673	1.35	617	2.40	8,290	0.22	26,309	1.21
	SEMI-COMB	971	17.72	456	15.39	803	24.22	418	4.27	2,648	17.04
	FULL-COMB	165	5.65	65	5.04	60	19.60	29	3.35	319	8.11
	TOTAL	17,865	3.06	1,194	8.85	1,480	17.17	8,737	0.73	29,276	3.33
TOTAL	SINGLE-UNIT	38,009	3.31	3,568	2.98	3,165	3.44	11,181	0.74	55,923	2.74
	SEMI-COMB	23,966	13.53	48,096	14.01	5,705	16.27	13,395	9.44	91,162	13.27
	FULL-COMB	1,127	12.53	795	17.09	330	19.22	63	4.79	2,315	14.91
	TOTAL	63,102	8.71	52,459	13.68	9,200	12.66	24,639	6.83	149,400	11.24

NUMBER -- TOTAL NUMBER OF LOADED TRUCKS.  
ACL -- AVERAGE CARRIED LOAD IN TONS.



PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

INTERSTATE RURAL ROADS

DATA YEAR 1979

Table 9A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	194	67.5	30	53.3	5	60.0	9	66.7	238	65.5
	SEMI-COMB	338	62.7	492	61.8	109	72.5	118	89.8	1,057	66.3
	FULL-COMB	30	76.7	12	66.7	16	87.5	3	100.0	61	78.7
	TOTAL	562	65.1	534	61.4	130	73.8	130	88.5	1,356	66.7
HOPPER	SINGLE-UNIT	194	57.7	109	60.6	18	72.2	24	62.5	345	59.7
	SEMI-COMB	782	62.5	1,471	64.1	203	71.4	114	59.6	2,570	64.0
	FULL-COMB	18	72.2	22	72.7	2	100.0	-	0.0	42	73.8
	TOTAL	994	61.8	1,602	64.0	223	71.7	138	60.1	2,957	63.6
DUMP TRUCK	SINGLE-UNIT	687	51.8	126	38.9	120	32.5	182	87.9	1,115	54.2
	SEMI-COMB	555	51.2	284	58.8	113	52.2	156	91.7	1,108	58.9
	FULL-COMB	66	65.2	51	47.1	29	79.3	6	66.7	152	61.8
	TOTAL	1,308	52.2	461	52.1	262	46.2	344	89.2	2,375	56.9
REFRIGERATED VAN	SINGLE-UNIT	969	74.9	192	77.6	85	85.9	56	69.6	1,302	75.8
	SEMI-COMB	2,911	75.0	7,654	83.4	746	83.5	480	74.6	11,791	81.0
	FULL-COMB	7	85.7	7	85.7	6	66.7	-	0.0	20	80.0
	TOTAL	3,887	75.0	7,853	83.3	837	83.6	536	74.1	13,113	80.4
NON-PETROLEUM TANKER	SINGLE-UNIT	171	57.3	28	60.7	16	62.5	18	44.4	233	57.1
	SEMI-COMB	996	57.7	1,866	56.4	182	62.1	258	60.1	3,302	57.4
	FULL-COMB	72	52.8	77	55.8	20	60.0	2	50.0	171	55.0
	TOTAL	1,239	57.4	1,971	56.5	218	61.9	278	59.0	3,706	57.3
PETROLEUM TANKER	SINGLE-UNIT	103	73.8	10	40.0	10	40.0	45	95.6	168	75.6
	SEMI-COMB	825	58.7	968	59.3	164	66.5	438	94.3	2,395	66.0
	FULL-COMB	200	77.0	162	67.3	44	70.5	6	100.0	412	72.8
	TOTAL	1,128	63.3	1,140	60.3	218	66.1	489	94.5	2,975	67.5
AUTO CARRIER	SINGLE-UNIT	53	62.3	7	85.7	3	100.0	2	100.0	65	67.7
	SEMI-COMB	178	66.9	1,095	71.0	39	66.7	105	82.9	1,417	71.2
	FULL-COMB	7	57.1	61	63.9	1	0.0	-	0.0	69	62.3
	TOTAL	238	65.5	1,163	70.7	43	67.4	107	83.2	1,551	70.7
VAN	SINGLE-UNIT	4,161	71.3	995	72.7	792	77.5	436	68.8	6,384	72.1
	SEMI-COMB	9,873	71.7	22,682	83.8	2,051	79.3	4,731	90.4	39,337	81.3
	FULL-COMB	64	82.8	97	75.3	18	88.9	5	100.0	184	79.9
	TOTAL	14,098	71.6	23,774	83.3	2,861	78.9	5,172	88.6	45,905	80.0
FLAT BED	SINGLE-UNIT	2,706	64.4	254	57.1	153	66.0	254	72.0	3,367	64.5
	SEMI-COMB	4,875	69.3	8,088	75.3	1,249	77.0	1,316	89.1	15,528	74.7
	FULL-COMB	324	75.3	145	78.6	62	72.6	16	100.0	547	76.6
	TOTAL	7,905	67.9	8,487	74.8	1,464	75.7	1,586	86.4	19,442	73.0
OTHER	SINGLE-UNIT	5,178	40.7	664	42.2	267	60.7	1,093	51.1	7,202	43.2
	SEMI-COMB	564	69.1	379	73.1	323	72.4	41	78.0	1,307	71.4
	FULL-COMB	137	67.2	75	78.7	36	80.6	3	66.7	251	72.5
	TOTAL	5,879	44.1	1,118	55.1	626	67.9	1,137	52.1	8,760	48.2
TOTAL	SINGLE-UNIT	14,416	57.9	2,415	60.2	1,469	69.6	2,119	62.0	20,419	59.5
	SEMI-COMB	21,897	69.4	44,979	79.1	5,179	76.8	7,757	87.8	79,812	77.1
	FULL-COMB	925	72.4	709	69.3	234	75.2	41	90.2	1,909	72.0
	TOTAL	37,238	65.0	48,103	78.0	6,882	75.2	9,917	82.3	102,140	73.5

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.



PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

INTERSTATE RURAL ROADS

DATA YEAR 1978

Table 9B

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	233	60.9	22	54.5	12	83.3	8	50.0	275	61.1
	SEMI-COMB	414	60.1	604	58.3	149	63.1	135	84.4	1,302	62.1
	FULL-COMB	34	85.3	11	72.7	18	88.9	7	71.4	70	82.9
	TOTAL	681	61.7	637	58.4	179	67.0	150	82.0	1,647	62.8
HOPPER	SINGLE-UNIT	193	51.3	41	48.8	37	67.6	25	56.0	296	53.4
	SEMI-COMB	766	61.0	1,129	64.6	262	61.8	82	54.9	2,239	62.7
	FULL-COMB	19	73.7	16	75.0	5	100.0	-	0.0	40	77.5
	TOTAL	978	59.3	1,186	64.2	304	63.2	107	55.1	2,575	61.8
DUMP TRUCK	SINGLE-UNIT	675	51.6	88	35.2	73	39.7	157	89.8	993	55.3
	SEMI-COMB	519	54.9	299	57.2	80	51.3	104	88.5	1,002	58.8
	FULL-COMB	69	68.1	44	45.5	31	74.2	2	50.0	146	62.3
	TOTAL	1,263	53.8	431	51.5	184	50.5	263	89.0	2,141	57.4
REFRIGERATED VAN	SINGLE-UNIT	1,071	73.2	102	69.6	91	76.9	37	59.5	1,301	72.8
	SEMI-COMB	2,765	75.8	7,260	84.5	947	85.1	409	72.6	11,381	82.0
	FULL-COMB	7	71.4	9	100.0	2	100.0	-	0.0	18	88.9
	TOTAL	3,843	75.1	7,371	84.3	1,040	84.4	446	71.5	12,700	81.1
NON-PETROLEUM TANKER	SINGLE-UNIT	172	57.0	25	68.0	23	47.8	18	61.1	238	57.6
	SEMI-COMB	950	56.8	1,580	53.5	195	49.2	186	62.4	2,911	54.9
	FULL-COMB	66	56.1	87	65.5	18	72.2	2	50.0	173	62.4
	TOTAL	1,188	56.8	1,692	54.3	236	50.8	206	62.1	3,322	55.4
PETROLEUM TANKER	SINGLE-UNIT	111	70.3	7	57.1	6	33.3	40	95.0	164	74.4
	SEMI-COMB	836	58.4	965	56.3	108	51.9	519	93.6	2,428	64.8
	FULL-COMB	218	79.4	148	66.2	45	71.1	7	100.0	418	74.2
	TOTAL	1,165	63.4	1,120	57.6	159	56.6	566	93.8	3,010	66.6
AUTO CARRIER	SINGLE-UNIT	50	58.0	6	83.3	3	100.0	4	100.0	63	65.1
	SEMI-COMB	184	65.8	1,064	71.3	40	55.0	133	90.2	1,421	71.9
	FULL-COMB	9	66.7	68	58.8	3	66.7	8	62.5	88	60.2
	TOTAL	243	64.2	1,138	70.7	46	58.7	145	89.0	1,572	71.0
VAN	SINGLE-UNIT	4,025	71.1	661	72.9	878	73.7	447	68.7	6,011	71.5
	SEMI-COMB	9,381	72.6	20,807	83.4	2,321	75.3	4,778	93.2	37,287	81.4
	FULL-COMB	89	92.1	72	79.2	49	93.9	10	80.0	220	87.7
	TOTAL	13,495	72.3	21,540	83.0	3,248	75.1	5,235	91.1	43,518	80.1
FLAT BED	SINGLE-UNIT	2,724	63.3	153	60.1	218	65.6	280	72.1	3,375	64.1
	SEMI-COMB	4,591	59.0	7,296	75.3	1,291	75.2	1,586	89.5	14,764	74.8
	FULL-COMB	378	76.2	112	82.1	81	72.8	20	70.0	591	76.6
	TOTAL	7,693	67.3	7,561	75.1	1,590	73.8	1,886	86.7	18,730	72.9
OTHER	SINGLE-UNIT	5,198	37.6	498	31.9	268	49.3	1,373	46.5	7,337	39.3
	SEMI-COMB	566	67.8	435	72.9	387	75.7	1,082	3.3	2,470	41.7
	FULL-COMB	192	64.6	44	84.1	63	77.8	133	4.5	432	50.0
	TOTAL	5,956	41.3	977	52.5	718	66.0	2,588	26.3	10,239	40.3
TOTAL	SINGLE-UNIT	14,452	56.2	1,603	55.7	1,609	66.6	2,389	57.8	20,053	57.2
	SEMI-COMB	20,972	69.7	41,439	78.9	5,780	74.2	9,014	79.7	77,205	76.1
	FULL-COMB	1,081	74.5	611	70.4	315	78.4	189	24.9	2,196	69.6
	TOTAL	36,505	64.5	43,653	77.9	7,704	72.8	11,592	74.3	99,454	72.2

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**INTERSTATE RURAL ROADS**

**DATA YEAR 1977**

Table 9C

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK											
	SINGLE-UNIT	235	59.6	22	59.1	13	76.9	10	50.0	280	60.0
	SEMI-COMB	367	54.2	586	54.8	153	60.8	106	82.1	1,212	57.8
	FULL-COMB	26	92.3	8	50.0	11	100.0	4	50.0	49	83.7
	TOTAL	628	57.8	616	54.9	177	64.4	120	78.3	1,541	59.0
HOPPER											
	SINGLE-UNIT	214	53.3	41	51.2	38	65.8	25	56.0	318	54.7
	SEMI-COMB	764	60.6	1,064	63.5	249	59.0	80	55.0	2,157	61.7
	FULL-COMB	12	83.3	17	70.6	3	100.0	-	0.0	32	78.1
	TOTAL	990	59.3	1,122	63.2	290	60.3	105	55.2	2,507	61.0
DUMP TRUCK											
	SINGLE-UNIT	586	46.8	82	36.6	76	34.2	65	75.4	809	46.8
	SEMI-COMB	401	54.6	242	56.2	45	42.2	161	92.5	849	61.6
	FULL-COMB	59	71.2	38	44.7	30	73.3	2	50.0	129	63.6
	TOTAL	1,046	51.1	362	50.6	151	44.4	228	87.3	1,787	55.1
REFRIGERATED VAN											
	SINGLE-UNIT	1,037	74.2	105	70.5	86	76.7	37	59.5	1,265	73.6
	SEMI-COMB	2,309	73.8	6,302	83.3	715	79.4	411	73.5	9,737	80.3
	FULL-COMB	11	63.6	7	100.0	2	100.0	-	0.0	20	80.0
	TOTAL	3,357	73.8	6,414	83.1	803	79.2	448	72.3	11,022	79.5
NON-PETROLEUM TANKER											
	SINGLE-UNIT	135	58.5	31	64.5	27	59.3	17	64.7	210	60.0
	SEMI-COMB	807	54.8	1,336	52.0	148	55.4	189	62.4	2,480	53.9
	FULL-COMB	54	48.1	71	47.9	20	60.0	2	50.0	147	49.7
	TOTAL	996	54.9	1,438	52.1	195	56.4	208	62.5	2,837	54.1
PETROLEUM TANKER											
	SINGLE-UNIT	142	59.9	12	50.0	4	25.0	32	96.9	190	64.7
	SEMI-COMB	836	57.5	1,014	55.9	80	53.8	637	96.4	2,567	66.4
	FULL-COMB	184	70.7	193	71.5	37	78.4	-	0.0	414	71.7
	TOTAL	1,162	59.9	1,219	58.3	121	60.3	669	96.4	3,171	67.0
AUTO CARRIER											
	SINGLE-UNIT	34	44.1	3	100.0	2	100.0	3	100.0	42	54.8
	SEMI-COMB	151	60.9	995	69.4	34	58.8	255	96.1	1,435	73.0
	FULL-COMB	7	57.1	60	56.7	3	66.7	8	62.5	78	57.7
	TOTAL	192	57.8	1,058	68.8	39	61.5	266	95.1	1,555	71.8
VAN											
	SINGLE-UNIT	4,251	69.0	741	72.6	771	73.3	1,315	93.2	7,078	74.4
	SEMI-COMB	8,200	70.5	18,702	81.3	1,831	74.0	9,112	97.2	37,845	82.4
	FULL-COMB	89	76.4	85	80.0	46	89.1	8	75.0	228	80.3
	TOTAL	12,540	70.0	19,528	80.9	2,648	74.1	10,435	96.7	45,151	81.1
FLAT BED											
	SINGLE-UNIT	2,724	60.9	152	60.5	204	63.7	541	87.8	3,621	65.1
	SEMI-COMB	4,216	67.1	6,936	73.4	921	68.6	1,920	91.9	13,993	73.8
	FULL-COMB	341	72.4	111	82.0	66	74.2	17	64.7	535	74.4
	TOTAL	7,281	65.1	7,199	73.3	1,191	68.1	2,478	90.8	18,149	72.0
OTHER											
	SINGLE-UNIT	5,838	37.3	504	29.0	339	51.6	5,947	93.9	12,628	64.0
	SEMI-COMB	524	66.2	371	72.8	340	66.5	117	96.6	1,352	70.7
	FULL-COMB	191	62.8	35	80.0	53	73.6	8	75.0	287	67.2
	TOTAL	6,553	40.3	910	48.8	732	60.1	6,072	94.0	14,267	64.7
TOTAL											
	SINGLE-UNIT	15,196	54.3	1,693	55.7	1,560	65.1	7,992	92.9	26,441	66.7
	SEMI-COMB	18,575	67.6	37,548	76.9	4,516	70.5	12,988	94.7	73,627	77.3
	FULL-COMB	974	69.6	625	69.3	271	77.5	49	65.3	1,919	70.5
	TOTAL	34,745	61.8	39,866	75.9	6,347	69.5	21,029	93.9	101,987	74.4

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**INTERSTATE RURAL ROADS**

**DATA YEAR 1976**

Table 9D

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS									
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK										
SINGLE-UNIT	264	61.4	17	82.4	8	75.0	7	57.1	296	62.8
SEMI-COMB	283	54.1	316	56.6	141	55.3	166	85.5	906	60.9
FULL-COMB	23	78.3	20	50.0	8	75.0	4	100.0	55	69.1
TOTAL	570	58.4	353	57.5	157	57.3	177	84.7	1,257	61.7
HOPPER										
SINGLE-UNIT	249	56.6	11	72.7	8	25.0	10	70.0	278	56.8
SEMI-COMB	703	61.9	750	61.6	150	58.0	56	60.7	1,659	61.4
FULL-COMB	12	50.0	20	70.0	2	100.0	-	0.0	34	64.7
TOTAL	964	60.4	781	62.0	160	56.9	66	62.1	1,971	60.8
DUMP TRUCK										
SINGLE-UNIT	674	43.5	91	44.0	124	43.5	112	88.4	1,001	48.6
SEMI-COMB	426	46.2	217	56.2	47	38.3	207	88.9	897	58.1
FULL-COMB	52	61.5	8	75.0	27	63.0	2	100.0	89	64.0
TOTAL	1,152	45.3	316	53.2	198	44.9	321	88.8	1,987	53.5
REFRIGERATED VAN										
SINGLE-UNIT	1,140	73.9	93	68.8	56	75.0	26	61.5	1,315	73.3
SEMI-COMB	2,356	72.3	4,056	82.2	480	79.4	365	78.4	7,257	78.6
FULL-COMB	8	75.0	2	100.0	2	100.0	-	0.0	12	83.3
TOTAL	3,504	72.8	4,151	81.9	538	79.0	391	77.2	8,584	77.8
NON-PETROLEUM TANKER										
SINGLE-UNIT	156	58.3	15	60.0	13	69.2	4	75.0	188	59.6
SEMI-COMB	818	57.7	1,177	54.1	100	65.0	110	54.5	2,205	56.0
FULL-COMB	57	33.3	54	51.9	22	40.9	-	0.0	133	42.1
TOTAL	1,031	56.5	1,246	54.1	135	61.5	114	55.3	2,526	55.5
PETROLEUM TANKER										
SINGLE-UNIT	143	63.6	14	50.0	1	100.0	38	94.7	196	68.9
SEMI-COMB	920	53.0	890	54.2	87	54.0	837	96.1	2,734	66.6
FULL-COMB	127	52.8	211	67.8	31	58.1	8	100.0	377	62.6
TOTAL	1,190	54.3	1,115	56.7	119	55.5	883	96.0	3,307	66.3
AUTO CARRIER										
SINGLE-UNIT	30	56.7	4	75.0	2	100.0	4	100.0	40	65.0
SEMI-COMB	192	57.8	963	65.1	25	72.0	286	95.5	1,466	70.2
FULL-COMB	1	100.0	28	75.0	3	66.7	-	0.0	32	75.0
TOTAL	223	57.8	995	65.4	30	73.3	290	95.5	1,538	70.2
VAN										
SINGLE-UNIT	4,307	67.7	616	71.4	672	73.7	1,399	93.3	6,994	73.7
SEMI-COMB	8,343	69.6	16,514	81.9	1,469	74.0	9,885	97.1	36,211	82.9
FULL-COMB	66	68.2	62	87.1	13	61.5	10	90.0	151	76.8
TOTAL	12,716	69.0	17,192	81.6	2,154	73.8	11,294	96.6	43,356	81.4
FLAT BED										
SINGLE-UNIT	2,893	61.8	116	71.6	116	59.5	511	91.4	3,636	66.2
SEMI-COMB	3,870	64.2	5,700	72.6	593	67.8	2,276	93.8	12,439	73.6
FULL-COMB	251	75.7	103	77.7	57	66.7	16	56.3	427	74.2
TOTAL	7,014	63.6	5,919	72.7	766	66.4	2,803	93.1	16,502	72.0
OTHER										
SINGLE-UNIT	6,199	44.0	390	29.0	199	50.3	5,984	91.8	12,772	66.0
SEMI-COMB	419	67.1	304	72.4	398	68.8	175	95.4	1,296	72.7
FULL-COMB	62	56.5	25	84.0	51	58.8	22	31.8	160	58.1
TOTAL	6,680	45.5	719	49.2	648	62.3	6,181	91.7	14,228	66.5
TOTAL										
SINGLE-UNIT	16,055	56.5	1,367	57.1	1,199	65.1	8,095	91.8	26,716	67.6
SEMI-COMB	18,330	66.2	30,887	76.8	3,490	70.4	14,363	95.3	67,070	77.5
FULL-COMB	659	63.6	533	71.1	216	61.1	62	62.9	1,470	65.9
TOTAL	35,044	61.7	32,787	75.9	4,905	68.7	22,520	93.9	95,256	74.6

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

# PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## INTERSTATE RURAL ROADS

DATA YEAR 1975

Table 9E

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	335	57.6	25	76.0	16	62.5	7	57.1	383	59.0
	SEMI-COMB	305	54.4	817	55.4	177	56.5	73	71.2	1,372	56.2
	FULL-COMB	59	69.5	26	57.7	6	66.7	-	0.0	91	65.9
	TOTAL	699	57.2	868	56.1	199	57.3	80	70.0	1,846	57.3
HOPPER	SINGLE-UNIT	330	55.2	86	61.6	27	40.7	11	63.6	454	55.7
	SEMI-COMB	632	57.6	1,759	62.2	237	67.5	57	61.4	2,685	61.6
	FULL-COMB	24	41.7	20	70.0	4	100.0	-	0.0	48	58.3
	TOTAL	986	56.4	1,865	62.3	268	65.3	68	61.8	3,187	60.7
DUMP TRUCK	SINGLE-UNIT	820	42.7	132	46.2	164	47.6	27	63.0	1,143	44.3
	SEMI-COMB	491	50.3	248	54.8	58	44.8	61	67.2	852	52.4
	FULL-COMB	54	51.9	14	78.6	31	58.1	3	100.0	108	58.8
	TOTAL	1,365	45.8	394	52.8	253	48.2	91	67.0	2,103	48.3
REFRIGERATED VAN	SINGLE-UNIT	1,316	72.8	179	79.3	88	76.1	26	57.7	1,609	73.5
	SEMI-COMB	2,686	71.5	6,825	81.0	525	80.2	367	77.9	10,403	78.4
	FULL-COMB	6	66.7	3	100.0	2	100.0	-	0.0	11	81.8
	TOTAL	4,008	71.9	7,007	80.9	615	79.7	393	76.6	12,023	77.7
NON-PETROLEUM TANKER	SINGLE-UNIT	163	61.3	19	84.2	26	73.1	3	100.0	211	65.4
	SEMI-COMB	859	53.2	1,633	53.6	132	51.5	108	53.7	2,732	53.4
	FULL-COMB	67	35.8	66	57.6	30	50.0	-	0.0	163	47.2
	TOTAL	1,089	53.4	1,718	54.1	188	54.3	111	55.0	3,106	53.9
PETROLEUM TANKER	SINGLE-UNIT	165	66.7	20	55.0	11	72.7	11	100.0	207	67.6
	SEMI-COMB	929	54.0	1,168	56.7	103	51.5	365	92.6	2,565	60.6
	FULL-COMB	137	49.6	210	64.3	31	61.3	2	100.0	380	58.9
	TOTAL	1,231	55.2	1,398	57.8	145	55.2	378	92.9	3,152	60.9
AUTO CARRIER	SINGLE-UNIT	27	37.0	5	80.0	1	100.0	5	100.0	38	52.6
	SEMI-COMB	192	55.7	1,153	63.1	31	64.5	205	94.1	1,581	66.3
	FULL-COMB	2	50.0	45	64.4	3	66.7	1	100.0	51	64.7
	TOTAL	221	53.4	1,203	63.3	35	65.7	211	94.3	1,670	65.9
VAN	SINGLE-UNIT	4,655	67.5	844	73.3	885	75.8	502	90.8	6,886	71.0
	SEMI-COMB	8,567	69.5	20,977	81.1	1,644	73.8	4,325	94.4	35,513	79.6
	FULL-COMB	83	71.1	87	88.5	30	80.0	5	80.0	205	80.0
	TOTAL	13,305	68.8	21,908	80.8	2,559	74.6	4,832	94.0	42,604	78.2
FLAT BED	SINGLE-UNIT	3,457	62.1	193	68.9	164	60.4	186	85.5	4,000	63.5
	SEMI-COMB	4,017	63.6	7,414	70.7	705	66.2	1,046	87.9	13,182	69.6
	FULL-COMB	351	67.2	142	75.4	65	67.7	13	61.5	571	69.2
	TOTAL	7,825	63.1	7,749	70.7	934	65.3	1,245	87.2	17,753	68.2
OTHER	SINGLE-UNIT	7,472	47.6	629	31.2	297	53.2	1,655	81.9	10,053	52.3
	SEMI-COMB	448	67.0	390	71.8	372	68.8	125	93.6	1,335	71.4
	FULL-COMB	126	69.8	61	86.9	57	57.9	27	44.4	271	68.6
	TOTAL	8,046	49.0	1,080	49.0	726	61.6	1,807	82.1	11,659	54.9
TOTAL	SINGLE-UNIT	18,740	57.3	2,132	58.8	1,679	66.8	2,433	83.5	24,984	60.7
	SEMI-COMB	19,126	65.7	42,384	71.5	3,984	69.9	6,732	91.0	72,226	64.0
	FULL-COMB	909	61.5	674	75.5	259	63.7	51	58.8	1,893	75.3
	TOTAL	38,775	61.6	45,190	74.7	5,922	68.8	9,216	88.8	99,103	70.5

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
 PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**MAIN RURAL ROADS<sup>1</sup>**  
**DATA YEAR 1979**

Table 10A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	413	63.9	50	56.0	25	84.0	54	57.4	542	63.5
	SEMI-COMB	495	60.2	749	59.7	216	67.6	200	86.5	1,660	64.1
	FULL-COMB	49	67.3	23	73.9	22	77.3	3	100.0	97	72.2
	TOTAL	957	62.2	822	59.9	263	70.0	257	80.5	2,299	64.3
HOPPER	SINGLE-UNIT	504	57.3	217	58.1	39	66.7	150	52.7	910	57.1
	SEMI-COMB	1,412	59.3	2,500	63.0	461	63.6	582	48.5	4,955	60.3
	FULL-COMB	44	72.7	34	61.8	10	80.0	4	75.0	92	69.6
	TOTAL	1,960	59.1	2,751	62.6	510	64.1	736	49.5	5,957	59.9
DUMP TRUCK	SINGLE-UNIT	3,442	47.9	343	43.7	401	46.9	433	70.9	4,619	49.7
	SEMI-COMB	2,246	54.1	820	60.7	278	59.0	291	80.4	3,635	58.1
	FULL-COMB	124	60.5	107	50.5	70	72.9	19	47.4	320	59.1
	TOTAL	5,812	50.6	1,270	55.3	749	53.8	743	74.0	8,574	53.6
REFRIGERATED VAN	SINGLE-UNIT	2,065	77.3	336	77.1	133	85.0	142	64.8	2,676	77.0
	SEMI-COMB	4,140	72.5	9,653	82.0	997	82.8	832	66.7	15,622	78.7
	FULL-COMB	10	80.0	11	90.9	7	71.4	-	0.0	28	82.1
	TOTAL	6,215	74.1	10,000	81.8	1,137	83.0	974	66.4	18,326	78.4
NON-PETROLEUM TANKER	SINGLE-UNIT	486	61.1	67	65.7	51	74.5	129	48.8	733	60.3
	SEMI-COMB	1,643	54.4	2,674	56.3	243	61.7	551	58.8	5,111	56.2
	FULL-COMB	110	51.8	133	49.6	24	58.3	6	66.7	273	51.6
	TOTAL	2,239	55.7	2,874	56.2	318	63.5	686	57.0	6,117	56.5
PETROLEUM TANKER	SINGLE-UNIT	543	76.8	46	69.6	37	54.1	110	78.2	736	75.4
	SEMI-COMB	1,645	58.2	1,840	58.5	251	62.9	684	85.2	4,420	62.8
	FULL-COMB	304	74.7	282	68.1	79	67.1	10	70.0	675	71.0
	TOTAL	2,492	64.3	2,168	60.0	367	62.9	804	84.1	5,831	65.3
AUTO CARRIER	SINGLE-UNIT	81	61.7	8	87.5	3	100.0	2	100.0	94	66.0
	SEMI-COMB	243	63.8	1,452	69.4	56	69.6	136	83.8	1,887	69.7
	FULL-COMB	11	72.7	75	69.3	3	0.0	-	0.0	89	67.4
	TOTAL	335	63.6	1,535	69.5	62	67.7	138	84.1	2,070	69.5
VAN	SINGLE-UNIT	8,330	69.0	1,692	72.5	1,193	75.4	910	62.2	12,125	69.6
	SEMI-COMB	14,587	69.6	29,660	81.9	2,693	78.2	6,257	86.4	53,197	78.9
	FULL-COMB	99	78.8	129	74.4	25	80.0	9	77.8	262	76.7
	TOTAL	23,016	69.4	31,481	81.3	3,911	77.3	7,176	83.3	65,584	77.1
FLAT BED	SINGLE-UNIT	6,674	61.2	516	61.4	317	61.2	781	58.0	8,288	60.9
	SEMI-COMB	7,917	66.8	11,103	72.3	1,758	74.1	2,316	83.5	23,094	71.7
	FULL-COMB	516	77.7	194	78.9	91	73.6	37	86.5	838	77.9
	TOTAL	15,107	64.7	11,813	71.9	2,166	72.2	3,134	77.2	32,220	69.1
OTHER	SINGLE-UNIT	22,483	33.0	1,854	42.6	607	54.2	2,817	35.6	27,761	34.4
	SEMI-COMB	1,707	65.0	714	73.1	816	81.0	71	85.9	3,308	71.2
	FULL-COMB	226	65.0	108	75.9	79	77.2	4	75.0	417	70.3
	TOTAL	24,416	35.6	2,676	52.1	1,502	70.0	2,892	36.9	31,486	38.7
TOTAL	SINGLE-UNIT	45,021	48.5	5,129	58.1	2,806	65.3	5,528	48.5	58,484	50.1
	SEMI-COMB	36,035	66.4	61,165	76.6	7,769	75.2	11,920	81.1	116,889	73.8
	FULL-COMB	1,493	71.4	1,096	67.8	410	72.2	92	73.9	3,091	70.3
	TOTAL	82,549	56.7	67,390	75.0	10,985	72.6	17,540	70.8	178,464	66.0

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.  
1/ INCLUDES INTERSTATE RURAL ROADS.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**MAIN RURAL ROADS**

**DATA YEAR 1978**

Table 10B

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	506	58.1	40	52.5	35	85.7	86	48.8	667	58.0
	SEMI-COMB	653	57.3	846	58.0	302	60.3	277	80.1	2,078	61.1
	FULL-COMB	53	71.7	20	80.0	24	79.2	8	75.0	105	75.2
	TOTAL	1,212	58.3	906	58.3	361	64.0	371	72.8	2,850	60.9
HOPPER	SINGLE-UNIT	497	55.7	70	51.4	87	63.2	101	41.6	755	54.3
	SEMI-COMB	1,425	60.4	2,018	61.5	524	59.2	538	47.8	4,505	59.3
	FULL-COMB	52	75.0	26	69.2	10	90.0	3	33.3	91	73.6
	TOTAL	1,974	59.6	2,114	61.3	621	60.2	642	46.7	5,351	58.8
DUMP TRUCK	SINGLE-UNIT	3,307	48.0	382	47.1	390	51.5	409	72.1	4,488	50.5
	SEMI-COMB	2,359	55.9	948	59.1	242	57.4	255	74.5	3,804	58.0
	FULL-COMB	141	63.8	73	47.9	75	73.3	20	40.0	309	60.8
	TOTAL	5,807	51.6	1,403	55.2	707	55.9	684	72.1	8,601	54.2
REFRIGERATED VAN	SINGLE-UNIT	2,343	77.3	192	75.0	154	77.3	135	59.3	2,824	76.3
	SEMI-COMB	4,064	73.9	9,311	82.2	1,243	83.0	738	69.2	15,356	79.5
	FULL-COMB	10	80.0	10	100.0	5	100.0	2	100.0	28	92.9
	TOTAL	6,417	75.2	9,513	82.1	1,403	82.5	875	67.8	18,208	79.0
NON-PETROLEUM TANKER	SINGLE-UNIT	530	61.3	59	72.9	76	59.2	115	54.8	780	61.0
	SEMI-COMB	1,591	54.2	2,356	54.2	268	51.1	491	58.9	4,706	54.5
	FULL-COMB	94	58.5	140	60.7	22	68.2	4	50.0	260	60.4
	TOTAL	2,215	56.1	2,555	55.0	366	53.8	610	58.0	5,746	55.7
PETROLEUM TANKER	SINGLE-UNIT	595	74.3	40	70.0	20	60.0	115	79.1	770	74.4
	SEMI-COMB	1,753	57.7	1,990	56.2	191	51.3	837	86.4	4,771	61.9
	FULL-COMB	318	77.4	274	68.2	77	67.5	10	70.0	679	72.5
	TOTAL	2,666	63.8	2,304	57.9	288	56.3	962	85.3	6,220	64.6
AUTO CARRIER	SINGLE-UNIT	76	57.9	7	85.7	3	100.0	8	100.0	94	64.9
	SEMI-COMB	251	63.3	1,513	69.7	59	55.9	179	89.9	2,002	70.3
	FULL-COMB	14	78.6	87	62.1	6	33.3	9	66.7	116	62.9
	TOTAL	341	62.8	1,607	69.3	68	55.9	196	89.3	2,212	69.7
VAN	SINGLE-UNIT	8,265	69.9	1,219	72.3	1,342	72.8	1,085	62.1	11,911	69.8
	SEMI-COMB	14,351	70.6	27,977	81.4	3,061	74.5	6,735	89.3	52,124	79.0
	FULL-COMB	141	85.1	108	76.9	58	89.7	14	78.6	321	82.9
	TOTAL	22,757	70.5	29,304	81.0	4,461	74.2	7,834	85.5	64,356	77.3
FLAT BED	SINGLE-UNIT	6,975	60.0	343	61.2	449	63.0	833	57.6	8,600	60.0
	SEMI-COMB	7,731	66.5	10,357	71.7	1,816	72.3	2,809	86.7	22,713	71.9
	FULL-COMB	611	78.4	162	80.2	120	71.7	29	58.6	922	77.2
	TOTAL	15,317	64.0	10,862	71.5	2,385	70.5	3,671	79.9	32,235	68.8
OTHER	SINGLE-UNIT	22,652	34.1	1,120	35.7	974	45.5	3,105	35.7	27,851	34.8
	SEMI-COMB	1,762	65.0	849	71.7	890	81.2	1,312	5.7	4,813	53.0
	FULL-COMB	383	59.8	64	84.4	128	72.7	181	3.3	756	50.5
	TOTAL	24,797	36.7	2,033	52.3	1,992	63.2	4,598	25.8	33,420	37.7
TOTAL	SINGLE-UNIT	45,746	49.1	3,472	56.1	3,530	61.4	5,992	48.1	58,740	50.2
	SEMI-COMB	35,940	66.8	58,165	76.0	8,596	72.7	14,171	76.7	116,872	73.0
	FULL-COMB	1,817	72.4	964	69.7	526	74.0	280	23.6	3,587	68.1
	TOTAL	83,503	57.3	62,601	74.8	12,652	69.6	20,443	67.6	179,199	65.4

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
 PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.  
 1/ INCLUDES INTERSTATE RURAL ROADS.



**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**MAIN RURAL ROADS <sup>1</sup>**  
**DATA YEAR 1977**

Table 10C

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	579	56.0	38	57.9	25	76.0	88	48.9	730	55.9
	SEMI-COMB	637	53.8	814	54.9	317	60.6	227	59.5	1,995	56.0
	FULL-COMB	50	78.0	15	66.7	15	80.0	5	60.0	85	75.3
	TOTAL	1,266	55.8	867	55.2	357	62.5	320	56.6	2,810	56.5
HOPPER	SINGLE-UNIT	638	54.2	68	52.9	80	65.0	101	41.6	887	53.7
	SEMI-COMB	1,430	59.1	1,705	60.9	444	54.5	535	47.7	4,114	57.9
	FULL-COMB	42	61.9	32	56.3	5	80.0	3	33.3	82	59.8
	TOTAL	2,110	57.7	1,805	60.6	529	56.3	639	46.6	5,083	57.2
DUMP TRUCK	SINGLE-UNIT	3,139	46.0	363	48.5	397	48.9	537	64.2	4,436	48.7
	SEMI-COMB	2,197	55.7	762	56.7	270	55.9	424	82.3	3,653	59.0
	FULL-COMB	152	65.1	73	47.9	79	70.9	22	45.5	326	61.3
	TOTAL	5,488	50.4	1,198	53.7	746	53.8	983	71.6	8,415	53.6
REFRIGERATED VAN	SINGLE-UNIT	2,368	77.3	187	76.5	153	75.2	137	57.7	2,845	76.2
	SEMI-COMB	3,655	72.1	8,161	81.0	1,008	78.4	741	69.8	13,565	77.8
	FULL-COMB	13	69.2	8	100.0	5	100.0	2	100.0	28	85.7
	TOTAL	6,036	74.1	8,356	80.9	1,166	78.0	880	68.0	16,438	77.5
NON-PETROLEUM TANKER	SINGLE-UNIT	491	62.1	65	70.8	77	58.4	114	55.3	747	61.4
	SEMI-COMB	1,487	52.8	2,065	52.2	250	56.4	496	59.3	4,298	53.4
	FULL-COMB	78	53.8	110	45.5	31	51.6	4	50.0	223	49.3
	TOTAL	2,056	55.1	2,240	52.4	358	56.4	614	58.5	5,268	54.4
PETROLEUM TANKER	SINGLE-UNIT	675	70.8	42	61.9	20	70.0	146	87.0	883	73.0
	SEMI-COMB	1,824	56.5	1,979	55.4	182	54.9	1,632	78.2	5,617	62.4
	FULL-COMB	285	68.4	299	70.2	70	74.3	3	0.0	657	69.6
	TOTAL	2,784	61.2	2,320	57.4	272	61.0	1,781	78.8	7,157	64.3
AUTO CARRIER	SINGLE-UNIT	63	50.8	4	100.0	5	40.0	40	97.5	112	68.8
	SEMI-COMB	233	58.8	1,458	68.1	53	60.4	411	86.9	2,155	70.5
	FULL-COMB	10	70.0	77	58.4	5	40.0	9	66.7	101	59.4
	TOTAL	306	57.5	1,539	67.7	63	57.1	460	87.4	2,368	69.9
VAN	SINGLE-UNIT	8,869	66.7	1,280	70.8	1,230	72.2	2,842	83.4	14,221	70.9
	SEMI-COMB	13,028	68.5	26,195	79.5	2,666	73.4	14,620	86.1	56,509	78.4
	FULL-COMB	123	72.4	99	76.8	56	83.9	13	69.2	291	75.9
	TOTAL	22,020	67.8	27,574	79.1	3,952	73.2	17,475	85.7	71,021	76.9
FLAT BED	SINGLE-UNIT	7,284	57.3	321	58.9	460	63.5	1,507	76.3	9,572	60.6
	SEMI-COMB	7,312	64.4	10,104	69.9	1,406	66.9	4,287	72.1	23,109	68.4
	FULL-COMB	541	75.8	171	78.4	104	70.2	31	54.8	847	74.9
	TOTAL	15,137	61.4	10,596	69.7	1,970	66.2	5,825	73.1	33,528	66.3
OTHER	SINGLE-UNIT	23,590	34.9	1,120	34.8	1,204	45.3	12,809	89.8	38,723	53.4
	SEMI-COMB	1,579	64.7	761	71.4	863	77.4	397	88.4	3,600	71.8
	FULL-COMB	387	58.1	56	80.4	119	70.6	11	72.7	573	63.2
	TOTAL	25,556	37.1	1,937	50.5	2,186	59.3	13,217	89.8	42,896	55.1
TOTAL	SINGLE-UNIT	47,696	48.4	3,488	55.6	3,651	59.3	18,321	86.0	73,156	58.7
	SEMI-COMB	33,382	64.8	54,004	74.3	7,459	69.9	23,770	80.8	118,615	72.7
	FULL-COMB	1,681	67.9	940	67.1	489	71.8	103	56.3	3,213	67.9
	TOTAL	82,759	55.4	58,432	73.1	11,599	66.6	42,194	83.0	194,984	67.3

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
 PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.  
 1/ INCLUDES INTERSTATE RURAL ROADS.



# PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## MAIN RURAL ROADS <sup>1</sup>

DATA YEAR 1976

Table 10D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	607	57.0	24	79.2	23	73.9	22	63.6	676	58.6
	SEMI-COMB	504	54.0	532	56.8	264	58.7	201	85.1	1,501	60.0
	FULL-COMB	41	80.5	27	55.6	12	75.0	6	83.3	86	72.1
	TOTAL	1,152	56.5	583	57.6	299	60.5	229	83.0	2,263	60.0
HOPPER	SINGLE-UNIT	782	56.3	33	69.7	18	61.1	30	66.7	863	57.2
	SEMI-COMB	1,447	61.9	1,294	59.0	456	57.9	84	57.1	3,281	60.1
	FULL-COMB	36	55.6	34	61.8	7	71.4	-	0.0	77	59.7
	TOTAL	2,265	59.9	1,361	59.4	481	58.2	114	59.6	4,221	59.5
DUMP TRUCK	SINGLE-UNIT	2,722	45.5	274	53.3	408	42.9	378	90.5	3,782	50.3
	SEMI-COMB	1,682	53.5	617	54.6	241	49.4	411	91.2	2,951	58.7
	FULL-COMB	141	68.1	34	67.6	78	65.4	15	40.0	268	65.7
	TOTAL	4,545	49.2	925	54.7	727	47.5	804	89.9	7,001	54.4
REFRIGERATED VAN	SINGLE-UNIT	2,417	76.6	163	74.8	105	75.2	52	57.7	2,737	76.1
	SEMI-COMB	3,661	69.8	5,555	79.8	737	79.9	451	77.4	10,404	76.2
	FULL-COMB	9	77.8	8	100.0	5	100.0	-	0.0	22	90.9
	TOTAL	6,087	72.5	5,726	79.7	847	79.5	503	75.3	13,163	76.2
NON-PETROLEUM TANKER	SINGLE-UNIT	437	62.2	51	58.8	70	58.6	7	85.7	565	61.8
	SEMI-COMB	1,419	55.5	1,831	54.2	198	61.6	132	54.5	3,580	55.1
	FULL-COMB	75	42.7	95	49.5	34	41.2	-	0.0	204	45.6
	TOTAL	1,931	56.5	1,977	54.1	302	58.6	139	56.1	4,349	55.5
PETROLEUM TANKER	SINGLE-UNIT	649	71.8	52	67.3	14	78.6	152	93.4	867	75.4
	SEMI-COMB	1,848	54.3	1,621	55.3	194	61.9	1,688	94.5	5,351	67.6
	FULL-COMB	211	56.9	336	67.3	52	63.5	10	80.0	609	63.5
	TOTAL	2,708	58.7	2,009	57.6	260	63.1	1,850	94.4	6,827	68.2
AUTO CARRIER	SINGLE-UNIT	62	56.5	7	71.4	5	40.0	41	97.6	115	71.3
	SEMI-COMB	283	59.4	1,361	65.2	44	70.5	413	95.2	2,101	70.4
	FULL-COMB	4	75.0	40	70.0	3	66.7	-	0.0	47	70.2
	TOTAL	349	59.0	1,408	65.4	52	67.3	454	95.4	2,263	70.5
VAN	SINGLE-UNIT	8,959	65.7	1,157	70.9	1,006	72.9	2,559	92.6	13,681	71.7
	SEMI-COMB	13,028	67.8	23,460	80.1	2,237	73.6	13,786	97.1	52,511	81.2
	FULL-COMB	88	71.6	70	85.7	20	50.0	14	85.7	192	75.5
	TOTAL	22,075	67.0	24,687	79.7	3,263	73.2	16,359	96.4	66,384	79.3
FLAT BED	SINGLE-UNIT	7,187	58.8	217	65.0	276	57.2	1,208	89.9	8,888	63.1
	SEMI-COMB	6,710	62.1	8,345	69.5	995	67.2	3,867	94.9	19,917	71.8
	FULL-COMB	400	74.8	157	76.4	87	65.5	24	66.7	668	73.7
	TOTAL	14,297	60.8	8,719	69.5	1,358	65.1	5,099	93.5	29,473	69.2
OTHER	SINGLE-UNIT	24,298	40.0	851	35.7	585	47.0	12,665	90.4	38,399	56.6
	SEMI-COMB	1,368	64.3	478	70.7	1,023	76.1	441	97.3	3,310	73.3
	FULL-COMB	118	63.6	33	81.8	95	50.5	32	37.5	278	58.3
	TOTAL	25,784	41.4	1,362	49.1	1,703	64.7	13,138	90.5	41,987	57.9
TOTAL	SINGLE-UNIT	48,120	50.9	2,829	58.1	2,510	59.8	17,114	90.6	70,573	61.1
	SEMI-COMB	31,950	64.0	45,094	74.4	6,389	70.3	21,474	95.4	104,907	75.3
	FULL-COMB	1,123	66.6	834	68.9	393	59.5	101	58.4	2,451	65.9
	TOTAL	81,193	56.3	48,757	73.4	9,292	67.0	38,689	93.2	177,931	69.5

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
 PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.  
 1/ INCLUDES INTERSTATE RURAL ROADS.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**MAIN RURAL ROADS<sup>1</sup>**  
**DATA YEAR 1975**

Table 10E

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	790	53.7	44	63.6	40	72.5	22	63.6	896	55.2
	SEMI-COMB	546	51.5	1,106	54.5	328	57.0	113	77.0	2,093	55.3
	FULL-COMB	100	70.0	37	64.9	10	70.0	2	50.0	149	68.5
	TOTAL	1,436	54.0	1,187	55.2	378	59.0	137	74.5	3,138	55.9
HOPPER	SINGLE-UNIT	836	57.2	125	60.0	64	53.1	31	64.5	1,056	57.5
	SEMI-COMB	1,295	59.4	2,592	61.0	675	64.7	85	57.6	4,647	61.1
	FULL-COMB	50	60.0	42	66.7	11	72.7	-	0.0	103	64.1
	TOTAL	2,181	58.6	2,759	61.1	750	63.9	116	59.5	5,806	60.5
DUMP TRUCK	SINGLE-UNIT	3,066	44.2	364	51.1	606	48.7	117	80.3	4,153	46.5
	SEMI-COMB	1,646	54.1	660	53.8	218	59.2	154	79.9	2,678	55.9
	FULL-COMB	161	63.4	33	72.7	95	62.1	15	40.0	304	62.8
	TOTAL	4,873	48.2	1,057	53.5	919	52.6	286	78.0	7,135	50.7
REFRIGERATED VAN	SINGLE-UNIT	2,606	75.9	276	78.3	170	77.1	50	60.0	3,102	75.9
	SEMI-COMB	4,010	69.6	8,718	79.3	816	79.2	453	76.8	13,997	76.4
	FULL-COMB	7	71.4	11	100.0	5	100.0	-	0.0	23	91.3
	TOTAL	6,623	72.1	9,005	79.3	991	78.9	503	75.1	17,122	76.4
NON-PETROLEUM TANKER	SINGLE-UNIT	450	61.8	63	65.1	109	63.3	6	83.3	628	62.6
	SEMI-COMB	1,453	52.9	2,450	54.0	349	57.9	130	53.8	4,382	53.9
	FULL-COMB	86	45.3	131	58.8	38	57.9	-	0.0	255	54.1
	TOTAL	1,989	54.6	2,644	54.5	496	59.1	136	55.1	5,265	54.9
PETROLEUM TANKER	SINGLE-UNIT	690	71.3	72	65.3	54	66.7	66	97.0	882	72.4
	SEMI-COMB	1,921	55.1	2,014	57.0	290	54.1	776	91.9	5,001	61.5
	FULL-COMB	234	55.6	325	65.5	53	64.2	3	66.7	615	61.6
	TOTAL	2,845	59.1	2,411	58.4	397	57.2	845	92.2	6,498	63.0
AUTO CARRIER	SINGLE-UNIT	63	46.0	11	54.5	4	75.0	77	98.7	155	73.5
	SEMI-COMB	286	55.9	1,625	62.7	47	63.8	306	93.8	2,264	66.1
	FULL-COMB	5	60.0	66	65.2	10	80.0	1	100.0	82	67.1
	TOTAL	354	54.2	1,702	62.7	61	67.2	384	94.8	2,501	66.6
VAN	SINGLE-UNIT	9,189	66.8	1,471	72.6	1,503	73.9	1,395	94.2	13,558	71.1
	SEMI-COMB	13,156	68.1	28,215	79.6	2,470	73.2	8,218	95.9	52,059	79.0
	FULL-COMB	121	73.6	105	84.8	36	72.2	10	90.0	272	78.3
	TOTAL	22,466	67.6	29,791	79.3	4,009	73.4	9,623	95.7	65,889	77.4
FLAT BED	SINGLE-UNIT	8,191	57.8	334	65.3	497	57.5	634	92.4	9,656	60.3
	SEMI-COMB	6,914	60.9	10,472	68.3	1,279	65.2	2,795	94.1	21,460	69.1
	FULL-COMB	560	67.5	202	74.8	107	67.3	18	61.1	887	69.0
	TOTAL	15,665	59.5	11,008	68.3	1,883	63.3	3,447	93.6	32,003	66.5
OTHER	SINGLE-UNIT	28,268	40.6	1,182	36.2	963	48.0	7,136	91.0	37,549	50.3
	SEMI-COMB	1,307	64.6	588	70.4	1,016	76.4	345	96.5	3,256	72.7
	FULL-COMB	216	71.8	69	87.0	107	54.2	39	48.7	431	67.7
	TOTAL	29,791	41.9	1,839	49.0	2,086	62.1	7,520	91.0	41,236	52.2
TOTAL	SINGLE-UNIT	54,149	50.6	3,942	58.7	4,010	61.2	9,534	91.2	71,635	57.0
	SEMI-COMB	32,534	63.7	58,440	73.5	7,488	69.5	13,375	93.6	111,837	72.8
	FULL-COMB	1,540	65.0	1,021	70.5	472	63.3	88	55.7	3,121	66.3
	TOTAL	88,223	55.7	63,403	72.6	11,970	66.5	22,997	92.5	186,593	66.7

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.  
1/ INCLUDES INTERSTATE RURAL ROADS.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**URBAN ROADS  
DATA YEAR 1979**

Table 11A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	73	53.4	24	45.8	5	40.0	3	100.0	105	52.4
	SEMI-COMB	40	60.0	55	50.9	7	14.3	3	100.0	105	53.3
	FULL-COMB	5	80.0	2	0.0	-	0.0	-	0.0	7	57.1
	TOTAL	118	56.8	81	48.1	12	25.0	6	100.0	217	53.0
HOPPER	SINGLE-UNIT	93	57.0	22	27.3	1	100.0	1	100.0	117	52.1
	SEMI-COMB	176	54.5	264	53.8	36	63.9	7	57.1	483	54.9
	FULL-COMB	3	100.0	2	0.0	-	0.0	-	0.0	5	60.0
	TOTAL	272	55.9	288	51.4	37	64.9	8	62.5	605	54.4
DUMP TRUCK	SINGLE-UNIT	1,153	48.5	189	40.7	169	58.6	9	33.3	1,520	48.6
	SEMI-COMB	522	62.3	159	57.2	54	44.4	12	8.3	747	59.0
	FULL-COMB	23	43.5	10	60.0	31	64.5	1	100.0	65	56.9
	TOTAL	1,698	52.7	358	48.6	254	56.3	22	22.7	2,332	52.1
REFRIGERATED VAN	SINGLE-UNIT	741	78.3	90	77.8	29	86.2	2	50.0	862	78.4
	SEMI-COMB	500	70.4	558	73.7	60	80.0	16	81.3	1,134	72.7
	FULL-COMB	9	55.6	10	40.0	-	0.0	-	0.0	19	47.4
	TOTAL	1,250	75.0	658	73.7	89	82.0	18	77.8	2,015	74.9
NON-PETROLEUM TANKER	SINGLE-UNIT	128	68.8	29	69.0	22	63.6	4	50.0	183	67.8
	SEMI-COMB	303	55.1	381	57.0	90	61.1	8	37.5	782	56.5
	FULL-COMB	10	10.0	9	22.2	6	16.7	-	0.0	25	16.0
	TOTAL	441	58.0	419	57.0	118	59.3	12	41.7	990	57.6
PETROLEUM TANKER	SINGLE-UNIT	200	75.0	20	60.0	6	100.0	-	0.0	226	74.3
	SEMI-COMB	410	57.8	329	56.2	43	83.7	5	40.0	787	58.4
	FULL-COMB	39	84.6	14	85.7	19	78.9	-	0.0	72	83.3
	TOTAL	649	64.7	363	57.6	68	83.8	5	40.0	1,085	63.4
AUTO CARRIER	SINGLE-UNIT	21	38.1	1	0.0	-	0.0	-	0.0	22	36.4
	SEMI-COMB	23	65.2	207	70.0	5	100.0	3	33.3	238	69.7
	FULL-COMB	1	100.0	-	0.0	-	0.0	1	100.0	2	100.0
	TOTAL	45	53.3	208	69.7	5	100.0	4	50.0	262	67.2
VAN	SINGLE-UNIT	3,212	64.0	718	72.8	416	76.7	8	50.0	4,354	66.6
	SEMI-COMB	2,478	64.4	3,994	73.4	447	72.7	105	75.2	7,024	70.2
	FULL-COMB	19	47.4	23	43.5	3	66.7	-	0.0	45	46.7
	TOTAL	5,709	64.1	4,735	73.2	866	74.6	113	73.5	11,423	68.8
FLAT BED	SINGLE-UNIT	2,174	59.1	210	52.9	149	75.8	15	60.0	2,548	59.5
	SEMI-COMB	1,186	62.2	1,134	63.1	196	68.9	26	80.8	2,542	63.3
	FULL-COMB	42	73.8	8	100.0	3	66.7	2	0.0	55	74.5
	TOTAL	3,402	60.3	1,352	61.8	348	71.8	43	69.8	5,145	61.6
OTHER	SINGLE-UNIT	11,109	30.0	1,012	44.6	231	70.6	80	33.8	12,432	32.0
	SEMI-COMB	156	61.5	73	74.0	21	90.5	1	100.0	251	67.7
	FULL-COMB	21	52.4	7	85.7	3	66.7	-	0.0	31	61.3
	TOTAL	11,286	30.5	1,092	46.8	255	72.2	81	34.6	12,714	32.8
TOTAL	SINGLE-UNIT	18,904	43.1	2,315	55.3	1,028	72.2	122	41.0	22,369	45.7
	SEMI-COMB	5,794	62.9	7,154	68.8	959	70.0	186	68.8	14,093	66.5
	FULL-COMB	172	62.8	85	56.5	65	64.6	4	50.0	326	61.3
	TOTAL	24,870	47.9	9,554	65.4	2,052	70.9	312	57.7	36,788	53.8

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**URBAN ROADS  
DATA YEAR 1978**

Table 11B

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	78	61.5	9	66.7	10	60.0	3	100.0	100	63.0
	SEMI-COMB	33	63.6	31	54.8	18	33.3	9	44.4	91	52.7
	FULL-COMB	6	83.3	2	0.0	-	0.0	-	0.0	8	62.5
	TOTAL	117	63.2	42	54.8	28	42.9	12	58.3	199	58.3
HOPPER	SINGLE-UNIT	101	52.5	9	55.6	8	75.0	23	69.6	141	56.7
	SEMI-COMB	176	51.1	291	55.0	74	47.3	62	61.3	603	53.6
	FULL-COMB	2	100.0	1	100.0	1	100.0	-	0.0	4	100.0
	TOTAL	279	52.0	301	55.1	83	50.6	85	63.5	748	54.4
DUMP TRUCK	SINGLE-UNIT	1,182	51.0	109	46.8	278	52.2	32	21.9	1,601	50.3
	SEMI-COMB	512	61.1	124	54.0	57	43.9	11	36.4	704	58.1
	FULL-COMB	18	44.4	4	50.0	31	64.5	3	66.7	56	57.1
	TOTAL	1,712	54.0	237	50.6	366	51.9	46	28.3	2,361	52.8
REFRIGERATED VAN	SINGLE-UNIT	872	80.2	73	80.8	55	74.5	34	91.2	1,034	80.3
	SEMI-COMB	553	71.1	654	70.9	87	73.6	116	86.2	1,410	72.4
	FULL-COMB	10	60.0	11	45.5	-	0.0	-	0.0	21	52.4
	TOTAL	1,435	76.5	738	71.5	142	73.9	150	87.3	2,465	75.5
NON-PETROLEUM TANKER	SINGLE-UNIT	144	63.2	14	85.7	37	67.6	1	0.0	196	65.3
	SEMI-COMB	392	48.7	464	53.7	115	62.6	57	45.6	1,028	52.3
	FULL-COMB	10	10.0	9	22.2	6	16.7	-	0.0	25	16.0
	TOTAL	546	51.8	487	54.0	158	62.0	58	44.8	1,249	53.6
PETROLEUM TANKER	SINGLE-UNIT	210	71.9	13	69.2	7	85.7	4	75.0	234	72.2
	SEMI-COMB	409	54.3	337	57.9	32	75.0	27	59.3	805	56.8
	FULL-COMB	39	84.6	14	85.7	19	78.9	-	0.0	72	83.3
	TOTAL	658	61.7	364	59.3	58	77.6	31	61.3	1,111	61.7
AUTO CARRIER	SINGLE-UNIT	16	43.8	1	0.0	-	0.0	-	0.0	17	41.2
	SEMI-COMB	27	59.3	280	71.1	4	100.0	5	80.0	316	70.6
	FULL-COMB	1	100.0	3	66.7	-	0.0	-	0.0	4	75.0
	TOTAL	44	54.5	284	70.8	4	100.0	5	80.0	337	69.1
VAN	SINGLE-UNIT	3,526	64.4	689	72.3	522	71.5	122	63.1	4,859	66.2
	SEMI-COMB	2,523	65.3	4,087	73.1	472	69.7	458	79.5	7,540	70.6
	FULL-COMB	29	55.2	29	55.2	3	66.7	1	100.0	62	56.5
	TOTAL	6,078	64.7	4,805	72.8	997	70.6	581	76.1	12,461	68.9
FLAT BED	SINGLE-UNIT	2,353	58.8	98	54.1	225	57.8	80	58.8	2,756	58.5
	SEMI-COMB	1,179	62.3	1,104	60.7	231	68.0	127	77.2	2,641	62.8
	FULL-COMB	41	75.6	4	75.0	12	83.3	2	50.0	59	76.3
	TOTAL	3,573	60.1	1,206	60.2	468	63.5	209	69.9	5,456	60.8
OTHER	SINGLE-UNIT	12,106	31.0	450	39.8	793	46.5	805	23.9	14,154	31.8
	SEMI-COMB	150	64.0	83	67.5	20	75.0	4	100.0	257	66.5
	FULL-COMB	87	42.5	6	66.7	19	52.6	3	100.0	115	47.0
	TOTAL	12,343	31.5	539	44.3	832	47.4	812	24.5	14,526	32.5
TOTAL	SINGLE-UNIT	20,588	44.0	1,465	59.5	1,935	56.9	1,104	34.1	25,092	45.5
	SEMI-COMB	5,954	62.5	7,455	67.9	1,110	65.9	876	75.1	15,395	66.1
	FULL-COMB	243	57.6	83	56.6	91	64.8	9	77.8	426	59.4
	TOTAL	26,785	48.3	9,003	66.4	3,136	60.3	1,989	52.3	40,913	53.4

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

URBAN ROADS  
DATA YEAR 1977

Table 11C

BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS									
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK										
SINGLE-UNIT	97	53.6	8	62.5	5	80.0	2	50.0	112	55.4
SEMI-COMB	31	51.6	25	52.0	21	38.1	10	50.0	87	48.3
FULL-COMB	5	80.0	3	33.3	1	100.0	-	0.0	9	66.7
TOTAL	133	54.1	36	52.8	27	48.1	12	50.0	208	52.9
HOPPER										
SINGLE-UNIT	91	46.2	9	66.7	8	75.0	23	69.6	131	53.4
SEMI-COMB	167	50.9	297	53.2	90	52.2	63	61.9	617	53.3
FULL-COMB	7	28.6	1	100.0	1	100.0	-	0.0	9	44.4
TOTAL	265	48.7	307	53.7	99	54.5	86	64.0	757	53.2
DUMP TRUCK										
SINGLE-UNIT	1,183	47.3	90	46.7	227	46.3	211	87.2	1,711	52.0
SEMI-COMB	348	57.8	89	52.8	38	50.0	307	97.7	782	72.5
FULL-COMB	20	35.0	6	33.3	31	64.5	3	66.7	60	51.7
TOTAL	1,551	49.5	185	49.2	296	48.6	521	93.3	2,553	58.3
REFRIGERATED VAN										
SINGLE-UNIT	895	78.2	69	82.6	74	75.7	34	91.2	1,072	78.7
SEMI-COMB	549	69.0	733	70.7	99	75.8	116	86.2	1,497	71.6
FULL-COMB	10	60.0	11	45.5	-	0.0	-	0.0	21	52.4
TOTAL	1,454	74.6	813	71.3	173	75.7	150	87.3	2,590	74.4
NON-PETROLEUM TANKER										
SINGLE-UNIT	133	67.7	12	75.0	37	64.9	1	0.0	183	67.2
SEMI-COMB	393	47.1	458	48.9	81	61.7	55	45.5	987	49.0
FULL-COMB	9	11.1	10	20.0	8	25.0	-	0.0	27	18.5
TOTAL	535	51.6	480	49.0	126	60.3	56	44.6	1,197	51.1
PETROLEUM TANKER										
SINGLE-UNIT	216	76.9	10	90.0	9	100.0	79	98.7	314	83.4
SEMI-COMB	407	54.1	313	64.9	23	78.3	873	98.7	1,616	80.6
FULL-COMB	27	88.9	19	73.7	19	78.9	-	0.0	65	81.5
TOTAL	650	63.1	342	66.1	51	82.4	952	98.7	1,995	81.1
AUTO CARRIER										
SINGLE-UNIT	10	40.0	1	0.0	1	100.0	7	100.0	19	63.2
SEMI-COMB	34	50.0	272	68.8	5	80.0	12	91.7	323	67.8
FULL-COMB	1	100.0	3	66.7	-	0.0	-	0.0	4	75.0
TOTAL	45	48.9	276	68.5	6	83.3	19	94.7	346	67.6
VAN										
SINGLE-UNIT	3,922	61.7	698	71.2	580	68.4	904	94.8	6,104	68.3
SEMI-COMB	2,548	65.0	4,368	74.1	458	67.7	1,361	93.1	8,735	74.1
FULL-COMB	35	62.9	32	56.3	3	66.7	1	100.0	71	60.6
TOTAL	6,505	63.0	5,098	73.6	1,041	68.1	2,266	93.8	14,910	71.7
FLAT BED										
SINGLE-UNIT	2,489	57.3	95	54.7	230	56.1	638	94.8	3,452	64.0
SEMI-COMB	1,215	62.6	1,273	59.2	233	67.8	406	92.6	3,127	65.5
FULL-COMB	41	68.3	4	75.0	13	92.3	2	50.0	60	73.3
TOTAL	3,745	59.1	1,372	59.0	476	62.8	1,046	93.9	6,639	64.8
OTHER										
SINGLE-UNIT	13,559	29.7	427	34.2	888	46.1	4,984	87.5	19,858	45.1
SEMI-COMB	153	64.7	100	63.0	46	84.8	262	100.0	561	82.5
FULL-COMB	88	42.0	7	57.1	21	52.4	3	100.0	119	45.2
TOTAL	13,800	30.2	534	39.9	955	48.1	5,249	88.2	20,538	46.1
TOTAL										
SINGLE-UNIT	22,595	42.0	1,419	58.0	2,059	55.4	6,883	89.2	32,956	53.4
SEMI-COMB	5,845	61.9	7,928	68.2	1,094	66.5	3,465	93.7	18,332	70.9
FULL-COMB	243	54.3	96	54.2	97	66.0	9	77.8	445	57.3
TOTAL	28,683	46.2	9,443	66.5	3,250	59.4	10,357	90.7	51,733	59.6

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**URBAN ROADS**

**DATA YEAR 1976**

Table 11D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	96	50.0	2	100.0	2	50.0	7	71.4	107	52.3
	SEMI-COMB	37	37.8	33	54.5	10	40.0	4	75.0	84	46.4
	FULL-COMB	2	100.0	1	100.0	1	100.0	-	0.0	4	100.0
	TOTAL	135	47.4	36	58.3	13	46.2	11	72.7	195	50.8
HOPPER	SINGLE-UNIT	96	39.6	8	62.5	8	75.0	13	69.2	125	46.4
	SEMI-COMB	115	57.4	165	57.6	66	66.7	30	36.7	376	57.4
	FULL-COMB	5	0.0	-	0.0	1	0.0	-	0.0	6	0.0
	TOTAL	216	48.1	173	57.8	75	66.7	43	46.5	507	54.0
DUMP TRUCK	SINGLE-UNIT	1,273	45.7	122	56.6	152	38.2	215	90.2	1,762	51.2
	SEMI-COMB	371	57.4	137	54.7	71	50.7	312	97.4	891	70.5
	FULL-COMB	29	58.6	4	25.0	26	53.8	-	0.0	59	54.2
	TOTAL	1,673	48.5	263	55.1	249	43.4	527	94.5	2,712	57.6
REFRIGERATED VAN	SINGLE-UNIT	928	78.4	90	81.1	56	73.2	24	83.3	1,098	78.5
	SEMI-COMB	545	65.0	692	71.0	61	72.1	21	81.0	1,319	68.7
	FULL-COMB	11	54.5	10	40.0	1	0.0	-	0.0	22	45.5
	TOTAL	1,484	73.3	792	71.7	118	72.0	45	82.2	2,439	72.9
NON-PETROLEUM TANKER	SINGLE-UNIT	148	64.9	17	64.7	31	71.0	6	16.7	202	64.4
	SEMI-COMB	324	46.3	364	50.0	68	70.6	12	83.3	768	50.8
	FULL-COMB	7	42.9	12	58.3	4	50.0	-	0.0	23	52.2
	TOTAL	479	52.0	393	50.9	103	69.9	18	61.1	993	53.6
PETROLEUM TANKER	SINGLE-UNIT	224	76.3	17	94.1	13	84.6	91	94.5	345	82.3
	SEMI-COMB	470	55.7	308	61.0	23	69.6	871	98.5	1,672	79.2
	FULL-COMB	33	87.9	33	51.5	10	80.0	-	0.0	76	71.1
	TOTAL	727	63.5	358	61.7	46	76.1	962	98.1	2,093	79.4
AUTO CARRIER	SINGLE-UNIT	12	41.7	1	0.0	1	100.0	7	100.0	21	61.9
	SEMI-COMB	32	56.3	218	61.0	5	80.0	8	100.0	263	62.0
	FULL-COMB	1	0.0	3	66.7	-	0.0	1	100.0	5	60.0
	TOTAL	45	51.1	222	60.8	6	83.3	16	100.0	289	61.9
VAN	SINGLE-UNIT	3,966	64.4	819	72.5	561	69.5	840	97.9	6,186	70.5
	SEMI-COMB	2,400	67.0	4,503	75.3	398	64.3	1,051	95.7	8,352	75.0
	FULL-COMB	18	83.3	23	47.8	2	50.0	-	0.0	43	62.8
	TOTAL	6,384	65.4	5,345	74.8	961	67.3	1,891	96.7	14,581	73.0
FLAT BED	SINGLE-UNIT	2,660	58.2	146	63.7	226	67.7	630	94.4	3,662	65.2
	SEMI-COMB	1,245	61.7	1,307	61.1	253	66.0	320	94.4	3,125	65.2
	FULL-COMB	52	65.4	13	92.3	12	75.0	3	100.0	80	72.5
	TOTAL	3,957	59.4	1,466	61.7	491	67.0	953	94.4	6,867	65.3
OTHER	SINGLE-UNIT	12,674	36.6	409	37.4	362	50.8	4,793	91.3	18,238	51.3
	SEMI-COMB	168	63.7	85	70.6	42	90.5	261	100.0	556	83.8
	FULL-COMB	17	64.7	5	40.0	3	66.7	8	100.0	33	69.7
	TOTAL	12,859	37.0	499	43.1	407	55.0	5,062	91.7	18,827	52.3
TOTAL	SINGLE-UNIT	22,077	47.2	1,631	62.3	1,412	61.4	6,626	92.3	31,746	58.0
	SEMI-COMB	5,707	62.4	7,812	69.5	997	65.9	2,890	96.2	17,406	71.4
	FULL-COMB	175	66.9	104	54.8	60	61.7	12	100.0	351	63.5
	TOTAL	27,959	50.4	9,547	68.1	2,469	63.2	9,528	93.5	49,503	62.7

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

URBAN ROADS  
DATA YEAR 1975

Table 11E

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	158	39.9	21	66.7	3	33.3	6	83.3	188	44.1
	SEMI-COMB	47	31.9	96	55.2	3	33.3	7	85.7	153	49.0
	FULL-COMB	3	100.0	1	100.0	-	0.0	-	0.0	4	100.0
	TOTAL	208	38.9	118	57.6	6	33.3	13	84.6	345	47.0
HOPPER	SINGLE-UNIT	130	40.0	25	40.0	5	80.0	13	69.2	173	43.4
	SEMI-COMB	128	59.4	300	60.0	50	68.0	30	36.7	508	59.3
	FULL-COMB	7	28.6	1	0.0	1	0.0	-	0.0	9	22.2
	TOTAL	265	49.1	326	58.3	56	67.9	43	46.5	690	54.8
DUMP TRUCK	SINGLE-UNIT	1,075	45.1	169	54.4	86	36.0	154	87.7	1,484	50.1
	SEMI-COMB	403	58.3	158	46.8	53	41.5	43	81.4	657	55.7
	FULL-COMB	26	61.5	6	33.3	25	56.0	-	0.0	57	56.1
	TOTAL	1,504	48.9	333	50.5	164	40.9	197	86.3	2,198	51.9
REFRIGERATED VAN	SINGLE-UNIT	896	79.2	110	80.0	46	67.4	24	83.3	1,076	78.9
	SEMI-COMB	534	63.9	688	66.3	44	63.6	20	80.0	1,286	65.4
	FULL-COMB	11	54.5	10	40.0	1	0.0	-	0.0	22	45.5
	TOTAL	1,441	73.4	808	67.8	91	64.8	44	81.8	2,384	71.3
NON-PETROLEUM TANKER	SINGLE-UNIT	136	62.5	24	62.5	5	80.0	6	16.7	171	61.4
	SEMI-COMB	265	45.7	361	50.1	36	52.8	12	83.3	674	49.1
	FULL-COMB	5	60.0	13	61.5	2	50.0	-	0.0	20	60.0
	TOTAL	406	51.5	398	51.3	43	55.8	18	61.1	865	51.8
PETROLEUM TANKER	SINGLE-UNIT	223	80.7	25	88.0	19	84.2	72	93.1	339	84.1
	SEMI-COMB	451	55.2	307	62.5	41	73.2	200	93.5	999	65.9
	FULL-COMB	38	81.6	34	61.8	9	88.9	-	0.0	81	74.1
	TOTAL	712	64.6	366	64.2	69	78.3	272	93.4	1,419	70.7
AUTO CARRIER	SINGLE-UNIT	14	35.7	-	0.0	-	0.0	1	100.0	15	40.0
	SEMI-COMB	31	51.6	193	66.8	5	80.0	10	100.0	239	66.5
	FULL-COMB	1	0.0	3	33.3	-	0.0	1	100.0	5	40.0
	TOTAL	46	45.7	196	66.3	5	80.0	12	100.0	259	64.5
VAN	SINGLE-UNIT	3,472	64.3	887	72.2	500	69.2	246	92.7	5,105	67.5
	SEMI-COMB	2,048	66.0	4,082	74.9	307	67.8	421	89.3	6,858	72.8
	FULL-COMB	19	78.9	26	46.2	2	50.0	-	0.0	47	59.6
	TOTAL	5,539	65.0	4,995	74.3	809	68.6	667	90.6	12,010	70.5
FLAT BED	SINGLE-UNIT	2,648	55.7	191	60.7	160	68.8	257	86.4	3,256	59.0
	SEMI-COMB	1,134	60.8	1,159	61.0	188	67.6	152	88.8	2,633	63.0
	FULL-COMB	50	72.0	22	95.5	7	71.4	3	100.0	82	79.3
	TOTAL	3,832	57.4	1,372	61.5	355	68.2	412	87.4	5,971	61.0
OTHER	SINGLE-UNIT	13,628	37.7	549	43.9	327	44.6	2,214	81.2	16,718	43.8
	SEMI-COMB	188	67.6	57	73.7	29	93.1	85	100.0	359	78.3
	FULL-COMB	18	44.4	8	50.0	1	100.0	10	100.0	37	62.2
	TOTAL	13,834	38.1	614	46.7	357	48.7	2,309	81.9	17,114	44.5
TOTAL	SINGLE-UNIT	22,380	46.6	2,001	61.9	1,151	59.9	2,993	83.0	28,525	52.0
	SEMI-COMB	5,229	61.6	7,401	68.5	756	66.1	980	88.9	14,366	57.3
	FULL-COMB	178	67.4	124	59.7	48	62.5	14	100.0	364	65.4
	TOTAL	27,787	49.5	9,526	67.0	1,955	62.4	3,987	84.5	43,255	57.2

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.



# PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## TOTAL ROADS DATA YEAR 1979

Table 12A

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	486	62.3	74	52.7	30	76.7	57	59.6	647	61.7
	SEMI-COMB	535	60.2	805	59.1	223	65.9	203	86.7	1,766	63.5
	FULL-COMB	54	68.5	25	68.0	22	77.3	3	100.0	104	71.2
	TOTAL	1,075	61.6	904	58.8	275	68.0	263	81.0	2,517	63.3
HOPPER	SINGLE-UNIT	604	56.8	263	55.5	40	67.5	151	53.0	1,058	56.3
	SEMI-COMB	1,590	58.8	2,782	62.1	497	63.6	589	48.6	5,458	59.8
	FULL-COMB	48	72.9	36	58.3	10	80.0	4	75.0	98	68.4
	TOTAL	2,242	58.6	3,081	61.5	547	64.2	744	49.6	6,614	59.4
DUMP TRUCK	SINGLE-UNIT	4,600	48.1	536	42.5	572	50.2	442	70.1	6,150	49.4
	SEMI-COMB	2,770	55.6	979	60.2	332	56.6	303	77.6	4,384	58.2
	FULL-COMB	147	57.8	118	50.8	101	70.3	20	50.0	386	58.5
	TOTAL	7,517	51.0	1,633	53.7	1,005	54.3	765	72.5	10,920	53.2
REFRIGERATED VAN	SINGLE-UNIT	2,814	77.6	427	77.3	162	85.2	144	64.6	3,547	77.4
	SEMI-COMB	4,646	72.2	10,218	81.5	1,057	82.7	848	67.0	16,769	78.3
	FULL-COMB	19	68.4	21	66.7	7	71.4	-	0.0	47	68.1
	TOTAL	7,479	74.2	10,666	81.3	1,226	83.0	992	66.6	20,363	78.1
NON-PETROLEUM TANKER	SINGLE-UNIT	615	62.6	97	66.0	73	71.2	133	48.9	918	61.7
	SEMI-COMB	1,947	54.5	3,063	56.4	333	61.6	559	58.5	5,902	56.3
	FULL-COMB	120	48.3	142	47.9	30	50.0	6	66.7	298	48.7
	TOTAL	2,682	56.1	3,302	56.3	436	62.4	698	56.7	7,118	56.6
PETROLEUM TANKER	SINGLE-UNIT	746	76.4	66	66.7	43	60.5	110	78.2	965	75.2
	SEMI-COMB	2,056	58.2	2,176	58.1	294	66.0	689	84.9	5,215	62.1
	FULL-COMB	343	75.8	296	68.9	98	69.4	10	70.0	747	72.2
	TOTAL	3,145	64.4	2,538	59.6	435	66.2	809	83.8	6,927	65.0
AUTO CARRIER	SINGLE-UNIT	102	56.9	9	77.8	3	100.0	2	100.0	116	60.3
	SEMI-COMB	266	63.9	1,659	69.5	61	72.1	139	82.7	2,125	69.7
	FULL-COMB	12	75.0	75	69.3	3	0.0	1	100.0	91	68.1
	TOTAL	380	62.4	1,743	69.5	67	70.1	142	83.1	2,332	69.2
VAN	SINGLE-UNIT	11,597	67.6	2,427	72.6	1,613	75.7	918	62.1	16,555	68.8
	SEMI-COMB	17,073	68.9	33,689	80.9	3,141	77.4	6,362	86.2	60,265	77.9
	FULL-COMB	118	73.7	154	69.5	28	78.6	9	77.8	309	72.2
	TOTAL	28,788	68.4	36,270	80.3	4,782	76.9	7,289	83.2	77,129	75.9
FLAT BED	SINGLE-UNIT	8,868	60.7	732	59.3	466	65.9	796	58.0	10,862	60.6
	SEMI-COMB	9,109	66.2	12,258	71.4	1,954	73.6	2,342	83.4	25,663	70.8
	FULL-COMB	559	77.3	202	79.7	94	73.4	39	82.1	894	77.6
	TOTAL	18,536	63.9	13,192	70.9	2,514	72.2	3,177	77.1	37,419	68.0
OTHER	SINGLE-UNIT	34,018	31.9	2,941	43.7	840	58.6	2,897	35.6	40,696	33.6
	SEMI-COMB	1,865	64.7	787	73.2	837	81.2	72	86.1	3,561	70.9
	FULL-COMB	251	64.1	116	75.9	82	76.8	4	75.0	453	69.5
	TOTAL	36,134	33.9	3,844	50.7	1,759	70.2	2,973	36.8	44,710	36.9
TOTAL	SINGLE-UNIT	64,450	46.8	7,572	57.3	3,842	67.0	5,650	48.4	81,514	48.8
	SEMI-COMB	41,857	65.9	68,416	75.8	8,729	74.7	12,106	80.9	131,108	73.0
	FULL-COMB	1,671	70.4	1,185	66.8	475	71.2	96	72.9	3,427	69.4
	TOTAL	107,978	54.5	77,173	73.8	13,046	72.3	17,852	70.6	216,049	63.8

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**TOTAL ROADS  
DATA YEAR 1978**

Table 12B

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	590	58.3	50	56.0	46	78.3	89	50.6	775	58.5
	SEMI-COMB	689	57.5	880	57.7	320	58.8	286	79.0	2,175	60.6
	FULL-COMB	61	70.5	22	72.7	24	79.2	8	75.0	115	73.0
	TOTAL	1,340	58.4	952	58.0	390	62.3	383	72.3	3,065	60.5
HOPPER	SINGLE-UNIT	609	55.7	85	51.8	103	65.0	124	46.8	921	55.2
	SEMI-COMB	1,606	59.3	2,317	60.8	601	57.6	600	49.2	5,124	58.6
	FULL-COMB	54	75.9	27	70.4	11	90.9	3	33.3	95	74.7
	TOTAL	2,269	58.7	2,429	60.6	715	59.2	727	48.7	6,140	58.3
DUMP TRUCK	SINGLE-UNIT	4,497	48.8	494	47.0	671	51.6	441	68.5	6,103	50.4
	SEMI-COMB	2,874	56.8	1,074	58.6	302	55.3	266	72.9	4,516	58.1
	FULL-COMB	159	61.6	77	48.1	106	70.8	23	43.5	365	60.3
	TOTAL	7,530	52.1	1,645	54.6	1,079	54.5	730	69.3	10,984	53.9
REFRIGERATED VAN	SINGLE-UNIT	3,227	78.1	266	76.7	210	76.7	169	65.7	3,872	77.4
	SEMI-COMB	4,617	73.6	9,976	81.5	1,330	82.4	854	71.5	16,777	78.9
	FULL-COMB	20	70.0	21	71.4	7	100.0	2	100.0	50	76.0
	TOTAL	7,864	75.4	10,263	81.3	1,547	81.7	1,025	70.6	20,699	78.6
NON-PETROLEUM TANKER	SINGLE-UNIT	676	61.5	73	75.3	116	62.1	116	54.3	981	61.8
	SEMI-COMB	1,983	53.1	2,826	54.1	387	54.0	548	57.5	5,744	54.1
	FULL-COMB	104	53.8	149	58.4	28	57.1	4	50.0	285	56.5
	TOTAL	2,763	55.2	3,048	54.9	531	55.9	668	56.9	7,010	55.3
PETROLEUM TANKER	SINGLE-UNIT	806	73.7	56	69.6	28	67.9	119	79.0	1,009	73.9
	SEMI-COMB	2,164	57.0	2,330	56.5	225	55.1	864	85.5	5,583	61.1
	FULL-COMB	357	78.2	288	69.1	96	69.8	10	70.0	751	73.5
	TOTAL	3,327	63.3	2,674	58.1	349	60.2	993	84.6	7,343	64.2
AUTO CARRIER	SINGLE-UNIT	92	55.4	8	75.0	3	100.0	8	100.0	111	61.3
	SEMI-COMB	278	62.9	1,793	69.9	63	58.7	184	89.7	2,318	70.3
	FULL-COMB	15	80.0	90	62.2	6	33.3	9	66.7	120	63.3
	TOTAL	385	61.8	1,891	69.5	72	58.3	201	89.1	2,549	69.6
VAN	SINGLE-UNIT	11,826	68.3	1,912	72.3	1,870	72.5	1,207	62.2	16,815	68.8
	SEMI-COMB	16,882	69.8	32,090	80.3	3,535	73.8	7,193	88.7	59,700	78.0
	FULL-COMB	171	80.1	140	71.4	62	88.7	15	80.0	388	78.4
	TOTAL	28,879	69.3	34,142	79.8	5,467	73.5	8,415	84.8	76,903	76.0
FLAT BED	SINGLE-UNIT	9,357	59.7	448	59.8	679	61.3	913	57.7	11,397	59.7
	SEMI-COMB	8,917	66.0	11,481	70.6	2,052	71.8	2,936	86.3	25,386	70.9
	FULL-COMB	655	78.2	166	80.1	133	72.9	31	58.1	985	77.2
	TOTAL	18,929	63.3	12,095	70.4	2,864	69.3	3,880	79.3	37,768	67.7
OTHER	SINGLE-UNIT	35,228	32.9	1,591	37.0	1,827	45.7	3,911	33.2	42,557	33.6
	SEMI-COMB	1,913	64.9	933	71.3	910	81.1	1,316	6.0	5,072	53.7
	FULL-COMB	485	56.1	70	82.9	152	71.1	184	4.9	891	50.2
	TOTAL	37,626	34.8	2,594	50.6	2,889	58.2	5,411	25.6	48,520	36.0
TOTAL	SINGLE-UNIT	66,908	47.4	4,983	57.1	5,553	59.6	7,097	45.9	84,541	48.6
	SEMI-COMB	41,923	66.2	65,700	75.1	9,725	71.8	15,047	76.7	132,395	72.2
	FULL-COMB	2,081	70.4	1,050	68.6	625	73.0	289	25.3	4,045	67.1
	TOTAL	110,912	54.9	71,733	73.7	15,903	67.6	22,433	66.3	220,981	63.1

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

# PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION

## TOTAL ROADS DATA YEAR 1977

Table 12C

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I. C. C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	682	55.4	47	59.6	31	74.2	90	48.9	850	55.6
	SEMI-COMB	671	53.7	842	54.6	338	59.2	237	59.1	2,088	55.6
	FULL-COMB	57	75.4	18	61.1	16	81.3	5	60.0	96	72.9
	TOTAL	1,410	55.4	907	55.0	385	61.3	332	56.3	3,034	56.1
HOPPER	SINGLE-UNIT	740	53.6	83	54.2	96	66.7	124	46.8	1,043	54.1
	SEMI-COMB	1,602	58.2	2,010	59.9	537	54.0	598	49.2	4,747	57.3
	FULL-COMB	49	57.1	33	57.6	6	83.3	3	33.3	91	58.2
	TOTAL	2,391	56.8	2,126	59.6	639	56.2	725	48.7	5,881	56.7
DUMP TRUCK	SINGLE-UNIT	4,329	46.3	456	48.0	627	47.7	748	70.7	6,160	49.5
	SEMI-COMB	2,548	56.0	853	56.4	311	55.6	731	88.8	4,443	61.4
	FULL-COMB	172	61.6	79	46.8	110	69.1	25	48.0	386	59.8
	TOTAL	7,049	50.2	1,388	53.1	1,048	52.3	1,504	79.1	10,989	54.7
REFRIGERATED VAN	SINGLE-UNIT	3,275	77.5	257	78.2	228	75.4	171	64.3	3,931	76.9
	SEMI-COMB	4,204	71.7	8,905	80.1	1,107	78.1	857	72.0	15,073	77.1
	FULL-COMB	23	65.2	19	68.4	6	100.0	2	100.0	50	72.0
	TOTAL	7,502	74.2	9,181	80.0	1,341	77.8	1,030	70.8	19,054	77.1
NON-PETROLEUM TANKER	SINGLE-UNIT	625	63.2	77	71.4	117	60.7	115	54.8	934	62.5
	SEMI-COMB	1,880	51.6	2,529	51.6	335	57.0	551	57.9	5,295	52.6
	FULL-COMB	87	49.4	120	43.3	39	46.2	4	50.0	250	46.0
	TOTAL	2,592	54.3	2,726	51.8	491	57.0	670	57.3	6,479	53.8
PETROLEUM TANKER	SINGLE-UNIT	892	72.3	55	67.3	30	80.0	225	91.1	1,202	75.8
	SEMI-COMB	2,233	56.0	2,295	56.7	207	58.0	2,505	85.4	7,240	66.4
	FULL-COMB	312	70.2	318	70.4	89	75.3	3	0.0	722	70.6
	TOTAL	3,437	61.5	2,668	58.5	326	64.7	2,733	85.8	9,164	68.0
AUTO CARRIER	SINGLE-UNIT	73	49.3	5	80.0	6	50.0	47	97.9	131	67.9
	SEMI-COMB	267	57.7	1,730	68.2	58	62.1	423	87.0	2,478	70.1
	FULL-COMB	11	72.7	80	58.8	5	40.0	9	66.7	105	60.0
	TOTAL	351	56.4	1,815	67.8	69	59.4	479	87.7	2,714	69.6
VAN	SINGLE-UNIT	12,824	65.2	1,982	70.9	1,816	71.0	3,746	86.2	20,368	70.1
	SEMI-COMB	15,584	67.9	30,587	78.7	3,126	72.6	15,981	86.7	65,278	77.8
	FULL-COMB	159	70.4	134	70.9	60	83.3	14	71.4	367	72.8
	TOTAL	28,567	66.7	32,703	78.2	5,002	72.1	19,741	86.6	86,013	76.0
FLAT BED	SINGLE-UNIT	9,802	57.3	423	58.2	695	61.0	2,145	81.8	13,065	61.5
	SEMI-COMB	8,534	64.2	11,397	68.6	1,644	67.0	4,693	73.9	26,268	68.0
	FULL-COMB	585	75.2	175	78.3	118	72.9	33	54.5	911	74.8
	TOTAL	18,921	60.9	11,995	68.4	2,457	65.6	6,871	76.3	40,244	66.1
OTHER	SINGLE-UNIT	37,610	32.9	1,568	34.8	2,152	45.4	17,794	89.2	59,124	50.3
	SEMI-COMB	1,732	64.7	862	70.3	909	77.8	659	93.0	4,162	73.2
	FULL-COMB	490	54.7	63	77.8	145	69.0	14	78.6	712	60.1
	TOTAL	39,832	34.5	2,493	48.2	3,206	55.6	18,467	89.3	63,998	51.9
TOTAL	SINGLE-UNIT	70,852	46.2	4,953	56.3	5,798	57.7	25,205	86.9	106,808	56.9
	SEMI-COMB	39,255	64.4	62,010	73.5	8,572	69.4	27,235	82.5	137,072	72.4
	FULL-COMB	1,945	65.9	1,039	65.8	594	71.2	112	58.0	3,690	66.5
	TOTAL	112,052	52.9	68,002	72.1	14,964	65.0	52,552	84.6	247,570	65.6

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**TOTAL ROADS  
DATA YEAR 1976**

Table 12D

BODY TYPE GROUP AND TRUCK TYPE		CLASS OF OPERATIONS									
		PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LIVESTOCK	SINGLE-UNIT	703	56.0	26	80.8	25	72.0	29	65.5	783	57.7
	SEMI-COMB	541	52.9	565	56.6	274	58.0	205	84.9	1,585	59.2
	FULL-COMB	43	81.4	28	57.1	13	76.9	6	83.3	90	73.3
	TOTAL	1,287	55.6	619	57.7	312	59.9	240	82.5	2,458	59.3
HOPPER	SINGLE-UNIT	880	54.5	41	68.3	26	65.4	43	67.4	990	56.0
	SEMI-COMB	1,562	61.6	1,462	58.8	522	59.0	114	51.8	3,660	59.8
	FULL-COMB	41	48.8	34	61.8	8	62.5	-	0.0	83	55.4
	TOTAL	2,483	58.9	1,537	59.1	556	59.4	157	56.1	4,733	58.9
DUMP TRUCK	SINGLE-UNIT	3,997	45.5	396	54.3	562	41.6	593	90.4	5,548	50.6
	SEMI-COMB	2,058	54.3	757	54.6	312	49.7	724	93.9	3,851	61.4
	FULL-COMB	170	66.5	38	63.2	104	62.5	15	40.0	327	63.6
	TOTAL	6,225	49.0	1,191	54.7	978	46.4	1,332	91.7	9,726	55.3
REFRIGERATED VAN	SINGLE-UNIT	3,354	77.1	253	77.1	161	74.5	76	65.8	3,844	76.8
	SEMI-COMB	4,206	69.2	6,247	78.8	798	79.3	472	77.5	11,723	75.4
	FULL-COMB	20	65.0	18	66.7	6	83.3	-	0.0	44	68.2
	TOTAL	7,580	72.7	6,518	78.7	965	78.5	548	75.9	15,611	75.7
NON-PETROLEUM TANKER	SINGLE-UNIT	585	62.9	68	60.3	101	62.4	13	53.8	767	62.5
	SEMI-COMB	1,743	53.8	2,195	53.5	266	63.9	144	56.9	4,348	54.3
	FULL-COMB	82	42.7	107	50.5	38	42.1	-	0.0	227	46.3
	TOTAL	2,410	55.6	2,370	53.5	405	61.5	157	56.7	5,342	55.2
PETROLEUM TANKER	SINGLE-UNIT	874	73.0	69	73.9	27	81.5	243	93.8	1,213	77.4
	SEMI-COMB	2,318	54.6	1,929	56.2	217	62.7	2,559	95.9	7,023	70.4
	FULL-COMB	244	61.1	369	65.9	62	66.1	10	80.0	685	64.4
	TOTAL	3,436	59.7	2,367	58.3	306	65.0	2,812	95.7	8,921	70.9
AUTO CARRIER	SINGLE-UNIT	75	53.3	8	62.5	6	50.0	48	97.9	137	69.3
	SEMI-COMB	315	59.0	1,580	64.7	49	71.4	421	95.2	2,365	69.5
	FULL-COMB	5	60.0	43	69.8	3	66.7	1	100.0	52	69.2
	TOTAL	395	58.0	1,631	64.8	58	69.0	470	95.5	2,554	69.5
VAN	SINGLE-UNIT	12,947	65.4	1,981	71.6	1,567	71.7	3,399	93.9	19,894	71.3
	SEMI-COMB	15,432	67.7	27,977	79.3	2,635	72.2	14,837	97.0	60,881	80.4
	FULL-COMB	106	73.6	93	76.3	22	50.0	14	85.7	235	73.2
	TOTAL	28,485	66.6	30,051	78.8	4,224	71.9	18,250	96.4	81,010	78.1
FLAT BED	SINGLE-UNIT	9,862	58.6	365	64.4	503	61.8	1,838	91.5	12,568	63.7
	SEMI-COMB	7,955	62.0	9,653	68.4	1,249	66.9	4,187	94.8	23,044	70.9
	FULL-COMB	452	73.7	170	77.6	99	66.7	27	70.4	748	73.5
	TOTAL	18,269	60.5	10,188	68.4	1,851	65.5	6,052	93.7	36,360	68.5
OTHER	SINGLE-UNIT	37,066	38.8	1,262	36.3	947	48.5	17,460	90.6	56,735	54.9
	SEMI-COMB	1,536	64.3	563	70.7	1,065	76.6	702	98.3	3,866	74.8
	FULL-COMB	135	63.7	38	75.3	98	51.0	40	50.0	311	59.5
	TOTAL	38,737	39.9	1,863	47.5	2,110	62.8	18,202	90.8	60,912	56.2
TOTAL	SINGLE-UNIT	70,343	49.7	4,469	59.7	3,925	60.4	23,742	91.0	102,479	60.1
	SEMI-COMB	37,666	63.8	52,928	73.7	7,387	69.7	24,365	95.5	122,346	74.7
	FULL-COMB	1,298	66.6	938	67.4	453	59.8	113	62.8	2,802	65.6
	TOTAL	109,307	54.8	58,335	72.5	11,765	66.2	48,220	93.2	227,627	68.0

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

**PERCENT CARRYING LOADS BY TRUCK AND BODY TYPES AND CLASS OF OPERATION**

**TOTAL ROADS  
DATA YEAR 1975**

Table 12E

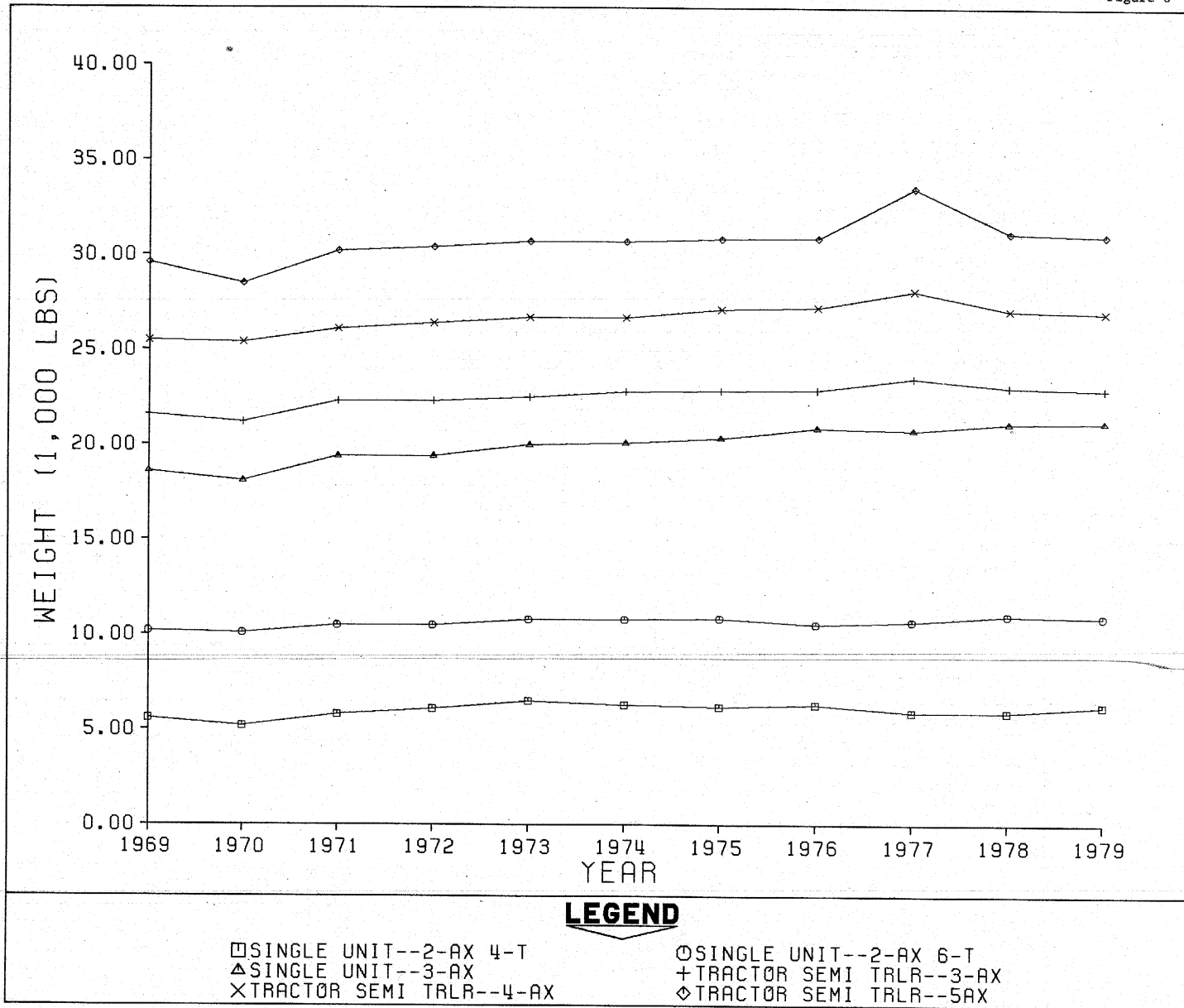
BODY TYPE GROUP AND TRUCK TYPE	CLASS OF OPERATIONS									
	PRIVATE		I.C.C. REGULATED		OTHER FOR HIRE		UNKNOWN AND OTHER		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
<b>LIVESTOCK</b>										
SINGLE-UNIT	966	51.1	67	65.7	43	69.8	28	67.9	1,104	53.2
SEMI-COMB	595	49.9	1,203	54.5	331	56.8	120	77.5	2,249	54.9
FULL-COMB	107	71.0	38	65.8	10	70.0	2	50.0	157	69.4
<b>TOTAL</b>	<b>1,668</b>	<b>52.0</b>	<b>1,308</b>	<b>55.4</b>	<b>384</b>	<b>58.6</b>	<b>150</b>	<b>75.3</b>	<b>3,510</b>	<b>55.0</b>
<b>HOPPER</b>										
SINGLE-UNIT	994	54.8	155	57.4	73	57.5	44	65.9	1,266	55.7
SEMI-COMB	1,426	59.4	2,903	60.8	725	55.0	115	52.2	5,169	60.8
FULL-COMB	57	56.1	44	63.6	12	66.7	-	0.0	113	60.2
<b>TOTAL</b>	<b>2,477</b>	<b>57.5</b>	<b>3,102</b>	<b>60.7</b>	<b>810</b>	<b>64.3</b>	<b>159</b>	<b>56.0</b>	<b>6,548</b>	<b>59.8</b>
<b>DUMP TRUCK</b>										
SINGLE-UNIT	4,151	44.4	534	52.1	697	47.1	271	84.5	5,653	47.4
SEMI-COMB	2,054	55.0	821	52.4	271	55.7	198	80.3	3,344	55.9
FULL-COMB	187	63.1	40	65.0	120	60.8	15	40.0	362	61.6
<b>TOTAL</b>	<b>6,392</b>	<b>48.4</b>	<b>1,395</b>	<b>52.6</b>	<b>1,088</b>	<b>50.7</b>	<b>484</b>	<b>81.4</b>	<b>9,359</b>	<b>51.0</b>
<b>REFRIGERATED VAN</b>										
SINGLE-UNIT	3,512	76.8	387	78.8	218	74.8	74	67.6	4,191	76.7
SEMI-COMB	4,544	68.9	9,413	78.3	860	78.4	473	77.0	15,290	75.5
FULL-COMB	18	61.1	21	71.4	6	83.3	-	0.0	45	68.9
<b>TOTAL</b>	<b>8,074</b>	<b>72.3</b>	<b>9,821</b>	<b>78.3</b>	<b>1,084</b>	<b>77.7</b>	<b>547</b>	<b>75.7</b>	<b>19,526</b>	<b>75.7</b>
<b>NON-PETROLEUM TANKER</b>										
SINGLE-UNIT	587	62.0	87	64.4	114	64.0	12	50.0	800	62.4
SEMI-COMB	1,720	51.7	2,814	53.4	385	57.4	142	56.3	5,061	53.2
FULL-COMB	91	46.2	144	59.0	40	57.5	-	0.0	275	54.5
<b>TOTAL</b>	<b>2,398</b>	<b>54.0</b>	<b>3,045</b>	<b>54.0</b>	<b>539</b>	<b>58.8</b>	<b>154</b>	<b>55.8</b>	<b>6,136</b>	<b>54.5</b>
<b>PETROLEUM TANKER</b>										
SINGLE-UNIT	920	73.8	97	71.1	73	71.2	138	94.9	1,228	75.8
SEMI-COMB	2,374	55.1	2,329	57.6	331	56.5	976	92.2	6,010	62.2
FULL-COMB	272	59.2	359	65.2	62	67.7	3	66.7	696	63.1
<b>TOTAL</b>	<b>3,566</b>	<b>60.2</b>	<b>2,785</b>	<b>59.1</b>	<b>466</b>	<b>60.3</b>	<b>1,117</b>	<b>92.5</b>	<b>7,934</b>	<b>64.4</b>
<b>AUTO CARRIER</b>										
SINGLE-UNIT	78	43.6	11	54.5	4	75.0	78	98.7	171	70.2
SEMI-COMB	317	55.5	1,819	63.2	52	65.4	316	94.0	2,504	66.1
FULL-COMB	6	50.0	69	63.8	10	80.0	2	100.0	87	65.5
<b>TOTAL</b>	<b>401</b>	<b>53.1</b>	<b>1,899</b>	<b>63.1</b>	<b>66</b>	<b>68.2</b>	<b>396</b>	<b>94.9</b>	<b>2,762</b>	<b>66.4</b>
<b>VAN</b>										
SINGLE-UNIT	12,691	66.2	2,363	72.5	2,005	72.8	1,641	94.0	18,700	70.1
SEMI-COMB	15,209	67.8	32,319	79.0	2,777	72.6	8,639	95.6	58,944	78.3
FULL-COMB	140	74.3	131	77.1	38	71.1	10	90.0	319	75.5
<b>TOTAL</b>	<b>28,040</b>	<b>67.1</b>	<b>34,813</b>	<b>78.6</b>	<b>4,820</b>	<b>72.6</b>	<b>10,290</b>	<b>95.3</b>	<b>77,963</b>	<b>76.3</b>
<b>FLAT BED</b>										
SINGLE-UNIT	10,874	57.3	528	63.6	660	60.3	891	90.7	12,953	60.0
SEMI-COMB	8,052	60.9	11,653	67.6	1,468	65.5	2,947	93.9	24,120	68.4
FULL-COMB	612	67.8	224	76.8	114	67.5	21	66.7	971	69.8
<b>TOTAL</b>	<b>19,538</b>	<b>59.1</b>	<b>12,405</b>	<b>67.6</b>	<b>2,242</b>	<b>64.0</b>	<b>3,859</b>	<b>93.0</b>	<b>38,044</b>	<b>65.6</b>
<b>OTHER</b>										
SINGLE-UNIT	42,264	39.6	1,743	38.6	1,300	47.5	9,350	88.7	54,657	48.1
SEMI-COMB	1,495	64.9	645	70.7	1,045	76.8	430	97.2	3,615	73.3
FULL-COMB	237	69.6	78	83.3	109	55.0	49	59.2	473	67.4
<b>TOTAL</b>	<b>43,996</b>	<b>40.6</b>	<b>2,466</b>	<b>48.4</b>	<b>2,454</b>	<b>60.3</b>	<b>9,829</b>	<b>88.9</b>	<b>58,745</b>	<b>49.8</b>
<b>TOTAL</b>										
SINGLE-UNIT	77,037	49.3	5,972	59.7	5,187	61.0	12,527	89.3	100,723	55.5
SEMI-COMB	37,786	63.4	65,919	73.0	8,245	69.2	14,356	93.3	126,306	72.2
FULL-COMB	1,727	65.3	1,148	69.3	521	63.3	102	61.8	3,498	66.2
<b>TOTAL</b>	<b>116,550</b>	<b>54.1</b>	<b>73,039</b>	<b>71.8</b>	<b>13,953</b>	<b>65.9</b>	<b>26,985</b>	<b>91.3</b>	<b>230,527</b>	<b>64.8</b>

NUMBER -- NUMBER OF TRUCKS WEIGHED CARRYING A PAYLOAD.  
PERCENT -- PERCENT OF TRUCKS CARRYING A PAYLOAD.

W3

# AVERAGE WEIGHT OF EMPTY TRUCKS DATA YEARS 1969-1979

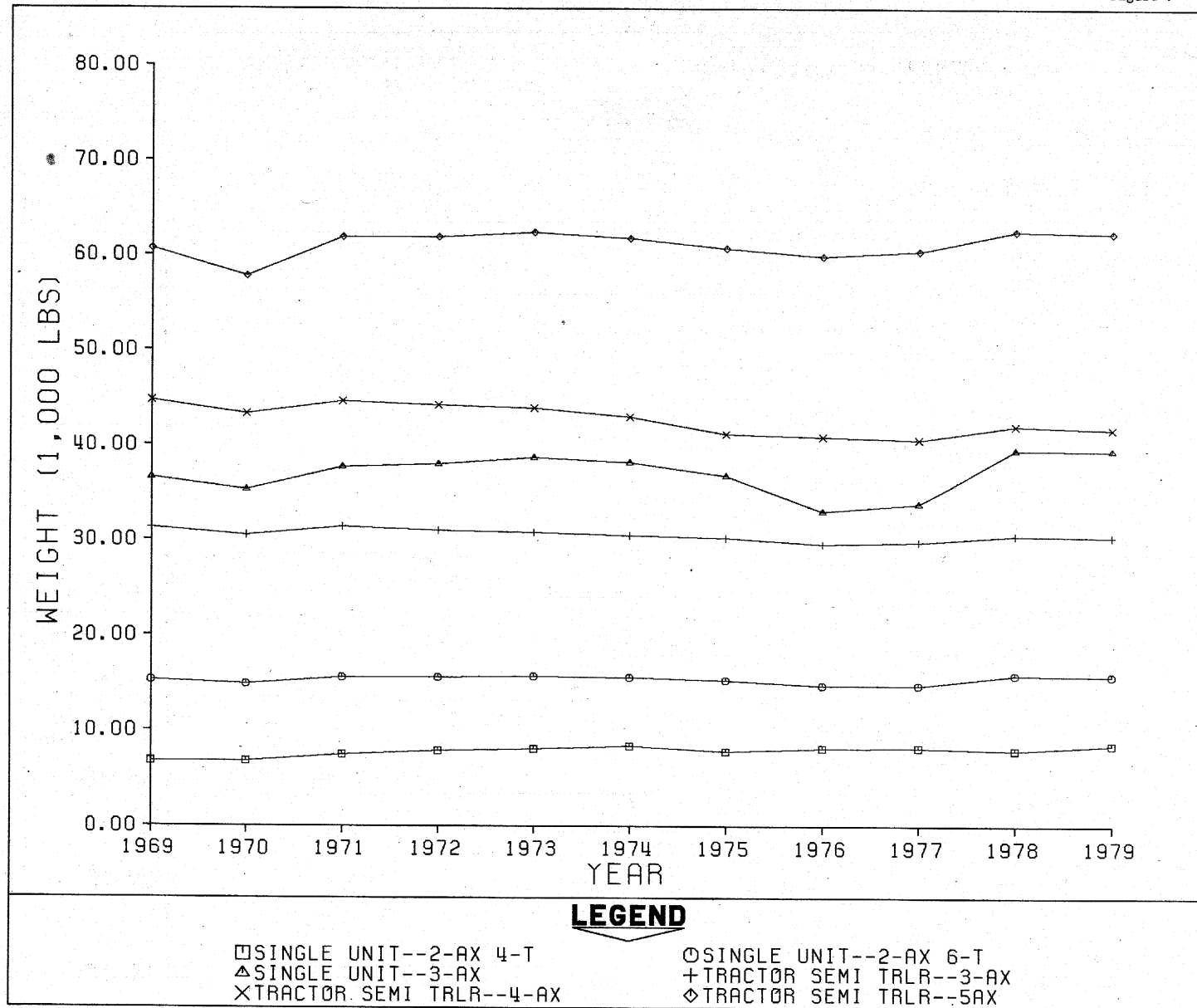
Figure 6



W3

# AVERAGE WEIGHT OF LOADED TRUCKS DATA YEARS 1969-1979

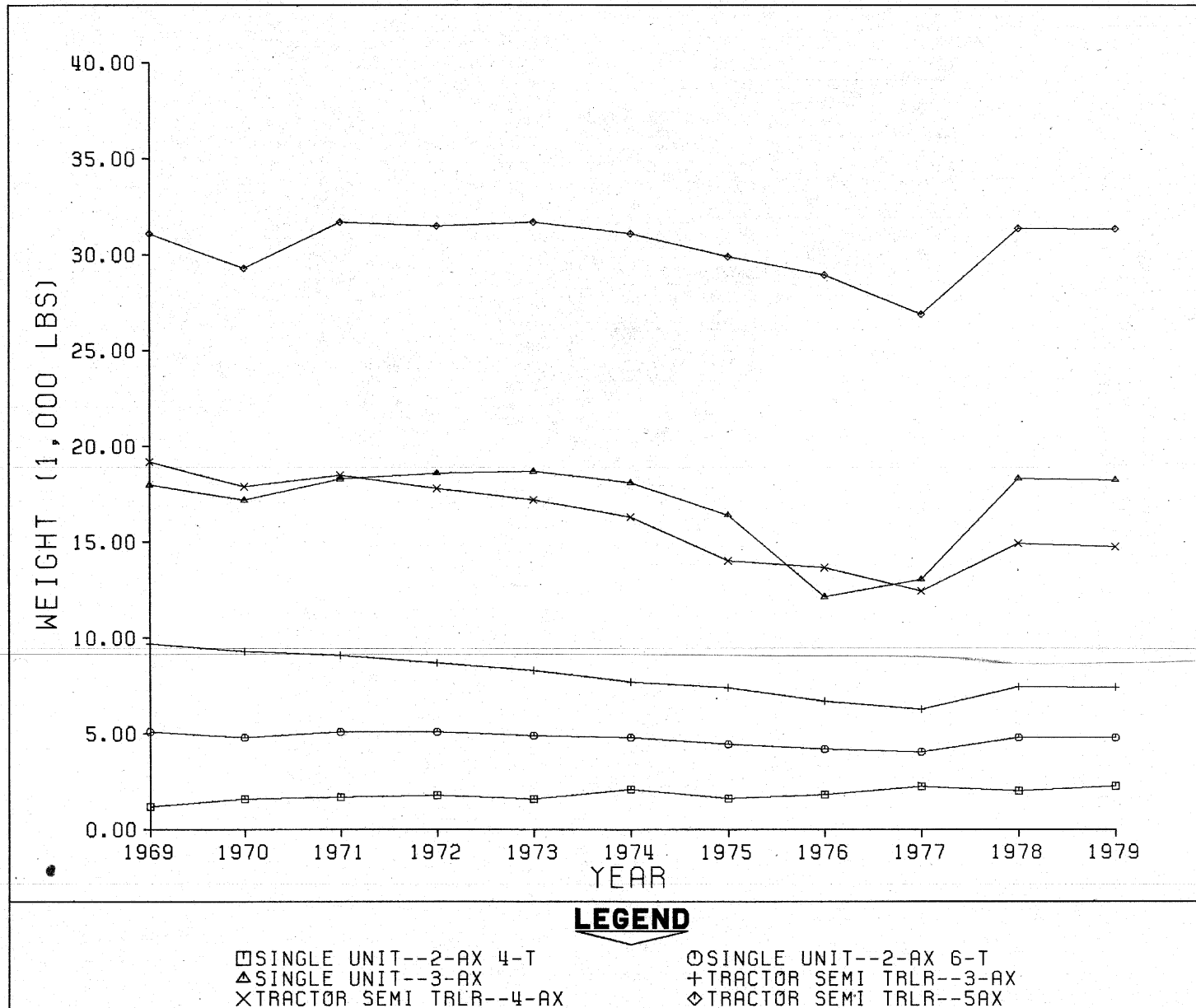
Figure 7





# AVERAGE WEIGHT OF CARRIED LOAD DATA YEARS 1969-1979

Figure 8



### Section III

#### Distribution of Gross Weights on the Vehicle

This series of tables indicates the distribution of the payload upon the various axles of a vehicle and identifies some of the loading trends by gross weight groups. Data are shown for six different vehicle type/body type combinations.



1909 - RURAL CONCRETE ROADS

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

3-AXLE SINGLE UNIT -- VEHICLE TYPE 230000

DATA YEAR 1979

Table 13A

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
UP TO 04K	2,000	1		8	6	6						40.0	30.0	30.0			
04K - 06K	5,300	1		28	24	1						52.8	45.3	1.9			
06K - 08K	7,500	7	.1	31	25	19						41.9	33.1	25.0			
08K - 10K	9,146	24	.5	34	32	25						37.5	35.3	27.2			
10K - 12K	11,160	68	1.4	47	34	30						42.5	30.6	26.9			
12K - 14K	13,228	187	3.9	56	39	37						42.3	29.4	28.3			
14K - 16K	15,115	530	11.1	68	46	37						45.0	30.3	24.8			
16K - 18K	16,894	858	18.0	77	49	43						45.3	29.2	25.5			
18K - 20K	18,861	721	15.2	81	56	52						43.1	29.5	27.4			
20K - 25K	22,183	1,307	27.5	91	67	64						40.8	30.4	28.7			
25K - 30K	27,262	659	13.9	103	86	84						37.8	31.5	30.6			
30K - 35K	31,828	252	5.3	116	102	100						36.6	31.9	31.5			
35K - 40K	36,916	73	1.5	136	115	117						36.9	31.3	31.8			
40K - 45K	41,988	32	.7	134	146	140						32.0	34.7	33.3			
45K - 50K	46,965	17	.4	124	157	189						26.4	33.4	40.2			
50K - 55K	51,725	8	.2	167	157	193						32.3	30.3	37.4			
55K - 60K	56,600	1		100	76	390						17.7	13.4	68.9			
60K - 65K	61,750	2		217	198	203						35.1	32.0	32.9			
65K - 70K	68,750	2		93	194	401						13.5	28.2	58.3			
70K - 75K	70,900	1		171	277	261						24.1	39.1	36.8			
120K OR >	191,033	3	.1	558	718	635						29.2	37.6	33.2			
ALL WGTs	21,205	4,754	100.0	86	65	61						40.8	30.5	28.7			
LOADED VEHICLES																	
04K - 06K	4,600	3	.1	15	15	16						32.6	32.6	34.8			
06K - 08K	7,600	1		26	24	26						34.2	31.6	34.2			
08K - 10K	8,600	2		30	24	33						34.3	27.9	37.8			
10K - 12K	10,830	10	.2	50	30	28						46.2	27.8	26.0			
12K - 14K	13,150	30	.6	49	43	40						37.0	32.9	30.1			
14K - 16K	15,065	55	1.1	56	56	39						37.1	37.1	25.8			
16K - 18K	17,000	113	2.2	65	58	47						38.0	34.1	27.8			
18K - 20K	19,022	133	2.6	71	64	56						37.3	33.6	29.2			
20K - 25K	22,735	484	9.4	85	74	69						37.2	32.6	30.2			
25K - 30K	27,446	615	11.9	93	94	88						33.8	34.1	32.0			
30K - 35K	32,448	620	12.0	99	114	111						30.7	35.2	34.2			
35K - 40K	37,551	686	13.3	108	135	132						28.8	36.1	35.2			
40K - 45K	42,470	841	16.2	118	155	151						27.9	36.6	35.6			
45K - 50K	47,262	683	13.2	139	168	166						29.3	35.5	35.2			
50K - 55K	52,109	315	6.1	143	190	188						27.5	36.4	35.1			
55K - 60K	57,185	144	2.8	146	213	213						25.6	37.2	37.2			
60K - 65K	62,601	127	2.5	155	236	235						24.7	37.8	37.6			
65K - 70K	67,211	83	1.6	159	257	256						23.7	38.2	38.1			
70K - 75K	72,086	63	1.2	157	284	280						21.7	39.4	38.8			
75K - 80K	77,472	58	1.1	150	313	311						19.4	40.4	40.2			
80K - 85K	82,602	58	1.1	149	333	344						18.0	40.4	41.7			
85K - 90K	87,600	31	.6	154	360	362						17.6	41.1	41.3			
90K - 95K	91,956	16	.3	158	379	382						17.2	41.2	41.6			
95K -100K	96,720	5	.1	170	399	399						17.6	41.2	41.2			
ALL WGTs	39,461	5,176	100.0	113	143	139						28.6	36.2	35.2			
OTHER VEHICLES 2/																	
08K - 10K	8,900	1	.6	40	21	28						44.9	23.6	31.5			
10K - 12K	10,933	3	1.8	59	25	25						54.3	22.9	22.9			
12K - 14K	12,850	2	1.2	54	42	33						42.0	32.7	25.3			
14K - 16K	14,720	5	3.0	59	44	44						40.1	29.9	30.0			
16K - 18K	17,075	4	2.4	88	42	41						51.4	24.6	24.0			
18K - 20K	18,808	12	7.3	77	58	53						40.9	30.7	28.3			
20K - 25K	22,681	27	16.5	81	74	72						35.7	32.6	31.7			
25K - 30K	27,307	30	18.3	93	89	91						34.1	32.5	33.3			
30K - 35K	32,597	32	19.5	101	117	109						30.9	35.8	33.3			
35K - 40K	36,781	16	9.8	117	122	129						31.7	33.1	35.1			
40K - 45K	42,354	13	7.9	116	157	151						27.4	37.0	35.6			
45K - 50K	47,000	8	4.9	150	158	162						31.8	33.7	34.5			
50K - 55K	51,663	8	4.9	155	173	189						30.0	33.5	36.6			
55K - 60K	57,000	2	1.2	153	249	169						26.8	43.7	29.6			
75K - 80K	79,000	1	.6	174	319	297						22.0	40.4	37.6			
ALL WGTs	30,677	164	100.0	100	104	102						32.6	34.0	33.4			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

3-AXLE SINGLE UNIT -- VEHICLE TYPE 230000

DATA YEAR 1978

Table 13B

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
04K - 06K	5,300	1		28	24	1						52.8	45.3	1.9			
06K - 08K	7,580	5	.1	30	27	19						39.1	36.1	24.8			
08K - 10K	9,471	21	.4	36	34	25						38.1	35.5	26.4			
10K - 12K	11,089	71	1.5	46	32	32						41.8	29.3	28.9			
12K - 14K	13,210	210	4.4	56	40	36						42.4	30.3	27.3			
14K - 16K	15,127	583	12.2	69	44	38						45.6	29.3	25.1			
16K - 18K	16,927	830	17.4	76	50	44						44.6	29.5	25.9			
18K - 20K	18,851	695	14.6	80	57	52						42.7	30.0	27.3			
20K - 25K	22,097	1,303	27.3	89	67	64						40.3	30.5	29.2			
25K - 30K	27,297	604	12.7	105	85	83						38.5	31.1	30.4			
30K - 35K	31,977	297	6.2	118	101	101						36.8	31.7	31.5			
35K - 40K	37,104	81	1.7	135	117	119						36.3	31.5	32.2			
40K - 45K	41,868	31	.6	136	143	140						32.5	34.1	33.4			
45K - 50K	46,986	22	.5	135	160	175						28.8	34.1	37.2			
50K - 55K	51,440	10	.2	156	165	193						30.4	32.1	37.5			
55K - 60K	56,600	1		100	76	390						17.7	13.4	68.9			
60K - 65K	61,750	2		217	198	203						35.1	32.0	32.9			
65K - 70K	66,850	2		146	156	367						21.8	23.3	54.8			
120K OR >	169,000	1		710	540	440						42.0	32.0	26.0			
ALL WGTs	21,150	4,770	100.0	86	65	61						40.7	30.5	28.8			
LOADED VEHICLES																	
04K - 06K	4,700	2		18	15	15						37.2	30.9	31.9			
06K - 08K	6,700	1		24	21	22						35.8	31.3	32.8			
08K - 10K	8,550	2		32	34	20						36.8	39.8	23.4			
10K - 12K	11,200	11	.2	45	32	35						40.3	28.9	30.8			
12K - 14K	13,080	25	.5	48	45	38						37.0	34.2	28.8			
14K - 16K	15,116	61	1.2	57	54	40						38.0	35.8	26.2			
16K - 18K	16,990	98	1.9	64	56	50						37.5	32.9	29.6			
18K - 20K	19,066	119	2.3	70	64	57						36.9	33.4	29.7			
20K - 25K	22,662	482	9.4	84	74	68						37.1	32.8	30.1			
25K - 30K	27,419	621	12.1	93	93	88						33.9	33.9	32.2			
30K - 35K	32,283	654	12.7	100	113	110						31.1	35.0	33.9			
35K - 40K	37,543	660	12.9	108	135	133						28.8	35.9	35.4			
40K - 45K	42,477	808	15.7	119	155	151						28.1	36.5	35.4			
45K - 50K	47,252	682	13.3	137	169	167						29.0	35.7	35.3			
50K - 55K	52,075	312	6.1	142	190	189						27.2	36.5	36.3			
55K - 60K	57,114	158	3.1	146	211	213						25.6	37.0	37.4			
60K - 65K	62,505	132	2.6	153	237	236						24.4	37.9	37.7			
65K - 70K	66,667	82	1.6	158	254	254						23.7	38.2	38.2			
70K - 75K	71,957	60	1.2	157	282	280						21.8	39.3	38.9			
75K - 80K	77,475	57	1.1	150	313	311						19.4	40.4	40.2			
80K - 85K	82,682	55	1.1	150	338	339						18.1	40.9	41.0			
85K - 90K	87,600	31	.6	154	360	362						17.6	41.1	41.3			
90K - 95K	91,956	16	.3	158	379	382						17.2	41.2	41.6			
95K - 100K	96,720	5	.1	170	399	399						17.6	41.2	41.2			
ALL WGTs	39,476	5,134	100.0	113	143	139						28.6	36.1	35.3			
OTHER VEHICLES 2/																	
10K - 12K	11,100	4	1.8	53	31	27						47.7	28.2	24.1			
12K - 14K	13,500	1	.4	64	36	35						47.4	26.7	25.9			
14K - 16K	15,200	9	4.0	66	49	36						43.6	32.5	23.9			
16K - 18K	17,514	7	3.1	83	47	45						47.3	26.8	25.9			
18K - 20K	18,679	14	6.3	86	53	48						45.8	28.6	25.7			
20K - 25K	22,758	38	17.0	84	72	72						37.0	31.4	31.5			
25K - 30K	27,102	50	22.4	91	92	88						33.5	34.0	32.4			
30K - 35K	32,506	31	13.9	100	111	113						30.9	34.3	34.9			
35K - 40K	36,668	22	9.9	113	129	124						30.9	35.3	33.8			
40K - 45K	41,606	18	8.1	124	148	144						29.9	35.5	34.6			
45K - 50K	47,472	18	8.1	149	164	162						31.5	34.5	34.0			
50K - 55K	52,200	9	4.0	154	182	186						29.5	34.8	35.7			
55K - 60K	58,500	1	.4	126	306	153						21.5	52.3	26.2			
75K - 80K	79,000	1	.4	174	319	297						22.0	40.4	37.6			
ALL WGTs	30,600	223	100.0	101	104	101						33.1	34.0	32.9			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

3-AXLE SINGLE UNIT -- VEHICLE TYPE 230000

DATA YEAR 1977

Table 13C

EMPTY VEHICLES																
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT					
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)
06K - 08K	7,275	4	.1	24	34	15						33.0	46.7	20.3		
08K - 10K	9,404	25	.5	38	32	24						40.8	33.8	25.4		
10K - 12K	10,988	78	1.6	45	40	25						40.6	36.3	23.1		
12K - 14K	13,169	237	4.9	56	39	36						42.8	29.5	27.7		
14K - 16K	15,102	621	12.9	68	44	39						45.0	29.4	25.5		
16K - 18K	16,943	935	19.4	75	49	45						44.5	29.0	26.4		
18K - 20K	18,876	766	15.9	80	57	52						42.2	30.4	27.4		
20K - 25K	22,081	1,192	24.7	88	68	65						39.8	31.0	29.2		
25K - 30K	27,211	538	11.2	104	85	83						38.3	31.2	30.5		
30K - 35K	32,163	243	5.0	114	100	107						35.6	31.2	33.3		
35K - 40K	36,944	105	2.2	125	120	125						33.7	32.5	33.8		
40K - 45K	42,030	40	.8	136	144	140						32.3	34.3	33.3		
45K - 50K	46,791	22	.5	138	167	163						29.4	35.7	34.8		
50K - 55K	51,560	5	.1	167	178	170						32.4	34.6	33.0		
55K - 60K	57,400	2		180	207	188						31.3	36.0	32.8		
60K - 65K	61,967	3	.1	181	224	215						29.2	36.2	34.6		
65K - 70K	66,000	1		170	250	240						25.8	37.9	36.4		
70K - 75K	72,400	1		176	282	266						24.3	39.0	36.7		
75K - 80K	75,300	1		112	321	320						14.9	42.6	42.5		
80K - 85K	81,400	1		324	274	216						39.8	33.7	26.5		
ALL WGTs	20,776	4,820	100.0	84	64	60						40.4	30.7	28.9		
LOADED VEHICLES																
04K - 06K	5,600	1		27	14	15						48.2	25.0	26.8		
06K - 08K	7,144	18	.3	35	18	18						48.7	25.5	25.8		
08K - 10K	9,240	110	1.7	37	28	27						40.4	29.9	29.7		
10K - 12K	10,988	223	3.4	43	34	33						38.9	30.7	30.4		
12K - 14K	12,960	286	4.4	52	40	38						40.1	30.7	29.2		
14K - 16K	14,962	245	3.7	57	48	45						38.2	31.8	30.0		
16K - 18K	16,952	241	3.7	61	56	53						36.1	32.9	31.0		
18K - 20K	18,982	248	3.8	68	63	59						36.0	33.1	30.9		
20K - 25K	22,552	658	10.0	79	76	71						35.0	33.6	31.4		
25K - 30K	27,433	771	11.7	88	93	93						32.3	33.9	33.9		
30K - 35K	32,328	726	11.1	98	114	111						30.3	35.3	34.3		
35K - 40K	37,574	702	10.7	107	136	133						28.4	36.2	35.4		
40K - 45K	42,472	859	13.1	116	156	153						27.3	36.8	35.9		
45K - 50K	47,182	685	10.4	132	172	168						27.9	36.5	35.6		
50K - 55K	52,109	294	4.5	143	190	188						27.4	36.5	36.1		
55K - 60K	56,954	177	2.7	146	211	213						25.6	37.0	37.4		
60K - 65K	62,534	120	1.8	155	234	236						24.8	37.5	37.8		
65K - 70K	66,868	80	1.2	163	253	253						24.4	37.8	37.8		
70K - 75K	72,153	59	.9	164	280	278						22.7	38.8	38.6		
75K - 80K	77,106	34	.5	162	303	306						21.0	39.4	39.7		
80K - 85K	82,328	18	.3	158	333	332						19.2	40.5	40.3		
85K - 90K	86,522	9	.1	163	350	353						18.8	40.4	40.8		
90K - 95K	91,067	3		177	367	367						19.5	40.3	40.3		
120K OR >	127,500	1		112	970	193						8.8	76.1	15.1		
ALL WGTs	33,831	6,568	100.0	99	121	118						29.3	35.8	35.0		
OTHER VEHICLES 2/																
08K - 10K	8,000	1	.5	30	24	26						37.5	30.0	32.5		
10K - 12K	11,700	2	.9	40	44	34						33.8	37.2	29.1		
14K - 16K	15,211	19	9.0	73	44	35						48.3	28.6	23.1		
16K - 18K	16,993	14	6.6	85	46	39						50.1	26.8	23.1		
18K - 20K	18,821	14	6.6	97	48	44						51.4	25.5	23.1		
20K - 25K	22,673	33	15.6	87	69	70						38.6	30.5	30.9		
25K - 30K	27,163	43	20.3	95	91	86						34.9	33.5	31.6		
30K - 35K	32,366	29	13.7	98	111	114						30.4	34.3	35.3		
35K - 40K	36,959	17	8.0	106	134	129						28.7	36.4	34.9		
40K - 45K	41,223	13	6.1	126	144	142						30.5	35.0	34.6		
45K - 50K	47,576	17	8.0	154	162	160						32.4	34.0	33.6		
50K - 55K	52,586	7	3.3	153	186	187						29.0	35.4	35.6		
55K - 60K	57,367	3	1.4	147	242	185						25.6	42.1	32.2		
ALL WGTs	29,197	212	100.0	101	97	94						34.6	33.3	32.1		

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

**3-AXLE SINGLE UNIT -- VEHICLE TYPE 230000**

**DATA YEAR 1976**

Table 13D

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
04K - 06K	4,750	2		26	16	6						54.7	33.7	11.6			
06K - 08K	7,300	4	.1	24	39	10						33.2	52.7	14.0			
08K - 10K	9,125	28	.7	37	32	22						40.2	35.6	24.3			
10K - 12K	11,018	72	1.7	44	41	25						40.1	37.6	22.3			
12K - 14K	13,148	205	4.8	55	39	37						42.0	30.0	28.0			
14K - 16K	15,072	520	12.2	66	45	40						44.0	29.8	26.2			
16K - 18K	16,979	788	18.6	75	49	46						44.2	28.8	27.0			
18K - 20K	18,844	708	16.7	79	57	52						41.8	30.5	27.7			
20K - 25K	22,150	1,026	24.2	89	69	64						40.1	31.0	28.8			
25K - 30K	27,168	508	12.0	104	85	82						38.3	31.5	30.3			
30K - 35K	31,963	223	5.3	117	101	102						36.5	31.5	32.0			
35K - 40K	36,809	90	2.1	130	117	121						35.4	31.7	32.9			
40K - 45K	42,083	40	.9	144	138	139						34.1	32.9	33.0			
45K - 50K	46,825	20	.5	137	171	160						29.4	36.4	34.2			
50K - 55K	51,160	5	.1	165	174	172						32.2	34.1	33.7			
55K - 60K	59,200	1		185	201	206						31.3	34.0	34.8			
60K - 65K	60,300	1		143	229	231						23.7	38.0	38.3			
65K - 70K	66,000	1		170	250	240						25.8	37.9	36.4			
70K - 75K	72,400	1		176	282	266						24.3	39.0	36.7			
80K - 85K	81,400	1		324	274	216						39.8	33.7	26.5			
120K OR >	202,000	1		690	680	650						34.2	33.7	32.2			
ALL WGTs	20,901	4,245	100.0	84	64	60						40.3	30.8	28.8			
LOADED VEHICLES																	
04K - 06K	5,600	1		27	14	15						48.2	25.0	26.8			
06K - 08K	7,241	17	.3	35	19	18						47.9	26.9	25.2			
08K - 10K	9,252	112	1.8	37	27	28						40.2	29.7	30.1			
10K - 12K	10,991	225	3.6	42	34	34						38.7	30.9	30.5			
12K - 14K	12,956	291	4.7	52	40	37						40.5	30.7	28.9			
14K - 16K	14,932	244	3.9	57	47	45						38.3	31.7	29.9			
16K - 18K	16,972	247	4.0	61	57	52						35.7	33.5	30.9			
18K - 20K	18,940	254	4.1	68	64	58						35.8	33.5	30.6			
20K - 25K	22,462	659	10.6	77	76	71						34.4	34.0	31.5			
25K - 30K	27,488	699	11.3	86	95	94						31.4	34.5	34.2			
30K - 35K	32,427	714	11.5	95	115	114						29.3	35.5	35.2			
35K - 40K	37,516	675	10.9	105	137	134						28.0	36.4	35.6			
40K - 45K	42,400	731	11.8	113	158	153						26.7	37.2	36.2			
45K - 50K	47,209	609	9.8	132	171	169						27.9	36.3	35.8			
50K - 55K	52,285	289	4.7	143	191	189						27.4	36.5	36.1			
55K - 60K	56,929	180	2.9	149	209	211						26.2	36.8	37.0			
60K - 65K	62,535	119	1.9	159	233	234						25.4	37.3	37.3			
65K - 70K	67,147	58	.9	170	251	250						25.4	37.4	37.2			
70K - 75K	72,285	46	.7	181	271	270						25.1	37.5	37.4			
75K - 80K	77,195	22	.4	199	287	286						25.8	37.2	37.0			
80K - 85K	81,863	8	.1	185	308	326						22.6	37.6	39.8			
85K - 90K	88,300	3		186	346	351						21.1	39.2	39.7			
120K OR >	127,500	1		112	970	193						8.8	76.1	15.1			
ALL WGTs	33,052	6,204	100.0	97	118	116						29.3	35.8	35.0			
OTHER VEHICLES 2/																	
08K - 10K	8,600	2	1.1	30	28	29						34.9	32.0	33.1			
10K - 12K	11,050	2	1.1	45	31	35						40.7	28.1	31.2			
12K - 14K	12,500	2	1.1	52	60	14						41.2	48.0	10.8			
14K - 16K	15,160	15	8.4	75	43	34						49.2	28.5	22.3			
16K - 18K	16,869	16	9.0	90	45	34						53.2	26.6	20.2			
18K - 20K	18,892	12	6.7	96	49	44						51.0	25.7	23.2			
20K - 25K	22,518	28	15.7	82	75	68						36.2	33.5	30.3			
25K - 30K	27,575	32	18.0	92	96	89						33.2	34.7	32.1			
30K - 35K	32,276	25	14.0	96	118	108						29.8	36.6	33.6			
35K - 40K	37,308	12	6.7	106	132	136						28.3	35.3	36.4			
40K - 45K	41,943	14	7.9	117	154	148						27.9	36.8	35.3			
45K - 50K	47,709	11	6.2	149	165	163						31.2	34.5	34.3			
50K - 55K	51,300	4	2.2	164	173	176						32.0	33.8	34.3			
55K - 60K	56,800	2	1.1	158	210	201						27.7	36.9	35.4			
60K - 65K	63,500	1	.6	120	249	266						18.9	39.2	41.9			
ALL WGTs	28,371	178	100.0	97	97	90						34.1	34.1	31.8			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 3-AXLE SINGLE UNIT -- VEHICLE TYPE 230000

DATA YEAR 1975

Table 13E

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
04K - 06K	5,250	2		25	21	7						47.6	40.0	12.4			
06K - 08K	7,100	2		31	33	8						43.7	45.8	10.6			
08K - 10K	9,172	25	.5	37	37	17						40.8	40.8	18.4			
10K - 12K	11,104	93	1.9	45	38	29						40.9	34.3	24.8			
12K - 14K	13,076	266	5.5	54	41	36						41.1	31.1	27.8			
14K - 16K	15,050	671	14.0	67	45	38						44.7	30.0	25.3			
16K - 18K	16,923	952	19.8	75	50	45						44.3	29.4	26.3			
18K - 20K	18,844	812	16.9	79	57	52						41.9	30.5	27.6			
20K - 25K	22,135	1,120	23.3	89	68	64						40.4	30.8	28.8			
25K - 30K	27,177	498	10.4	104	85	82						38.4	31.4	30.2			
30K - 35K	32,094	217	4.5	118	101	101						36.9	31.5	31.6			
35K - 40K	36,850	82	1.7	132	116	120						35.9	31.6	32.6			
40K - 45K	42,074	34	.7	140	138	143						33.3	32.8	33.9			
45K - 50K	46,629	21	.4	140	177	149						30.0	38.0	32.0			
50K - 55K	51,650	2		164	176	178						31.7	34.0	34.4			
55K - 60K	57,100	3	.1	240	182	149						42.1	31.8	26.1			
60K - 65K	61,550	2		142	239	236						23.0	38.7	38.3			
120K OR >	215,000	2		760	700	690						35.3	32.6	32.1			
ALL WGTs	20,363	4,804	100.0	83	63	58						40.8	30.8	28.4			
LOADED VEHICLES																	
06K - 08K	7,200	2		32	31	10						43.8	42.4	13.9			
08K - 10K	9,113	15	.3	32	31	28						34.8	34.5	30.7			
10K - 12K	10,966	41	.8	42	36	32						38.4	32.5	29.1			
12K - 14K	13,057	65	1.2	56	41	33						42.9	31.7	25.4			
14K - 16K	14,896	109	2.1	62	47	39						41.8	31.7	26.4			
16K - 18K	17,084	132	2.5	64	56	50						37.6	32.9	29.4			
18K - 20K	18,965	175	3.3	69	64	57						36.6	33.6	29.8			
20K - 25K	22,475	542	10.4	79	77	68						35.4	34.3	30.4			
25K - 30K	27,561	596	11.4	88	97	90						32.0	35.2	32.8			
30K - 35K	32,488	680	13.0	95	117	113						29.3	36.0	34.7			
35K - 40K	37,482	714	13.7	105	136	134						28.1	36.3	35.7			
40K - 45K	42,448	798	15.3	119	155	150						28.0	36.6	35.4			
45K - 50K	47,257	631	12.1	137	170	166						29.0	35.9	35.1			
50K - 55K	52,164	307	5.9	148	188	186						28.3	36.1	35.6			
55K - 60K	56,990	187	3.6	147	213	210						25.7	37.4	36.9			
60K - 65K	62,467	95	1.8	163	232	229						26.1	37.2	36.7			
65K - 70K	67,134	64	1.2	164	257	250						24.4	38.3	37.3			
70K - 75K	72,118	44	.8	178	270	273						24.7	37.4	37.9			
75K - 80K	76,793	15	.3	203	286	280						26.4	37.2	36.4			
80K - 85K	81,750	8	.2	190	307	320						23.3	37.6	39.2			
85K - 90K	85,650	4	.1	212	337	309						24.7	39.3	36.0			
120K OR >	127,500	1		112	970	193						8.8	76.1	15.1			
ALL WGTs	36,776	5,225	100.0	108	133	128						29.3	36.1	34.7			
OTHER VEHICLES 2/																	
10K - 12K	10,900	2	1.1	55	29	26						50.0	26.1	23.9			
12K - 14K	12,467	3	1.6	51	53	21						40.9	42.2	16.8			
14K - 16K	14,980	10	5.3	72	46	32						48.1	30.7	21.2			
16K - 18K	16,900	14	7.4	87	44	38						51.6	26.0	22.4			
18K - 20K	18,313	8	4.2	82	54	47						44.8	29.3	25.9			
20K - 25K	22,572	32	16.8	81	76	69						36.1	33.5	30.4			
25K - 30K	27,555	33	17.4	91	96	89						33.1	34.8	32.1			
30K - 35K	32,294	35	18.4	104	116	103						32.1	35.9	32.0			
35K - 40K	37,175	12	6.3	111	129	132						29.8	34.6	35.6			
40K - 45K	41,829	17	8.9	122	153	144						29.1	36.5	34.4			
45K - 50K	47,773	11	5.8	167	156	155						35.0	32.7	32.4			
50K - 55K	50,667	6	3.2	186	158	163						36.6	31.1	32.2			
55K - 60K	56,350	4	2.1	145	208	212						25.6	36.8	37.5			
60K - 65K	63,500	1	.5	120	249	266						18.9	39.2	41.9			
65K - 70K	68,100	1	.5	206	237	238						30.2	34.8	34.9			
75K - 80K	78,200	1	.5	218	279	285						27.9	35.7	36.4			
ALL WGTs	30,399	190	100.0	103	104	97						33.9	34.2	31.9			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER VEHICLE TYPE 321000 DATA YEAR 1979

Table 14A

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
06K - 08K	7,133	3	.2	27	27	17						38.3	37.9	23.8			
08K - 10K	9,420	5	.4	32	34	28						34.0	36.5	29.5			
10K - 12K	11,233	9	.7	41	49	22						36.9	43.6	19.5			
12K - 14K	13,213	8	.6	40	47	45						30.6	35.7	33.8			
14K - 16K	15,313	38	3.0	48	55	50						31.5	35.6	32.9			
16K - 18K	17,101	103	8.1	58	63	49						34.0	37.1	28.9			
18K - 20K	19,037	161	12.6	64	71	55						33.5	37.4	29.1			
20K - 25K	22,509	531	41.6	77	84	64						34.1	37.3	28.6			
25K - 30K	26,859	360	28.2	86	100	82						32.0	37.3	30.7			
30K - 35K	31,961	41	3.2	91	127	102						28.4	39.7	32.0			
35K - 40K	37,173	15	1.2	91	147	134						24.4	39.4	36.2			
40K - 45K	42,050	2	.2	87	146	188						20.7	34.6	44.7			
ALL WGT'S	22,929	1,276	100.0	75	86	68						32.8	37.4	29.8			
LOADED VEHICLES																	
08K - 10K	8,950	6	.2	26	39	25						28.9	43.4	27.7			
10K - 12K	10,767	3	.1	30	48	30						27.6	44.3	28.2			
12K - 14K	13,350	4	.1	42	57	36						31.1	42.3	26.6			
14K - 16K	15,275	12	.4	51	52	50						33.7	33.8	32.5			
16K - 18K	17,004	53	1.8	52	64	54						30.7	37.4	31.9			
18K - 20K	18,992	114	3.9	58	74	58						30.7	38.9	30.4			
20K - 25K	22,748	512	17.4	69	90	68						30.4	39.6	30.1			
25K - 30K	27,358	776	26.3	77	111	86						29.0	40.4	31.6			
30K - 35K	32,356	720	24.4	83	131	109						25.7	40.5	33.8			
35K - 40K	37,133	467	15.8	85	150	136						23.0	40.4	36.6			
40K - 45K	41,987	196	6.6	88	170	161						21.1	40.5	38.4			
45K - 50K	46,813	68	2.3	93	194	181						19.9	41.5	38.6			
50K - 55K	52,514	7	.2	110	228	188						20.9	43.4	35.7			
55K - 60K	55,800	4	.1	108	222	229						19.3	39.7	41.0			
60K - 65K	63,000	4	.1	128	239	264						20.2	37.9	41.9			
95K - 100K	96,800	1		692	140	136						71.5	14.5	14.0			
100K - 105K	100,200	1		82	143	777						8.2	14.3	77.5			
120K OR >	170,100	1		81	810	810						4.8	47.6	47.6			
ALL WGT'S	30,358	2,949	100.0	78	122	103						25.8	40.3	33.9			
OTHER VEHICLES 2/																	
08K - 10K	9,300	1	5.0	41	25	27						44.1	26.9	29.0			
18K - 20K	18,500	1	5.0	59	74	56						31.2	39.2	29.6			
20K - 25K	22,380	5	25.0	67	98	58						30.0	44.0	26.0			
25K - 30K	26,650	4	20.0	74	110	83						27.6	41.2	31.2			
30K - 35K	32,120	5	25.0	70	144	107						21.7	44.9	33.4			
35K - 40K	36,900	4	20.0	105	131	133						28.5	35.4	36.1			
ALL WGT'S	27,745	20	100.0	75	114	89						27.0	41.0	32.0			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER VEHICLE TYPE 321000 DATA YEAR 1977

Table 14C

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
08K - 10K	9,175	4	.3	31	31	29						34.1	34.1	31.9			
10K - 12K	11,600	5	.4	39	59	18						33.3	51.0	15.7			
12K - 14K	13,200	10	.7	43	48	41						32.7	36.6	30.7			
14K - 16K	15,074	39	2.8	47	58	45						31.4	38.7	29.9			
16K - 18K	17,013	104	7.4	55	64	51						32.3	37.9	29.8			
18K - 20K	18,943	161	11.4	63	71	55						33.4	37.3	29.3			
20K - 25K	22,460	605	43.0	75	84	66						33.2	37.4	29.3			
25K - 30K	26,897	359	25.5	84	101	85						31.1	37.5	31.4			
30K - 35K	32,121	76	5.4	89	126	107						27.7	39.1	33.2			
35K - 40K	37,000	30	2.1	85	142	143						22.9	38.4	38.8			
40K - 45K	41,457	7	.5	95	178	142						22.9	42.9	34.2			
45K - 50K	46,633	3	.2	91	198	178						19.5	42.4	38.1			
50K - 55K	52,600	2	.1	111	205	211						21.0	38.9	40.1			
55K - 60K	56,900	1	.1	47	313	209						8.3	55.0	36.7			
75K - 80K	78,300	1	.1	590	117	76						75.4	14.9	9.7			
ALL WGTs	23,525	1,407	100.0	74	89	72						31.7	37.7	30.6			
LOADED VEHICLES																	
06K - 08K	7,500	1		26	27	22						34.7	36.0	29.3			
08K - 10K	9,350	2	.1	48	21	25						51.3	21.9	26.7			
10K - 12K	11,006	16	.5	35	46	29						31.9	41.9	26.2			
12K - 14K	12,873	15	.4	44	55	29						34.1	43.0	22.9			
14K - 16K	15,009	35	1.0	55	56	40						36.4	37.0	26.6			
16K - 18K	17,051	80	2.3	53	67	51						31.1	39.2	29.7			
18K - 20K	19,092	152	4.4	58	75	58						30.4	39.4	30.2			
20K - 25K	22,666	700	20.1	67	90	69						29.8	39.9	30.4			
25K - 30K	27,441	861	24.7	76	111	88						27.5	40.4	32.0			
30K - 35K	32,284	764	21.9	80	132	111						24.8	40.8	34.4			
35K - 40K	37,224	517	14.8	84	151	137						22.6	40.6	36.8			
40K - 45K	42,043	244	7.0	93	168	160						22.1	40.0	38.0			
45K - 50K	46,956	80	2.3	98	189	182						21.0	40.2	38.9			
50K - 55K	52,110	10	.3	99	222	200						19.1	42.6	38.4			
55K - 60K	56,857	7	.2	129	227	212						22.7	40.0	37.3			
60K - 65K	60,850	2	.1	110	237	262						18.1	38.9	43.0			
70K - 75K	72,500	2	.1	112	305	309						15.4	42.0	42.6			
85K - 90K	88,950	2	.1	64	99	727						7.1	11.1	81.7			
90K - 95K	92,700	1	.1	83	122	722						9.0	13.2	77.9			
ALL WGTs	29,808	3,491	100.0	76	120	102						25.6	40.3	34.1			
OTHER VEHICLES 2/																	
20K - 25K	22,050	4	25.0	67	84	70						30.4	38.1	31.5			
25K - 30K	27,040	5	31.3	84	107	80						30.9	39.5	29.6			
30K - 35K	31,300	6	37.5	70	124	120						22.2	39.6	38.2			
35K - 40K	35,100	1	6.3	52	160	139						14.8	45.6	39.6			
ALL WGTs	27,894	16	100.0	72	111	96						25.9	39.7	34.4			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER VEHICLE TYPE 321000 DATA YEAR 1976

Table 14D

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
06K - 08K	6,100	1	.1	26	23	12						42.6	37.7	19.7			
08K - 10K	8,900	1	.1	35	33	21						39.3	37.1	23.6			
10K - 12K	11,150	4	.3	44	46	22						39.5	41.0	19.5			
12K - 14K	13,083	18	1.3	45	48	38						34.1	37.0	28.9			
14K - 16K	15,079	53	3.8	52	55	44						34.5	36.4	29.0			
16K - 18K	17,007	116	8.3	54	64	52						31.5	37.9	30.6			
18K - 20K	18,997	154	11.0	63	72	55						33.3	37.8	28.9			
20K - 25K	22,505	645	45.9	75	84	66						33.3	37.2	29.5			
25K - 30K	26,842	324	23.1	85	99	85						31.5	36.9	31.5			
30K - 35K	31,657	69	4.9	94	117	105						29.8	37.1	33.1			
35K - 40K	37,100	14	1.0	89	147	136						23.9	39.6	36.6			
40K - 45K	41,567	3	.2	82	186	148						19.8	44.7	35.5			
45K - 50K	45,300	1	.1	126	189	138						27.8	41.7	30.5			
50K - 55K	53,600	1	.1	116	206	214						21.6	38.4	39.9			
55K - 60K	56,400	1	.1	189	200	175						33.5	35.5	31.0			
ALL WGTs	22,910	1,405	100.0	74	85	70						32.3	37.3	30.5			
LOADED VEHICLES																	
06K - 08K	7,650	2	.1	25	28	24						32.7	35.9	31.4			
08K - 10K	8,933	6	.2	36	32	22						39.7	35.4	24.8			
10K - 12K	11,050	18	.5	34	44	32						31.1	39.8	29.1			
12K - 14K	12,873	22	.6	39	57	32						30.4	44.5	25.1			
14K - 16K	15,026	38	1.0	51	56	42						34.2	37.5	28.3			
16K - 18K	17,054	92	2.5	52	65	53						30.7	38.3	31.0			
18K - 20K	19,126	190	5.1	57	76	59						29.6	39.8	30.6			
20K - 25K	22,708	761	20.4	67	90	71						29.3	39.6	31.1			
25K - 30K	27,494	915	24.6	74	111	89						27.0	40.5	32.5			
30K - 35K	32,279	804	21.6	79	131	113						24.5	40.6	34.9			
35K - 40K	37,235	515	13.8	86	151	136						23.0	40.4	36.6			
40K - 45K	42,098	244	6.6	91	170	160						21.5	40.4	38.0			
45K - 50K	46,995	82	2.2	101	189	180						21.5	40.3	38.2			
50K - 55K	51,869	16	.4	97	219	203						18.7	42.1	39.2			
55K - 60K	57,138	8	.2	124	237	211						21.6	41.5	36.9			
60K - 65K	62,200	5	.1	126	236	260						20.3	38.0	41.8			
70K - 75K	72,500	2	.1	112	305	309						15.4	42.0	42.6			
75K - 80K	79,500	1		128	429	238						16.1	54.0	29.9			
85K - 90K	89,400	1		82	108	704						9.2	12.1	78.7			
90K - 95K	92,700	1		83	122	722						9.0	13.2	77.9			
120K OR >	267,000	1		830	950	890						31.1	35.6	33.3			
ALL WGTs	29,616	3,724	100.0	75	119	102						25.4	40.3	34.3			
OTHER VEHICLES 2/																	
10K - 12K	10,500	1	8.3	27	57	21						25.7	54.3	20.0			
12K - 14K	12,000	1	8.3	28	64	28						23.3	53.3	23.3			
20K - 25K	20,650	2	16.7	76	62	69						36.6	30.0	33.4			
25K - 30K	27,675	4	33.3	75	114	89						27.0	41.0	32.0			
30K - 35K	32,350	2	16.7	65	156	104						19.9	48.1	32.0			
35K - 40K	36,800	1	8.3	52	136	180						14.1	37.0	48.9			
50K - 55K	51,200	1	8.3	123	198	191						24.0	38.7	37.3			
ALL WGTs	27,267	12	100.0	67	112	93						24.7	41.1	34.2			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER VEHICLE TYPE 321000

DATA YEAR 1975

Table 14E

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
06K - 08K	6,100	1	.1	26	23	12						42.6	37.7	19.7			
08K - 10K	8,467	3	.2	35	31	19						40.9	36.6	22.4			
10K - 12K	10,978	9	.5	40	43	27						36.7	38.8	24.5			
12K - 14K	13,171	24	1.4	44	50	37						33.6	38.2	28.2			
14K - 16K	15,037	62	3.6	52	55	44						34.3	36.5	29.2			
16K - 18K	17,012	140	8.2	52	66	52						30.7	38.5	30.8			
18K - 20K	19,016	185	10.9	65	70	56						33.9	36.7	29.4			
20K - 25K	22,525	787	46.2	74	85	67						32.8	37.6	29.7			
25K - 30K	26,862	391	22.9	84	100	85						31.1	37.4	31.5			
30K - 35K	31,780	81	4.8	91	118	108						28.7	37.2	34.1			
35K - 40K	37,308	12	.7	92	149	133						24.5	39.8	35.6			
40K - 45K	41,750	4	.2	94	178	145						22.6	42.7	34.7			
45K - 50K	45,650	2	.1	87	190	181						18.9	41.5	39.5			
50K - 55K	53,600	1	.1	116	206	214						21.6	38.4	39.9			
55K - 60K	56,400	1	.1	189	200	175						33.5	35.5	31.0			
60K - 65K	61,300	1	.1	123	245	245						20.1	40.0	40.0			
ALL WGT'S	22,864	1,704	100.0	73	86	70						31.9	37.5	30.6			
LOADED VEHICLES																	
04K - 06K	5,500	1		21	22	12						38.2	40.0	21.8			
06K - 08K	7,325	4	.1	26	27	21						34.8	36.2	29.0			
08K - 10K	8,920	5	.1	38	32	19						43.0	36.1	20.9			
10K - 12K	11,042	12	.3	33	49	28						30.2	44.1	25.7			
12K - 14K	12,944	25	.6	40	55	34						30.8	42.7	26.5			
14K - 16K	14,967	33	.9	46	58	45						31.0	38.6	30.4			
16K - 18K	17,004	89	2.3	51	66	54						29.9	38.6	31.6			
18K - 20K	19,060	169	4.4	56	76	59						29.4	39.9	30.7			
20K - 25K	22,679	689	17.8	66	90	71						29.1	39.8	31.1			
25K - 30K	27,564	936	24.2	75	111	90						27.0	40.4	32.6			
30K - 35K	32,287	869	22.5	79	130	114						24.4	40.4	35.2			
35K - 40K	37,214	610	15.8	84	151	137						22.6	40.7	36.7			
40K - 45K	42,124	288	7.5	89	170	162						21.2	40.4	38.4			
45K - 50K	47,149	97	2.5	98	188	185						20.8	39.9	39.3			
50K - 55K	51,905	22	.6	99	217	203						19.0	41.9	39.1			
55K - 60K	56,140	5	.1	119	228	214						21.2	40.6	38.1			
60K - 65K	62,680	5	.1	121	244	261						19.3	39.0	41.7			
65K - 70K	65,000	1		62	317	271						9.5	48.8	41.7			
70K - 75K	74,600	1		93	323	330						12.5	43.3	44.2			
85K - 90K	89,400	1		82	108	704						9.2	12.1	78.7			
90K - 95K	92,700	1		83	122	722						9.0	13.2	77.9			
120K OR >	267,000	1		830	950	890						31.1	35.6	33.3			
ALL WGT'S	30,274	3,864	100.0	76	122	105						25.0	40.3	34.8			
OTHER VEHICLES 2/																	
10K - 12K	10,500	1	7.7	27	57	21						25.7	54.3	20.0			
12K - 14K	12,000	1	7.7	28	64	28						23.3	53.3	23.3			
20K - 25K	20,667	3	23.1	76	67	63						36.9	32.6	30.5			
25K - 30K	28,725	4	30.8	76	118	94						26.5	40.9	32.6			
30K - 35K	32,700	2	15.4	68	146	113						20.8	44.6	34.6			
35K - 40K	36,800	1	7.7	52	136	180						14.1	37.0	48.9			
50K - 55K	51,200	1	7.7	123	198	191						24.0	38.7	37.3			
ALL WGT'S	27,138	13	100.0	69	109	93						25.5	40.2	34.3			

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 3-AXLE TRACTOR WITH 2-AXLE SEMITRAILER

VEHICLE TYPE 332000

DATA YEAR 1979

Table 15A

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
16K - 18K	17,090	10		63	32	31	22	23				37.0	18.5	17.9	12.9	13.7	
18K - 20K	19,214	59	.2	60	47	33	26	26				31.4	24.5	17.2	13.4	13.5	
20K - 25K	23,528	1,971	7.3	75	49	46	31	33				32.0	20.9	19.7	13.3	14.1	
25K - 30K	27,732	1,993	44.4	85	59	55	39	40				30.5	21.3	19.8	14.0	14.5	
30K - 35K	32,017	8,545	31.6	90	70	65	48	49				28.1	21.7	20.2	14.8	15.2	
35K - 40K	36,978	2,761	10.2	94	81	75	60	60				25.3	21.9	20.4	16.3	16.2	
40K - 45K	42,041	920	3.4	96	93	87	72	72				22.9	22.2	20.6	17.2	17.1	
45K - 50K	47,066	331	1.2	99	103	99	85	84				21.1	22.0	21.0	18.1	17.8	
50K - 55K	51,783	126	.5	103	114	112	96	92				19.8	22.1	21.6	18.6	17.9	
55K - 60K	57,322	73	.3	106	124	120	110	112				18.6	21.6	21.0	19.3	19.6	
60K - 65K	62,539	49	.2	93	132	135	132	133				14.9	21.1	21.6	21.1	21.3	
65K - 70K	67,158	57	.2	98	143	146	140	144				14.5	21.4	21.7	20.9	21.5	
70K - 75K	72,115	61	.2	104	158	159	149	151				14.4	21.8	22.1	20.7	21.0	
75K - 80K	77,346	37	.1	108	174	164	162	165				14.0	22.5	21.2	21.0	21.3	
80K - 85K	81,367	9		99	169	172	179	194				12.2	20.8	21.2	22.0	23.9	
85K - 90K	88,060	5		111	177	160	213	219				12.6	20.1	18.2	24.2	24.9	
90K - 95K	92,975	4		124	204	142	151	309				13.3	21.9	15.2	16.3	33.2	
95K - 100K	99,200	1		688	83	76	88	57				69.4	8.4	7.7	8.9	5.7	
110K-115K	113,733	3		636	107	104	150	140				55.9	9.4	9.2	13.2	12.3	
115K-120K	116,800	2		892	93	72	54	59				76.4	7.9	6.1	4.6	5.0	
120K OR >	181,820	5		255	393	651	314	205				14.0	21.6	35.8	17.2	11.3	
ALL WGTs	31,019	7,022	100.0	87	67	62	46	47				28.2	21.6	20.1	14.9	15.3	
LOADED VEHICLES																	
08K - 10K	9,400	1		24	15	15	20	20				25.5	16.0	16.0	21.3	21.3	
10K - 12K	10,300	1		45	14	14	15	15				43.7	13.6	13.6	14.6	14.6	
12K - 14K	12,467	3		61	21	14	14	14				48.7	17.1	11.2	11.5	11.5	
14K - 16K	14,857	7		88	17	17	13	13				59.5	11.6	11.6	8.6	8.7	
16K - 18K	17,150	6		46	43	32	26	26				26.5	25.0	18.5	15.2	14.9	
18K - 20K	18,867	3		23	47	46	36	36				12.4	25.1	24.6	18.9	19.1	
20K - 25K	23,647	136	.2	72	49	45	35	36				30.3	20.6	19.0	14.8	15.3	
25K - 30K	28,069	1,249	1.7	83	60	55	41	42				29.4	21.4	19.7	14.5	15.0	
30K - 35K	32,708	2,471	3.3	87	72	67	50	51				26.5	22.0	20.6	15.2	15.7	
35K - 40K	37,568	3,522	4.7	89	84	80	60	63				23.6	22.5	21.2	16.1	16.6	
40K - 45K	42,538	4,251	5.7	92	95	91	73	75				21.5	22.4	21.3	17.2	17.5	
45K - 50K	47,505	4,721	6.3	94	107	102	86	87				19.7	22.4	21.5	18.1	18.4	
50K - 55K	52,511	5,413	7.2	95	117	113	100	101				18.0	22.3	21.5	19.0	19.2	
55K - 60K	57,505	6,109	8.1	96	127	124	113	115				16.6	22.1	21.6	19.6	20.1	
60K - 65K	62,552	7,266	9.7	96	139	135	127	129				15.4	22.2	21.5	20.3	20.6	
65K - 70K	67,694	0,820	14.4	97	150	146	141	143				14.4	22.2	21.5	20.8	21.1	
70K - 75K	72,291	5,871	21.1	99	160	155	154	155				13.7	22.1	21.5	21.3	21.4	
75K - 80K	77,149	9,082	12.1	102	170	165	166	168				13.3	22.1	21.4	21.5	21.8	
80K - 85K	81,903	2,702	3.6	104	181	174	178	181				12.7	22.1	21.2	21.8	22.1	
85K - 90K	87,040	821	1.1	106	192	183	194	196				12.2	22.0	21.0	22.2	22.5	
90K - 95K	91,999	296	.4	105	199	191	210	215				11.4	21.6	20.8	22.8	23.3	
95K - 100K	97,380	123	.2	104	208	199	231	232				10.6	21.4	20.4	23.7	23.8	
100K-105K	102,027	73	.1	104	214	204	252	246				10.2	21.0	20.0	24.7	24.1	
105K-110K	107,306	36		102	214	209	280	268				9.5	20.0	19.5	26.1	25.0	
110K-115K	112,339	18		110	249	209	289	266				9.8	22.2	18.6	25.7	23.7	
115K-120K	116,575	12		115	216	236	279	319				9.9	18.5	20.3	24.0	27.4	
120K OR >	163,930	40	.1	328	288	306	347	370				20.0	17.6	18.7	21.2	22.6	
ALL WGTs	62,364	5,053	100.0	97	138	133	127	129				15.5	22.1	21.4	20.3	20.6	
OTHER VEHICLES 2/																	
18K - 20K	19,700	1	.5	41	49	49	29	29				20.8	24.9	24.9	14.7	14.7	
20K - 25K	23,250	2	1.1	88	40	37	36	34				37.6	17.0	15.7	15.3	14.4	
25K - 30K	27,818	11	6.0	84	61	52	40	41				30.3	21.8	18.8	14.4	14.6	
30K - 35K	32,294	16	8.7	92	70	68	47	46				28.4	21.8	21.2	14.4	14.2	
35K - 40K	37,409	23	12.5	91	74	73	67	69				24.2	19.8	19.6	18.0	18.4	
40K - 45K	42,929	17	9.2	92	94	89	79	76				21.5	21.8	20.6	18.4	17.7	
45K - 50K	47,221	19	10.3	94	102	100	88	87				20.0	21.7	21.2	18.6	18.5	
50K - 55K	52,194	18	9.8	94	121	119	97	91				18.0	23.3	22.9	18.5	17.4	
55K - 60K	57,469	16	8.7	101	123	115	116	120				17.5	21.4	20.1	20.2	20.9	
60K - 65K	62,573	11	6.0	89	138	133	136	129				14.3	22.1	21.3	21.7	20.6	
65K - 70K	68,237	19	10.3	101	146	140	147	147				14.8	21.4	20.6	21.6	21.6	
70K - 75K	72,756	16	8.7	97	160	155	155	162				13.3	21.9	21.2	21.3	22.2	
75K - 80K	77,075	12	6.5	102	166	165	170	169				13.2	21.5	21.5	22.0	21.9	
80K - 85K	80,500	2	1.1	97	170	158	193	189				12.0	21.1	19.6	23.9	23.5	
120K OR >	368,200	1	.5	961	381	380	980	980				26.1	10.3	10.3	26.6	26.6	
ALL WGTs	53,469	184	100.0	99	113	110	107	106				18.5	21.2	20.5	19.9	19.9	

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 3-AXLE TRACTOR WITH 2-AXLE SEMITRAILER

VEHICLE TYPE 332000

DATA YEAR 1978

Table 15B

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
14K - 16K	15,300	1		89	16	16	16	16			58.2	10.5	10.5	10.5	10.5		
16K - 18K	17,075	8		65	31	30	22	22			38.1	18.4	17.7	12.7	13.0		
18K - 20K	19,220	49		59	42	36	27	29			30.5	21.8	18.6	14.1	15.0		
20K - 25K	23,606	1,814	6.6	75	50	47	31	34			31.8	21.0	19.7	13.2	14.2		
25K - 30K	27,855	2,502	45.4	84	59	55	39	41			30.2	21.3	19.8	14.0	14.7		
30K - 35K	32,078	8,487	30.8	90	70	65	48	49			27.9	21.7	20.1	14.9	15.3		
35K - 40K	37,018	2,872	10.4	94	80	75	60	60			25.3	21.7	20.4	16.2	16.3		
40K - 45K	41,995	985	3.6	96	93	86	73	72			22.9	22.2	20.4	17.4	17.1		
45K - 50K	47,144	357	1.3	102	103	99	84	83			21.7	21.9	21.0	17.8	17.6		
50K - 55K	52,071	167	.6	100	117	111	98	95			19.2	22.4	21.4	18.8	18.2		
55K - 60K	57,336	72	.3	104	125	121	110	113			18.1	21.8	21.1	19.2	19.7		
60K - 65K	62,080	41	.1	96	131	131	129	135			15.4	21.1	21.0	20.8	21.7		
65K - 70K	67,290	72	.3	100	144	144	141	144			14.9	21.3	21.4	20.9	21.4		
70K - 75K	72,108	61	.2	100	158	152	156	155			13.9	21.8	21.0	21.7	21.6		
75K - 80K	77,069	42	.2	105	164	157	171	173			13.7	21.3	20.4	22.2	22.5		
80K - 85K	81,888	16	.1	105	177	176	178	183			12.8	21.6	21.5	21.7	22.4		
85K - 90K	87,843	7		111	188	179	197	204			12.7	21.4	20.3	22.4	23.2		
90K - 95K	93,700	1		120	177	154	236	250			12.8	18.9	16.4	25.2	26.7		
110K-115K	114,500	1		92	184	187	367	315			8.0	16.1	16.3	32.1	27.5		
120K OR >	277,000	1		870	520	520	430	430			31.4	18.8	18.8	15.5	15.5		
ALL WGTs	31,179	7,556	100.0	87	67	63	47	48			28.0	21.5	20.1	15.0	15.4		
LOADED VEHICLES																	
08K - 10K	9,400	1		24	15	15	20	20			25.5	16.0	16.0	21.3	21.3		
10K - 12K	10,300	1		45	14	14	15	15			43.7	13.6	13.6	14.6	14.6		
12K - 14K	12,467	3		82	11	11	10	10			65.8	9.1	9.1	8.0	8.0		
14K - 16K	15,143	7		92	16	16	14	14			60.8	10.5	10.3	9.2	9.2		
18K - 20K	19,300	3		32	51	42	34	34			16.4	26.3	21.8	17.8	17.8		
20K - 25K	23,688	101	.1	70	51	46	34	35			29.8	21.3	19.6	14.4	14.9		
25K - 30K	28,098	1,078	1.5	82	62	55	41	42			29.0	22.0	19.7	14.5	14.9		
30K - 35K	32,734	2,211	3.0	86	73	67	50	51			26.3	22.3	20.6	15.2	15.7		
35K - 40K	37,557	3,359	4.6	88	85	80	61	62			23.5	22.5	21.3	16.1	16.6		
40K - 45K	42,545	4,134	5.6	91	95	91	73	75			21.4	22.4	21.4	17.2	17.7		
45K - 50K	47,475	4,602	6.3	93	106	102	86	88			19.6	22.3	21.6	18.1	18.5		
50K - 55K	52,491	5,222	7.1	94	116	113	100	101			18.0	22.2	21.6	19.0	19.3		
55K - 60K	57,487	5,964	8.1	96	127	124	113	115			16.6	22.1	21.6	19.7	20.0		
60K - 65K	62,534	7,381	10.0	96	138	135	127	129			15.4	22.1	21.5	20.3	20.6		
65K - 70K	67,703	1,135	15.1	97	149	146	142	143			14.3	22.1	21.6	20.9	21.1		
70K - 75K	72,239	5,901	21.6	98	159	155	154	155			13.6	22.0	21.5	21.4	21.5		
75K - 80K	77,157	8,484	11.5	102	170	165	166	168			13.2	22.1	21.4	21.5	21.8		
80K - 85K	81,910	2,581	3.5	104	180	173	179	182			12.7	22.0	21.2	21.8	22.3		
85K - 90K	87,077	856	1.2	105	188	182	196	199			12.1	21.6	20.9	22.5	22.9		
90K - 95K	92,075	347	.5	105	197	192	211	216			11.4	21.4	20.9	22.9	23.4		
95K - 100K	97,177	136	.2	107	203	199	231	231			11.0	20.9	20.5	23.8	24.8		
100K-105K	102,051	67	.1	105	220	208	244	243			10.3	21.5	20.4	24.0	23.8		
105K-110K	106,994	17		99	230	219	257	265			9.3	21.5	20.5	24.0	24.7		
110K-115K	112,377	13		114	237	241	293	240			10.1	21.1	21.4	26.0	21.3		
115K-120K	116,513	8		105	225	228	297	310			9.0	15.3	19.5	25.5	26.6		
120K OR >	157,472	18		313	301	317	319	324			19.9	19.1	20.1	20.3	20.6		
ALL WGTs	62,562	3,630	100.0	96	138	134	128	129			15.4	22.1	21.4	20.4	20.7		
OTHER VEHICLES 2/																	
18K - 20K	19,700	1	.4	41	49	49	29	29			20.8	24.9	24.9	14.7	14.7		
20K - 25K	23,250	2	.7	88	40	37	36	34			37.6	17.0	15.7	15.3	14.4		
25K - 30K	28,007	14	5.2	81	61	54	42	42			29.0	21.7	19.4	14.9	15.1		
30K - 35K	32,697	35	13.0	88	72	69	49	51			26.8	21.9	21.0	14.8	15.5		
35K - 40K	37,191	34	12.6	89	78	74	66	65			24.0	21.0	19.8	17.7	17.5		
40K - 45K	42,705	21	7.8	91	96	89	77	74			21.4	22.4	20.9	17.9	17.4		
45K - 50K	47,479	28	10.4	91	109	102	88	86			19.1	22.9	21.4	18.5	18.0		
50K - 55K	52,080	25	9.3	94	121	116	95	95			18.0	23.3	22.2	18.3	18.2		
55K - 60K	57,800	22	8.2	99	125	115	119	121			17.1	21.6	19.9	20.5	20.9		
60K - 65K	62,433	15	5.6	94	137	138	131	124			15.0	21.9	22.1	21.1	19.8		
65K - 70K	67,873	33	12.3	98	146	142	147	147			14.4	21.5	20.9	21.6	21.6		
70K - 75K	72,267	21	7.8	95	156	152	159	161			13.2	21.5	21.0	22.0	22.3		
75K - 80K	77,164	14	5.2	105	173	166	165	163			13.6	22.4	21.5	21.4	21.1		
80K - 85K	80,700	1	.4	97	190	190	165	165			12.0	23.5	23.5	20.4	20.4		
85K - 90K	86,950	2	.7	96	163	150	190	272			11.0	18.7	17.3	21.8	31.2		
120K OR >	368,200	1	.4	961	381	380	980	980			26.1	10.3	10.3	26.6	26.6		
ALL WGTs	52,283	269	100.0	96	113	108	103	103			18.3	21.6	20.7	19.7	19.7		

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 3-AXLE TRACTOR WITH 2-AXLE SEMITRAILER

### VEHICLE TYPE 332000

#### DATA YEAR 1977

Table 15C

EMPTY VEHICLES																
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT					
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)
14K - 16K	15,300	1		89	16	16	16	16			58.2	10.5	10.5	10.5	10.5	
16K - 18K	16,933	3		62	36	32	16	22			36.8	21.3	19.1	9.6	13.2	
18K - 20K	19,206	47	.2	60	40	35	27	30			31.3	20.8	18.3	13.9	15.6	
20K - 25K	23,610	2,206	7.6	75	50	46	31	34			31.9	21.1	19.6	13.1	14.3	
25K - 30K	27,662	1,807	40.9	84	59	55	39	41			30.2	21.3	19.8	14.1	14.7	
30K - 35K	32,075	8,205	28.4	89	69	65	48	49			27.8	21.7	20.2	15.0	15.4	
35K - 40K	37,035	2,900	10.0	93	80	76	60	61			25.1	21.5	20.6	16.3	16.5	
40K - 45K	41,981	1,066	3.7	95	93	86	73	73			22.6	22.1	20.5	17.4	17.4	
45K - 50K	47,226	471	1.6	97	106	100	85	85			20.4	22.5	21.1	17.9	18.0	
50K - 55K	52,384	272	.9	93	120	112	99	99			17.8	22.9	21.3	19.0	19.0	
55K - 60K	57,407	259	.9	92	133	121	115	114			16.0	23.1	21.1	20.1	19.8	
60K - 65K	62,427	245	.8	91	143	134	129	128			14.6	22.9	21.4	20.7	20.5	
65K - 70K	67,626	303	1.0	93	154	144	144	141			13.8	22.8	21.3	21.3	20.9	
70K - 75K	72,413	421	1.5	91	165	157	157	154			12.5	22.8	21.7	21.7	21.3	
75K - 80K	77,157	344	1.2	94	177	168	168	164			12.2	23.0	21.8	21.7	21.3	
80K - 85K	82,170	194	.7	94	189	180	181	177			11.5	23.0	21.9	22.1	21.5	
85K - 90K	87,120	90	.3	96	202	195	191	188			11.0	23.2	22.4	21.9	21.5	
90K - 95K	92,085	41	.1	112	212	206	197	194			12.1	23.0	22.4	21.3	21.1	
95K - 100K	97,133	18	.1	88	220	215	226	222			9.1	22.7	22.1	23.2	22.9	
100K - 105K	102,250	6		94	232	209	236	251			9.2	22.7	20.4	23.1	24.6	
105K - 110K	105,400	1		81	249	237	288	199			7.7	23.6	22.5	27.3	18.9	
110K - 115K	113,200	2		95	272	262	267	237			8.4	24.0	23.1	23.6	20.9	
120K OR >	172,900	1		85	71	528	525	520			4.9	4.1	30.5	30.4	30.1	
ALL WGTs	33,546	8,903	100.0	87	73	68	53	54			25.9	21.7	20.3	15.9	16.2	
LOADED VEHICLES																
06K - 08K	6,700	1		11	17	10	17	12			16.4	25.4	14.9	25.4	17.9	
12K - 14K	13,100	3		53	18	13	14	33			40.5	13.5	10.2	10.9	24.9	
14K - 16K	15,345	11		66	24	23	17	23			43.2	15.8	14.8	11.4	14.9	
16K - 18K	17,176	49	.1	56	33	30	22	30			32.9	19.4	17.2	12.9	17.6	
18K - 20K	19,175	117	.2	63	38	31	27	33			32.8	19.8	16.4	14.0	17.0	
20K - 25K	22,984	1,147	1.6	69	50	42	32	37			30.2	21.6	18.1	13.8	16.3	
25K - 30K	27,592	1,958	2.7	76	61	54	40	44			27.6	22.1	19.6	14.6	16.1	
30K - 35K	32,559	2,422	3.3	82	73	67	50	53			25.3	22.4	20.7	15.3	16.3	
35K - 40K	37,577	3,469	4.7	86	84	80	62	64			22.9	22.4	21.2	16.4	17.1	
40K - 45K	42,505	4,253	5.8	89	95	91	74	77			20.8	22.4	21.5	17.3	18.0	
45K - 50K	47,499	4,667	6.3	91	106	102	87	89			19.1	22.3	21.6	18.3	18.8	
50K - 55K	52,509	5,389	7.3	92	116	113	101	104			17.5	22.1	21.5	19.2	19.7	
55K - 60K	57,525	6,366	8.6	93	127	124	114	118			16.2	22.0	21.5	19.8	20.5	
60K - 65K	62,523	8,121	11.0	93	138	135	128	132			14.9	22.0	21.5	20.4	21.1	
65K - 70K	67,647	1,373	15.4	94	149	146	142	145			13.9	22.0	21.5	21.0	21.5	
70K - 75K	72,200	4,675	19.9	97	158	155	155	156			13.5	21.9	21.5	21.4	21.6	
75K - 80K	77,042	6,163	8.4	101	170	165	166	169			13.1	22.0	21.4	21.6	21.9	
80K - 85K	81,907	2,032	2.8	103	179	174	180	184			12.6	21.9	21.2	22.0	22.4	
85K - 90K	87,069	749	1.0	104	186	180	199	201			11.9	21.3	20.7	22.9	23.1	
90K - 95K	92,081	343	.5	104	195	189	215	217			11.3	21.2	20.5	23.4	23.5	
95K - 100K	97,146	147	.2	105	203	199	232	233			10.8	20.9	20.5	23.9	24.0	
100K - 105K	102,039	74	.1	103	217	215	241	244			10.1	21.3	21.1	23.6	23.9	
105K - 110K	107,083	29		107	237	226	249	251			10.0	22.1	21.1	23.3	23.4	
110K - 115K	112,260	10		114	264	272	235	239			10.1	23.5	24.2	20.9	21.2	
115K - 120K	117,100	13		107	270	231	295	267			9.2	23.1	19.8	25.2	22.8	
120K OR >	135,984	31		156	299	293	320	292			11.5	22.0	21.6	23.5	21.4	
ALL WGTs	60,466	3,612	100.0	93	133	129	123	126			15.4	22.0	21.4	20.3	20.8	
OTHER VEHICLES 2/																
25K - 30K	28,500	5	3.3	77	62	57	46	44			26.9	21.7	19.9	16.2	15.4	
30K - 35K	32,658	19	12.6	85	71	70	49	52			26.0	21.8	21.4	15.0	15.8	
35K - 40K	36,944	16	10.6	87	85	77	61	59			23.7	23.1	20.8	16.5	15.9	
40K - 45K	42,633	9	6.0	88	100	92	73	73			20.7	23.4	21.7	17.0	17.2	
45K - 50K	47,965	17	11.3	87	111	98	93	91			18.2	23.1	20.3	19.4	18.9	
50K - 55K	52,563	16	10.6	95	125	115	94	98			18.0	23.7	21.8	17.9	18.6	
55K - 60K	58,114	14	9.3	93	129	119	119	121			16.1	22.2	20.5	20.4	20.8	
60K - 65K	62,010	10	6.6	97	132	133	131	127			15.6	21.4	21.4	21.1	20.5	
65K - 70K	67,515	20	13.2	96	149	142	146	143			14.1	22.0	21.0	21.6	21.2	
70K - 75K	72,113	16	10.6	93	156	149	159	164			12.9	21.7	20.7	22.1	22.7	
75K - 80K	77,483	6	4.0	101	173	162	175	165			13.0	22.3	20.9	22.6	21.2	
80K - 85K	80,400	1	.7	106	173	173	176	176			13.2	21.5	21.5	21.9	21.9	
85K - 90K	86,950	2	1.3	96	163	150	190	272			11.0	18.7	17.3	21.8	31.2	
ALL WGTs	53,319	151	100.0	91	119	111	105	106			17.1	22.3	20.9	19.8	19.9	

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 3-AXLE TRACTOR WITH 2-AXLE SEMITRAILER

VEHICLE TYPE 332000

DATA YEAR 1976

Table 15D

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
12K - 14K	13,700	1		45	44	19	9	20			32.8	32.1	13.9	6.6	14.6		
16K - 18K	17,150	6		63	27	31	25	26			36.5	15.9	18.0	14.5	15.1		
18K - 20K	19,075	55	.2	63	41	35	25	27			32.9	21.7	18.5	12.9	14.0		
20K - 25K	23,531	2,303	10.1	75	50	46	31	34			31.8	21.4	19.5	13.0	14.3		
25K - 30K	27,632	9,776	43.0	83	59	54	39	41			29.9	21.5	19.7	14.1	14.9		
30K - 35K	32,041	6,604	29.0	88	69	65	48	50			27.6	21.5	20.2	15.1	15.5		
35K - 40K	37,048	2,383	10.5	93	79	75	62	62			25.1	21.3	20.3	16.6	16.7		
40K - 45K	41,908	927	4.1	97	90	84	74	73			23.2	21.5	20.1	17.7	17.5		
45K - 50K	47,171	318	1.4	100	100	95	88	89			21.1	21.3	20.2	18.6	18.8		
50K - 55K	52,029	116	.5	103	114	108	97	98			19.8	21.9	20.8	18.7	18.9		
55K - 60K	57,008	65	.3	108	125	115	112	110			18.9	22.0	20.2	19.6	19.3		
60K - 65K	62,460	47	.2	99	132	131	133	129			15.8	21.1	21.0	21.3	20.7		
65K - 70K	67,559	41	.2	106	146	141	142	141			15.6	21.6	20.9	21.1	20.8		
70K - 75K	71,937	52	.2	99	158	156	150	157			13.7	21.9	21.7	20.9	21.8		
75K - 80K	76,636	22	.1	96	165	158	171	177			12.5	21.5	20.6	22.3	23.1		
80K - 85K	82,075	12	.1	106	165	204	173	173			12.9	20.1	24.8	21.1	21.1		
85K - 90K	87,330	10		222	210	131	149	162			25.4	24.0	15.0	17.0	18.5		
90K - 95K	93,150	2		107	182	211	211	222			11.4	19.5	22.6	22.7	23.8		
95K - 100K	96,475	4		279	188	152	210	136			28.9	19.5	15.7	21.8	14.1		
100K-105K	102,700	1		92	189	187	274	285			9.0	18.4	18.2	26.7	27.8		
110K-115K	111,850	2		83	106	146	561	224			7.4	9.4	13.1	50.2	20.0		
120K OR >	298,000	1		820	660	580	460	460			27.5	22.1	19.5	15.4	15.4		
ALL WGT'S	30,910	2,748	100.0	86	66	62	47	48			27.8	21.4	20.0	15.1	15.7		
LOADED VEHICLES																	
12K - 14K	13,100	3		53	18	13	14	33			40.5	13.5	10.2	10.9	24.9		
14K - 16K	15,313	8		57	27	25	18	26			37.2	17.6	16.4	12.0	16.7		
16K - 18K	17,160	50	.1	56	34	30	22	30			32.7	19.6	17.2	12.9	17.5		
18K - 20K	19,172	117	.2	63	38	31	27	33			32.9	19.8	16.3	13.9	17.0		
20K - 25K	23,003	1,167	1.8	70	50	42	32	37			30.2	21.6	18.1	13.8	16.2		
25K - 30K	27,586	1,981	3.0	76	61	54	40	44			27.6	22.2	19.6	14.6	16.1		
30K - 35K	32,560	2,437	3.7	82	73	67	50	53			25.1	22.6	20.6	15.3	16.4		
35K - 40K	37,503	3,247	4.9	85	85	79	61	65			22.7	22.6	21.1	16.4	17.3		
40K - 45K	42,469	3,806	5.8	88	96	91	74	77			20.6	22.5	21.4	17.4	18.1		
45K - 50K	47,465	4,203	6.4	90	106	101	87	90			18.9	22.4	21.4	18.3	19.0		
50K - 55K	52,527	4,912	7.4	91	116	112	101	105			17.4	22.1	21.4	19.2	19.9		
55K - 60K	57,534	5,916	8.9	92	127	123	114	119			16.0	22.0	21.4	19.9	20.7		
60K - 65K	62,546	7,558	11.4	92	138	134	128	133			14.8	22.0	21.4	20.5	21.3		
65K - 70K	67,596	0,452	15.8	93	150	145	142	146			13.8	22.1	21.4	21.0	21.6		
70K - 75K	72,254	1,707	17.7	96	160	155	155	158			13.3	22.1	21.4	21.4	21.8		
75K - 80K	77,024	5,403	8.2	99	170	165	167	170			12.8	22.0	21.4	21.7	22.1		
80K - 85K	81,966	1,860	2.8	102	179	173	181	185			12.4	21.8	21.1	22.1	22.6		
85K - 90K	87,036	735	1.1	104	187	180	200	200			11.9	21.5	20.7	23.0	23.0		
90K - 95K	92,007	320	.5	105	199	191	212	214			11.4	21.6	20.7	23.1	23.2		
95K - 100K	97,031	136	.2	105	208	201	228	228			10.8	21.5	20.7	23.5	23.5		
100K-105K	102,455	60	.1	103	219	215	241	246			10.1	21.4	21.0	23.5	24.0		
105K-110K	106,794	36	.1	112	232	228	248	248			10.5	21.7	21.3	23.2	23.2		
110K-115K	112,092	13		111	250	261	251	248			9.9	22.3	23.3	22.4	22.2		
115K-120K	117,521	14		105	263	225	304	279			8.9	22.4	19.1	25.8	23.8		
120K OR >	146,108	24		185	318	323	320	315			12.6	21.8	22.1	21.9	21.5		
ALL WGT'S	59,886	6,165	100.0	92	132	128	122	125			15.4	22.1	21.3	20.3	20.9		
OTHER VEHICLES 2/																	
25K - 30K	27,200	6	4.7	78	46	47	49	52			28.6	16.9	17.3	18.0	19.2		
30K - 35K	31,480	5	3.9	83	75	63	48	47			26.3	23.7	20.0	15.1	14.9		
35K - 40K	38,256	9	7.1	79	80	77	79	67			20.8	20.9	20.2	20.6	17.5		
40K - 45K	42,370	10	7.9	86	93	88	80	76			20.4	22.0	20.8	18.8	17.9		
45K - 50K	47,129	14	11.0	87	98	87	98	101			18.5	20.9	18.5	20.7	21.4		
50K - 55K	52,769	16	12.6	94	112	117	101	104			17.8	21.2	22.1	19.2	19.8		
55K - 60K	57,716	19	15.0	96	122	118	122	119			16.6	21.2	20.5	21.1	20.6		
60K - 65K	62,422	9	7.1	93	133	127	136	135			14.8	21.3	20.3	21.9	21.7		
65K - 70K	67,723	13	10.2	100	151	140	139	146			14.8	22.3	20.7	20.6	21.6		
70K - 75K	72,460	10	7.9	96	144	141	177	167			13.3	19.8	19.4	24.4	23.1		
75K - 80K	77,467	6	4.7	95	176	165	169	169			12.3	22.8	21.3	21.8	21.9		
80K - 85K	82,200	5	3.9	107	177	176	172	189			13.0	21.6	21.4	21.0	23.0		
85K - 90K	88,333	3	2.4	107	182	171	200	224			12.1	20.6	19.3	22.6	25.4		
100K-105K	100,800	1	.8	109	213	212	237	237			10.8	21.1	21.0	23.5	23.5		
110K-115K	112,900	1	.8	106	224	208	327	264			9.4	19.8	18.4	29.0	23.4		
ALL WGT'S	56,776	127	100.0	92	121	116	120	120			16.3	21.2	20.4	21.1	21.1		

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 3-AXLE TRACTOR WITH 2-AXLE SEMITRAILER

VEHICLE TYPE 332000

DATA YEAR 1975

Table 15E

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
12K - 14K	13,700	1		45	44	19	9	20			32.8	32.1	13.9	6.6	14.6		
14K - 16K	15,600	1		52	30	29	16	29			33.3	19.2	18.6	10.3	18.6		
16K - 18K	17,300	11		62	32	31	22	25			35.7	18.8	17.9	13.0	14.7		
18K - 20K	19,144	79	.3	65	40	36	24	26			34.1	21.1	18.7	12.5	13.6		
20K - 25K	23,541	2,540	9.9	75	50	46	31	34			32.0	21.2	19.4	13.0	14.4		
25K - 30K	27,600	1,153	43.3	82	59	54	39	41			29.9	21.5	19.7	14.1	14.9		
30K - 35K	32,084	7,501	29.1	88	69	65	49	50			27.4	21.6	20.2	15.2	15.5		
35K - 40K	37,042	2,724	10.6	93	80	75	61	62			25.1	21.5	20.2	16.5	16.7		
40K - 45K	41,942	1,002	3.9	97	91	84	74	73			23.1	21.6	20.1	17.7	17.5		
45K - 50K	47,125	366	1.4	100	102	96	86	87			21.1	21.7	20.3	18.3	18.5		
50K - 55K	52,159	133	.5	103	113	108	98	99			19.7	21.7	20.7	18.9	19.0		
55K - 60K	57,010	73	.3	103	122	119	112	113			18.0	21.4	20.9	19.7	19.9		
60K - 65K	62,523	53	.2	96	135	134	134	127			15.3	21.5	21.4	21.5	20.3		
65K - 70K	67,468	37	.1	106	147	136	144	142			15.7	21.8	20.2	21.4	21.0		
70K - 75K	71,909	43	.2	101	159	152	151	157			14.1	22.1	21.1	21.0	21.8		
75K - 80K	76,842	19	.1	100	166	155	170	178			13.0	21.6	20.2	22.1	23.1		
80K - 85K	81,733	12		107	163	203	172	172			13.1	20.0	24.8	21.1	21.1		
85K - 90K	87,122	9		238	212	124	145	152			27.3	24.3	14.3	16.6	17.5		
90K - 95K	93,100	3		106	182	196	223	223			11.3	19.6	21.1	24.0	24.0		
95K - 100K	97,600	5		228	180	170	199	198			23.4	18.5	17.5	20.4	20.2		
100K-105K	102,700	1		92	189	187	274	285			9.0	18.4	18.2	26.7	27.8		
110K-115K	111,850	2		83	106	146	561	224			7.4	9.4	13.1	50.2	20.0		
120K OR >	298,000	1		820	660	580	460	460			27.5	22.1	19.5	15.4	15.4		
ALL WGTs	30,843	5,769	100.0	86	66	61	47	48			27.8	21.5	19.9	15.1	15.7		
LOADED VEHICLES																	
12K - 14K	13,100	3		61	16	18	15	22			46.3	12.0	13.5	11.7	16.5		
14K - 16K	15,450	2		57	29	28	22	20			36.9	18.4	17.8	14.2	12.6		
16K - 18K	16,733	6		54	33	27	27	27			32.0	19.9	15.9	16.0	16.1		
18K - 20K	19,024	29		60	39	36	26	30			31.4	20.4	18.8	13.6	15.8		
20K - 25K	23,302	394	.6	69	51	44	33	36			29.6	21.9	19.0	14.1	15.4		
25K - 30K	27,747	1,681	2.5	77	62	55	40	43			27.7	22.5	19.9	14.5	15.5		
30K - 35K	32,535	2,345	3.5	83	73	68	50	52			25.4	22.6	20.8	15.2	16.1		
35K - 40K	37,546	3,028	4.6	86	85	79	61	64			22.8	22.6	21.2	16.3	17.1		
40K - 45K	42,467	3,569	5.5	88	96	91	74	76			20.8	22.6	21.4	17.4	17.9		
45K - 50K	47,463	4,352	6.6	90	106	102	87	90			18.9	22.4	21.5	18.4	18.9		
50K - 55K	52,497	5,210	7.9	91	115	112	101	104			17.4	22.0	21.4	19.3	19.9		
55K - 60K	57,495	6,086	9.2	92	126	124	114	118			16.1	22.0	21.5	19.9	20.5		
60K - 65K	62,514	7,450	11.3	93	138	134	128	132			14.9	22.0	21.5	20.5	21.1		
65K - 70K	67,657	0,832	16.4	94	149	145	142	145			13.9	22.1	21.5	21.1	21.5		
70K - 75K	72,189	3,120	19.8	96	159	155	155	157			13.4	22.0	21.4	21.5	21.7		
75K - 80K	77,044	4,844	7.3	100	169	164	167	170			12.9	22.0	21.3	21.7	22.1		
80K - 85K	82,067	1,661	2.5	104	177	171	182	186			12.7	21.6	20.9	22.2	22.7		
85K - 90K	87,051	734	1.1	106	186	180	199	200			12.2	21.4	20.7	22.8	22.9		
90K - 95K	92,150	350	.5	105	199	190	213	215			11.4	21.5	20.6	23.1	23.3		
95K - 100K	97,099	160	.2	107	208	202	227	227			11.0	21.5	20.8	23.3	23.4		
100K-105K	102,275	67	.1	106	218	212	243	244			10.4	21.3	20.8	23.7	23.8		
105K-110K	107,056	39	.1	113	230	225	249	253			10.6	21.5	21.0	23.2	23.6		
110K-115K	112,100	10		113	241	236	275	257			10.1	21.5	21.0	24.5	23.0		
115K-120K	117,783	6		99	288	235	274	281			8.4	24.5	19.9	23.3	23.9		
120K OR >	139,081	32		182	285	286	326	312			13.1	20.5	20.6	23.4	22.4		
ALL WGTs	60,755	6,110	100.0	93	134	130	124	127			15.3	22.1	21.4	20.4	20.9		
OTHER VEHICLES 2/																	
25K - 30K	27,233	6	4.5	77	44	50	49	53			28.1	16.2	18.4	17.9	19.5		
30K - 35K	32,013	8	6.0	87	77	61	49	46			27.3	24.1	19.0	15.2	14.4		
35K - 40K	38,230	10	7.5	79	81	77	80	66			20.6	21.1	20.2	20.9	17.3		
40K - 45K	42,267	9	6.7	88	93	87	78	76			20.9	22.1	20.6	18.5	18.0		
45K - 50K	47,046	13	9.7	87	101	88	96	97			18.6	21.6	18.8	20.4	20.7		
50K - 55K	52,324	17	12.7	95	109	113	104	103			18.1	20.7	21.6	19.8	19.7		
55K - 60K	57,473	15	11.2	94	117	113	124	125			16.4	20.4	19.7	21.6	21.8		
60K - 65K	62,642	12	9.0	96	135	127	133	135			15.3	21.6	20.3	21.2	21.6		
65K - 70K	67,679	14	10.4	98	147	141	145	146			14.5	21.7	20.9	21.4	21.6		
70K - 75K	72,869	13	9.7	94	153	151	170	160			13.0	21.0	20.7	23.3	22.0		
75K - 80K	77,786	7	5.2	98	176	167	159	179			12.5	22.6	21.5	20.4	23.0		
80K - 85K	82,650	4	3.0	108	178	177	172	193			13.0	21.6	21.4	20.8	23.3		
85K - 90K	88,333	3	2.2	107	182	171	200	224			12.1	20.6	19.3	22.6	25.4		
90K - 95K	94,300	1	.7	114	194	193	180	262			12.1	20.6	20.5	19.1	27.8		
100K-105K	100,800	1	.7	109	213	212	237	237			10.8	21.1	21.0	23.5	23.5		
110K-115K	112,900	1	.7	106	224	208	327	264			9.4	19.8	18.4	29.0	23.4		
ALL WGTs	57,015	134	100.0	93	121	116	120	120			16.2	21.3	20.4	21.0	21.1		

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER

### PLUS 2-AXLE FULL TRAILER

#### VEHICLE TYPE 521200

#### DATA YEAR 1979

Table 16A

EMPTY VEHICLES																
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT					
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)
12K - 14K	12,400	1	.1	33	29	21	20	21			26.6	23.4	16.9	16.1	16.9	
18K - 20K	19,450	2	.2	47	35	37	40	36			24.2	18.0	19.0	20.3	18.5	
20K - 25K	23,659	120	14.7	76	60	34	35	31			32.2	25.5	14.5	14.6	13.1	
25K - 30K	27,529	343	42.0	80	69	43	43	40			29.0	25.1	15.7	15.7	14.5	
30K - 35K	31,761	218	26.7	84	77	54	53	50			26.4	24.3	17.1	16.6	15.6	
35K - 40K	37,144	75	9.2	84	92	66	68	61			22.7	24.7	17.9	18.3	16.4	
40K - 45K	41,713	31	3.8	87	106	77	77	69			20.9	25.5	18.6	18.4	16.6	
45K - 50K	46,873	15	1.8	95	111	83	94	86			20.2	23.6	17.8	20.1	18.2	
50K - 55K	52,900	2	.2	93	126	107	103	102			17.5	23.7	20.2	19.4	19.2	
55K - 60K	56,900	1	.1	93	135	136	124	81			16.3	23.7	23.9	21.8	14.2	
60K - 65K	60,500	1	.1	81	154	101	135	134			13.4	25.5	16.7	22.3	22.1	
65K - 70K	67,600	3	.4	66	168	151	145	146			9.8	24.9	22.3	21.4	21.6	
70K - 75K	70,950	2	.2	87	173	192	117	141			12.3	24.3	27.1	16.5	19.9	
75K - 80K	76,400	1	.1	90	180	168	176	150			11.8	23.6	22.0	23.0	19.6	
85K - 90K	86,400	1	.1	104	182	190	190	198			12.0	21.1	22.0	22.0	22.9	
ALL WGT'S	30,354	816	100.0	81	75	50	50	46			26.8	24.8	16.6	16.5	15.3	
LOADED VEHICLES																
12K - 14K	13,600	1		83	14	13	13	13			61.0	10.3	9.6	9.6	9.6	
14K - 16K	15,600	1		99	16	16	11	14			63.5	10.3	10.3	7.1	9.0	
20K - 25K	23,314	7	.2	63	49	40	41	40			26.8	21.1	17.1	17.8	17.2	
25K - 30K	28,257	35	.9	79	68	46	46	43			28.1	24.1	16.3	16.1	15.3	
30K - 35K	32,840	92	2.4	84	81	57	55	51			25.5	24.7	17.5	16.8	15.5	
35K - 40K	37,370	107	2.8	85	98	71	62	57			22.8	26.3	19.0	16.6	15.3	
40K - 45K	42,494	185	4.8	88	116	86	71	64			20.8	27.2	20.3	16.6	15.1	
45K - 50K	47,450	221	5.8	91	124	99	85	75			19.2	26.2	20.9	18.0	15.8	
50K - 55K	52,652	335	8.8	93	139	114	96	85			17.7	26.3	21.7	18.1	16.2	
55K - 60K	57,478	367	9.6	94	145	128	108	100			16.3	25.3	22.3	18.8	17.3	
60K - 65K	62,541	397	10.4	95	158	141	119	114			15.1	25.2	22.5	19.0	18.2	
65K - 70K	67,531	464	12.1	95	164	152	134	130			14.1	24.3	22.6	19.8	19.3	
70K - 75K	72,476	546	14.3	95	171	162	149	147			13.1	23.6	22.4	20.6	20.3	
75K - 80K	77,735	789	20.6	93	180	172	167	166			12.0	23.1	22.1	21.5	21.3	
80K - 85K	81,258	206	5.4	94	188	182	174	174			11.6	23.2	22.5	21.4	21.5	
85K - 90K	86,951	51	1.3	104	193	191	190	191			11.9	22.2	22.0	21.9	22.0	
90K - 95K	91,764	14	.4	104	213	195	212	194			11.3	23.2	21.3	23.0	21.1	
95K - 100K	95,950	2	.1	122	219	202	192	226			12.7	22.8	21.1	20.0	23.6	
110K-115K	113,500	1		138	290	250	236	221			12.2	25.6	22.0	20.8	19.5	
ALL WGT'S	64,149	3,821	100.0	93	156	141	128	123			14.5	24.3	22.0	19.9	19.2	
OTHER VEHICLES 2/																
18K - 20K	19,000	1	2.6	27	20	46	52	45			14.2	10.5	24.2	27.4	23.7	
20K - 25K	20,800	1	2.6	34	31	46	52	45			16.3	14.9	22.1	25.0	21.6	
25K - 30K	29,267	3	7.7	69	81	57	47	39			23.5	27.6	19.5	16.1	13.4	
30K - 35K	31,840	5	12.8	78	89	52	52	48			24.5	27.9	16.4	16.2	15.0	
35K - 40K	36,183	5	15.4	79	96	75	53	59			21.9	26.4	20.8	14.6	16.3	
40K - 45K	42,125	4	10.3	80	117	102	63	60			18.9	27.7	24.3	15.0	14.2	
45K - 50K	48,575	4	10.3	90	140	122	67	66			18.5	28.9	25.2	13.8	13.6	
50K - 55K	52,550	4	10.3	92	137	127	92	78			17.5	26.0	24.1	17.6	14.9	
55K - 60K	57,000	3	7.7	93	149	100	120	107			16.4	26.2	17.5	21.1	18.8	
60K - 65K	62,700	1	2.6	95	172	142	119	99			15.2	27.4	22.6	19.0	15.8	
70K - 75K	73,175	4	10.3	100	183	169	144	137			13.6	25.0	23.1	19.6	18.7	
75K - 80K	77,050	2	5.1	80	182	179	162	169			10.4	23.6	23.2	21.0	21.9	
80K - 85K	80,800	1	2.6	81	198	185	172	172			10.0	24.5	22.9	21.3	21.3	
ALL WGT'S	47,133	39	100.0	82	123	104	84	79			17.4	26.1	22.0	17.7	16.8	

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

## 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER

### PLUS 2-AXLE FULL TRAILER

#### VEHICLE TYPE 521200

DATA YEAR 1978

Table 16B

EMPTY VEHICLES																
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT					
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)
12K - 14K	12,400	1	.1	33	29	21	20	21			26.6	23.4	16.9	16.1	16.9	
18K - 20K	19,450	2	.2	47	35	37	40	36			24.2	18.0	19.0	20.3	18.5	
20K - 25K	23,652	122	13.9	76	61	34	35	31			32.0	25.6	14.6	14.7	13.1	
25K - 30K	27,443	298	34.1	80	69	43	43	40			29.2	25.1	15.7	15.7	14.4	
30K - 35K	31,171	334	38.2	83	77	52	52	48			26.7	24.6	16.8	16.7	15.2	
35K - 40K	37,108	54	7.3	85	90	66	68	62			22.9	24.3	17.8	18.4	16.6	
40K - 45K	41,732	28	3.2	87	105	77	78	71			20.8	25.1	18.4	18.7	17.0	
45K - 50K	46,993	14	1.6	93	111	82	96	87			19.9	23.5	17.5	20.5	18.6	
50K - 55K	52,900	2	.2	93	126	107	103	102			17.5	23.7	20.2	19.4	19.2	
55K - 60K	57,300	3	.3	80	113	108	143	129			13.9	19.7	18.8	25.0	22.6	
60K - 65K	61,050	2	.2	87	163	138	113	111			14.2	26.7	22.6	18.4	18.1	
65K - 70K	67,600	3	.3	66	168	151	145	146			9.8	24.9	22.3	21.4	21.6	
70K - 75K	70,500	1	.1	80	165	165	145	150			11.3	23.4	23.4	20.6	21.3	
85K - 90K	86,400	1	.1	104	182	190	190	198			12.0	21.1	22.0	22.0	22.9	
ALL WGTs	30,270	875	100.0	81	75	50	50	46			26.9	24.8	16.5	16.6	15.2	
LOADED VEHICLES																
12K - 14K	13,600	1		83	14	13	13	13			61.0	10.3	9.6	9.6	9.6	
20K - 25K	23,583	6	.2	62	54	35	45	40			26.2	22.8	14.8	19.2	17.0	
25K - 30K	27,968	37	1.0	79	68	44	44	43			28.3	24.5	15.9	15.9	15.4	
30K - 35K	32,692	79	2.1	84	80	57	55	50			25.6	24.6	17.5	16.9	15.4	
35K - 40K	37,353	106	2.8	87	97	69	63	58			23.3	26.0	18.4	16.8	15.5	
40K - 45K	42,525	181	4.8	88	116	85	72	64			20.7	27.4	20.0	17.0	15.0	
45K - 50K	47,573	200	5.3	90	125	97	87	76			18.9	26.3	20.5	18.3	16.0	
50K - 55K	52,488	283	7.5	93	137	114	95	85			17.8	26.1	21.7	18.2	16.3	
55K - 60K	57,576	367	9.7	94	145	127	109	100			16.3	25.2	22.1	19.0	17.4	
60K - 65K	62,602	396	10.5	95	156	140	119	115			15.2	25.0	22.4	19.1	18.4	
65K - 70K	67,520	473	12.5	95	163	151	135	131			14.1	24.2	22.4	20.0	19.4	
70K - 75K	72,511	564	15.0	95	171	162	149	148			13.0	23.6	22.4	20.6	20.4	
75K - 80K	77,728	797	21.1	93	179	172	167	166			12.0	23.1	22.1	21.5	21.3	
80K - 85K	81,326	209	5.5	94	187	182	175	176			11.6	23.0	22.3	21.5	21.6	
85K - 90K	86,891	56	1.5	102	196	194	190	187			11.8	22.5	22.4	21.8	21.5	
90K - 95K	91,400	12	.3	102	208	196	210	198			11.1	22.8	21.5	22.9	21.7	
95K - 100K	95,950	2	.1	122	219	202	192	226			12.7	22.8	21.1	20.0	23.6	
110K-115K	113,500	1		138	290	250	236	221			12.2	25.6	22.0	20.8	19.5	
ALL WGTs	64,659	3,770	100.0	93	156	142	130	125			14.4	24.2	21.9	20.1	19.4	
OTHER VEHICLES 2/																
18K - 20K	19,000	1	2.5	27	20	46	52	45			14.2	10.5	24.2	27.4	23.7	
20K - 25K	20,800	1	2.5	34	31	46	52	45			16.3	14.9	22.1	25.0	21.6	
25K - 30K	29,267	3	7.5	69	81	57	47	39			23.5	27.6	19.5	16.1	13.4	
30K - 35K	31,840	5	12.5	78	89	52	52	48			24.5	27.9	16.4	16.2	15.0	
35K - 40K	36,183	6	15.0	79	96	75	53	59			21.9	26.4	20.8	14.6	16.3	
40K - 45K	42,125	4	10.0	80	117	102	63	60			18.9	27.7	24.3	15.0	14.2	
45K - 50K	48,575	4	10.0	90	140	122	67	66			18.5	28.9	25.2	13.8	13.6	
50K - 55K	52,460	5	12.5	93	137	126	89	79			17.7	26.2	24.1	17.0	15.1	
55K - 60K	57,000	3	7.5	93	149	100	120	107			16.4	26.2	17.5	21.1	18.8	
60K - 65K	62,700	1	2.5	95	172	142	119	99			15.2	27.4	22.6	19.0	15.8	
70K - 75K	73,175	4	10.0	100	183	169	144	137			13.6	25.0	23.1	19.6	18.7	
75K - 80K	77,050	2	5.0	80	182	179	162	169			10.4	23.6	23.2	21.0	21.9	
80K - 85K	80,800	1	2.5	81	198	185	172	172			10.0	24.5	22.9	21.3	21.3	
ALL WGTs	47,258	40	100.0	82	123	104	83	79			17.4	26.1	22.0	17.7	16.8	

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER

### PLUS 2-AXLE FULL TRAILER

### VEHICLE TYPE 521200

DATA YEAR 1977

Table 16C

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
20K - 25K	23,727	123	16.8	76	61	35	35	31			32.0	25.6	14.6	14.7	13.1		
25K - 30K	27,513	289	39.5	80	69	43	43	39			29.2	25.1	15.8	15.6	14.3		
30K - 35K	32,028	160	21.9	85	78	55	53	50			26.4	24.2	17.3	16.6	15.6		
35K - 40K	37,361	74	10.1	85	91	66	70	62			22.7	24.2	17.7	18.7	16.7		
40K - 45K	41,550	30	4.1	86	103	75	78	72			20.7	24.9	18.1	18.9	17.4		
45K - 50K	46,743	14	1.9	91	117	85	91	84			19.4	25.1	18.1	19.4	18.0		
50K - 55K	52,200	6	.8	88	142	121	86	84			16.9	27.2	23.2	16.5	16.1		
55K - 60K	57,438	8	1.1	82	146	126	111	110			14.2	25.5	22.0	19.2	19.1		
60K - 65K	61,813	8	1.1	87	156	121	136	119			14.0	25.2	19.6	22.0	19.2		
65K - 70K	67,900	6	.8	87	176	155	142	119			12.8	25.8	22.9	20.9	17.6		
70K - 75K	72,363	8	1.1	86	190	158	144	145			11.9	26.2	21.8	20.0	20.1		
75K - 80K	77,360	5	.7	87	176	169	156	187			11.2	22.7	21.8	20.2	24.1		
85K - 90K	87,500	1	.1	79	233	156	194	213			9.0	26.6	17.8	22.2	24.3		
ALL WGTs	31,950	732	100.0	82	80	54	54	50			25.6	24.9	17.0	16.9	15.6		
LOADED VEHICLES																	
20K - 25K	24,000	4	.1	80	51	29	42	38			33.4	21.3	12.2	17.5	15.6		
25K - 30K	28,023	22	.7	77	67	46	46	44			27.5	24.0	16.5	16.3	15.8		
30K - 35K	32,770	64	2.1	82	81	58	57	50			25.0	24.9	17.6	17.3	15.4		
35K - 40K	37,333	103	3.4	86	99	68	62	58			23.1	25.5	18.3	16.6	15.5		
40K - 45K	42,473	127	4.2	89	117	85	70	63			21.1	27.6	20.1	16.4	14.9		
45K - 50K	47,521	161	5.4	89	124	100	85	76			18.8	26.2	21.1	17.9	16.0		
50K - 55K	52,523	200	6.7	92	138	115	96	84			17.6	26.3	21.8	18.2	16.0		
55K - 60K	57,537	307	10.2	93	145	130	108	101			16.2	25.1	22.5	18.7	17.5		
60K - 65K	62,501	361	12.0	94	153	140	121	117			15.0	24.5	22.4	19.3	18.7		
65K - 70K	67,402	365	12.2	95	161	151	136	132			14.1	23.9	22.4	20.1	19.5		
70K - 75K	72,450	447	14.9	94	170	161	151	149			13.0	23.4	22.2	20.8	20.6		
75K - 80K	77,685	667	22.2	93	179	172	167	167			11.9	23.0	22.1	21.5	21.5		
80K - 85K	81,395	139	4.6	93	185	183	176	177			11.5	22.8	22.4	21.6	21.7		
85K - 90K	86,608	24	.8	99	193	192	191	192			11.4	22.3	22.1	22.0	22.1		
90K - 95K	91,700	7	.2	105	199	199	207	208			11.4	21.7	21.7	22.5	22.7		
95K - 100K	96,250	2	.1	98	212	212	223	219			10.1	22.0	22.0	23.1	22.8		
ALL WGTs	64,487	3,000	100.0	92	155	142	130	126			14.3	24.1	22.0	20.1	19.5		
OTHER VEHICLES 2/																	
25K - 30K	25,600	1	9.1	84	72	36	34	30			32.8	28.1	14.1	13.3	11.7		
30K - 35K	30,100	1	9.1	84	76	44	51	46			27.9	25.2	14.6	16.9	15.3		
35K - 40K	36,367	3	27.3	77	90	76	64	57			21.3	24.7	20.8	17.6	15.7		
45K - 50K	48,700	1	9.1	87	120	93	99	88			17.9	24.6	19.1	20.3	18.1		
70K - 75K	73,350	2	18.2	99	200	161	145	129			13.5	27.3	21.9	19.7	17.6		
75K - 80K	77,050	2	18.2	80	182	179	162	169			10.4	23.6	23.2	21.0	21.9		
80K - 85K	80,800	1	9.1	81	198	185	172	172			10.0	24.5	22.9	21.3	21.3		
ALL WGTs	54,100	11	100.0	84	136	115	105	100			15.6	25.2	21.2	19.5	18.5		

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER

#### PLUS 2-AXLE FULL TRAILER

#### VEHICLE TYPE 521200

#### DATA YEAR 1976

Table 16D

EMPTY VEHICLES																
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT					
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)
18K - 20K	19,100	2	.3	64	42	30	30	26			33.5	22.0	15.4	15.7	13.4	
20K - 25K	23,657	106	17.8	76	60	34	35	31			32.0	25.5	14.6	14.7	13.3	
25K - 30K	27,347	249	41.8	79	69	43	43	40			28.9	25.1	15.6	15.8	14.5	
30K - 35K	32,011	140	23.5	84	78	55	53	50			26.3	24.4	17.0	16.7	15.6	
35K - 40K	37,061	56	9.4	85	91	66	67	62			23.0	24.4	17.8	18.1	16.7	
40K - 45K	41,556	25	4.2	86	108	78	75	68			20.8	26.0	18.7	18.1	16.5	
45K - 50K	47,009	11	1.8	90	116	94	92	79			19.0	24.7	20.0	19.5	16.8	
50K - 55K	50,800	1	.2	101	141	104	71	91			19.9	27.8	20.5	14.0	17.9	
60K - 65K	61,900	4	.7	87	160	117	136	119			14.1	25.9	18.9	21.9	19.2	
75K - 80K	75,000	1	.2	73	180	172	160	165			9.7	24.0	22.9	21.3	22.0	
ALL WGTs	29,986	595	100.0	81	75	49	49	45			26.9	25.0	16.5	16.5	15.2	
LOADED VEHICLES																
20K - 25K	23,257	7	.3	75	63	33	32	29			32.4	27.2	14.1	13.6	12.7	
25K - 30K	27,912	25	.9	75	66	47	46	44			27.0	23.6	16.9	16.6	15.9	
30K - 35K	32,620	60	2.2	82	85	57	54	49			25.3	26.0	17.4	16.5	14.9	
35K - 40K	37,735	101	3.8	84	99	69	66	59			22.3	26.3	18.4	17.5	15.5	
40K - 45K	42,595	118	4.4	89	116	87	71	63			20.9	27.1	20.3	16.8	14.9	
45K - 50K	47,698	161	6.0	89	130	103	83	72			18.7	27.2	21.6	17.5	15.0	
50K - 55K	52,702	216	8.1	91	138	118	95	85			17.3	26.2	22.4	18.0	16.2	
55K - 60K	57,582	283	10.5	92	147	130	107	100			16.0	25.5	22.6	18.5	17.3	
60K - 65K	62,467	356	13.3	92	156	141	120	115			14.8	24.9	22.6	19.3	18.5	
65K - 70K	67,498	379	14.1	94	162	152	135	132			14.0	23.9	22.5	20.0	19.6	
70K - 75K	72,460	418	15.6	93	169	160	151	151			12.9	23.4	22.1	20.8	20.8	
75K - 80K	77,043	415	15.5	91	177	171	166	166			11.8	22.9	22.2	21.5	21.6	
80K - 85K	82,186	91	3.4	95	189	185	176	175			11.6	23.0	22.6	21.5	21.3	
85K - 90K	87,047	32	1.2	97	198	194	188	192			11.2	22.8	22.3	21.6	22.1	
90K - 95K	92,477	13	.5	100	205	209	199	212			10.8	22.1	22.6	21.6	22.9	
95K - 100K	97,143	7	.3	97	225	224	213	213			10.0	23.2	23.0	21.9	21.9	
100K-105K	101,600	1		105	235	231	201	244			10.3	23.1	22.7	19.8	24.0	
ALL WGTs	63,117	2,683	100.0	92	153	139	125	121			14.5	24.3	22.1	19.8	19.2	
OTHER VEHICLES 2/																
25K - 30K	25,600	1	100.0	84	72	36	34	30			32.8	28.1	14.1	13.3	11.7	
ALL WGTs	25,600	1	100.0	84	72	36	34	30			32.8	28.1	14.1	13.3	11.7	

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



## WEIGHT DISTRIBUTION SUMMARY BY LOAD STATUS

### 2-AXLE TRACTOR WITH 1-AXLE SEMITRAILER

#### PLUS 2-AXLE FULL TRAILER

#### VEHICLE TYPE 521200

DATA YEAR 1975

Table 16E

EMPTY VEHICLES																	
GROSS WEIGHT GROUP 1/	AVERAGE GROSS WEIGHT	VEHICLES IN SAMPLE	% OF TOTAL SAMPLE	AVERAGE AXLE WEIGHTS (IN 100'S)							AVERAGE AXLE WT AS % OF AVERAGE GROSS WT						
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
18K - 20K	19,100	2	.3	64	42	30	30	26			33.5	22.0	15.4	15.7	13.4		
20K - 25K	23,631	108	16.2	76	59	34	35	31			32.3	25.1	14.6	14.8	13.3		
25K - 30K	27,521	306	45.9	80	68	43	44	40			29.0	24.7	15.7	15.9	14.6		
30K - 35K	32,022	151	22.7	85	78	53	54	50			26.4	24.2	16.7	16.9	15.8		
35K - 40K	36,936	53	8.0	85	91	67	65	60			23.1	24.7	18.1	17.7	16.4		
40K - 45K	42,041	27	4.1	87	107	81	77	68			20.8	25.5	19.2	18.3	16.2		
45K - 50K	46,877	13	2.0	92	116	94	90	76			19.6	24.8	20.1	19.2	16.3		
50K - 55K	51,900	1	.2	94	119	100	113	93			18.1	22.9	19.3	21.8	17.9		
55K - 60K	57,900	1	.2	90	100	141	110	138			15.5	17.3	24.4	19.0	23.8		
60K - 65K	62,350	2	.3	91	140	119	124	150			14.6	22.5	19.0	19.9	24.1		
65K - 70K	67,300	1	.2	94	191	171	98	119			14.0	28.4	25.4	14.6	17.7		
75K - 80K	75,000	1	.2	73	180	172	160	165			9.7	24.0	22.9	21.3	22.0		
ALL WGTs	29,919	666	100.0	81	74	49	49	45			27.2	24.7	16.5	16.5	15.2		
LOADED VEHICLES																	
20K - 25K	22,889	9	.3	70	63	37	30	29			30.5	27.6	16.2	13.2	12.5		
25K - 30K	28,177	30	1.0	77	67	48	46	43			27.4	23.9	17.0	16.5	15.1		
30K - 35K	32,608	76	2.5	83	85	55	53	49			25.6	26.2	16.9	16.3	15.1		
35K - 40K	37,612	119	4.0	86	100	70	63	57			22.9	26.5	18.7	16.8	15.1		
40K - 45K	42,607	148	5.0	90	114	86	73	63			21.1	26.9	20.2	17.2	14.7		
45K - 50K	47,576	190	6.4	91	131	104	80	69			19.2	27.5	22.0	16.8	14.6		
50K - 55K	52,510	236	7.9	92	136	116	95	86			17.5	25.9	22.2	18.0	16.4		
55K - 60K	57,557	330	11.1	93	145	129	108	100			16.2	25.2	22.3	18.8	17.4		
60K - 65K	62,449	387	13.0	93	154	141	120	116			14.9	24.7	22.6	19.3	18.5		
65K - 70K	67,550	416	13.9	94	162	152	134	133			14.0	24.0	22.5	19.9	19.6		
70K - 75K	72,453	454	15.2	95	168	161	150	151			13.1	23.2	22.2	20.8	20.8		
75K - 80K	77,008	430	14.4	92	176	171	166	165			11.9	22.8	22.3	21.5	21.5		
80K - 85K	82,383	94	3.2	98	189	185	178	175			11.9	22.9	22.4	21.6	21.2		
85K - 90K	87,387	38	1.3	98	199	193	191	192			11.3	22.8	22.1	21.9	21.9		
90K - 95K	92,625	16	.5	100	207	207	205	207			10.8	22.3	22.4	22.1	22.3		
95K - 100K	97,513	8	.3	100	231	225	211	209			10.2	23.6	23.1	21.7	21.4		
100K-105K	102,350	2	.1	112	273	224	202	214			10.9	26.7	21.8	19.7	20.9		
ALL WGTs	62,536	2,983	100.0	93	152	138	124	119			14.8	24.3	22.1	19.8	19.1		
OTHER VEHICLES 2/																	
40K - 45K	43,150	2	66.7	89	105	101	76	62			20.5	24.2	23.4	17.5	14.4		
50K - 55K	51,400	1	33.3	93	100	105	107	109			18.1	19.5	20.4	20.8	21.2		
ALL WGTs	45,900	3	100.0	90	103	102	86	78			19.6	22.4	22.3	18.7	16.9		

1/ EACH GROSS WEIGHT GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

2/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS WITH PERMANENTLY MOUNTED EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS

## 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1979

Table 17A

VEHICLE TYPE = 332000

BODY TYPE = 21 - PLATFORM OR FLAT BED<sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K	1 1			1 1	100.00 100.00		
012-014K 014-016K 016-018K	2 2 6	2	33.33	2 2 4	100.00 100.00 66.67		
018-020K 020-022K 022-024K	13 64 160	11 56 145	84.62 87.50 90.63	2 8 15	15.38 12.50 9.38		
024-026K 026-028K 028-030K	467 1,491 2,225	420 1,343 1,885	89.94 90.07 84.72	47 147 339	10.06 9.86 15.24	1 1	.07 .04
030-032K 032-034K 034-036K	1,714 1,339 1,218	1,296 815 520	75.61 60.87 42.69	415 524 695	24.21 39.13 57.06	3 3	.18 .25
036-038K 038-040K 040-042K	1,096 1,103 1,069	343 203 134	31.30 18.40 12.54	751 898 933	68.52 81.41 87.28	2 2 2	.18 .18 .19
042-044K 044-046K 046-048K	1,088 1,078 1,113	99 54 43	9.10 5.01 3.86	987 1,021 1,068	90.72 94.71 95.96	2 3 2	.18 .28 .18
048-050K 050-052K 052-054K	1,132 1,159 1,169	30 26 12	2.65 2.24 1.03	1,099 1,130 1,153	97.08 97.50 98.63	3 3 4	.27 .26 .34
054-056K 056-058K 058-060K	1,211 1,230 1,212	12 11 12	.99 .89 .99	1,198 1,216 1,199	98.93 98.86 98.93	1 3 1	.08 .24 .08
060-062K 062-064K 064-066K	1,256 1,309 1,432	9 10 14	.72 .76 .98	1,247 1,297 1,417	99.28 99.08 98.95	2 1	.15 .07
066-068K 068-070K 070-072K	1,680 1,965 2,263	13 7 6	.77 .36 .27	1,664 1,954 2,255	99.05 99.44 99.65	3 4 2	.18 .20 .09
072-074K 074-076K 076-078K	1,684 1,040 887	7 7 2	.42 .67 .23	1,675 1,033 884	99.47 99.33 99.66	2 1	.12 .11
078-080K 080-082K 082-084K	544 339 204	4	.74	539 339 204	99.08 100.00 100.00	1	.18
084-086K 086-088K 088-090K	123 78 41	1	1.28	123 77 41	100.00 98.72 100.00		
090-092K 092-094K 094-096K	39 36 13	2 1	5.56 7.69	39 34 12	100.00 94.44 92.31		
096-098K 098-100K 100K +	11 9 42	3	7.14	11 9 38	100.00 100.00 90.48	1	2.38
<b>TOTALS</b>	<b>37,358</b>	<b>7,558</b>	<b>20.23</b>	<b>29,747</b>	<b>79.63</b>	<b>53</b>	<b>.14</b>

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.

2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1978

Table 17B

VEHICLE TYPE = 332000

BODY TYPE = 21 - PLATFORM OR FLAT BED<sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K	1 1			1 1	100.00 100.00		
012-014K 014-016K 016-018K	1 1 2		100.00	1 1	100.00 100.00		
018-020K 020-022K 022-024K	12 38 122	11 32 109	91.67 84.21 89.34	1 6 13	8.33 15.79 10.66		
024-026K 026-028K 028-030K	456 1,428 1,903	409 1,323 1,612	89.69 92.65 84.71	47 104 290	10.31 7.28 15.24	1 1	.07 .05
030-032K 032-034K 034-036K	1,538 1,310 1,228	1,186 815 543	77.11 62.21 44.22	349 493 681	22.69 37.63 55.46	3 2 4	.20 .15 .33
036-038K 038-040K 040-042K	1,052 1,070 974	354 206 135	33.65 19.25 13.86	692 861 836	65.78 80.47 85.83	6 3 3	.57 .28 .31
042-044K 044-046K 046-048K	1,076 1,056 1,057	97 61 44	9.01 5.78 4.16	975 992 1,011	90.61 93.94 95.65	4 3 2	.37 .28 .19
048-050K 050-052K 052-054K	1,105 1,069 1,122	36 33 17	3.26 3.09 1.52	1,066 1,034 1,100	96.47 96.73 98.04	3 2 5	.27 .19 .45
054-056K 056-058K 058-060K	1,166 1,199 1,171	13 11 16	1.11 .92 1.37	1,152 1,186 1,152	98.80 98.92 98.38	1 2 3	.09 .17 .26
060-062K 062-064K 064-066K	1,212 1,267 1,375	7 7 11	.58 .55 .80	1,203 1,258 1,361	99.26 99.29 98.98	2 2 3	.17 .16 .22
066-068K 068-070K 070-072K	1,625 1,949 2,117	14 14 9	.86 .72 .43	1,608 1,932 2,106	98.95 99.13 99.48	3 3 2	.18 .15 .09
072-074K 074-076K 076-078K	1,595 1,051 867	6 4 6	.38 .38 .69	1,587 1,047 858	99.50 99.62 98.96	2 2 3	.13 .13 .35
078-080K 080-082K 082-084K	562 309 197	2 2	.36 .65	559 307 197	99.47 99.35 100.00	1	.18
084-086K 086-088K 088-090K	135 85 54	2 1 1	1.48 1.18 1.85	133 84 53	98.52 98.82 98.15		
090-092K 092-094K 094-096K	36 33 18		3.03	36 32 18	100.00 96.97 100.00		
096-098K 098-100K 100K +	12 11 18		5.56	12 11 16	100.00 100.00 88.89	1	5.56
TOTALS	35,686	7,153	20.04	28,463	79.76	70	.20

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
 2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS

## 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1977

Table 17C

VEHICLE TYPE = 332000

BODY TYPE = 21 - PLATFORM OR FLAT BED <sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K	1			1	100.00		
012-014K 014-016K 016-018K	2 4 26			2 4 25	100.00 100.00 96.15		
018-020K 020-022K 022-024K	63 171 436	9 40 145	14.29 23.39 33.26	54 131 291	85.71 76.61 66.74		
024-026K 026-028K 028-030K	863 1,829 2,250	469 1,335 1,654	54.35 72.99 73.51	394 494 596	45.65 27.01 26.49		
030-032K 032-034K 034-036K	1,737 1,423 1,249	1,195 809 542	68.80 56.85 43.39	542 612 705	31.20 43.01 56.45	2 2	.14 .16
036-038K 038-040K 040-042K	1,163 1,152 1,100	368 238 160	31.64 20.66 14.55	791 913 939	68.01 79.25 85.36	4 1 1	.34 .09 .09
042-044K 044-046K 046-048K	1,162 1,130 1,180	121 93 86	10.41 8.23 7.29	1,038 1,036 1,093	89.33 91.68 92.63	3 1 1	.26 .09 .08
048-050K 050-052K 052-054K	1,261 1,193 1,284	78 52 44	6.19 4.36 3.43	1,181 1,140 1,239	93.66 95.56 96.50	2 1 1	.16 .08 .08
054-056K 056-058K 058-060K	1,310 1,395 1,430	55 46 53	4.20 3.30 3.71	1,253 1,348 1,376	95.65 96.63 96.22	2 1 1	.15 .07 .07
060-062K 062-064K 064-066K	1,583 1,650 1,731	50 45 54	3.16 2.73 3.12	1,531 1,605 1,676	96.72 97.27 96.82	2 1 1	.13 .06
066-068K 068-070K 070-072K	1,798 2,044 2,115	52 86 86	2.89 4.21 4.07	1,744 1,957 2,028	97.00 95.74 95.89	2 1 1	.11 .05 .05
072-074K 074-076K 076-078K	1,482 963 699	77 68 63	5.20 7.06 9.01	1,404 895 634	94.74 92.94 90.70	1 1 2	.07 .29
078-080K 080-082K 082-084K	455 282 176	42 34 26	9.23 12.06 14.77	412 248 150	90.55 87.94 85.23	1	.22
084-086K 086-088K 088-090K	112 86 48	17 14 5	15.18 16.28 10.42	95 72 43	84.82 83.72 89.58		
090-092K 092-094K 094-096K	37 23 16	5 1 1	13.51 4.35 6.25	32 22 15	86.49 95.65 93.75		
096-098K 098-100K 100K +	11 7 22	2 2 3	18.18 28.57 13.64	9 5 19	81.82 71.43 86.36		
TOTALS	40,154	8,326	20.74	31,794	79.18	34	.08

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.

2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1976

Table 17D

VEHICLE TYPE = 332000

BODY TYPE = 21 - PLATFORM OR FLAT BED<sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	2 4 26			2 4 25	100.00 100.00 96.15		
018-020K 020-022K 022-024K	60 184 485	7 54 190	11.67 29.35 39.18	53 130 295	88.33 70.65 60.82		
024-026K 026-028K 028-030K	905 1,737 1,976	505 1,210 1,406	55.80 69.66 71.15	398 527 570	43.98 30.34 28.85	2	.22
030-032K 032-034K 034-036K	1,564 1,274 1,112	1,009 644 399	64.51 50.55 35.88	555 630 713	35.49 49.45 64.12		
036-038K 038-040K 040-042K	1,091 1,061 1,053	315 215 145	28.87 20.26 13.77	775 844 908	71.04 79.55 86.23	1 2	.09 .19
042-044K 044-046K 046-048K	1,027 1,070 1,068	73 73 31	7.11 6.82 2.90	952 996 1,035	92.70 93.08 96.91	2 1 2	.19 .09 .19
048-050K 050-052K 052-054K	1,116 1,140 1,220	37 18 12	3.32 1.58 .98	1,077 1,118 1,207	96.51 98.07 98.93	2 4 1	.18 .35 .08
054-056K 056-058K 058-060K	1,234 1,284 1,357	11 8 12	.89 .62 .88	1,219 1,273 1,344	98.78 99.14 99.04	4 3 1	.32 .23 .07
060-062K 062-064K 064-066K	1,503 1,603 1,726	9 7 10	.60 .44 .58	1,493 1,595 1,716	99.33 99.50 99.42	1 1	.07 .06
066-068K 068-070K 070-072K	1,791 1,920 1,791	8 5 11	.45 .26 .61	1,780 1,914 1,779	99.39 99.69 99.33	3 1 1	.17 .05 .06
072-074K 074-076K 076-078K	1,248 825 579	2 5 3	.16 .61 .52	1,246 820 575	99.84 99.39 99.31		
078-080K 080-082K 082-084K	380 266 183	2 4	.53 2.19	376 266 179	98.95 100.00 97.81	2	.53
084-086K 086-088K 088-090K	110 81 49	4	4.94	110 76 49	100.00 93.83 100.00	1	1.23
090-092K 092-094K 094-096K	46 23 16			46 23 16	100.00 100.00 100.00		
096-098K 098-100K 100K +	11 7 24	1 1	9.09 4.17	10 7 23	90.91 100.00 95.83		
TOTALS	37,232	6,447	17.32	30,749	82.59	36	.10

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.

2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.

3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

**GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS  
3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER**

DATA YEAR 1975

Table 17E

VEHICLE TYPE = 332000

BODY TYPE = 21 - PLATFORM OR FLAT BED<sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	1 1 8			1 1 5	100.00 100.00 62.50		
018-020K 020-022K 022-024K	27 114 255	11 72 156	40.74 63.16 61.18	16 42 99	59.26 36.84 38.82		
024-026K 026-028K 028-030K	744 1,868 2,002	516 1,439 1,467	69.35 77.03 73.28	226 429 534	30.38 22.97 26.67	2 1	.27 .05
030-032K 032-034K 034-036K	1,496 1,291 1,115	954 709 459	63.77 54.92 41.17	541 581 656	36.16 45.00 58.83	1 1	.07 .08
036-038K 038-040K 040-042K	982 1,001 984	320 226 145	32.59 22.58 14.74	661 771 839	67.31 77.02 85.26	1 4	.10 .40
042-044K 044-046K 046-048K	941 1,005 1,014	71 75 27	7.55 7.46 2.66	869 930 985	92.35 92.54 97.14	1 2	.11 .20
048-050K 050-052K 052-054K	1,104 1,106 1,218	35 13 15	3.17 1.18 1.23	1,067 1,089 1,202	96.65 98.46 98.69	2 4 1	.18 .36 .08
054-056K 056-058K 058-060K	1,226 1,256 1,256	10 10 8	.82 .80 .64	1,213 1,243 1,246	98.94 98.96 99.20	3 3 2	.24 .24 .16
060-062K 062-064K 064-066K	1,244 1,364 1,377	7 4 6	.56 .29 .44	1,235 1,359 1,370	99.28 99.63 99.49	2 1 1	.16 .07 .07
066-068K 068-070K 070-072K	1,568 1,811 1,737	5 3 7	.32 .17 .40	1,560 1,805 1,729	99.49 99.67 99.54	3 3 1	.19 .17 .06
072-074K 074-076K 076-078K	1,203 674 428	2 4 4	.17 .59 .93	1,201 668 423	99.83 99.11 98.83	2 1	.30 .23
078-080K 080-082K 082-084K	294 211 152	1 3	.34 1.97	291 211 149	98.98 100.00 98.03	2	.68
084-086K 086-088K 088-090K	105 79 50	2	2.53	105 76 50	100.00 96.20 100.00	1	1.27
090-092K 092-094K 094-096K	37 27 16			37 27 16	100.00 100.00 100.00		
096-098K 098-100K 100K +	14 8 19	1 1 1	7.14 12.50 5.26	13 7 18	92.86 87.50 94.74		
TOTALS	34,433	6,792	19.73	27,596	80.14	45	.13

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
 2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1979

Table 18A

VEHICLE TYPE = 332000

BODY TYPE = 41 - NON-INSULATED VANS <sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	2 5	3	60.00	2 2	100.00 40.00		
018-020K 020-022K 022-024K	17 75 196	16 73 184	94.12 97.33 93.88	2 12	2.67 6.12	1	5.88
024-026K 026-028K 028-030K	549 1,254 1,531	530 1,207 1,402	96.54 96.25 91.57	17 46 128	3.10 3.67 8.36	2 1 1	.36 .08 .07
030-032K 032-034K 034-036K	877 625 393	723 396 169	82.44 63.36 43.00	154 224 222	17.56 35.84 56.49	5 2	.80 .51
036-038K 038-040K 040-042K	346 298 292	103 67 40	29.77 22.48 13.70	243 228 251	70.23 76.51 85.96	3 1	1.01 .34
042-044K 044-046K 046-048K	290 276 308	18 10 7	6.21 3.62 2.27	269 264 298	92.76 95.65 96.75	3 2 3	1.03 .72 .97
048-050K 050-052K 052-054K	288 307 313	4 5 1	1.39 1.63 .32	283 302 311	98.26 98.37 99.36	1 1	.35 .32
054-056K 056-058K 058-060K	349 396 432	1 1	.25 .23	349 395 429	100.00 99.75 99.31	2	.46
060-062K 062-064K 064-066K	477 559 598	2 3 5	.42 .54 .84	473 555 593	99.16 99.28 99.16	2 1	.42 .18
066-068K 068-070K 070-072K	755 983 1,184	3 2 6	.40 .20 .51	750 979 1,177	99.34 99.59 99.41	2 2 1	.26 .20 .08
072-074K 074-076K 076-078K	1,062 796 723	7 2 7	.66 .25 .97	1,053 793 714	99.15 99.62 98.76	2 1 2	.19 .13 .28
078-080K 080-082K 082-084K	378 217 116	2	.53	376 217 116	99.47 100.00 100.00		
084-086K 086-088K 088-090K	69 38 36			69 38 36	100.00 100.00 100.00		
090-092K 092-094K 094-096K	15 11 5			15 11 5	100.00 100.00 100.00		
096-098K 098-100K 100K +	7 6 28	1	3.57	7 6 27	100.00 100.00 96.43		
TOTALS	17,482	5,000	28.60	12,441	71.16	41	.23

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
 2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.



# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1978

Table 18B

VEHICLE TYPE = 332000

BODY TYPE = 41 - NON-INSULATED VANS <sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	2 3	3	100.00	2	100.00		
018-020K 020-022K 022-024K	15 50 179	13 49 173	86.67 98.00 96.65	1 1 6	6.67 2.00 3.35	1	6.67
024-026K 026-028K 028-030K	530 1,229 1,406	497 1,152 1,256	93.77 93.73 89.33	31 76 149	5.85 6.18 10.60	2 1 1	.38 .08 .07
030-032K 032-034K 034-036K	868 607 371	705 400 178	81.22 65.90 47.98	163 203 189	18.78 33.44 50.94	4 4	.66 1.08
036-038K 038-040K 040-042K	322 299 308	112 93 46	34.78 31.10 14.94	209 203 261	64.91 67.89 84.74	1 3 1	.31 1.00 .32
042-044K 044-046K 046-048K	285 275 312	18 19 11	6.32 6.91 3.53	264 254 297	92.63 92.36 95.19	3 2 4	1.05 .73 1.28
048-050K 050-052K 052-054K	287 302 309	2 2 5	.70 .66 1.62	284 298 302	98.95 98.68 97.73	1 2 2	.35 .66 .65
054-056K 056-058K 058-060K	297 365 395	4 3 3	1.35 .82 .76	293 362 389	98.65 99.18 98.48	3	.76
060-062K 062-064K 064-066K	489 545 626	4 3 3	.82 .55 .48	484 540 622	98.98 99.08 99.36	1 2 1	.20 .37 .16
066-068K 068-070K 070-072K	770 1,027 1,195	1 1 4	.13 .10 .33	766 1,024 1,187	99.48 99.71 99.33	3 2 4	.39 .19 .33
072-074K 074-076K 076-078K	1,002 722 653	5 4	.50 .61	994 722 647	99.20 100.00 99.08	3 2	.30 .31
078-080K 080-082K 082-084K	329 207 99	2	.97	329 204 99	100.00 98.55 100.00	1	.48
084-086K 086-088K 088-090K	65 42 35			65 42 35	100.00 100.00 100.00		
090-092K 092-094K 094-096K	16 13 6			16 13 6	100.00 100.00 100.00		
096-098K 098-100K 100K +	4 6 15	1	6.67	4 6 14	100.00 100.00 93.33		
<b>TOTALS</b>	<b>16,882</b>	<b>4,772</b>	<b>28.27</b>	<b>12,056</b>	<b>71.41</b>	<b>54</b>	<b>.32</b>

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
 2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1977

Table 18C

VEHICLE TYPE = 332000

BODY TYPE = 41 - NON-INSULATED VANS<sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	4 17	2	11.76	4 15	100.00 88.24		
018-020K 020-022K 022-024K	44 145 367	11 54 221	25.00 37.24 60.22	33 91 146	75.00 62.76 39.78		
024-026K 026-028K 028-030K	727 1,302 1,359	563 1,179 1,233	77.44 90.55 90.73	164 123 126	22.56 9.45 9.27		
030-032K 032-034K 034-036K	833 576 410	694 380 222	83.31 65.97 54.15	139 196 186	16.69 34.03 45.37	2	.49
036-038K 038-040K 040-042K	353 299 306	143 98 52	40.51 32.78 16.99	209 201 254	59.21 67.22 83.01	1	.28
042-044K 044-046K 046-048K	270 239 321	28 27 28	10.37 11.30 8.72	242 212 292	89.63 88.70 90.97	1	.31
048-050K 050-052K 052-054K	260 302 355	13 24 27	5.00 7.95 7.61	245 277 326	94.23 91.72 91.83	2 1 2	.77 .33 .56
054-056K 056-058K 058-060K	320 411 449	27 24 36	8.44 5.84 8.02	293 386 412	91.56 93.92 91.76	1 1	.24 .22
060-062K 062-064K 064-066K	519 531 629	24 31 29	4.62 5.84 4.61	494 498 599	95.18 93.79 95.23	1 2 1	.19 .38 .16
066-068K 068-070K 070-072K	766 984 1,126	40 35 50	5.22 3.56 4.44	725 948 1,073	94.65 96.34 95.29	1 1 3	.13 .10 .27
072-074K 074-076K 076-078K	881 588 434	43 59 48	4.88 10.03 11.06	836 529 385	94.89 89.97 88.71	2 1	.23 .23
078-080K 080-082K 082-084K	233 153 106	40 34 27	17.17 22.22 25.47	193 119 79	82.83 77.78 74.53		
084-086K 086-088K 088-090K	71 58 27	21 18 8	29.58 31.03 29.63	50 40 19	70.42 68.97 70.37		
090-092K 092-094K 094-096K	26 23 12	12 10 5	46.15 43.48 41.67	14 13 7	53.85 56.52 58.33		
096-098K 098-100K 100K +	9 4 20	6 1 4	66.67 25.00 20.00	3 3 16	33.33 75.00 80.00		
TOTALS	16,869	5,631	33.38	11,215	66.48	23	.14

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
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**GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS  
3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER**

DATA YEAR 1976

Table 18D

VEHICLE TYPE = 332000

BODY TYPE = 41 - NON-INSULATED VANS <sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	4 18	2	11.11	4 16	100.00 88.89		
018-020K 020-022K 022-024K	44 157 395	12 66 247	27.27 42.04 62.53	32 91 148	72.73 57.96 37.47		
024-026K 026-028K 028-030K	707 1,197 1,147	535 1,069 1,004	75.67 89.31 87.53	172 127 143	24.33 10.61 12.47	1	.08
030-032K 032-034K 034-036K	716 484 402	574 295 185	80.17 60.95 46.02	142 189 217	19.83 39.05 53.98		
036-038K 038-040K 040-042K	296 271 260	104 62 40	35.14 22.88 15.38	190 208 217	64.19 76.75 83.46	2 1 3	.68 .37 1.15
042-044K 044-046K 046-048K	220 219 235	22 9 6	10.00 4.11 2.55	198 209 228	90.00 95.43 97.02	1 1	.46 .43
048-050K 050-052K 052-054K	208 259 309	7 8 4	3.37 3.09 1.29	200 251 303	96.15 96.91 98.06	1 2	.48 .65
054-056K 056-058K 058-060K	316 373 417	4 2	1.27 .54	311 368 415	98.42 98.66 99.52	1 3 2	.32 .80 .48
060-062K 062-064K 064-066K	472 486 543	2 3 2	.42 .62 .37	468 483 540	99.15 99.38 99.45	2 1	.42 .18
066-068K 068-070K 070-072K	672 780 849	5 2 4	.74 .26 .47	667 777 844	99.26 99.62 99.41	1 1	.13 .12
072-074K 074-076K 076-078K	734 479 337	4 1	.54 .21	729 477 336	99.32 99.58 99.70	1 1 1	.14 .21 .30
078-080K 080-082K 082-084K	208 136 98	1	.48	207 136 98	99.52 100.00 100.00		
084-086K 086-088K 088-090K	67 50 21	1	1.49	66 50 21	98.51 100.00 100.00		
090-092K 092-094K 094-096K	28 19 16			28 19 16	100.00 100.00 100.00		
096-098K 098-100K 100K +	15 3 24	1	6.67	14 3 24	93.33 100.00 100.00		
TOTALS	14,691	4,283	29.15	10,382	70.67	26	.18

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
 2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

# GROSS VEHICLE WEIGHTS BY VEHICLE TYPE, BODY TYPE, AND LOAD STATUS 3-AXLE TRACTOR PLUS A 2-AXLE SEMITRAILER

DATA YEAR 1975

Table 18E

VEHICLE TYPE = 332000

BODY TYPE = 41 - NON-INSULATED VANS <sup>1</sup>

RANGE WEIGHT 2/	SAMPLE TOTAL	COUNT EMPTY	PERCENT	COUNT LOADED	PERCENT	COUNT OTHER 3/	PERCENT
000-002K 002-004K 004-006K							
006-008K 008-010K 010-012K							
012-014K 014-016K 016-018K	1 2 4	1 2	50.00 50.00	1 1 2	100.00 50.00 50.00		
018-020K 020-022K 022-024K	24 85 292	16 68 253	66.67 80.00 86.64	8 17 39	33.33 20.00 13.36		
024-026K 026-028K 028-030K	687 1,308 1,224	621 1,225 1,096	90.39 93.65 89.54	66 82 128	9.61 6.27 10.46	1	.08
030-032K 032-034K 034-036K	700 461 363	581 319 180	83.00 69.20 49.59	119 142 183	17.00 30.80 50.41		
036-038K 038-040K 040-042K	273 273 252	107 71 46	39.19 26.01 18.25	164 201 203	60.07 73.63 80.56	2 1 3	.73 .37 1.19
042-044K 044-046K 046-048K	224 240 243	24 6 8	10.71 2.50 3.29	200 232 234	89.29 96.67 96.30	2 1	.83 .41
048-050K 050-052K 052-054K	261 273 291	8 5 4	3.07 1.83 1.37	252 266 285	96.55 97.44 97.94	1 2 2	.38 .73 .69
054-056K 056-058K 058-060K	316 378 402	4 1	1.27 .26	310 376 400	98.10 99.47 99.50	2 1 2	.63 .26 .50
060-062K 062-064K 064-066K	452 495 564	2 1 1	.44 .20 .18	448 494 560	99.12 99.80 99.29	2 3	.44 .53
066-068K 068-070K 070-072K	677 829 872	2 2 4	.30 .24 .46	675 826 867	99.70 99.64 99.43	1 1	.12 .11
072-074K 074-076K 076-078K	704 418 255	1 1	.14 .24	702 416 254	99.72 99.52 99.61	1 1 1	.14 .24 .39
078-080K 080-082K 082-084K	157 96 55	1	.64	155 96 55	98.73 100.00 100.00	1	.64
084-086K 086-088K 088-090K	38 24 13	1	2.63	37 24 13	97.37 100.00 100.00		
090-092K 092-094K 094-096K	16 12 8			16 12 8	100.00 100.00 100.00		
096-098K 098-100K 100K +	13 3 15			13 3 15	100.00 100.00 100.00		
TOTALS	14,293	4,662	32.62	9,600	67.17	31	.22

1/ VEHICLE TYPE 332000 IS A COMBINATION OF A 3-AXLE TRACTOR PULLING A 2-AXLE SEMITRAILER.  
 2/ EACH WEIGHT RANGE GROUP INCLUDES THE LOWER LIMIT AND ALL WEIGHTS UP TO, BUT NOT INCLUDING, THE UPPER LIMIT.  
 3/ THIS GROUP INCLUDES TRUCKS THAT DO NOT CARRY A PAYLOAD, BUT ARE HEAVIER THAN EMPTY VEHICLES, I.E., TRUCKS MOUNTED WITH EQUIPMENT, UTILITY COMPANY SERVICE TRUCKS, ETC.

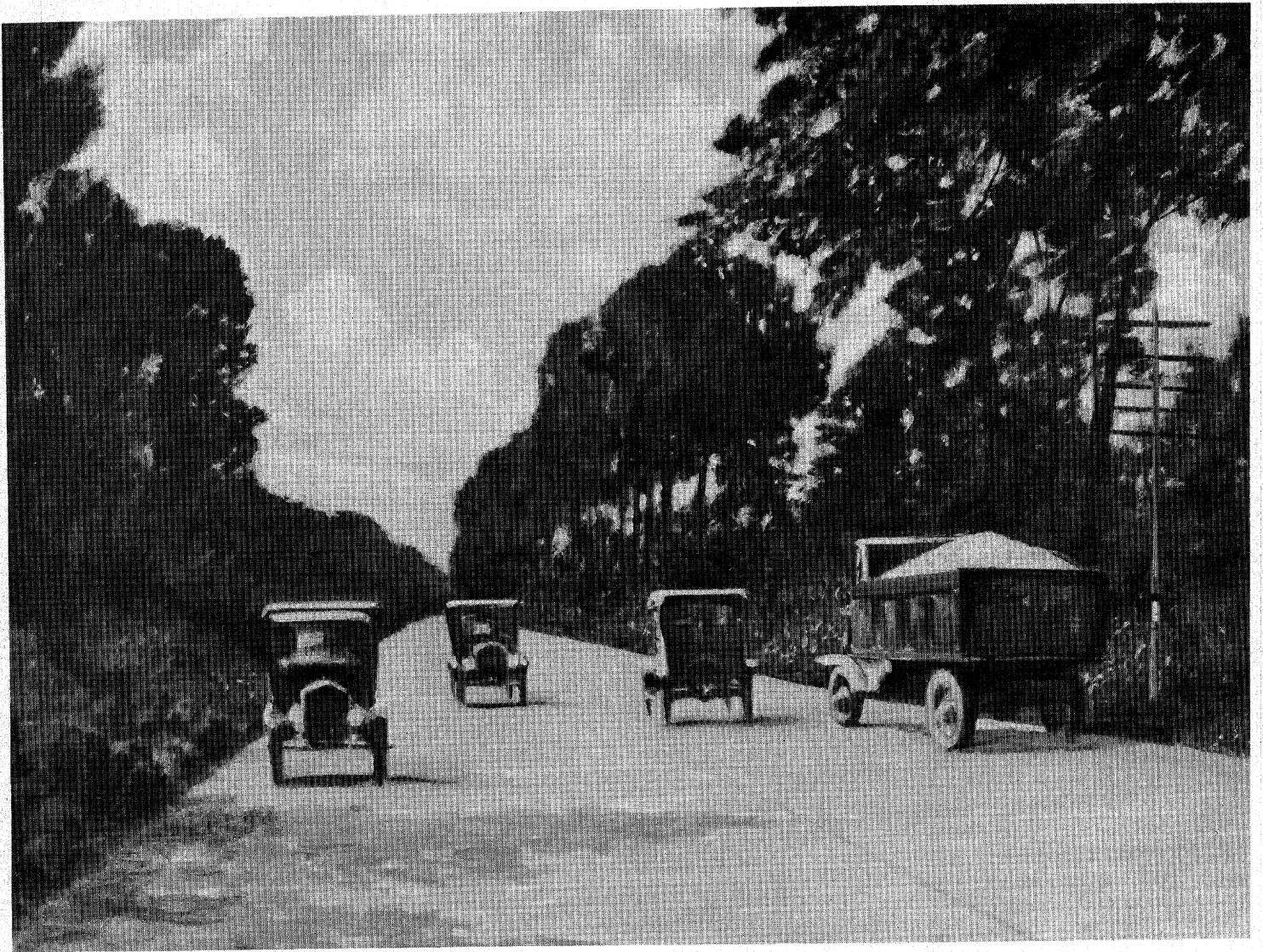




## Section IV

### Fuel Type Distributions by Vehicle Type

These tables indicate the types of fuels used by various vehicle types by class of operation and highway system.



1913—THE LINCOLN HIGHWAY



PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION

INTERSTATE RURAL ROADS

DATA YEAR 1979

Table 19A

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	10,826	497	15	119	208	132
PERCENT	85.07	28.43	7.11	12.38	7.16	0.77
DIESEL ENGINE NUMBER	1,900	1,251	196	842	2,697	17,028
PERCENT	14.93	71.57	92.89	87.62	92.84	99.23
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,049	136	-	56	91	94
PERCENT	61.60	18.09	0.00	6.96	2.10	0.24
DIESEL ENGINE NUMBER	654	616	23	749	4,252	38,548
PERCENT	38.40	81.91	100.00	93.04	97.90	99.76
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	865	48	1	12	16	22
PERCENT	70.79	18.97	12.50	8.33	3.49	0.50
DIESEL ENGINE NUMBER	357	205	7	132	443	4,342
PERCENT	29.21	81.03	87.50	91.67	96.51	99.50
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	384	30	-	14	17	11
PERCENT	91.87	49.18	0.00	28.00	9.24	0.64
DIESEL ENGINE NUMBER	34	31	1	36	167	1,701
PERCENT	8.13	50.82	100.00	72.00	90.76	99.36
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	13,124	711	16	201	332	259
PERCENT	81.67	25.27	6.58	10.26	4.21	0.42
DIESEL ENGINE NUMBER	2,945	2,103	227	1,759	7,559	61,619
PERCENT	18.33	74.73	93.42	89.74	95.79	99.58

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
 3-AXLE INCLUDES: 230000  
 4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
 4-AXLE INCLUDES: 331000,322000  
 5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**INTERSTATE RURAL ROADS**

**DATA YEAR 1978**

Table 19B

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	11,696	616	17	140	238	139
PERCENT	90.47	33.77	9.44	13.49	7.89	0.86
DIESEL ENGINE NUMBER	1,232	1,208	163	898	2,779	15,974
PERCENT	9.53	66.23	90.56	86.51	92.11	99.14
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	809	86	1	79	111	112
PERCENT	71.21	18.30	3.33	9.53	2.57	0.32
DIESEL ENGINE NUMBER	327	384	29	750	4,206	34,824
PERCENT	28.79	81.70	96.67	90.47	97.43	99.68
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,146	115	-	16	16	21
PERCENT	84.39	38.08	0.00	9.76	2.63	0.44
DIESEL ENGINE NUMBER	212	187	7	148	592	4,744
PERCENT	15.61	61.92	100.00	90.24	97.37	99.56
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	508	21	4	6	13	12
PERCENT	83.69	20.19	66.67	8.96	5.99	0.47
DIESEL ENGINE NUMBER	99	83	2	61	204	2,549
PERCENT	16.31	79.81	33.33	91.04	94.01	99.53
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	14,159	838	22	241	378	284
PERCENT	88.33	31.04	9.87	11.49	4.63	0.49
DIESEL ENGINE NUMBER	1,870	1,862	201	1,857	7,781	58,091
PERCENT	11.67	68.96	90.13	88.51	95.37	99.51

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**  
**INTERSTATE RURAL ROADS**  
**DATA YEAR 1977**

Table 19C

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	12,837	729	21	150	230	117
PERCENT	92.85	41.56	14.69	15.59	8.48	0.82
DIESEL ENGINE NUMBER	989	1,025	122	812	2,482	14,093
PERCENT	7.15	58.44	85.31	84.41	91.52	99.18
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	909	91	1	87	120	95
PERCENT	74.81	18.76	4.55	10.98	2.94	0.30
DIESEL ENGINE NUMBER	306	394	21	705	3,959	31,340
PERCENT	25.19	81.24	95.45	89.02	97.06	99.70
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,185	110	-	21	20	20
PERCENT	88.17	39.01	0.00	13.91	4.16	0.55
DIESEL ENGINE NUMBER	159	172	6	130	461	3,636
PERCENT	11.83	60.99	100.00	86.09	95.84	99.45
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	515	20	4	6	13	10
PERCENT	95.55	37.04	66.67	15.00	7.30	0.63
DIESEL ENGINE NUMBER	24	34	2	34	165	1,586
PERCENT	4.45	62.96	33.33	85.00	92.70	99.37
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	15,446	950	26	264	383	242
PERCENT	91.27	36.89	14.69	13.57	5.14	0.48
DIESEL ENGINE NUMBER	1,478	1,625	151	1,681	7,067	50,655
PERCENT	8.73	63.11	85.31	86.43	94.86	99.52
<p>1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:</p> <p>SINGLE UNIT  2-AXLE INCLUDES: 200000,210000,220000  3-AXLE INCLUDES: 230000  4-AXLE INCLUDES: 240000,250000</p> <p>TRACTOR TRAILER COMBINATIONS  3-AXLE INCLUDES: 321000  4-AXLE INCLUDES: 331000,322000  5-AXLE INCLUDES: 332000,521200,323000</p>						

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**INTERSTATE RURAL ROADS**

**DATA YEAR 1976**

Table 19D

CLASS OF OPERATION	TRUCK TYPE <sup>1/</sup>					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	13,714	855	29	182	283	147
PERCENT	93.62	46.70	17.37	17.50	9.91	1.07
DIESEL ENGINE NUMBER	935	976	138	858	2,574	13,613
PERCENT	6.38	53.30	82.63	82.50	90.09	98.93
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	741	80	10	110	120	83
PERCENT	76.00	21.22	17.86	13.89	3.36	0.32
DIESEL ENGINE NUMBER	234	297	46	682	3,449	25,464
PERCENT	24.00	78.78	82.14	86.11	96.64	99.68
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	945	68	-	26	21	22
PERCENT	89.83	35.60	0.00	20.16	5.13	0.80
DIESEL ENGINE NUMBER	107	123	2	103	388	2,742
PERCENT	10.17	64.40	100.00	79.84	94.87	99.20
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	560	51	-	20	24	15
PERCENT	98.07	62.20	0.00	24.69	10.71	0.78
DIESEL ENGINE NUMBER	11	31	4	61	200	1,896
PERCENT	1.93	37.80	100.00	75.31	89.29	99.22
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	15,960	1,054	39	338	448	267
PERCENT	92.54	42.48	17.03	16.55	6.35	0.61
DIESEL ENGINE NUMBER	1,287	1,427	190	1,704	6,611	43,715
PERCENT	7.46	57.52	82.97	83.45	93.65	99.39
<sup>1/</sup> TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES: SINGLE UNIT 2-AXLE INCLUDES: 200000,210000,220000 3-AXLE INCLUDES: 230000 4-AXLE INCLUDES: 240000,250000  TRACTOR TRAILER COMBINATIONS 3-AXLE INCLUDES: 321000 4-AXLE INCLUDES: 331000,322000 5-AXLE INCLUDES: 332000,521200,323000						

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**INTERSTATE RURAL ROADS**

**DATA YEAR 1975**

Table 19E

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	15,943	1,056	25	239	336	184
PERCENT	93.75	47.91	15.34	20.60	11.12	1.29
DIESEL ENGINE NUMBER	1,062	1,148	138	921	2,685	14,091
PERCENT	6.25	52.09	84.66	79.40	88.88	98.71
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,004	161	10	141	149	150
PERCENT	69.43	23.78	18.18	11.87	3.10	0.43
DIESEL ENGINE NUMBER	442	516	45	1,047	4,660	34,743
PERCENT	30.57	76.22	81.82	88.13	96.90	99.57
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,307	126	1	29	32	35
PERCENT	90.83	42.28	11.11	16.57	6.41	1.12
DIESEL ENGINE NUMBER	132	172	8	146	467	3,083
PERCENT	9.17	57.72	88.89	83.43	93.59	98.88
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	569	52	-	21	25	15
PERCENT	98.27	63.41	0.00	25.61	11.11	0.78
DIESEL ENGINE NUMBER	10	30	4	61	200	1,899
PERCENT	1.73	36.59	100.00	74.39	88.89	99.22
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	18,823	1,395	36	430	542	384
PERCENT	91.96	42.78	15.58	16.51	6.34	0.71
DIESEL ENGINE NUMBER	1,646	1,866	195	2,175	8,012	53,816
PERCENT	8.04	57.22	84.42	83.49	93.66	99.29

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT  
 2-AXLE INCLUDES: 200000,210000,220000  
 3-AXLE INCLUDES: 230000  
 4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS  
 3-AXLE INCLUDES: 321000  
 4-AXLE INCLUDES: 331000,322000  
 5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**MAIN RURAL ROADS**

**DATA YEAR 1979**

Table 20A

CLASS OF OPERATION	TRUCK TYPE <sup>1/</sup>					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	36,291	1,296	69	207	405	297
PERCENT	89.26	25.20	9.09	13.41	8.04	1.06
DIESEL ENGINE NUMBER	4,365	3,847	690	1,337	4,632	27,676
PERCENT	10.74	74.80	90.91	86.59	91.96	98.94
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,769	283	-	111	179	171
PERCENT	72.11	20.14	0.00	8.82	2.81	0.33
DIESEL ENGINE NUMBER	1,071	1,122	61	1,148	6,180	51,614
PERCENT	27.89	79.86	100.00	91.18	97.19	99.67
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,640	146	2	24	41	40
PERCENT	74.58	22.92	8.33	11.37	6.01	0.62
DIESEL ENGINE NUMBER	559	491	22	187	641	6,415
PERCENT	25.42	77.08	91.67	88.63	93.99	99.38
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	910	50	-	20	21	16
PERCENT	93.62	50.00	0.00	32.79	9.55	0.76
DIESEL ENGINE NUMBER	62	50	5	41	199	2,101
PERCENT	6.38	50.00	100.00	67.21	90.45	99.24
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	41,610	1,775	71	362	646	524
PERCENT	87.29	24.37	8.36	11.77	5.25	0.59
DIESEL ENGINE NUMBER	6,057	5,510	778	2,713	11,652	87,806
PERCENT	12.71	75.63	91.64	88.23	94.75	99.41

<sup>1/</sup> TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT  
 2-AXLE INCLUDES: 200000,210000,220000  
 3-AXLE INCLUDES: 230000  
 4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS  
 3-AXLE INCLUDES: 321000  
 4-AXLE INCLUDES: 331000,322000  
 5-AXLE INCLUDES: 332000,521200,323000



PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION

MAIN RURAL ROADS

DATA YEAR 1978

Table 20B

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	38,739	1,661	83	267	499	320
PERCENT	92.83	31.38	12.05	15.86	9.19	1.17
DIESEL ENGINE NUMBER	2,994	3,633	606	1,416	4,930	27,095
PERCENT	7.17	68.62	87.95	84.14	90.81	98.83
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,790	190	5	156	202	241
PERCENT	74.80	18.30	4.17	12.02	3.12	0.50
DIESEL ENGINE NUMBER	603	848	115	1,142	6,279	48,221
PERCENT	25.20	81.70	95.83	87.98	96.88	99.50
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,480	284	1	35	44	41
PERCENT	86.62	35.99	5.56	15.15	4.88	0.59
DIESEL ENGINE NUMBER	383	505	17	196	857	6,962
PERCENT	13.38	64.01	94.44	84.85	95.12	99.41
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	991	36	5	12	21	19
PERCENT	89.93	26.47	55.56	12.12	8.02	0.59
DIESEL ENGINE NUMBER	111	100	4	87	241	3,215
PERCENT	10.07	73.53	44.44	87.88	91.98	99.41
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	44,000	2,171	94	470	766	621
PERCENT	91.49	29.92	11.24	14.20	5.86	0.72
DIESEL ENGINE NUMBER	4,091	5,086	742	2,841	12,307	85,493
PERCENT	8.51	70.08	88.76	85.80	94.14	99.28
<p>1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:</p> <p>SINGLE UNIT</p> <p>2-AXLE INCLUDES: 200000,210000,220000</p> <p>3-AXLE INCLUDES: 230000</p> <p>4-AXLE INCLUDES: 240000,250000</p> <p>TRACTOR TRAILER COMBINATIONS</p> <p>3-AXLE INCLUDES: 321000</p> <p>4-AXLE INCLUDES: 331000,322000</p> <p>5-AXLE INCLUDES: 332000,521200,323000</p>						

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**MAIN RURAL ROADS**

**DATA YEAR 1977**

Table 20C

CLASS OF OPERATION	TRUCK TYPE <sup>1/</sup>					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	41,242	2,080	75	287	541	307
PERCENT	94.68	41.07	10.92	18.07	11.24	1.19
DIESEL ENGINE NUMBER	2,316	2,984	612	1,301	4,272	25,389
PERCENT	5.32	58.93	89.08	81.93	88.76	98.81
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,839	200	6	172	219	214
PERCENT	76.15	19.42	5.77	13.71	3.64	0.48
DIESEL ENGINE NUMBER	576	830	98	1,083	5,791	44,683
PERCENT	23.85	80.58	94.23	86.29	96.36	99.52
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,690	281	2	39	49	44
PERCENT	88.78	36.88	8.70	17.18	6.31	0.73
DIESEL ENGINE NUMBER	340	481	21	188	727	5,970
PERCENT	11.22	63.12	91.30	82.82	93.69	99.27
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	1,045	36	5	12	21	17
PERCENT	96.49	40.00	38.46	17.14	9.42	0.81
DIESEL ENGINE NUMBER	38	54	8	58	202	2,077
PERCENT	3.51	60.00	61.54	82.86	90.58	99.19
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	46,816	2,597	88	510	830	582
PERCENT	93.47	37.39	10.64	16.24	7.02	0.74
DIESEL ENGINE NUMBER	3,270	4,349	739	2,630	10,992	78,119
PERCENT	6.53	62.61	89.36	83.76	92.98	99.26

<sup>1/</sup> TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**MAIN RURAL ROADS**

**DATA YEAR 1976**

Table 20D

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	42,360	2,214	113	366	614	350
PERCENT	95.29	45.27	18.28	21.43	12.19	1.46
DIESEL ENGINE NUMBER	2,095	2,677	505	1,342	4,424	23,633
PERCENT	4.71	54.73	81.72	78.57	87.81	98.54
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,537	201	35	192	250	165
PERCENT	76.54	25.61	31.82	15.50	4.54	0.45
DIESEL ENGINE NUMBER	471	584	75	1,047	5,252	36,710
PERCENT	23.46	74.39	68.18	84.50	95.46	99.55
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,787	169	1	46	56	50
PERCENT	89.31	29.60	4.00	21.60	8.33	0.98
DIESEL ENGINE NUMBER	214	402	24	167	616	5,037
PERCENT	10.69	70.40	96.00	78.40	91.67	99.02
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	1,218	67	-	28	39	25
PERCENT	97.83	52.76	0.00	26.42	12.38	0.97
DIESEL ENGINE NUMBER	27	60	11	78	276	2,565
PERCENT	2.17	47.24	100.00	73.58	87.62	99.03
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	46,902	2,651	149	632	959	590
PERCENT	94.35	41.59	19.50	19.35	8.32	0.86
DIESEL ENGINE NUMBER	2,807	3,723	615	2,634	10,568	67,945
PERCENT	5.65	58.41	80.50	80.65	91.68	99.14

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000

3-AXLE INCLUDES: 230000

4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000

4-AXLE INCLUDES: 331000,322000

5-AXLE INCLUDES: 332000,521200,323000

PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION

MAIN RURAL ROADS

DATA YEAR 1975

Table 20E

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	48,228	2,577	114	472	725	445
PERCENT	95.68	48.25	20.65	24.89	13.72	1.84
DIESEL ENGINE NUMBER	2,175	2,764	438	1,424	4,558	23,800
PERCENT	4.32	51.75	79.35	75.11	86.28	98.16
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,950	315	38	226	298	267
PERCENT	72.52	25.78	34.23	13.19	4.29	0.56
DIESEL ENGINE NUMBER	739	907	73	1,488	6,656	47,467
PERCENT	27.48	74.22	65.77	86.81	95.71	99.44
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,944	314	5	61	71	67
PERCENT	91.86	35.52	12.50	21.33	7.84	1.15
DIESEL ENGINE NUMBER	261	570	35	225	835	5,765
PERCENT	8.14	64.48	87.50	78.67	92.16	98.85
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	1,228	68	-	29	40	25
PERCENT	97.54	55.74	0.00	26.85	12.35	0.97
DIESEL ENGINE NUMBER	31	54	5	79	284	2,552
PERCENT	2.46	44.26	100.00	73.15	87.65	99.03
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	54,350	3,274	157	788	1,134	804
PERCENT	94.43	43.26	22.18	19.68	8.42	1.00
DIESEL ENGINE NUMBER	3,206	4,295	551	3,216	12,333	79,584
PERCENT	5.57	56.74	77.82	80.32	91.58	99.00

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**URBAN ROADS  
DATA YEAR 1979**

Table 21A

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	16,775	310	17	91	105	54
PERCENT	91.06	20.27	9.29	22.09	9.27	1.29
DIESEL ENGINE NUMBER	1,646	1,219	166	321	1,028	4,124
PERCENT	8.94	79.73	90.71	77.91	90.73	98.71
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,554	103	1	105	78	47
PERCENT	78.64	22.94	7.69	22.88	5.27	0.91
DIESEL ENGINE NUMBER	422	346	12	354	1,403	5,140
PERCENT	21.36	77.06	92.31	77.12	94.73	99.09
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	723	28	1	10	16	13
PERCENT	83.97	13.59	16.67	14.49	6.58	2.10
DIESEL ENGINE NUMBER	138	178	5	59	227	607
PERCENT	16.03	86.41	83.33	85.51	93.42	97.90
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	73	5	-	-	2	1
PERCENT	93.59	33.33	0.00	0.00	12.50	0.62
DIESEL ENGINE NUMBER	5	10	-	4	14	160
PERCENT	6.41	66.67	0.00	100.00	87.50	99.38
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	19,125	446	19	206	201	115
PERCENT	89.64	20.28	9.41	21.82	7.00	1.13
DIESEL ENGINE NUMBER	2,211	1,753	183	738	2,672	10,031
PERCENT	10.36	79.72	90.59	78.18	93.00	98.87

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**URBAN ROADS  
DATA YEAR 1978**

Table 21B

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	18,223	383	18	104	120	69
PERCENT	93.23	24.61	10.78	24.59	9.97	1.66
DIESEL ENGINE NUMBER	1,324	1,173	149	319	1,084	4,091
PERCENT	6.77	75.39	89.22	75.41	90.03	98.34
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	833	42	-	120	101	53
PERCENT	71.08	13.86	0.00	23.95	6.25	1.02
DIESEL ENGINE NUMBER	339	261	12	381	1,515	5,121
PERCENT	28.92	86.14	100.00	76.05	93.75	98.98
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,452	78	2	13	19	15
PERCENT	88.43	24.45	40.00	14.29	6.93	2.12
DIESEL ENGINE NUMBER	190	241	3	78	255	691
PERCENT	11.57	75.55	60.00	85.71	93.07	97.88
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	965	35	-	10	8	4
PERCENT	97.57	52.24	0.00	32.26	9.52	0.80
DIESEL ENGINE NUMBER	24	32	-	21	76	499
PERCENT	2.43	47.76	0.00	67.74	90.48	99.20
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	21,473	538	20	247	248	141
PERCENT	91.96	23.96	10.87	23.61	7.80	1.34
DIESEL ENGINE NUMBER	1,877	1,707	164	799	2,930	10,402
PERCENT	8.04	76.04	89.13	76.39	92.20	98.66

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS:

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000



**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**URBAN ROADS  
DATA YEAR 1977**

Table 21C

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	20,176	455	12	124	125	71
PERCENT	94.26	27.85	9.38	28.90	10.06	1.75
DIESEL ENGINE NUMBER	1,229	1,179	116	305	1,118	3,984
PERCENT	5.74	72.15	90.63	71.10	89.94	98.25
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	816	43	-	136	102	50
PERCENT	72.02	14.29	0.00	26.46	6.17	0.89
DIESEL ENGINE NUMBER	317	258	6	378	1,551	5,545
PERCENT	27.98	85.71	100.00	73.54	93.83	99.11
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,533	79	1	13	16	15
PERCENT	85.83	24.61	50.00	14.29	5.95	2.12
DIESEL ENGINE NUMBER	253	242	1	78	253	694
PERCENT	14.17	75.39	50.00	85.71	94.05	97.88
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	980	35	-	10	8	4
PERCENT	97.22	52.24	0.00	31.25	9.52	0.79
DIESEL ENGINE NUMBER	28	32	2	22	76	503
PERCENT	2.78	47.76	100.00	68.75	90.48	99.21
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	23,505	612	13	283	251	140
PERCENT	92.79	26.35	9.42	26.55	7.73	1.29
DIESEL ENGINE NUMBER	1,827	1,711	125	783	2,998	10,726
PERCENT	7.21	73.65	90.58	73.45	92.27	98.71

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**URBAN ROADS**

**DATA YEAR 1976**

Table 21D

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	19,884	510	13	127	159	75
PERCENT	94.73	29.86	11.11	26.96	11.90	1.99
DIESEL ENGINE NUMBER	1,107	1,198	104	344	1,177	3,702
PERCENT	5.27	70.14	88.89	73.04	88.10	98.01
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	979	75	3	196	115	60
PERCENT	75.66	21.55	23.08	29.74	6.49	1.15
DIESEL ENGINE NUMBER	315	273	10	463	1,656	5,173
PERCENT	24.34	78.45	76.92	70.26	93.51	98.85
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,036	54	-	22	19	22
PERCENT	83.41	22.31	0.00	30.56	6.71	3.50
DIESEL ENGINE NUMBER	206	188	1	50	264	606
PERCENT	16.59	77.69	100.00	69.44	93.29	96.50
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	800	30	-	10	10	5
PERCENT	98.52	52.63	0.00	38.46	20.83	2.23
DIESEL ENGINE NUMBER	12	27	2	16	38	219
PERCENT	1.48	47.37	100.00	61.54	79.17	97.77
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	22,699	669	16	355	303	162
PERCENT	93.26	28.41	12.03	28.91	8.81	1.64
DIESEL ENGINE NUMBER	1,640	1,686	117	873	3,135	9,700
PERCENT	6.74	71.59	87.97	71.09	91.19	98.36

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
 3-AXLE INCLUDES: 230000  
 4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
 4-AXLE INCLUDES: 331000,322000  
 5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**URBAN ROADS  
DATA YEAR 1975**

Table 21E

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	20,466	506	23	120	155	82
PERCENT	95.36	32.73	17.83	25.81	12.85	2.39
DIESEL ENGINE NUMBER	996	1,040	106	345	1,051	3,349
PERCENT	4.64	67.27	82.17	74.19	87.15	97.61
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	1,162	129	3	178	136	84
PERCENT	75.11	27.92	25.00	26.61	7.88	1.74
DIESEL ENGINE NUMBER	385	333	9	491	1,589	4,735
PERCENT	24.89	72.08	75.00	73.39	92.12	98.26
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	935	45	-	18	16	19
PERCENT	89.39	35.43	0.00	30.51	8.25	3.85
DIESEL ENGINE NUMBER	111	82	5	41	178	475
PERCENT	10.61	64.57	100.00	69.49	91.75	96.15
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	782	30	-	10	10	5
PERCENT	98.74	52.63	0.00	40.00	21.74	2.31
DIESEL ENGINE NUMBER	10	27	1	15	36	211
PERCENT	1.26	47.37	100.00	60.00	78.26	97.69
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	23,345	710	26	326	317	190
PERCENT	93.96	32.39	17.69	26.77	10.00	2.12
DIESEL ENGINE NUMBER	1,502	1,482	121	892	2,854	8,770
PERCENT	6.04	67.61	82.31	73.23	90.00	97.88
<p>1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:</p> <p>SINGLE UNIT</p> <p>2-AXLE INCLUDES: 200000,210000,220000</p> <p>3-AXLE INCLUDES: 230000</p> <p>4-AXLE INCLUDES: 240000,250000</p> <p>TRACTOR TRAILER COMBINATIONS</p> <p>3-AXLE INCLUDES: 321000</p> <p>4-AXLE INCLUDES: 331000,322000</p> <p>5-AXLE INCLUDES: 332000,521200,323000</p>						

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**TOTAL ROADS  
DATA YEAR 1979**

Table 22A

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	53,553	1,614	87	299	510	351
PERCENT	89.86	24.14	9.21	15.26	8.26	1.09
DIESEL ENGINE NUMBER	6,043	5,071	858	1,660	5,668	31,817
PERCENT	10.14	75.86	90.79	84.74	91.74	98.91
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	4,411	405	1	216	258	219
PERCENT	74.57	21.47	1.35	12.55	3.29	0.38
DIESEL ENGINE NUMBER	1,504	1,481	73	1,505	7,595	56,833
PERCENT	25.43	78.53	98.65	87.45	96.71	99.62
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,369	174	3	34	57	53
PERCENT	77.27	20.59	10.00	12.14	6.16	0.75
DIESEL ENGINE NUMBER	697	671	27	246	868	7,023
PERCENT	22.73	79.41	90.00	87.86	93.84	99.25
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	983	55	-	20	23	17
PERCENT	93.62	47.83	0.00	30.77	9.75	0.75
DIESEL ENGINE NUMBER	67	60	5	45	213	2,261
PERCENT	6.38	52.17	100.00	69.23	90.25	99.25
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	61,316	2,248	91	569	848	640
PERCENT	88.06	23.59	8.63	14.14	5.58	0.65
DIESEL ENGINE NUMBER	8,311	7,283	963	3,456	14,344	97,934
PERCENT	11.94	76.41	91.37	85.86	94.42	99.35

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**TOTAL ROADS  
DATA YEAR 1978**

Table 22B

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	57,498	2,061	102	371	620	389
PERCENT	92.98	29.98	11.85	17.62	9.34	1.23
DIESEL ENGINE NUMBER	4,338	4,813	759	1,735	6,021	31,207
PERCENT	7.02	70.02	88.15	82.38	90.66	98.77
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,652	235	5	277	305	295
PERCENT	73.69	17.34	3.79	15.38	3.76	0.55
DIESEL ENGINE NUMBER	947	1,120	127	1,524	7,810	53,397
PERCENT	26.31	82.66	96.21	84.62	96.24	99.45
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	4,011	368	3	48	63	56
PERCENT	87.46	32.92	13.04	14.91	5.35	0.73
DIESEL ENGINE NUMBER	575	750	20	274	1,114	7,668
PERCENT	12.54	67.08	86.96	85.09	94.65	99.27
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	1,957	71	5	22	29	23
PERCENT	93.55	34.98	55.56	16.92	8.38	0.62
DIESEL ENGINE NUMBER	135	132	4	108	317	3,714
PERCENT	6.45	65.02	44.44	83.08	91.62	99.38
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	66,118	2,735	115	718	1,017	763
PERCENT	91.69	28.64	11.22	16.47	6.25	0.79
DIESEL ENGINE NUMBER	5,995	6,815	910	3,641	15,262	95,986
PERCENT	8.31	71.36	88.78	83.53	93.75	99.21

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:  
SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS  
3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000

PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION

TOTAL ROADS

DATA YEAR 1977

Table 22C

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	61,946	2,551	87	411	667	378
PERCENT	94.56	37.96	10.65	20.38	11.00	1.27
DIESEL ENGINE NUMBER	3,564	4,170	730	1,606	5,397	29,393
PERCENT	5.44	62.04	89.35	79.62	89.00	98.73
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,684	246	6	309	322	265
PERCENT	74.93	18.29	5.45	17.45	4.19	0.52
DIESEL ENGINE NUMBER	898	1,099	104	1,462	7,357	50,283
PERCENT	25.07	81.71	94.55	82.55	95.81	99.48
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	4,302	366	3	52	65	59
PERCENT	87.85	33.49	12.00	16.35	6.21	0.88
DIESEL ENGINE NUMBER	595	727	22	266	982	6,679
PERCENT	12.15	66.51	88.00	83.65	93.79	99.12
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	2,026	71	5	22	29	21
PERCENT	96.85	45.22	33.33	21.57	9.45	0.81
DIESEL ENGINE NUMBER	66	86	10	80	278	2,580
PERCENT	3.15	54.78	66.67	78.43	90.55	99.19
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	70,958	3,234	101	794	1,083	723
PERCENT	93.27	34.71	10.44	18.87	7.17	0.81
DIESEL ENGINE NUMBER	5,123	6,082	866	3,414	14,014	88,935
PERCENT	6.73	65.29	89.56	81.13	92.83	99.19

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
 3-AXLE INCLUDES: 230000  
 4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
 4-AXLE INCLUDES: 331000,322000  
 5-AXLE INCLUDES: 332000,521200,323000

PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION

TOTAL ROADS  
DATA YEAR 1976

Table 22D

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMBINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	62,377	2,727	126	493	773	425
PERCENT	95.11	41.27	17.10	22.61	12.12	1.53
DIESEL ENGINE NUMBER	3,204	3,881	611	1,687	5,604	27,340
PERCENT	4.89	58.73	82.90	77.39	87.88	98.47
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,521	276	38	388	365	225
PERCENT	76.19	24.32	30.89	20.40	5.01	0.53
DIESEL ENGINE NUMBER	788	859	85	1,514	6,915	41,894
PERCENT	23.81	75.68	69.11	79.60	94.99	99.47
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	2,824	223	1	68	76	72
PERCENT	87.05	27.36	3.85	23.86	7.95	1.26
DIESEL ENGINE NUMBER	420	592	25	217	880	5,643
PERCENT	12.95	72.64	96.15	76.14	92.05	98.74
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	2,018	97	-	38	49	30
PERCENT	98.10	52.72	0.00	28.79	13.50	1.07
DIESEL ENGINE NUMBER	39	87	13	94	314	2,785
PERCENT	1.90	47.28	100.00	71.21	86.50	98.93
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	69,740	3,323	165	987	1,263	752
PERCENT	94.00	38.01	18.35	21.94	8.43	0.96
DIESEL ENGINE NUMBER	4,451	5,419	734	3,512	13,713	77,662
PERCENT	6.00	61.99	81.65	78.06	91.57	99.04

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000  
3-AXLE INCLUDES: 230000  
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000  
4-AXLE INCLUDES: 331000,322000  
5-AXLE INCLUDES: 332000,521200,323000



**PERCENTAGE OF GASOLINE AND DIESEL ENGINES BY TRUCK TYPE AND CLASS OF OPERATION**

**TOTAL ROADS  
DATA YEAR 1975**

Table 22E

CLASS OF OPERATION	TRUCK TYPE 1/					
	SINGLE UNIT			TRACTOR TRAILER COMINATIONS		
	2-AXLE	3-AXLE	4-AXLES OR MORE	3-AXLE	4-AXLE	5-AXLES OR MORE
<b>PRIVATE</b>						
GASOLINE ENGINE NUMBER	69,172	3,116	137	594	881	527
PERCENT	95.61	44.95	20.06	25.13	13.56	1.90
DIESEL ENGINE NUMBER	3,175	3,816	546	1,770	5,614	27,163
PERCENT	4.39	55.05	79.94	74.87	86.44	98.10
<b>ICC-REG</b>						
GASOLINE ENGINE NUMBER	3,126	449	41	404	434	353
PERCENT	73.52	26.46	33.33	16.92	4.99	0.67
DIESEL ENGINE NUMBER	1,126	1,248	82	1,984	8,257	52,260
PERCENT	26.48	73.54	66.67	83.08	95.01	99.33
<b>NON-ICC-REG</b>						
GASOLINE ENGINE NUMBER	3,895	367	5	79	88	86
PERCENT	91.28	35.84	11.11	22.90	7.99	1.36
DIESEL ENGINE NUMBER	372	657	40	266	1,013	6,240
PERCENT	8.72	64.16	88.89	77.10	92.01	98.64
<b>OTHER</b>						
GASOLINE ENGINE NUMBER	2,010	98	-	39	50	30
PERCENT	98.00	54.75	0.00	29.32	13.51	1.07
DIESEL ENGINE NUMBER	41	81	6	94	320	2,764
PERCENT	2.00	45.25	100.00	70.68	86.49	98.93
<b>TOTAL</b>						
GASOLINE ENGINE NUMBER	78,203	4,030	183	1,116	1,453	996
PERCENT	94.31	40.99	21.35	21.34	8.72	1.11
DIESEL ENGINE NUMBER	4,714	5,802	674	4,114	15,204	88,427
PERCENT	5.69	59.01	78.65	78.66	91.28	98.89

1/ TRUCK TYPE CATEGORIES ARE BROKEN DOWN INTO THE FOLLOWING VEHICLE TYPE CODES:

SINGLE UNIT

2-AXLE INCLUDES: 200000,210000,220000

3-AXLE INCLUDES: 230000

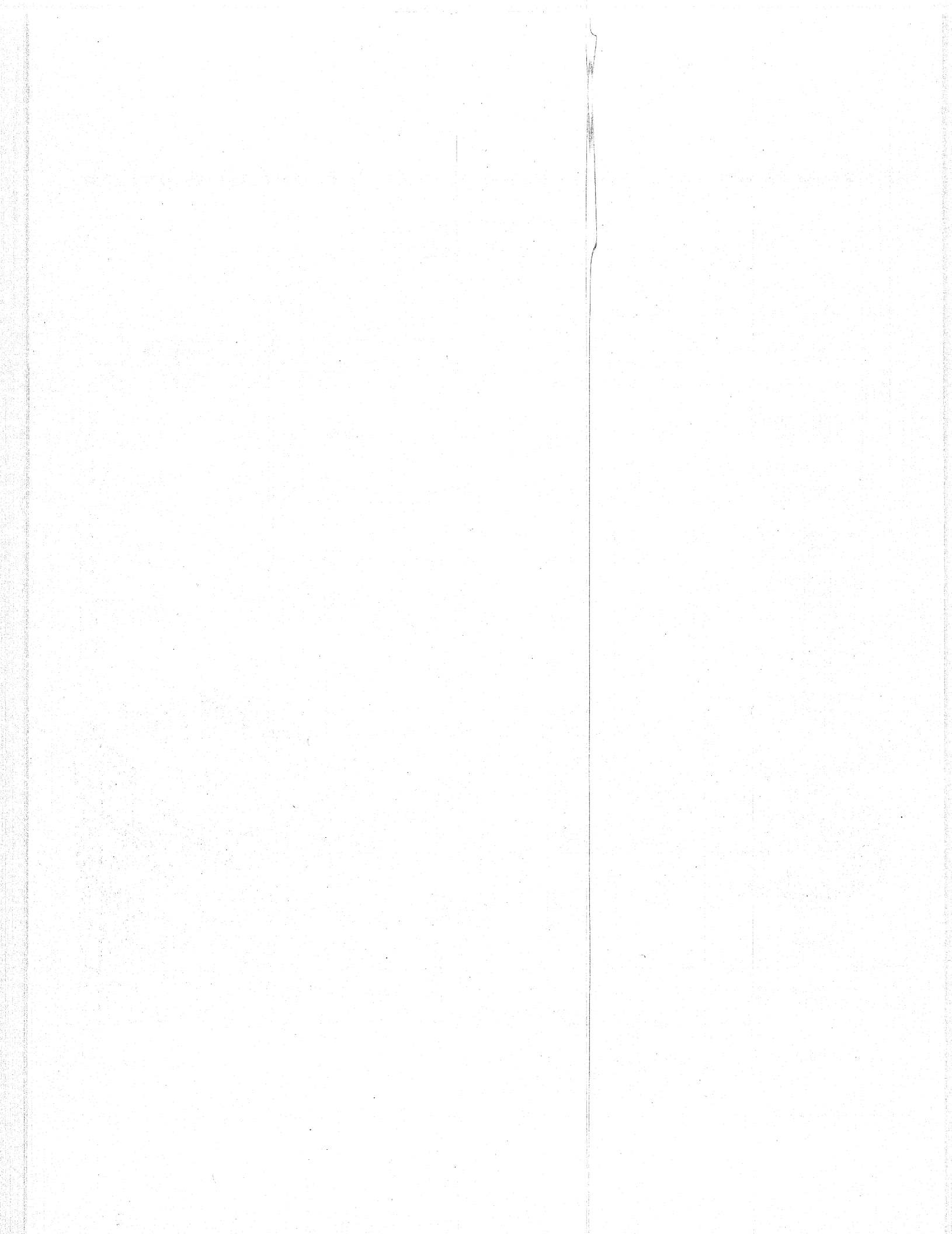
4-AXLE INCLUDES: 240000,250000

TRACTOR TRAILER COMBINATIONS

3-AXLE INCLUDES: 321000

4-AXLE INCLUDES: 331000,322000

5-AXLE INCLUDES: 332000,521200,323000



## Section V

### Distribution of Highway Tonnage by Hour of the Day

This table illustrates the distribution of highway tonnage by hour for vehicle type 332000, a three-axle tractor with a two-axle semitrailer. The example station is on the rural Interstate and may be somewhat typical of other similar locations. Summary tables are included for the years 1975, 1977, and 1979.



1918 - FIRST FEDERAL-AID ROAD

# DISTRIBUTION OF HIGHWAY TONNAGE BY HOUR, STATION AND VEHICLE

STATE OF IOWA

DATA YEAR 1979

Table 23A

STATION 92N -- VEHICLE TYPE 332000

HOUR	NUMBER WEIGHED			AVERAGE WEIGHT		AVERAGE PAYLOAD	NUMBER COUNTED	TOTAL TONNAGE
	LOADED	EMPTY	TOTAL	LOADED	EMPTY			
00	107	11	118	61,168	33,655	27,513	161	2,008
01	86	15	101	61,970	32,627	29,343	146	1,824
02	81	10	91	61,411	31,120	30,291	122	1,645
03	74	12	86	62,564	31,250	31,314	118	1,590
04	81	3	84	60,130	30,033	30,097	95	1,379
05	-	-	-	-	-	-	168	-
06	63	11	74	63,251	32,273	30,978	133	1,754
07	86	13	99	63,648	28,946	34,702	149	2,246
08	74	23	97	63,450	29,526	33,924	171	2,213
09	74	25	99	61,591	28,724	32,867	190	2,334
10	71	28	99	63,545	29,075	34,470	181	2,237
11	61	27	88	60,769	31,256	29,513	168	1,718
12	69	32	101	60,700	30,497	30,203	169	1,744
13	-	-	-	-	-	-	224	-
14	63	26	89	63,070	31,150	31,920	173	1,954
15	61	32	93	62,467	30,644	31,823	204	2,129
16	77	40	117	60,578	29,765	30,813	205	2,079
17	63	24	87	62,549	30,229	32,320	197	2,305
18	82	24	106	62,116	30,179	31,937	224	2,767
19	93	19	112	63,617	31,826	31,791	207	2,732
20	87	20	107	62,862	30,675	32,187	193	2,525
21	-	-	-	-	-	-	215	-
22	81	14	95	61,777	29,750	32,027	196	2,676
23	111	19	130	60,524	30,437	30,087	205	2,633
<b>TOTAL</b>	<b>1,645</b>	<b>428</b>	<b>2,073</b>	<b>62,041</b>	<b>30,472</b>	<b>31,569</b>	<b>4,214</b>	<b>52,783</b>

**DISTRIBUTION OF HIGHWAY TONNAGE BY HOUR, STATION AND VEHICLE**

**STATE OF IOWA**

**DATA YEAR 1977**

**STATION 92N -- VEHICLE TYPE 332000**

Table 23B

HOUR	NUMBER WEIGHED		TOTAL	AVERAGE WEIGHT		AVERAGE PAYLOAD	NUMBER COUNTED	TOTAL TONNAGE
	LOADED	EMPTY		LOADED	EMPTY			
00	41	10	51	62,385	29,800	32,585	128	1,677
01	28	3	31	60,754	30,100	30,654	99	1,371
02	34	8	42	63,168	29,000	34,168	124	1,715
03	39	3	42	61,687	31,433	30,254	106	1,489
04	29	2	31	62,583	34,800	27,783	97	1,261
05	-	-	-	-	-	-	115	-
06	25	7	32	60,340	27,543	32,797	102	1,307
07	24	11	35	57,229	31,282	25,947	115	1,023
08	28	9	37	67,382	31,256	36,126	156	2,132
09	33	13	46	58,006	29,438	28,568	165	1,691
10	30	18	48	61,147	31,661	29,486	155	1,428
11	17	17	34	64,482	30,059	34,423	160	1,377
12	26	15	41	61,538	30,893	30,645	192	1,866
13	-	-	-	-	-	-	155	-
14	48	18	66	62,646	31,178	31,468	174	1,991
15	49	13	62	64,982	29,177	35,805	183	2,589
16	41	23	64	62,100	29,626	32,474	200	2,080
17	52	7	59	63,262	29,229	34,033	200	3,000
18	51	11	62	66,239	29,064	37,175	204	3,119
19	49	9	58	65,563	32,056	34,507	179	2,609
20	37	14	51	62,662	32,929	29,733	174	1,877
21	-	-	-	-	-	-	165	-
22	52	11	63	62,212	32,000	30,212	164	2,045
23	63	7	70	62,246	29,143	33,103	184	2,741
TOTAL	796	229	1,025	62,792	30,485	32,307	3,696	46,365

# DISTRIBUTION OF HIGHWAY TONNAGE BY HOUR, STATION AND VEHICLE

STATE OF IOWA

DATA YEAR 1975

Table 23C

STATION 92N -- VEHICLE TYPE 332000

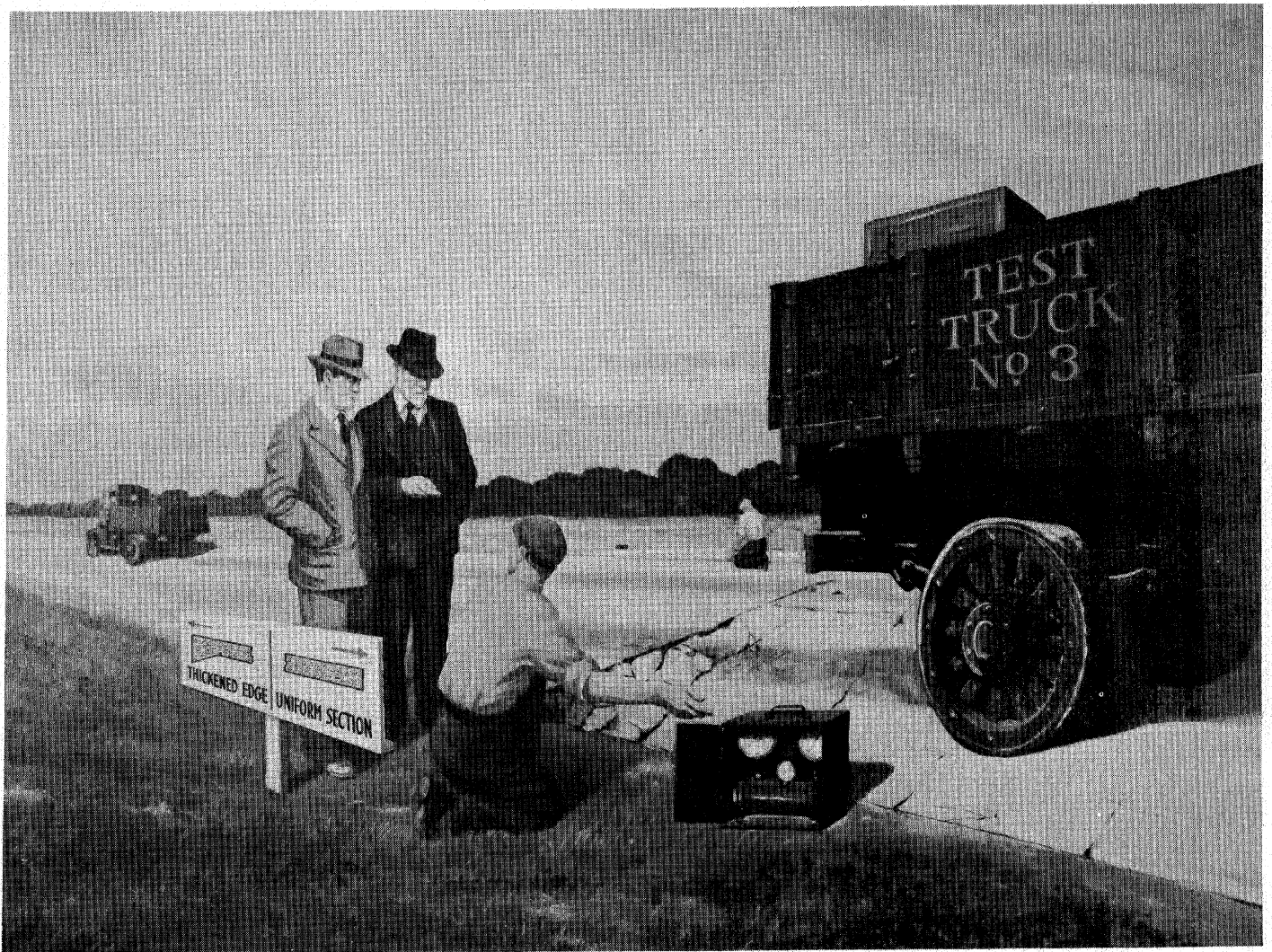
HOUR	NUMBER WEIGHED			AVERAGE WEIGHT		AVERAGE PAYLOAD	NUMBER COUNTED	TOTAL TONNAGE
	LOADED	EMPTY	TOTAL	LOADED	EMPTY			
00	48	4	52	62,056	33,625	28,431	73	958
01	51	2	53	61,116	30,700	30,416	66	966
02	48	6	54	60,285	29,750	30,535	72	977
03	46	7	53	61,939	31,957	29,982	57	742
04	49	3	52	60,529	31,700	28,829	61	829
05	-	-	-	-	-	-	68	-
06	76	10	86	61,224	32,240	28,984	101	1,293
07	78	12	90	60,017	29,792	30,225	115	1,506
08	75	11	86	61,581	28,891	32,690	120	1,711
09	58	25	83	61,184	29,392	31,792	133	1,477
10	48	27	75	60,725	28,930	31,795	125	1,272
11	48	20	68	60,690	31,575	29,115	138	1,418
12	65	36	101	61,188	28,650	32,538	136	1,424
13	-	-	-	-	-	-	91	-
14	57	35	92	60,833	28,514	32,319	153	1,532
15	28	15	43	57,479	28,833	28,646	129	1,203
16	69	25	94	62,246	31,916	30,330	150	1,670
17	78	38	116	64,194	31,013	33,181	140	1,562
18	76	23	99	62,441	29,365	33,076	171	2,171
19	62	26	88	61,458	30,008	31,450	155	1,717
20	82	20	102	61,073	29,765	31,308	174	2,190
21	-	-	-	-	-	-	166	-
22	48	2	50	65,125	28,350	36,775	96	1,695
23	76	2	78	64,974	35,150	29,824	79	1,148
TOTAL	1,266	349	1,615	61,705	29,956	31,749	2,769	34,458



## Section VI

### Average Axle Weights and Gross Weights

These tables provide information regarding vehicles with gross weights more than 50,000 pounds per thousand trucks weighed by region and States for the years 1975 through 1979. Also shown are tables with gross axle weights over 22,000 pounds per thousand trucks weighed.



**1920 - BEGINNINGS OF HIGHWAY RESEARCH**



**VEHICLES WITH TOTAL GROSS WEIGHTS OVER 50,000 LBS.  
PER THOUSAND TRUCKS WEIGHED BY REGION AND STATE**

**DATA YEARS 1975-1979**

Table 24

STATE	79	78	77	76	75
CONNECTICUT	204	191	191	187	193
MAINE	207	207	145	145	177
MASSACHUSETTS	101	101	111	111	111
NEW HAMPSHIRE	185	185	188	188	188
NEW JERSEY	266	242	242	230	230
NEW YORK	145	145	133	133	133
RHODE ISLAND	152	152	152	152	152
VERMONT	186	186	157	157	152
PUERTO RICO	254	254	218	218	142
REGION 01	209	202	192	188	190
DELAWARE	163	277	277	288	288
MARYLAND	269	269	310	310	310
PENNSYLVANIA	330	330	258	258	302
VIRGINIA	241	214	214	186	186
WEST VIRGINIA	296	296	261	261	227
DISTRICT OF COLUMBIA	138	138	138	138	138
REGION 03	257	258	252	244	235
ALABAMA	274	274	239	239	246
FLORIDA	193	193	206	206	217
GEORGIA	320	329	189	189	203
KENTUCKY	397	397	227	363	375
MISSISSIPPI	319	319	319	262	262
NORTH CAROLINA	218	227	227	190	190
SOUTH CAROLINA	159	159	159	96	96
TENNESSEE	294	294	243	243	249
REGION 04	273	275	221	222	231
ILLINOIS	377	298	298	292	292
INDIANA	289	301	301	276	276
MICHIGAN	209	209	209	209	215
MINNESOTA	298	323	323	312	312
OHIO	335	335	317	317	265
WISCONSIN	366	290	290	296	296
REGION 05	311	291	287	280	272

**VEHICLES WITH TOTAL GROSS WEIGHTS OVER 50,000 LBS.  
PER THOUSAND TRUCKS WEIGHED BY REGION AND STATE**

**DATA YEARS 1975-1979**

STATE	79	78	77	76	75
ARKANSAS	338	242	335	329	329
LOUISIANA	334	258	258	176	176
NEW MEXICO	401	401	313	319	278
OKLAHOMA	534	479	479	441	441
TEXAS	467	450	600	600	300
REGION 06	417	417	420	395	318
IOWA	318	297	297	31	296
KANSAS	394	294	294	297	297
MISSOURI	459	459	353	353	353
NEBRASKA	448	448	390	390	355
REGION 07	345	322	311	306	307
COLORADO	293	326	326	286	241
MONTANA	596	596	563	563	563
NORTH DAKOTA	333	333	285	285	343
SOUTH DAKOTA	212	258	258	173	173
UTAH	365	365	327	327	313
WYOMING	397	397	333	333	333
REGION 08	384	413	365	329	330
ARIZONA	368	368	359	359	299
CALIFORNIA	379	379	379	310	310
HAWAII	77	77	77	226	226
NEVADA	611	611	584	584	482
REGION 09	416	416	397	357	335
ALASKA	279	279	279	279	279
IDAHO	350	350	350	288	288
OREGON	468	468	468	458	458
WASHINGTON	565	530	449	449	399
REGION 10	461	453	418	386	374
ALL REGIONS	318	312	276	261	263

**VEHICLES WITH TOTAL GROSS AXLE WEIGHTS OVER 22,000 LBS.  
PER THOUSAND TRUCKS WEIGHED BY REGION AND STATE**

**DATA YEARS 1975-1979**

Table 25

STATE	79	78	77	76	75
CONNECTICUT	33	50	50	52	60
MAINE	33	33	15	15	12
MASSACHUSETTS	32	32	42	42	42
NEW HAMPSHIRE	41	56	76	76	76
NEW JERSEY	32	22	22	33	33
NEW YORK	18	18	14	14	14
RHODE ISLAND	30	30	30	30	30
VERMONT	28	28	33	33	36
PUERTO RICO	299	299	227	227	156
REGION 01	37	36	35	39	39
DELAWARE	39	120	120	113	113
MARYLAND	44	44	45	45	45
PENNSYLVANIA	8	8	8	8	7
VIRGINIA	2	2	2	1	1
WEST VIRGINIA	8	8	5	5	6
DISTRICT OF COLUMBIA	30	30	30	30	30
REGION 03	16	24	18	17	21
ALABAMA	11	11	6	6	5
FLORIDA	19	19	7	7	10
GEORGIA	80	51	50	50	55
KENTUCKY	29	29	68	5	3
MISSISSIPPI	0	0	0	2	2
NORTH CAROLINA	3	4	4	3	3
SOUTH CAROLINA	12	12	12	7	7
TENNESSEE	21	21	16	16	13
REGION 04	16	15	11	7	9
ILLINOIS	0	2	2	0	0
INDIANA	3	2	2	2	2
MICHIGAN	8	8	8	8	7
MINNESOTA	6	6	6	5	5
OHIO	26	26	22	22	11
WISCONSIN	3	2	2	3	3
REGION 05	8	8	7	7	6

**VEHICLES WITH TOTAL GROSS AXLE WEIGHTS OVER 22,000 LBS.  
PER THOUSAND TRUCKS WEIGHED BY REGION AND STATE**

**DATA YEARS 1975-1979**

STATE	79	78	77	76	75
ARKANSAS	11	11	12	9	9
LOUISIANA	10	12	12	10	10
NEW MEXICO	17	17	12	9	33
OKLAHOMA	34	13	13	20	20
TEXAS	18	11	45	44	10
REGION 06	18	13	19	19	18
IOWA	4	6	6	2	3
KANSAS	3	4	4	5	5
MISSOURI	0	0	0	0	0
NEBRASKA	1	1	3	3	0
REGION 07	3	5	5	2	3
COLORADO	11	9	9	7	6
MONTANA	2	2	6	6	6
NORTH DAKOTA	2	2	0	0	1
SOUTH DAKOTA	1	4	4	3	3
UTAH	14	14	4	4	9
WYOMING	9	9	1	1	1
REGION 08	5	5	5	4	5
ARIZONA	2	2	8	8	7
CALIFORNIA	3	3	3	2	2
HAWAII	11	11	11	92	92
NEVADA	4	4	8	8	4
REGION 09	3	3	5	12	11
ALASKA	15	15	15	15	15
IDAHO	6	6	6	8	8
OREGON	1	1	1	2	2
WASHINGTON	2	2	0	0	0
REGION 10	3	3	3	4	4
ALL REGIONS	14	14	13	14	14

REGIONAL SUMMARY OF WEIGHTS OF LOADED TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

Table 26

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 1								
CONNECTICUT	79	5.3	6.5	14.4	34.3	28.6	39.8	57.3
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.2	8.7	16.3	40.7	32.8	41.4	59.4
	76	7.4	8.4	16.1	35.7	30.6	40.3	56.0
	75	6.1	7.1	15.5	38.7	31.5	44.4	62.2
MAINE	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.4	5.9	16.4	42.0	26.4	37.0	63.6
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.9	7.7	16.4	38.2	27.0	38.4	55.5
	75	5.5	7.3	15.1	36.7	26.9	38.3	54.2
MASSACHUSETTS	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.7	6.3	16.4	48.1	32.6	43.3	63.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.2	6.3	14.6	47.5	32.3	39.3	61.7
NEW HAMPSHIRE	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.6	6.7	17.0	44.6	29.6	42.0	65.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	7.0	7.4	17.2	46.5	31.0	46.3	70.5
NEW JERSEY	79	6.9	7.9	17.3	48.9	33.0	43.3	62.2
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	7.5	8.2	16.7	42.9	32.0	42.7	61.8
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.9	8.1	17.4	46.4	32.8	45.0	63.4
NEW YORK	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.9	6.7	15.2	41.9	28.2	40.2	58.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RHODE ISLAND	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.4	7.8	16.1	44.3	31.7	44.3	64.7
VERMONT	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.7	10.7	17.5	40.0	34.8	40.7	65.2
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.5	9.6	16.2	39.1	29.6	41.8	63.7
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PUERTO RICO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	11.5	10.5	23.3	67.8	34.8	70.7	91.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	7.1	17.7	21.8	60.9	54.6	65.2	96.9
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REGIONAL SUMMARY OF WEIGHTS OF LOADED TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 3								
DELAWARE	79	5.5	6.8	16.3	55.4	29.2	43.6	67.5
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.2	8.1	17.7	57.1	35.3	51.0	77.4
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MARYLAND	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	7.0	8.1	17.3	50.2	32.3	45.4	67.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PENNSYLVANIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.4	0.0	13.7	40.6	27.4	40.4	58.8
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	6.0	6.4	11.8	38.0	31.2	40.9	60.1
	75	6.8	11.1	16.0	34.2	28.9	39.0	56.9
VIRGINIA	79	5.8	6.9	15.5	38.4	30.4	39.2	60.6
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.6	7.0	15.9	39.3	31.0	39.1	60.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.4	6.4	15.2	38.4	33.2	39.0	59.8
WEST VIRGINIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	7.3	9.1	15.2	37.9	29.0	41.7	62.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	6.6	7.6	15.3	38.2	31.7	43.2	64.6
	75	6.9	7.7	15.6	40.7	31.3	41.8	62.6
DISTRICT OF COLUMBIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 4								
ALABAMA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.1	7.3	15.6	34.2	30.0	37.3	60.3
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.5	6.7	14.8	36.4	29.5	35.8	57.6
	75	6.1	6.6	15.1	33.0	31.2	37.8	57.5
FLORIDA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.6	0.0	10.7	20.4	25.4	40.6	48.8
	75	5.0	0.0	11.7	23.9	26.9	40.2	49.0
GEORGIA	79	5.8	0.0	12.8	41.8	34.0	47.7	70.7
	78	6.0	11.6	16.6	38.0	36.2	50.6	68.6
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.5	8.0	15.2	38.6	28.3	48.6	72.6
	75	5.7	8.1	15.8	43.7	32.7	53.5	74.2

REGIONAL SUMMARY OF WEIGHTS OF LOADED TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 4 CONT.								
KENTUCKY	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	7.6	7.5	16.2	57.5	32.6	38.8	62.3
	77	7.4	6.6	16.3	52.0	28.8	36.7	71.7
	76	5.7	6.8	15.6	36.6	30.9	40.0	61.1
	75	5.8	6.7	15.2	33.1	30.9	40.6	60.8
MISSISSIPPI	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.2	8.4	14.9	32.3	29.9	38.9	60.5
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.3	7.4	15.4	32.8	31.6	41.9	60.2
NORTH CAROLINA	79	5.6	7.6	15.5	37.3	31.1	38.0	59.3
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.8	7.7	15.3	37.3	29.2	38.8	59.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.8	7.3	15.3	36.0	29.5	38.6	58.7
SOUTH CAROLINA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.9	6.8	16.0	36.8	32.0	40.9	62.2
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.9	6.8	15.9	45.0	30.1	44.7	62.5
TENNESSEE	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.5	6.8	15.9	33.7	34.4	41.9	64.4
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	6.0	7.1	15.2	33.7	28.1	40.3	61.7
	75	5.9	6.8	14.7	42.0	31.3	41.2	60.6
REGION 5								
ILLINOIS	79	5.9	15.6	14.8	34.7	31.3	38.8	60.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.9	6.9	15.1	36.0	29.9	39.8	59.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.8	6.8	15.4	34.7	31.3	39.6	59.7
INDIANA	79	5.5	17.2	13.2	27.9	27.3	35.4	52.9
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.9	6.5	13.5	27.4	28.9	39.2	60.5
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MICHIGAN	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.5	6.7	14.5	32.5	28.8	37.3	56.9
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINNESOTA	79	0.0	0.0	18.9	36.8	31.1	37.5	65.1
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	18.6	35.8	32.9	39.0	63.8
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	16.0	36.6	26.4	37.5	62.5



REGIONAL SUMMARY OF WEIGHTS OF LOADED TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 5 CONT.								
OHIO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	8.4	15.8	36.3	31.9	39.8	61.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	18.4	35.7	35.9	42.9	61.1
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WISCONSIN	79	6.3	9.5	15.2	31.3	30.9	38.1	60.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.0	7.9	15.4	33.2	31.0	38.7	60.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.4	7.9	15.6	31.2	30.5	39.6	60.7
REGION 6								
ARKANSAS	79	6.9	10.9	16.1	34.2	33.1	38.4	61.6
	78	7.3	6.8	17.5	36.7	27.5	39.6	61.4
	77	7.2	15.8	16.5	33.8	32.1	40.4	61.8
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.6	7.2	15.9	33.3	29.8	38.5	61.0
LOUISIANA	79	5.9	7.8	16.2	37.6	34.3	41.3	69.2
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.8	7.9	16.8	35.3	34.7	44.2	67.2
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.8	7.4	15.3	36.1	34.2	43.9	67.5
NEW MEXICO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.3	8.4	18.7	29.7	33.1	45.3	66.0
	77	6.3	8.0	18.9	35.1	35.2	44.3	65.1
	76	6.3	7.5	19.1	33.1	33.9	42.1	63.8
	75	6.7	8.8	18.7	36.4	34.3	49.4	72.3
OKLAHOMA	79	0.0	17.6	18.0	29.1	31.1	39.2	63.7
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	8.8	10.8	17.3	36.8	30.6	40.4	65.2
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.6	0.0	16.8	35.0	29.9	41.2	64.2
TEXAS	79	0.0	0.0	14.5	28.2	29.9	39.5	57.5
	78	0.0	0.0	14.2	26.8	28.5	38.2	55.6
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	16.4	28.8	29.7	42.1	62.9
	75	6.7	6.8	16.0	32.6	31.0	36.7	55.3
REGION 7								
IOWA	79	5.5	6.7	15.3	36.0	30.6	39.7	62.5
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.3	6.3	15.2	35.8	31.7	40.4	62.6
	76	5.2	6.5	15.3	38.7	27.0	38.9	63.1
	75	5.3	6.6	15.2	35.3	29.7	40.5	61.9
KANSAS	79	5.8	6.5	15.8	36.1	32.7	40.9	62.4
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.7	7.3	15.0	35.9	31.2	40.2	61.9
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.8	8.2	14.9	33.7	28.6	40.6	62.5

REGIONAL SUMMARY OF WEIGHTS OF LOADED TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
<b>REGION 7 CONT.</b>								
<b>MISSOURI</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	7.4	5.9	15.7	34.2	29.8	37.8	58.4
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.5	6.3	15.7	33.2	30.5	39.5	59.0
<b>NEBRASKA</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.2	11.6	16.8	37.0	26.1	39.3	63.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	6.5	7.5	16.0	34.9	25.5	41.7	62.1
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>REGION 8</b>								
<b>COLORADO</b>	79	6.8	0.0	15.5	39.1	34.4	43.3	68.8
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.9	7.8	15.7	32.9	33.3	43.0	67.4
	76	6.7	8.5	14.4	34.4	31.6	43.8	67.7
	75	6.6	7.5	14.9	35.6	32.5	42.2	67.4
<b>MONTANA</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	17.7	39.4	29.0	38.8	67.3
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	9.8	17.4	37.2	31.3	37.9	67.0
<b>NORTH DAKOTA</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	8.1	7.8	16.5	37.2	31.3	35.2	67.1
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	7.4	6.6	16.5	34.1	32.1	40.8	65.7
	75	0.0	6.0	16.9	33.0	28.6	38.6	63.7
<b>SOUTH DAKOTA</b>	79	6.1	7.3	15.5	34.5	28.7	37.9	65.8
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.2	6.9	16.9	33.2	30.5	39.5	62.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.0	7.8	17.1	35.3	29.8	37.9	63.5
<b>UTAH</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.6	10.9	16.8	38.0	27.5	41.6	63.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	6.0	7.6	15.9	35.2	27.8	39.0	63.3
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>WYOMING</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	6.1	6.6	16.1	41.3	28.1	38.4	67.1
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.9	0.0	15.4	39.0	25.7	42.6	60.1
<b>REGION 9</b>								
<b>ARIZONA</b>	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.5	0.0	15.4	33.7	34.2	38.2	63.7
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.7	7.9	14.3	46.3	29.5	39.3	58.4
	75	6.4	8.2	16.2	42.4	32.2	39.4	56.8

REGIONAL SUMMARY OF WEIGHTS OF LOADED TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 9 CONT.								
CALIFORNIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.4	8.4	15.0	34.5	28.1	37.1	63.5
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAWAII	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.4	5.6	12.9	43.3	0.0	53.9	57.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.9	6.7	15.0	47.5	31.3	63.0	78.1
NEVADA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	15.9	42.8	31.7	43.5	67.2
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	17.0	39.5	33.8	43.9	68.4
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 10								
ALASKA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDAHO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	14.3	36.2	27.5	36.2	68.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	8.3	6.4	15.0	38.0	29.2	37.6	66.4
OREGON	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.2	7.5	15.6	37.1	31.8	36.2	68.1
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	6.4	7.2	14.9	37.6	26.1	37.5	68.8
WASHINGTON	79	19.7	0.0	15.9	34.0	30.7	39.7	64.8
	78	0.0	0.0	18.2	33.8	30.6	40.7	65.8
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	16.1	33.7	31.7	40.4	62.9
	75	6.3	0.0	15.2	33.5	31.2	37.8	62.3
ALL REGIONS								
UNITED STATES	79	5.9	7.8	15.6	36.6	30.9	39.8	61.4
	78	6.3	7.9	16.1	42.2	30.4	41.0	62.8
	77	6.1	7.7	15.8	38.3	30.7	40.3	62.8
	76	4.9	7.4	13.7	28.5	28.7	40.7	57.7
	75	5.6	7.4	15.1	36.0	30.4	41.1	60.3

REGIONAL SUMMARY OF WEIGHTS OF EMPTY TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

Table 27

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 1								
CONNECTICUT	79	4.2	4.8	10.8	21.8	21.6	26.7	30.1
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.1	8.7	12.0	23.8	25.4	27.4	30.2
	76	5.4	12.4	12.0	25.9	24.5	26.1	29.6
	75	5.0	5.6	12.3	24.5	24.9	27.7	32.1
MAINE	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.0	12.1	12.1	20.1	21.2	26.4	30.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.7	6.9	10.9	20.0	22.1	24.8	29.1
	75	4.6	7.2	11.0	19.1	22.5	24.8	28.4
MASSACHUSETTS	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	4.7	5.3	11.6	30.3	19.9	26.6	32.8
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.5	5.1	10.6	27.8	21.4	26.1	30.9
NEW HAMPSHIRE	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.2	6.4	12.1	27.2	23.7	28.0	32.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.1	8.7	12.2	26.2	23.2	31.9	34.0
NEW JERSEY	79	5.9	6.7	13.0	25.8	25.3	30.7	34.3
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.2	6.8	12.6	24.9	26.4	30.2	35.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.9	6.8	12.8	26.4	26.3	31.2	35.9
NEW YORK	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.2	6.3	11.5	25.4	23.2	27.8	31.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RHODE ISLAND	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.3	8.4	11.0	26.9	25.1	29.7	34.9
VERMONT	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	4.7	7.5	11.2	23.2	21.5	24.6	32.1
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.6	7.7	11.7	22.5	23.3	27.3	32.2
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PUERTO RICO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	4.7	5.6	11.5	32.2	23.8	34.9	46.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.5	7.3	11.7	30.4	22.2	40.1	43.2
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REGIONAL SUMMARY OF WEIGHTS OF EMPTY TRUCKS BY STATE AND VEHICLE TYPE. IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
<b>REGION 3</b>								
DELAWARE	79	4.6	5.9	10.8	23.3	22.7	28.9	32.2
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.0	6.0	12.5	26.6	24.5	31.6	40.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MARYLAND	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.9	6.5	11.9	25.3	24.6	29.6	34.7
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PENNSYLVANIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	4.9	0.0	10.0	21.6	25.1	28.7	32.1
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.1	5.1	7.3	19.8	23.3	27.7	33.2
	75	5.0	4.9	10.9	19.5	21.5	26.9	33.2
VIRGINIA	79	4.7	5.8	11.1	21.3	23.7	28.1	30.8
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.6	5.5	11.4	20.4	25.2	28.2	30.1
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.4	5.2	10.8	19.6	22.7	25.2	29.1
WEST VIRGINIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.6	6.0	10.9	23.3	25.1	30.5	33.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.2	6.4	10.4	21.6	26.0	29.7	33.8
	75	5.2	6.1	10.6	20.9	25.9	29.3	33.1
DISTRICT OF COLUMBIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>REGION 4</b>								
ALABAMA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	4.6	5.8	9.9	18.7	23.0	25.8	28.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.3	5.7	9.7	17.6	22.3	24.2	27.1
	75	4.6	6.6	9.4	17.0	22.3	24.0	27.6
FLORIDA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GEORGIA	79	4.6	0.0	7.7	21.8	26.5	29.5	35.7
	78	4.9	7.4	11.2	20.7	25.7	29.9	35.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.5	0.0	10.0	21.6	25.3	31.2	37.4
	75	4.9	7.1	11.0	23.7	27.2	32.9	40.0

REGIONAL SUMMARY OF WEIGHTS OF EMPTY TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 4 CONT.								
KENTUCKY	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.4	5.8	10.6	22.2	23.4	26.2	30.2
	77	0.0	5.6	9.9	20.1	21.6	24.9	28.9
	76	4.7	5.8	10.9	19.5	23.7	26.5	30.1
	75	4.7	5.5	10.4	18.1	23.8	26.1	30.0
MISSISSIPPI	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.1	7.7	10.9	17.8	24.9	25.4	28.3
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.8	6.0	10.7	19.1	23.1	25.7	29.0
NORTH CAROLINA	79	4.7	6.5	10.5	19.6	24.8	26.4	29.7
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.0	6.1	11.0	19.8	24.5	27.1	31.3
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.9	6.1	10.5	19.2	23.5	26.3	30.3
SOUTH CAROLINA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.1	5.2	10.8	21.8	24.8	28.3	31.7
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.8	5.3	10.7	22.2	25.2	27.6	31.6
TENNESSEE	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.9	6.3	10.6	22.6	24.7	28.4	33.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.1	5.9	9.6	19.7	22.5	26.0	30.5
	75	4.9	5.8	10.0	19.0	21.5	27.2	31.4
REGION 5								
ILLINOIS	79	5.0	9.5	10.9	19.4	22.4	26.4	29.4
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.1	5.8	10.7	19.7	22.6	25.9	29.7
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.9	5.7	10.7	19.4	21.6	25.8	28.8
INDIANA	79	4.9	9.0	9.7	20.6	24.3	27.5	32.2
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.9	7.5	10.5	20.1	22.1	26.7	30.5
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MICHIGAN	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.7	5.7	10.8	20.0	22.0	25.8	31.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINNESOTA	79	0.0	0.0	10.4	18.3	21.6	25.1	29.8
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	10.2	17.5	21.0	25.0	29.2
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	17.7	12.1	20.5	20.1	25.4	28.5

REGIONAL SUMMARY OF WEIGHTS OF EMPTY TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 5 CONT.								
OHIO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	11.4	20.6	24.5	29.0	34.1
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.0	0.0	10.2	18.8	23.9	26.6	32.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WISCONSIN	79	5.2	9.5	11.3	18.5	24.0	27.3	31.3
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.1	6.8	11.0	18.4	22.7	25.8	30.6
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.1	6.2	11.3	18.5	22.4	26.2	30.8
REGION 6								
ARKANSAS	79	4.5	9.2	11.3	18.9	19.0	25.2	30.1
	78	7.2	0.0	11.5	20.3	21.6	28.6	31.7
	77	4.9	11.0	12.1	19.8	26.6	28.0	31.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.5	5.6	10.5	19.5	20.2	24.2	29.5
LOUISIANA	79	5.4	6.5	10.8	22.0	19.2	25.9	31.4
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.2	6.4	11.4	18.3	24.0	29.4	32.4
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.9	7.7	10.7	19.2	23.0	27.3	32.7
NEW MEXICO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	4.3	5.1	9.4	15.5	18.4	23.5	26.7
	77	4.5	5.1	10.1	18.3	21.0	26.0	29.1
	76	4.5	5.1	9.8	17.9	21.1	23.9	29.0
	75	5.3	6.7	11.4	23.0	27.2	31.2	36.9
OKLAHOMA	79	0.0	22.8	14.5	19.6	22.4	26.5	31.6
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	6.9	0.0	12.1	19.3	24.4	27.6	30.4
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.5	0.0	10.8	17.5	22.8	26.2	30.6
TEXAS	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.5	6.3	10.7	14.8	20.4	21.4	26.0
REGION 7								
IOWA	79	4.7	5.3	11.0	18.9	23.9	27.4	30.8
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.6	5.0	10.5	18.5	22.6	27.0	30.9
	76	4.7	5.7	10.0	20.3	0.0	27.8	36.3
	75	4.6	5.3	10.7	18.5	22.9	27.2	30.3
KANSAS	79	4.8	6.0	10.9	20.2	23.4	27.3	29.6
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.8	5.7	10.9	17.6	21.9	24.9	29.2
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.7	0.0	10.3	17.5	20.4	25.1	28.9



REGIONAL SUMMARY OF WEIGHTS OF EMPTY TRUCKS BY STATE AND VEHICLE TYPE. IN 1,000'S OF POUNDS

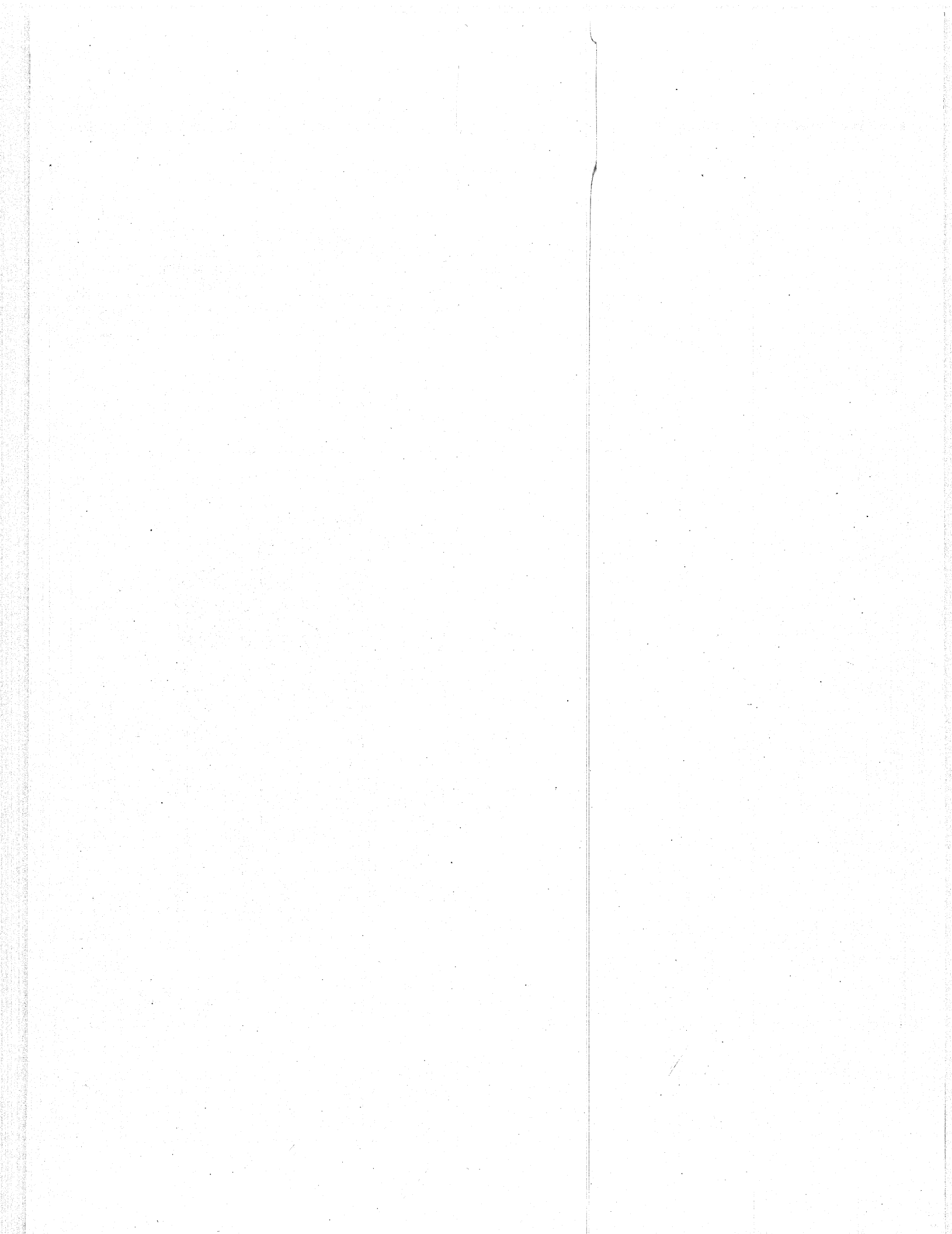
DATA YEARS 1975 - 1979

STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 7 CONT.								
MISSOURI	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.5	5.1	9.5	18.5	22.3	24.5	28.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.2	5.1	10.9	18.0	22.6	25.7	30.3
NEBRASKA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.6	9.6	10.9	18.8	19.8	25.8	29.8
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.7	6.0	10.7	19.4	21.1	24.3	30.2
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 8								
COLORADO	79	5.6	12.4	11.2	22.6	27.3	28.5	34.8
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.7	6.5	11.2	22.1	25.0	29.0	33.8
	76	5.6	6.5	10.8	23.3	26.2	26.8	34.1
	75	5.4	7.9	10.9	22.5	22.0	29.9	33.8
MONTANA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	12.6	12.3	21.5	20.0	27.7	31.8
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	5.3	12.2	19.9	23.1	26.0	31.1
NORTH DAKOTA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.4	5.5	12.0	19.6	21.0	26.4	30.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.8	5.0	12.1	19.3	22.1	25.9	30.0
	75	3.2	5.2	12.7	16.8	23.4	23.5	28.3
SOUTH DAKOTA	79	4.7	6.0	10.1	18.8	22.1	26.1	29.6
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.0	5.4	11.4	18.7	19.6	26.1	29.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.7	5.5	10.4	17.4	20.7	25.4	28.8
UTAH	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.2	6.1	12.4	22.6	21.4	25.8	32.4
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	5.0	9.4	10.8	21.3	19.7	26.3	30.2
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WYOMING	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.4	4.9	10.9	23.8	24.1	27.1	31.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.3	0.0	9.8	29.2	17.1	28.4	30.2
REGION 9								
ARIZONA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	5.0	6.0	9.6	21.0	25.1	26.6	33.3
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	4.7	5.4	9.3	20.5	24.0	24.8	31.4
	75	5.0	5.1	10.7	20.8	22.3	27.6	29.6

REGIONAL SUMMARY OF WEIGHTS OF EMPTY TRUCKS BY STATE AND VEHICLE TYPE, IN 1,000'S OF POUNDS

DATA YEARS 1975 - 1979

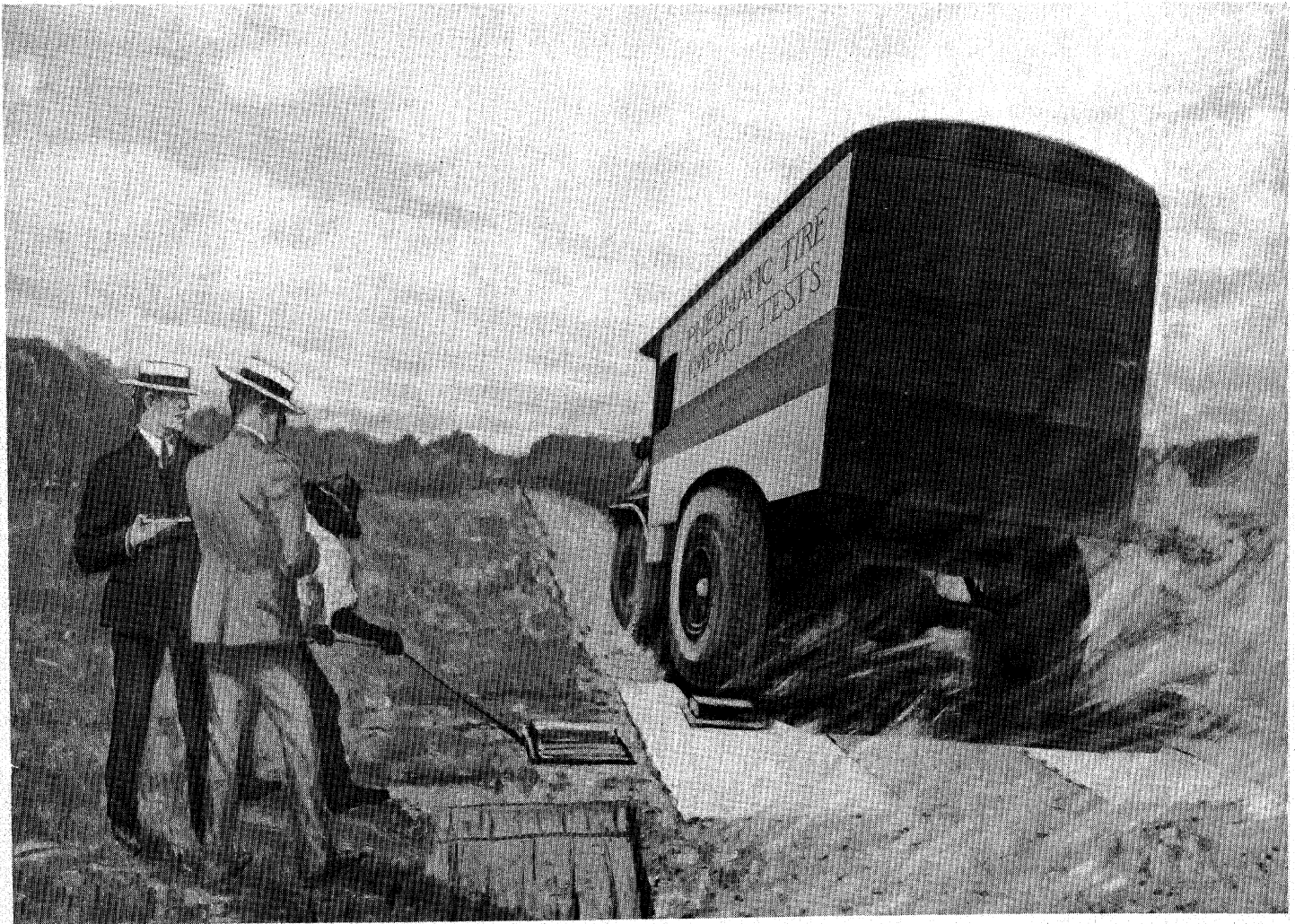
STATE	YEAR	VEHICLE TYPES						
		SINGLE UNIT				TRACTOR-SEMITRAILER COMBINATIONS		
		PANEL PICKUP	2-AXLE 4-TIRE	2-AXLE 6-TIRE	3-AXLE OR MORE	3-AXLE	4-AXLE	5-AXLE OR MORE
REGION 9 CONT. CALIFORNIA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.3	6.2	10.9	20.5	20.3	25.7	31.5
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAWAII	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	4.0	4.9	9.6	21.2	0.0	25.0	34.4
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	4.8	5.8	11.0	25.0	24.8	31.3	41.0
NEVADA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	11.1	20.4	21.8	27.8	30.9
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	10.5	20.6	24.1	27.7	31.9
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 10 ALASKA	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IDAHO	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	0.0	0.0	10.2	20.2	22.2	24.5	30.1
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	0.0	4.7	10.1	20.1	20.2	25.4	29.2
OREGON	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77	5.4	7.0	10.9	20.3	21.5	24.5	30.2
	76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75	5.1	6.2	10.2	19.5	18.9	21.4	29.0
WASHINGTON	79	5.4	0.0	11.3	21.8	21.9	27.3	30.0
	78	0.0	0.0	10.6	20.0	20.2	26.7	29.5
	77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	76	6.7	0.0	10.4	20.1	20.3	26.9	29.4
	75	5.1	0.0	10.1	19.8	20.6	26.8	29.2
ALL REGIONS UNITED STATES	79	4.9	6.0	11.0	20.3	23.6	27.5	31.0
	78	5.0	5.8	10.9	22.3	22.9	27.6	31.2
	77	5.0	5.8	11.1	20.1	23.4	27.5	31.1
	76	4.8	5.4	9.8	20.3	23.1	27.0	30.6
	75	4.9	5.9	10.9	20.0	23.3	27.2	30.7



## Section VII

### 18-Kip Rates and Equivalents for Rigid and Flexible Pavement Design

This series of tables represents the basic information for pavement design. The first set of tables indicates the summary of 18-kip rates and equivalents for rigid pavement design by vehicle type and State. The second set indicates similar information for flexible pavement design. The third set of tables presents the information by highway system group for a sample State.



1921 - PNEUMATIC TIRE IMPACT TESTS

Table 28

## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF CONNECTICUT TOTAL ALL SYSTEMS NUMBER OF STATIONS =	9	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		628	1.02	26,108	39.80	1.03	20.5	4.65	535.5	1.50	4.88
OTHER 2 AXLE 4 TIRE		32	0.76	1,321	2.01	0.61	6.8	0.20	8.9	0.02	0.12
2 AXLE 6 TIRE		1,129	1.05	8,928	13.61	1.04	139.1	0.53	1,241.9	3.46	0.55
3 AXLE OR MORE		261	1.65	1,516	2.31	0.77	1,173.7	0.41	1,779.3	4.96	0.32
ALL SINGLE UNIT TRKS		2,050	1.08	37,873	57.73	1.00	94.3	0.45	3,565.6	9.94	0.45
TRACTOR SEMI TRLS											
3 AXLE		127	0.96	950	1.45	1.01	450.4	0.73	427.9	1.19	0.74
4 AXLE		721	1.11	6,806	10.38	0.89	843.3	0.57	5,739.4	16.00	0.51
5 AXLE OR MORE		1,968	1.27	19,969	30.44	1.18	1,308.8	0.97	26,136.0	72.87	1.15
ALL TRAC. SEMI TRLS		2,816	1.21	27,725	42.27	1.09	1,164.6	0.86	32,303.3	90.06	0.94
ALL COMBINATIONS		2,816	1.21	27,725	42.27	1.09	1,164.6	0.86	32,303.3	90.06	0.94
TOTAL TRUCKS		4,866	1.15	65,598	100.00	1.03	546.7	0.82	35,868.9	100.00	0.85
STATE OF MAINE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/76	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/76	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 WEIGHED 1978/76	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/76
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		67	0.25	17,228	66.03	3.41	2.8	1.64	47.6	0.57	5.66
OTHER 2 AXLE 4 TIRE		40	2.66	136	0.52	1.63	1,022.3	102.23	139.0	1.63	173.75
2 AXLE 6 TIRE		234	0.68	3,201	12.27	2.72	315.4	1.46	1,005.7	11.87	4.00
3 AXLE OR MORE		123	1.04	1,238	4.74	3.68	1,728.8	1.38	2,140.3	25.17	5.12
ALL SINGLE UNIT TRKS		464	0.63	21,803	83.57	3.28	152.5	1.47	3,336.6	39.24	4.91
TRACTOR SEMI TRLS											
3 AXLE		11	0.30	99	0.38	1.47	240.4	1.23	23.8	0.28	1.83
4 AXLE		64	0.32	714	2.74	1.30	719.9	1.44	514.0	6.05	1.87
5 AXLE OR MORE		333	0.54	3,475	13.32	1.83	1,331.9	1.60	4,628.4	54.43	2.94
ALL TRAC. SEMI TRLS		408	0.48	4,288	16.43	1.71	1,204.0	1.62	5,166.2	60.76	2.78
ALL COMBINATIONS		409	0.48	4,288	16.43	1.71	1,204.0	1.62	5,166.2	60.76	2.78
TOTAL TRUCKS		873	0.55	26,091	100.00	2.85	325.3	1.16	8,502.8	100.00	3.35
STATE OF MASSACHUSETTS TOTAL ALL SYSTEMS NUMBER OF STATIONS =	4	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/75	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/75	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 WEIGHED 1978/75	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/75
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		179	1.34	8,934	46.85	1.35	2.9	1.16	26.4	0.36	1.58
OTHER 2 AXLE 4 TIRE		35	0.97	1,746	9.16	1.11	4.2	0.89	7.4	0.10	1.01
2 AXLE 6 TIRE		212	0.96	3,589	18.82	1.17	242.8	1.44	871.4	12.06	1.69
3 AXLE OR MORE		25	0.52	509	2.67	0.99	2,053.9	0.91	1,045.4	14.47	0.90
ALL SINGLE UNIT TRKS		451	1.03	14,778	77.50	1.25	131.8	0.90	1,950.6	26.99	1.15
TRACTOR SEMI TRLS											
3 AXLE		11	0.57	302	1.58	1.25	234.0	0.32	70.7	0.98	0.40
4 AXLE		86	1.11	1,656	8.68	1.15	1,017.0	1.07	1,684.1	23.31	1.24
5 AXLE OR MORE		104	0.99	2,333	12.23	1.42	1,508.7	1.04	3,519.8	48.72	1.48
ALL TRAC. SEMI TRLS		201	1.00	4,291	22.50	1.29	1,228.8	1.04	5,274.6	73.01	1.35
ALL COMBINATIONS		201	1.00	4,291	22.50	1.29	1,228.8	1.04	5,274.6	73.01	1.35
TOTAL TRUCKS		652	1.02	19,069	100.00	1.26	378.6	1.01	7,225.2	100.00	1.29
STATE OF NEW HAMPSHIRE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	10	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		136	0.77	17,187	71.68	1.07	14.5	1.35	249.8	3.70	1.46
OTHER 2 AXLE 4 TIRE		13	1.18	214	0.89	1.82	565.7	101.01	121.1	1.80	173.00
2 AXLE 6 TIRE		608	0.76	3,049	12.72	1.10	369.6	1.10	1,126.8	16.72	1.22
3 AXLE OR MORE		196	0.74	608	2.54	0.80	1,752.1	0.84	1,065.3	15.81	0.68
ALL SINGLE UNIT TRKS		953	0.76	21,058	87.82	1.07	121.2	0.89	2,563.0	38.03	0.96
TRACTOR SEMI TRLS											
3 AXLE		46	1.02	109	0.45	0.86	756.3	1.65	82.4	1.22	1.42
4 AXLE		270	0.60	825	3.44	0.89	949.4	0.87	783.3	11.62	0.78
5 AXLE OR MORE		648	0.87	1,987	8.29	1.13	1,666.2	0.98	3,310.8	49.13	1.10
ALL TRAC. SEMI TRLS		964	0.77	2,921	12.18	1.04	1,426.8	0.99	4,176.5	61.97	1.03
ALL COMBINATIONS		964	0.77	2,921	12.18	1.04	1,426.8	0.99	4,176.5	61.97	1.03
TOTAL TRUCKS		1,917	0.77	23,979	100.00	1.07	280.3	0.93	6,739.5	100.00	1.00
STATE OF RHODE ISLAND TOTAL ALL SYSTEMS NUMBER OF STATIONS =	5	NUMBER OF TRUCKS WEIGHED 1975	RATIO OF TRUCKS WEIGHED 1975/74	NUMBER OF TRUCKS COUNTED 1975	% DISTR OF TRUCKS COUNTED 1975	RATIO OF TRUCKS COUNTED 1975/74	18-K EQV PER 1000 TRUCKS WEIGHED 1975	RATIO OF 18-K EQV PER 1000 WEIGHED 1975/74	18-K EQV FOR ALL TRUCKS COUNTED 1975	% DISTR 18-K EQV ALL TRKS COUNTED 1975	RATIO OF 18-K EQV ALL TRKS COUNTED 1975/74
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		340	0.63	7,145	51.77	1.16	5.1	0.66	36.7	0.41	0.77
OTHER 2 AXLE 4 TIRE		30	0.17	0	0.00	0.00	9.4	0.04	0.0	0.00	0.00
2 AXLE 6 TIRE		307	2.25	2,108	15.27	0.92	241.6	0.64	509.2	5.74	0.59
3 AXLE OR MORE		42	1.35	305	2.21	0.84	2,056.2	0.59	627.1	7.07	0.50
ALL SINGLE UNIT TRKS		719	0.82	9,558	69.25	1.08	122.3	0.50	1,173.0	13.22	0.54
TRACTOR SEMI TRLS											
3 AXLE		23	1.00	229	1.66	0.71	591.0	0.96	135.3	1.52	0.68
4 AXLE		121	0.75	1,397	10.12	0.85	1,504.7	0.88	2,102.0	23.69	0.75
5 AXLE OR MORE		235	1.06	2,618	18.97	0.92	2,087.0	0.89	5,463.8	61.57	0.82
ALL TRAC. SEMI TRLS		379	0.94	4,244	30.75	0.88	1,817.3	0.90	7,701.1	86.78	0.80
ALL COMBINATIONS		379	0.94	4,244	30.75	0.88	1,817.3	0.90	7,701.1	86.78	0.80
TOTAL TRUCKS		1,098	0.85	13,802	100.00	1.01	643.5	0.74	8,874.1	100.00	0.75

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF VERMONT TOTAL ALL SYSTEMS NUMBER OF STATIONS =	8	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		691	2.37	6,354	59.68	1.32	2.8	1.27	17.9	0.46	1.72
OTHER 2 AXLE 4 TIRE		41	1.20	33	0.31	0.17	88.9	0.94	2.9	0.07	0.15
2 AXLE 6 TIRE		318	0.96	1,507	14.15	0.91	306.1	0.90	461.3	11.75	0.82
3 AXLE OR MORE		94	1.11	420	3.94	0.76	1,480.1	1.05	621.6	15.84	0.80
ALL SINGLE UNIT TRKS		1,144	1.55	8,314	78.09	1.15	132.0	0.69	1,103.7	28.12	0.81
TRACTOR SEMI TRLRS											
3 AXLE		16	1.14	118	1.11	1.18	648.9	0.75	76.6	1.95	0.89
4 AXLE		122	0.84	480	4.51	0.88	1,001.2	1.26	480.6	12.25	1.11
5 AXLE OR MORE		405	0.88	1,735	16.30	0.92	1,304.7	0.83	2,263.7	57.68	0.77
ALL TRAC. SEMI TRLRS		543	0.88	2,333	21.91	0.92	1,209.1	0.88	2,820.9	71.88	0.81
ALL COMBINATIONS		543	0.87	2,333	21.91	0.92	1,209.1	0.88	2,820.9	71.88	0.81
TOTAL TRUCKS		1,687	1.24	10,647	100.00	1.09	368.0	0.74	3,924.6	100.00	0.81
STATE OF NEW JERSEY TOTAL ALL SYSTEMS NUMBER OF STATIONS =	26	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,390	0.73	45,276	36.28	1.09	12.6	0.78	572.5	0.63	0.86
OTHER 2 AXLE 4 TIRE		706	0.62	6,179	4.95	1.71	55.7	3.41	343.9	0.37	5.87
2 AXLE 6 TIRE		2,039	0.81	17,301	13.87	1.02	283.1	1.36	4,897.9	5.32	1.39
3 AXLE OR MORE		392	0.80	4,384	3.51	1.02	2,238.2	1.46	9,812.3	10.65	1.50
ALL SINGLE UNIT TRKS		4,527	0.75	73,140	58.61	1.10	213.8	1.31	15,626.6	16.97	1.45
TRACTOR SEMI TRLRS											
3 AXLE		206	0.78	1,804	1.45	0.99	604.8	1.15	1,091.1	1.18	1.15
4 AXLE		1,129	0.73	10,924	8.75	1.00	1,126.1	1.26	12,301.6	13.35	1.27
5 AXLE OR MORE		4,382	0.89	38,913	31.19	0.91	1,621.5	1.08	63,098.7	68.50	0.98
ALL TRAC. SEMI TRLRS		5,717	0.85	51,641	41.39	0.93	1,481.6	1.09	76,491.4	83.03	1.02
ALL COMBINATIONS		5,718	0.84	51,641	41.39	0.93	1,481.6	1.09	76,491.4	83.03	1.02
TOTAL TRUCKS		10,245	0.80	124,781	100.00	1.02	738.5	1.05	92,118.0	100.00	1.07
STATE OF NEW YORK TOTAL ALL SYSTEMS NUMBER OF STATIONS =	20	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/74	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/74	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/74	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/74
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,698	1.07	23,289	28.20	0.89	15.0	1.66	349.2	0.93	1.48
OTHER 2 AXLE 4 TIRE		110	1.34	16,496	19.97	10.12	7.3	0.81	120.4	0.32	8.24
2 AXLE 6 TIRE		1,677	1.04	13,440	16.27	1.02	206.7	1.18	2,778.5	7.43	1.21
3 AXLE OR MORE		209	0.91	2,149	2.60	0.96	1,651.9	1.12	3,549.8	9.49	1.08
ALL SINGLE UNIT TRKS		3,694	1.05	55,374	67.05	1.29	122.8	0.90	6,797.9	18.17	1.17
TRACTOR SEMI TRLRS											
3 AXLE		93	0.68	1,025	1.24	0.75	380.5	0.74	390.0	1.04	0.56
4 AXLE		432	0.81	5,840	7.07	0.84	768.6	1.09	4,488.5	12.00	0.92
5 AXLE OR MORE		1,526	1.13	20,349	24.64	1.29	1,264.6	1.23	25,732.5	68.79	1.59
ALL TRAC. SEMI TRLRS		2,051	1.02	27,214	32.95	1.13	1,125.0	1.24	30,611.0	81.83	1.41
ALL COMBINATIONS		2,051	1.02	27,214	32.95	1.13	1,110.8	1.24	30,611.0	81.83	1.41
TOTAL TRUCKS		5,745	1.04	82,588	100.00	1.23	451.1	1.10	37,408.9	100.00	1.36
STATE OF PENNSYLVANIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	6	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/76	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/76	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/76	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/76
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		416	0.99	11,424	45.95	1.02	10.2	2.17	116.2	0.80	2.22
OTHER 2 AXLE 4 TIRE		0	0.00	385	1.55	0.80	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE		221	0.26	2,177	8.76	0.69	119.4	2.02	260.0	1.81	1.40
3 AXLE OR MORE		69	1.01	501	2.02	0.90	1,245.9	1.45	624.2	4.34	1.32
ALL SINGLE UNIT TRKS		706	0.53	14,487	58.27	0.94	69.2	1.49	1,000.4	6.95	1.40
TRACTOR SEMI TRLRS											
3 AXLE		43	1.53	327	1.32	0.91	282.5	0.39	92.4	0.64	0.36
4 AXLE		136	1.47	848	3.41	0.79	809.0	1.03	686.0	4.77	0.82
5 AXLE OR MORE		912	1.03	9,180	36.93	1.03	1,369.6	1.06	12,572.8	87.35	1.10
ALL TRAC. SEMI TRLRS		1,091	1.09	10,355	41.65	1.00	1,288.5	1.06	13,351.2	92.76	1.07
ALL COMBINATIONS		1,092	1.09	10,373	41.73	1.00	1,286.8	1.07	13,393.1	93.05	1.07
TOTAL TRUCKS		1,798	0.77	24,860	100.00	0.96	578.1	1.12	14,393.5	100.00	1.09
STATE OF DELAWARE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	9	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		903	1.44	20,214	53.70	1.43	1.2	0.12	24.3	0.11	0.17
OTHER 2 AXLE 4 TIRE		21	0.80	1,147	3.05	1.03	5.7	0.44	6.5	0.03	0.46
2 AXLE 6 TIRE		366	1.03	4,325	11.49	1.17	272.8	0.79	1,179.8	5.11	0.93
3 AXLE OR MORE		125	0.88	1,131	3.00	1.01	3,574.5	0.97	4,042.8	17.51	0.98
ALL SINGLE UNIT TRKS		1,415	1.23	26,817	71.24	1.34	195.8	0.70	5,253.4	22.76	0.95
TRACTOR SEMI TRLRS											
3 AXLE		17	0.47	1,540	4.09	1.35	345.1	0.46	531.4	2.30	0.63
4 AXLE		79	0.64	1,761	4.68	1.02	1,476.3	0.80	2,595.8	11.26	0.82
5 AXLE OR MORE		541	0.71	7,523	19.99	10.36	1,953.9	0.51	14,699.4	63.68	5.32
ALL TRAC. SEMI TRLRS		637	0.69	10,824	28.76	3.02	1,647.2	0.87	17,830.6	77.24	2.64
ALL COMBINATIONS		637	0.69	10,824	28.76	3.02	1,647.2	0.87	17,830.6	77.24	2.64
TOTAL TRUCKS		2,052	0.99	37,641	100.00	1.59	613.2	1.17	23,084.0	100.00	1.88

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.



SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

DISTRICT OF COLUMBIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	2	NUMBER OF TRUCKS WEIGHED 1973	RATIO OF TRUCKS WEIGHED 1973/72	NUMBER OF TRUCKS COUNTED 1973	% DISTR OF TRUCKS COUNTED 1973	RATIO OF TRUCKS COUNTED 1973/72	18-K EQV PER 1000 TRUCKS WEIGHED 1973	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1973/72	18-K EQV FOR ALL TRUCKS COUNTED 1973	% DISTR 18-K EQV ALL TRKS COUNTED 1973	RATIO OF 18-K EQV ALL TRKS COUNTED 1973/72
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		66	3.00	2,518	37.34	1.46	905.7	16.40	2,280.6	47.34	24.13
UTHER 2 AXLE 4 TIRE		267	0.90	671	9.95	0.49	299.2	1.60	200.7	4.17	0.80
2 AXLE 6 TIRE		16	16.00	2,382	35.32	3.17	377.1	37.71	898.2	18.65	119.76
3 AXLE OR MORE		113	1.37	367	5.44	0.77	1,682.3	0.88	617.4	12.82	0.68
ALL SINGLE UNIT TRKS		462	1.15	5,938	88.05	1.38	674.9	2.29	3,996.9	82.98	3.19
TRACTOR SEMI TRKRS											
3 AXLE		9	0.37	141	2.09	1.34	473.8	0.92	66.8	1.39	1.23
4 AXLE		37	0.35	258	3.83	1.04	546.6	0.87	141.0	2.93	0.91
5 AXLE OR MORE		69	0.51	407	6.03	1.32	1,502.7	1.35	611.6	12.70	1.78
ALL TRAC. SEMI TRKRS		115	0.44	806	11.95	1.22	1,019.2	1.23	819.4	17.02	1.48
ALL COMBINATIONS		157	0.59	806	11.95	1.22	1,019.2	1.23	819.4	17.02	1.48
TOTAL TRUCKS		619	0.93	6,744	100.00	1.36	716.0	1.96	4,816.3	100.00	2.67
STATE OF MARYLAND TOTAL ALL SYSTEMS NUMBER OF STATIONS =	11	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		430	0.87	33,695	48.35	1.00	35.6	1.31	1,200.5	3.24	1.32
UTHER 2 AXLE 4 TIRE		64	0.33	2,758	3.96	0.90	9.6	0.96	26.4	0.07	0.85
2 AXLE 6 TIRE		1,235	0.95	9,924	14.24	1.04	262.3	0.85	2,603.1	7.03	0.89
3 AXLE OR MORE		388	1.06	2,807	4.03	0.95	1,572.8	0.63	4,695.5	12.68	0.60
ALL SINGLE UNIT TRKS		2,117	0.90	49,184	70.57	1.00	173.4	0.73	8,525.5	23.02	0.73
TRACTOR SEMI TRKRS											
3 AXLE		71	0.87	579	0.83	0.66	605.0	1.09	350.3	0.95	0.73
4 AXLE		335	1.06	2,552	3.66	0.76	692.5	0.65	1,767.3	4.77	0.50
5 AXLE OR MORE		1,943	1.15	17,357	24.90	0.96	1,516.9	0.74	26,328.0	71.08	0.71
ALL TRAC. SEMI TRKRS		2,349	1.13	20,488	29.40	0.92	1,389.0	0.75	28,445.6	76.80	0.70
ALL COMBINATIONS		2,353	1.13	20,512	29.43	0.92	1,342.2	0.74	28,513.3	76.98	0.70
TOTAL TRUCKS		4,470	1.01	69,696	100.00	0.97	526.1	0.72	37,038.8	100.00	0.70
STATE OF VIRGINIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	24	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,393	0.84	51,908	51.16	1.19	4.8	0.46	248.8	0.57	0.55
UTHER 2 AXLE 4 TIRE		292	0.94	2,117	2.09	1.55	9.1	0.97	19.3	0.04	1.53
2 AXLE 6 TIRE		2,269	1.15	11,698	11.53	1.20	187.9	0.93	2,197.5	4.97	1.12
3 AXLE OR MORE		422	1.17	2,629	2.59	1.61	717.6	0.92	1,886.5	4.27	1.49
ALL SINGLE UNIT TRKS		4,376	1.02	68,352	67.36	1.22	63.6	0.96	4,352.1	9.85	1.18
TRACTOR SEMI TRKRS											
3 AXLE		117	0.79	1,160	1.14	1.05	408.2	0.89	473.5	1.07	0.94
4 AXLE		634	1.05	3,552	3.50	0.97	567.6	1.00	2,016.2	4.56	0.97
5 AXLE OR MORE		3,994	1.19	28,402	27.99	1.16	1,315.4	1.00	37,361.2	84.52	1.16
ALL TRAC. SEMI TRKRS		4,345	1.15	33,114	32.64	1.13	1,203.7	1.01	39,850.9	90.15	1.15
ALL COMBINATIONS		4,345	1.15	33,114	32.64	1.13	1,203.7	1.01	39,850.9	90.15	1.15
TOTAL TRUCKS		8,721	1.08	101,466	100.00	1.19	435.7	0.97	44,203.0	100.00	1.15
STATE OF WEST VIRGINIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	17	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,313	1.53	35,753	59.90	0.98	6.2	0.46	220.8	0.99	0.46
UTHER 2 AXLE 4 TIRE		80	3.47	274	0.46	2.04	191.9	0.88	52.6	0.24	1.81
2 AXLE 6 TIRE		1,133	0.93	5,896	9.88	0.99	161.8	1.00	954.1	4.27	0.99
3 AXLE OR MORE		348	0.71	1,578	2.64	1.00	1,488.9	1.39	2,349.5	10.52	1.39
ALL SINGLE UNIT TRKS		2,874	1.11	43,501	72.88	0.99	82.2	1.14	3,577.0	16.02	1.13
TRACTOR SEMI TRKRS											
3 AXLE		94	1.04	676	1.13	0.61	522.7	1.46	353.3	1.58	0.90
4 AXLE		245	0.83	1,382	2.32	0.95	613.2	0.93	847.4	3.79	0.89
5 AXLE OR MORE		2,196	0.89	14,126	23.67	0.91	1,242.9	0.84	17,557.9	78.61	0.77
ALL TRAC. SEMI TRKRS		2,535	0.89	16,184	27.12	0.89	1,159.2	0.86	18,758.6	83.98	0.78
ALL COMBINATIONS		2,535	0.89	16,184	27.12	0.89	1,159.2	0.86	18,758.6	83.98	0.78
TOTAL TRUCKS		5,409	0.99	59,685	100.00	0.96	374.3	0.85	22,335.6	100.00	0.82
STATE OF FLORIDA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	18	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		25,349	0.93	25,363	30.49	0.93	1.6	0.80	40.0	0.09	0.74
UTHER 2 AXLE 4 TIRE		11,997	3.66	12,021	14.45	3.65	3.4	0.41	40.6	0.10	1.51
2 AXLE 6 TIRE		11,227	1.28	11,195	13.46	1.27	118.2	1.18	1,323.2	3.18	1.50
3 AXLE OR MORE		2,352	1.69	2,440	2.93	1.71	916.7	1.37	2,230.8	5.37	2.35
ALL SINGLE UNIT TRKS		50,925	1.25	51,019	61.34	1.25	71.5	1.52	3,640.6	8.74	1.90
TRACTOR SEMI TRKRS											
3 AXLE		959	1.43	949	1.14	1.43	335.1	0.99	318.0	0.76	1.42
4 AXLE		8,973	1.34	8,946	10.76	1.34	1,281.2	1.12	11,461.2	27.52	1.51
5 AXLE OR MORE		22,286	1.23	22,262	26.76	1.24	1,178.4	1.03	26,233.6	62.98	1.28
ALL TRAC. SEMI TRKRS		32,218	1.26	32,157	38.66	1.27	1,182.2	1.05	38,012.8	91.26	1.34
ALL COMBINATIONS		32,218	1.26	32,157	38.66	1.26	1,182.1	1.05	38,012.8	91.26	1.34
TOTAL TRUCKS		83,143	1.26	83,176	100.00	1.26	500.9	1.09	41,653.4	100.00	1.37

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.



SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF GEORGIA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	82	0.36	23,968	43.49	0.82	3.2	0.69	77.1	0.13	0.57
OTHER 2 AXLE 4 TIRE	0	0.00	2,837	5.15	6.12	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	500	1.33	5,005	9.08	0.76	119.6	0.39	598.8	0.96	0.29
3 AXLE OR MORE	114	1.40	1,034	1.88	0.71	1,542.9	0.87	1,595.4	2.56	0.62
ALL SINGLE UNIT TRKS	696	1.00	32,844	59.60	0.87	69.0	0.54	2,271.3	3.65	0.48
TRACTOR SEMI TRLRS										
3 AXLE	37	0.97	695	1.26	0.95	871.4	0.90	605.6	0.97	0.86
4 AXLE	150	0.90	2,961	5.37	0.72	1,526.1	0.85	4,518.9	7.25	0.62
5 AXLE OR MORE	809	0.96	18,608	33.77	1.00	2,951.7	1.23	54,925.5	88.13	1.24
ALL TRAC. SEMI TRLRS	996	0.95	22,264	40.40	0.95	2,697.3	1.20	60,050.0	96.35	1.15
ALL COMBINATIONS	996	0.95	22,264	40.40	0.95	2,697.3	1.20	60,050.0	96.35	1.15
TOTAL TRUCKS	1,692	0.97	55,108	100.00	0.90	1,130.9	1.21	62,321.3	100.00	1.09
STATE OF NORTH CAROLINA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 25										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,247	1.42	43,201	49.84	1.03	1.9	0.55	83.7	0.26	0.59
OTHER 2 AXLE 4 TIRE	114	0.61	789	0.91	0.50	22.6	1.59	17.8	0.06	0.80
2 AXLE 6 TIRE	2,167	0.86	11,854	13.68	1.10	151.4	0.92	1,794.7	5.56	1.01
3 AXLE OR MORE	599	0.84	2,505	2.89	1.06	774.4	0.82	1,939.9	6.01	0.87
ALL SINGLE UNIT TRKS	5,127	1.03	58,349	67.32	1.03	65.7	0.89	3,836.1	11.89	0.92
TRACTOR SEMI TRLRS										
3 AXLE	164	1.05	626	0.72	0.86	547.2	1.54	342.6	1.06	1.34
4 AXLE	905	0.80	4,129	4.76	0.93	464.5	0.94	1,917.7	5.94	0.88
5 AXLE OR MORE	5,085	0.96	23,571	27.19	1.10	1,110.3	0.97	26,171.7	81.11	1.08
ALL TRAC. SEMI TRLRS	6,154	0.93	28,326	32.68	1.07	1,003.7	0.99	28,432.0	88.11	1.07
ALL COMBINATIONS	6,154	0.93	28,326	32.68	1.07	1,000.8	0.99	28,432.0	88.11	1.07
TOTAL TRUCKS	11,281	0.97	86,675	100.00	1.04	371.9	1.00	32,268.1	100.00	1.05
STATE OF SOUTH CAROLINA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 12										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	618	0.36	24,024	51.80	1.16	4.5	1.55	107.4	0.57	1.81
OTHER 2 AXLE 4 TIRE	2	0.03	1,331	2.87	5.04	5.2	0.82	6.9	0.04	4.05
2 AXLE 6 TIRE	631	0.99	5,591	12.05	1.17	177.3	1.03	991.4	5.28	1.21
3 AXLE OR MORE	56	0.65	710	1.53	1.33	1,110.7	0.59	788.6	4.20	0.79
ALL SINGLE UNIT TRKS	1,307	0.52	31,656	68.25	1.20	60.0	0.84	1,894.3	10.09	1.01
TRACTOR SEMI TRLRS										
3 AXLE	34	1.30	680	1.47	3.02	724.2	1.43	492.5	2.62	4.33
4 AXLE	181	0.88	2,957	6.38	1.19	651.1	0.64	1,925.2	10.25	0.77
5 AXLE OR MORE	746	1.22	11,089	23.91	1.51	1,305.0	1.00	14,471.1	77.04	1.52
ALL TRAC. SEMI TRLRS	961	1.14	14,726	31.75	1.46	1,146.9	0.94	16,888.8	89.91	1.39
ALL COMBINATIONS	961	1.14	14,726	31.75	1.46	1,146.9	0.94	16,888.8	89.91	1.39
TOTAL TRUCKS	2,268	0.68	46,382	100.00	1.27	405.1	1.05	18,793.1	100.00	1.34
STATE OF ILLINOIS TOTAL ALL SYSTEMS NUMBER OF STATIONS = 11										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	559	1.39	15,227	32.20	1.11	5.0	2.50	76.7	0.26	2.78
OTHER 2 AXLE 4 TIRE	88	0.93	1,658	3.51	0.86	163.9	24.10	271.7	0.96	20.90
2 AXLE 6 TIRE	164	0.68	4,005	8.47	0.98	118.5	0.88	474.4	1.67	0.86
3 AXLE OR MORE	80	1.26	1,104	2.33	1.37	435.6	1.03	480.9	1.69	1.42
ALL SINGLE UNIT TRKS	891	1.11	21,994	46.50	1.07	59.3	1.31	1,303.7	4.58	1.41
TRACTOR SEMI TRLRS										
3 AXLE	53	0.85	494	1.04	0.84	317.2	0.75	156.7	0.55	0.64
4 AXLE	213	0.86	1,916	4.05	1.03	535.7	0.96	1,026.5	3.61	0.99
5 AXLE OR MORE	1,993	0.95	22,005	46.53	1.06	1,132.7	0.94	24,924.8	87.68	1.00
ALL TRAC. SEMI TRLRS	2,259	0.94	24,415	51.62	1.05	1,069.4	0.95	26,108.0	91.84	1.00
ALL COMBINATIONS	2,341	0.92	25,302	53.50	0.99	1,072.0	0.92	27,122.9	95.42	0.91
TOTAL TRUCKS	3,232	0.97	47,296	100.00	1.03	601.0	0.90	28,426.6	100.00	0.93
STATE OF INDIANA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	845	0.94	22,804	33.53	0.89	6.6	0.56	151.2	0.36	0.51
OTHER 2 AXLE 4 TIRE	3	0.13	919	1.35	1.72	61.3	5.28	56.4	0.13	9.09
2 AXLE 6 TIRE	525	1.07	4,017	5.91	0.79	122.6	1.20	492.5	1.18	0.95
3 AXLE OR MORE	142	1.19	1,158	1.70	1.05	502.3	1.01	581.6	1.39	1.07
ALL SINGLE UNIT TRKS	1,515	0.99	28,898	42.48	0.89	44.4	1.05	1,281.7	3.06	0.94
TRACTOR SEMI TRLRS										
3 AXLE	54	0.67	738	1.08	0.88	341.5	1.00	252.0	0.60	0.88
4 AXLE	223	0.84	3,006	4.42	0.84	479.6	0.94	1,441.7	3.45	0.79
5 AXLE OR MORE	2,247	1.08	33,249	48.88	0.95	1,142.6	0.93	37,988.9	90.82	0.88
ALL TRAC. SEMI TRLRS	2,524	1.04	36,993	54.39	0.94	1,072.8	0.93	39,682.6	94.87	0.88
ALL COMBINATIONS	2,586	1.05	39,122	57.52	0.95	1,036.5	0.91	40,548.5	96.94	0.87
TOTAL TRUCKS	4,101	1.02	68,020	100.00	0.92	615.0	0.94	41,830.2	100.00	0.87

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF MICHIGAN TOTAL ALL SYSTEMS NUMBER OF STATIONS =	15	NUMBER OF TRUCKS WEIGHED 1976	RATIO OF TRUCKS WEIGHED 1976/74	NUMBER OF TRUCKS COUNTED 1976	% DISTR OF TRUCKS COUNTED 1976	RATIO OF TRUCKS COUNTED 1976/74	18-K EQV PER 1000 TRUCKS WEIGHED 1976	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1976/74	18-K EQV FOR ALL TRUCKS COUNTED 1976	% DISTR 18-K EQV ALL TRKS COUNTED 1976	RATIO OF 18-K EQV ALL TRKS COUNTED 1976/74
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,121	1.28	92,953	42.80	1.10	3.0	0.66	278.7	0.26	0.74
OTHER 2 AXLE 4 TIRE		155	6.20	1,982	0.91	0.92	5.9	1.18	11.8	0.01	1.09
2 AXLE 6 TIRE		1,054	1.05	25,741	11.85	1.18	132.5	0.93	3,409.4	3.21	1.10
3 AXLE OR MORE		236	0.94	3,961	1.82	0.95	574.7	1.01	2,276.3	2.14	0.96
ALL SINGLE UNIT TRKS		2,566	1.19	124,637	57.39	1.11	47.9	0.91	5,976.2	5.62	1.02
TRACTOR SEMI TRLRS											
3 AXLE		189	1.16	3,512	1.62	0.76	380.0	0.94	1,334.7	1.26	0.71
4 AXLE		449	1.16	9,208	4.24	0.91	492.2	0.89	4,532.4	4.27	0.82
5 AXLE OR MORE		1,980	1.19	70,272	32.36	1.08	1,166.8	0.98	81,991.6	77.19	1.07
ALL TRAC. SEMI TRLRS		2,568	1.18	82,992	38.22	1.04	1,058.6	1.00	87,858.7	82.72	1.04
ALL COMBINATIONS		2,827	1.14	92,534	42.61	1.06	1,083.3	0.96	100,249.9	94.38	1.03
TOTAL TRUCKS		5,393	1.16	217,171	100.00	1.09	489.1	0.94	106,226.0	100.00	1.03
STATE OF OHIO TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/76	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/76	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/76	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/76
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		0	0.00	93,471	30.93	1.29	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE		1	0.00	12,391	4.10	1.52	10.0	0.00	123.9	0.05	0.00
2 AXLE 6 TIRE		1,114	1.05	26,103	8.64	1.10	175.4	1.07	4,578.7	1.84	1.19
3 AXLE OR MORE		375	1.14	7,733	2.56	1.13	801.1	1.42	6,194.8	2.48	1.62
ALL SINGLE UNIT TRKS		1,490	1.08	139,698	46.22	1.26	78.0	1.12	10,897.4	4.36	1.42
TRACTOR SEMI TRLRS											
3 AXLE		148	1.12	3,521	1.17	0.94	516.7	1.13	1,819.2	0.73	1.07
4 AXLE		423	1.09	12,025	3.98	1.00	668.6	1.06	8,039.8	3.22	1.07
5 AXLE OR MORE		3,191	1.18	143,152	47.37	1.18	1,556.1	1.09	222,758.5	89.28	1.29
ALL TRAC. SEMI TRLRS		3,762	1.17	158,698	52.51	1.15	1,465.8	1.10	232,617.5	93.23	1.27
ALL COMBINATIONS		3,861	1.18	162,517	53.78	1.15	1,468.3	1.10	238,617.5	95.64	1.27
TOTAL TRUCKS		5,351	1.15	302,215	100.00	1.20	825.6	1.06	249,514.8	100.00	1.27
STATE OF WISCONSIN TOTAL ALL SYSTEMS NUMBER OF STATIONS =	16	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		779	0.74	16,580	33.41	1.70	7.2	1.30	118.7	0.33	2.22
OTHER 2 AXLE 4 TIRE		30	0.33	99	0.20	0.11	54.9	2.65	5.4	0.02	0.29
2 AXLE 6 TIRE		780	0.80	4,566	9.20	1.41	163.1	0.93	744.6	2.08	1.32
3 AXLE OR MORE		208	0.77	1,082	2.18	1.03	748.7	1.19	810.1	2.26	1.23
ALL SINGLE UNIT TRKS		1,797	0.75	22,327	44.99	1.50	74.9	0.86	1,678.8	4.69	1.29
TRACTOR SEMI TRLRS											
3 AXLE		103	0.55	662	1.33	1.10	459.8	1.06	304.4	0.85	1.18
4 AXLE		422	0.80	2,134	4.30	1.08	488.9	0.95	1,043.3	2.91	1.03
5 AXLE OR MORE		3,800	1.22	23,691	47.73	1.32	1,359.3	1.10	32,202.0	89.81	1.46
ALL TRAC. SEMI TRLRS		4,325	1.13	26,487	53.37	1.29	1,266.5	1.11	33,549.7	93.57	1.44
ALL COMBINATIONS		4,457	1.13	27,305	55.01	1.26	1,251.5	1.15	34,176.2	95.31	1.46
TOTAL TRUCKS		6,254	0.99	49,632	100.00	1.36	722.2	1.06	35,855.0	100.00	1.45
STATE OF ALABAMA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		169	0.12	24,863	54.17	1.02	2.7	1.12	66.4	0.33	1.13
OTHER 2 AXLE 4 TIRE		6	0.11	65	0.14	0.39	9.2	1.26	6.6	0.00	0.50
2 AXLE 6 TIRE		453	0.31	4,397	9.58	0.93	130.9	0.73	575.4	2.78	0.68
3 AXLE OR MORE		147	0.35	1,047	2.28	1.03	840.1	1.00	879.5	4.25	1.04
ALL SINGLE UNIT TRKS		775	0.23	30,372	66.17	1.00	50.0	0.87	1,521.9	7.36	0.87
TRACTOR SEMI TRLRS											
3 AXLE		56	0.35	305	0.66	0.95	429.2	1.10	130.9	0.63	1.05
4 AXLE		200	0.35	1,155	2.52	0.86	517.1	1.08	597.3	2.88	0.94
5 AXLE OR MORE		1,802	0.37	14,068	30.65	1.07	1,311.9	1.03	18,456.0	89.13	1.10
ALL TRAC. SEMI TRLRS		2,058	0.37	15,528	33.83	1.05	1,235.6	1.04	19,184.2	92.64	1.10
ALL COMBINATIONS		2,058	0.37	15,528	33.83	1.05	1,235.6	1.04	19,184.2	92.64	1.10
TOTAL TRUCKS		2,833	0.32	45,900	100.00	1.02	451.1	1.06	20,706.1	100.00	1.08
STATE OF KENTUCKY TOTAL ALL SYSTEMS NUMBER OF STATIONS =	11	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		180	5.14	62,941	36.53	1.33	6.0	0.60	376.9	0.30	0.79
OTHER 2 AXLE 4 TIRE		21	0.77	3,122	1.81	2.14	29.8	1.51	92.9	0.07	3.23
2 AXLE 6 TIRE		778	0.67	18,317	10.63	1.08	265.4	1.23	4,860.9	3.88	1.34
3 AXLE OR MORE		269	0.77	4,586	2.66	1.35	1,092.4	1.48	5,009.8	4.00	2.02
ALL SINGLE UNIT TRKS		1,248	0.79	88,966	51.63	1.29	116.2	1.20	10,340.5	8.25	1.56
TRACTOR SEMI TRLRS											
3 AXLE		122	0.57	2,068	1.20	0.85	409.7	0.94	847.2	0.68	0.80
4 AXLE		391	0.58	7,429	4.31	0.92	600.9	1.06	4,463.8	3.57	0.98
5 AXLE OR MORE		3,650	0.71	73,605	42.72	1.01	1,485.7	1.04	109,357.5	87.36	1.05
ALL TRAC. SEMI TRLRS		4,163	0.69	83,102	48.23	0.99	1,379.7	1.05	114,668.5	91.61	1.05
ALL COMBINATIONS		4,182	0.69	83,339	48.37	0.99	1,377.5	1.05	114,840.2	91.75	1.04
TOTAL TRUCKS		5,430	0.71	172,305	100.00	1.13	726.3	0.95	125,180.7	100.00	1.07

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF MISSISSIPPI TOTAL ALL SYSTEMS NUMBER OF STATIONS =	13	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/77	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/77	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/77	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		13	0.02	29,343	61.87	1.25	0.4	0.11	11.7	0.07	0.14
OTHER 2 AXLE 4 TIRE		13	0.08	200	0.42	0.96	27.0	2.78	5.4	0.03	2.70
2 AXLE 6 TIRE		306	0.71	3,541	7.47	1.03	166.3	1.07	588.7	3.44	1.11
3 AXLE OR MORE		151	0.93	605	1.28	0.94	363.8	0.84	220.1	1.28	0.80
ALL SINGLE UNIT TRKS		483	0.36	33,689	71.04	1.21	24.5	0.76	825.9	4.82	0.93
TRACTOR SEMI TRLRS											
3 AXLE		47	0.61	299	0.63	0.85	483.8	1.21	144.7	0.84	1.03
4 AXLE		205	0.73	1,216	2.56	0.89	581.3	1.05	706.9	4.13	0.94
5 AXLE OR MORE		1,879	0.82	12,221	25.77	1.08	1,264.8	1.02	15,456.7	90.21	1.11
ALL TRAC. SEMI TRLRS		2,131	0.80	13,736	28.96	1.05	1,188.0	1.04	16,308.3	95.18	1.10
ALL COMBINATIONS		2,131	0.80	13,736	28.96	1.05	1,188.0	1.04	16,308.3	95.18	1.10
TOTAL TRUCKS		2,614	0.65	47,425	100.00	1.16	361.5	0.93	17,134.2	100.00	1.09
STATE OF TENNESSEE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		200	0.42	30,525	45.01	0.92	8.1	1.26	247.8	0.59	1.17
OTHER 2 AXLE 4 TIRE		44	0.55	1,482	2.19	0.87	7.6	1.18	11.3	0.03	1.04
2 AXLE 6 TIRE		547	0.68	6,513	9.60	0.82	229.4	0.98	1,494.2	3.52	0.81
3 AXLE OR MORE		116	0.70	1,250	1.84	0.95	948.1	0.63	1,185.1	2.79	0.60
ALL SINGLE UNIT TRKS		907	0.59	39,770	58.65	0.90	74.0	0.80	2,938.4	6.93	0.73
TRACTOR SEMI TRLRS											
3 AXLE		33	0.80	508	0.75	0.88	812.7	1.23	412.9	0.97	1.09
4 AXLE		164	0.65	2,660	3.92	0.86	692.1	0.84	1,841.1	4.34	0.72
5 AXLE OR MORE		1,109	0.73	24,874	36.68	1.29	1,497.2	0.81	37,240.8	87.76	1.05
ALL TRAC. SEMI TRLRS		1,306	0.72	28,042	41.35	1.22	1,408.0	0.84	39,494.8	93.07	1.03
ALL COMBINATIONS		1,306	0.72	28,042	41.35	1.22	1,408.0	0.84	39,494.8	93.07	1.03
TOTAL TRUCKS		2,213	0.66	67,812	100.00	1.01	625.6	0.98	42,433.2	100.00	1.00
STATE OF IOWA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	20	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		4,517	1.04	22,001	36.30	1.16	4.1	1.95	89.5	0.26	2.26
OTHER 2 AXLE 4 TIRE		1,333	0.55	5,360	8.84	0.84	6.4	1.68	34.3	0.10	1.42
2 AXLE 6 TIRE		2,362	0.93	4,691	7.74	0.93	152.5	1.02	715.5	2.05	0.96
3 AXLE OR MORE		1,197	1.09	2,229	3.68	1.14	536.8	1.01	1,196.6	3.44	1.16
ALL SINGLE UNIT TRKS		9,409	0.91	34,281	56.56	1.06	59.5	1.04	2,035.9	5.85	1.11
TRACTOR SEMI TRLRS											
3 AXLE		290	0.87	465	0.77	0.81	413.9	0.91	192.5	0.55	0.74
4 AXLE		1,108	0.92	1,842	3.04	0.88	553.0	0.99	1,018.7	2.93	0.88
5 AXLE OR MORE		12,173	1.06	22,235	36.68	1.17	1,394.4	1.00	31,005.5	89.03	1.18
ALL TRAC. SEMI TRLRS		13,571	1.04	24,542	40.49	1.13	1,313.1	1.02	32,216.7	92.51	1.16
ALL COMBINATIONS		14,167	1.01	26,334	43.44	1.03	1,245.5	1.11	32,788.9	94.15	1.15
TOTAL TRUCKS		23,576	0.97	60,615	100.00	1.05	574.8	1.09	34,824.8	100.00	1.15
STATE OF KANSAS TOTAL ALL SYSTEMS NUMBER OF STATIONS =	15	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		93	0.35	24,144	60.13	1.01	2.8	1.03	68.2	0.44	1.07
OTHER 2 AXLE 4 TIRE		18	0.62	906	2.26	1.85	7.3	0.41	6.6	0.04	0.77
2 AXLE 6 TIRE		312	0.76	3,590	8.94	0.92	170.6	1.11	612.4	3.87	1.03
3 AXLE OR MORE		106	1.03	595	1.48	1.01	700.0	1.30	416.5	2.63	1.31
ALL SINGLE UNIT TRKS		529	0.65	29,235	72.80	1.01	37.8	1.10	1,103.7	6.98	1.12
TRACTOR SEMI TRLRS											
3 AXLE		24	0.54	203	0.51	0.80	630.0	1.35	127.9	0.81	1.08
4 AXLE		140	1.02	862	2.15	0.89	636.0	1.00	548.2	3.46	0.89
5 AXLE OR MORE		1,199	1.25	8,680	21.62	1.16	1,421.6	1.03	12,339.2	77.97	1.20
ALL TRAC. SEMI TRLRS		1,363	1.20	9,745	24.27	1.12	1,335.2	1.05	13,015.3	82.24	1.18
ALL COMBINATIONS		1,544	1.21	10,921	27.20	1.13	1,348.1	1.06	14,721.2	93.02	1.20
TOTAL TRUCKS		2,073	1.00	40,156	100.00	1.04	394.2	1.14	15,824.9	100.00	1.20
STATE OF MINNESOTA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	19	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE		0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE		959	1.03	5,879	18.63	0.97	248.8	1.03	1,462.6	4.49	1.00
3 AXLE OR MORE		429	1.00	3,810	12.07	1.08	748.5	1.16	2,851.6	8.76	1.26
ALL SINGLE UNIT TRKS		1,388	1.02	9,689	30.70	1.01	445.3	1.14	4,314.2	13.25	1.16
TRACTOR SEMI TRLRS											
3 AXLE		69	0.94	360	1.14	0.68	421.0	0.80	151.6	0.47	0.54
4 AXLE		242	0.95	976	3.09	0.72	449.3	0.81	438.5	1.35	0.58
5 AXLE OR MORE		2,673	0.94	19,929	63.14	1.22	1,345.8	1.00	26,819.8	82.42	1.23
ALL TRAC. SEMI TRLRS		2,984	0.94	21,265	67.38	1.17	1,288.6	1.02	27,409.5	84.24	1.20
ALL COMBINATIONS		3,047	0.94	21,872	69.30	1.16	1,290.0	1.03	28,226.2	86.75	1.20
TOTAL TRUCKS		4,435	0.97	31,561	100.00	1.11	1,030.7	1.07	32,540.4	100.00	1.19

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF MISSOURI TOTAL ALL SYSTEMS NUMBER OF STATIONS = 12	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2	0.12	28,044	49.51	1.06	5.2	0.94	145.8	0.53	1.00
OTHER 2 AXLE 4 TIRE	3	3.00	146	0.26	0.32	5.2	13.00	0.8	0.00	4.00
2 AXLE 6 TIRE	241	1.45	3,914	6.91	0.92	213.0	1.04	833.5	2.99	0.96
3 AXLE OR MORE	135	1.68	1,424	2.51	1.12	551.2	0.72	784.9	2.82	0.81
ALL SINGLE UNIT TRKS	381	1.44	33,528	59.19	1.04	52.7	0.86	1,765.0	6.34	0.89
TRACTOR SEMI TRLRS										
3 AXLE	45	1.73	378	0.67	0.78	252.6	0.68	95.5	0.34	0.54
4 AXLE	149	1.67	1,378	2.43	0.85	460.6	0.84	634.7	2.28	0.71
5 AXLE OR MORE	1,905	2.20	19,812	34.98	1.04	1,190.8	0.95	23,591.3	84.68	0.99
ALL TRAC. SEMI TRLRS	2,099	2.14	21,568	38.08	1.02	1,127.6	0.96	24,321.5	87.30	0.98
ALL COMBINATIONS	2,226	2.09	23,114	40.81	1.02	1,128.9	0.94	26,094.1	93.66	0.97
TOTAL TRUCKS	2,607	1.96	56,642	100.00	1.03	491.9	0.93	27,855.1	100.00	0.96
STATE OF NEBRASKA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	83	1.69	18,841	57.26	1.17	17.5	0.95	330.5	2.28	1.11
OTHER 2 AXLE 4 TIRE	9	0.36	165	0.50	1.09	397.4	6.57	65.6	0.45	7.20
2 AXLE 6 TIRE	593	1.21	2,885	8.77	0.92	219.1	0.88	632.2	4.37	0.81
3 AXLE OR MORE	243	1.51	926	2.81	1.38	642.2	0.84	594.7	4.11	1.16
ALL SINGLE UNIT TRKS	928	1.28	22,817	69.34	1.13	71.3	0.90	1,623.0	11.21	1.01
TRACTOR SEMI TRLRS										
3 AXLE	66	0.72	232	0.71	0.85	403.8	1.46	93.7	0.65	1.25
4 AXLE	172	0.86	537	1.63	0.71	520.7	0.91	279.6	1.93	0.65
5 AXLE OR MORE	1,994	1.03	7,021	21.34	0.99	1,567.0	0.97	11,002.0	76.00	0.97
ALL TRAC. SEMI TRLRS	2,232	1.00	7,790	23.67	0.96	1,460.9	0.99	11,375.3	78.58	0.96
ALL COMBINATIONS	2,423	1.01	10,087	30.66	1.04	1,275.1	0.94	12,852.7	88.79	0.93
TOTAL TRUCKS	3,351	1.07	32,904	100.00	1.10	440.3	0.86	14,475.7	100.00	0.94
STATE OF NORTH DAKOTA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 15										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	64	2.66	14,668	54.47	1.48	4.1	1.57	55.8	0.70	2.32
OTHER 2 AXLE 4 TIRE	595	0.85	4,735	17.58	1.38	4.6	1.53	21.9	0.26	2.12
2 AXLE 6 TIRE	238	1.05	1,697	6.30	1.47	210.8	1.13	357.7	4.18	1.67
3 AXLE OR MORE	177	1.48	726	2.70	1.85	894.1	1.41	649.1	7.59	2.62
ALL SINGLE UNIT TRKS	1,074	1.00	21,826	81.05	1.47	49.8	1.49	1,088.5	12.73	2.19
TRACTOR SEMI TRLRS										
3 AXLE	19	0.90	448	1.66	7.72	324.9	0.61	145.6	1.70	4.77
4 AXLE	79	1.00	364	1.35	2.10	353.6	0.63	128.7	1.50	1.33
5 AXLE OR MORE	1,301	1.32	3,504	13.01	1.24	1,814.7	1.10	6,358.7	74.34	1.37
ALL TRAC. SEMI TRLRS	1,399	1.29	4,316	16.03	1.41	1,538.7	0.98	6,633.0	77.54	1.39
ALL COMBINATIONS	1,506	1.30	5,104	18.95	1.53	1,320.3	0.84	7,465.6	87.27	1.42
TOTAL TRUCKS	2,580	1.16	26,930	100.00	1.48	311.6	0.99	8,554.1	100.00	1.49
STATE OF SOUTH DAKOTA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 12										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	508	0.38	18,825	68.57	1.26	3.5	1.16	66.4	0.95	1.50
OTHER 2 AXLE 4 TIRE	67	1.67	215	0.78	0.57	4.3	0.46	0.9	0.01	0.25
2 AXLE 6 TIRE	522	0.79	3,340	12.17	1.17	227.7	0.96	760.4	10.82	1.13
3 AXLE OR MORE	174	0.69	852	3.10	1.04	544.1	0.85	463.6	6.60	0.88
ALL SINGLE UNIT TRKS	1,271	0.56	23,232	84.63	1.23	55.7	0.84	1,291.3	18.38	1.04
TRACTOR SEMI TRLRS										
3 AXLE	30	0.58	118	0.43	0.95	421.3	1.24	49.7	0.71	1.19
4 AXLE	118	0.82	301	1.10	0.83	586.6	1.06	176.6	2.51	0.89
5 AXLE OR MORE	1,094	0.98	3,514	12.80	1.07	1,438.3	1.06	5,054.2	71.92	1.14
ALL TRAC. SEMI TRLRS	1,242	0.95	3,933	14.33	1.04	1,342.3	1.07	5,280.5	75.14	1.13
ALL COMBINATIONS	1,345	0.99	4,220	15.37	1.06	1,359.9	1.08	5,736.2	81.62	1.16
TOTAL TRUCKS	2,616	0.72	27,452	100.00	1.20	256.2	0.94	7,027.5	100.00	1.13
STATE OF ARKANSAS TOTAL ALL SYSTEMS NUMBER OF STATIONS = 6										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	561	93.50	1,915	63.88	319.16	2.6	6.50	5.0	0.65	0.00
OTHER 2 AXLE 4 TIRE	24	0.00	4	0.13	0.00	185.3	0.00	0.7	0.09	0.00
2 AXLE 6 TIRE	137	0.00	368	12.27	0.00	174.8	0.00	64.3	8.37	0.00
3 AXLE OR MORE	30	0.00	46	1.53	0.00	661.9	0.00	30.4	3.96	0.00
ALL SINGLE UNIT TRKS	752	125.33	2,333	77.82	388.83	45.4	113.50	100.4	13.07	0.00
TRACTOR SEMI TRLRS										
3 AXLE	8	0.00	9	0.30	0.00	485.1	0.00	4.4	0.57	0.00
4 AXLE	22	0.00	74	2.47	0.00	708.6	0.00	52.4	6.82	0.00
5 AXLE OR MORE	226	0.00	582	19.41	0.00	1,050.2	0.00	611.2	79.54	0.00
ALL TRAC. SEMI TRLRS	256	0.00	665	22.18	0.00	1,013.4	0.00	668.0	86.93	0.00
ALL COMBINATIONS	256	0.00	665	22.18	0.00	1,007.3	0.00	668.0	86.93	0.00
TOTAL TRUCKS	1,008	168.00	2,998	100.00	499.66	259.8	649.50	768.4	100.00	0.00

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF LOUISIANA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/75	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/75	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 WEIGHED 1977/75	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/75
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	278	0.42	19,617	58.68	1.22	3.8	1.46	75.2	0.49	1.82
OTHER 2 AXLE 4 TIRE	30	1.03	274	0.82	0.72	9.4	1.03	2.6	0.02	0.74
2 AXLE 6 TIRE	251	1.06	3,439	10.29	1.23	200.1	1.19	688.0	4.56	1.47
3 AXLE OR MORE	38	1.15	444	1.33	1.00	536.2	0.93	238.1	1.58	0.93
ALL SINGLE UNIT TRKS	597	0.62	23,774	71.11	1.21	42.4	1.08	1,003.9	6.65	1.31
TRACTOR SEMI TRLRS										
3 AXLE	24	0.92	250	0.75	0.72	572.9	1.20	143.2	0.95	0.86
4 AXLE	92	1.12	949	2.84	1.15	660.8	0.70	627.1	4.15	0.81
5 AXLE OR MORE	698	1.29	8,460	25.30	1.27	1,575.1	0.99	13,325.8	88.25	1.26
ALL TRAC. SEMI TRLRS	814	1.26	9,659	28.89	1.23	1,457.9	0.99	14,096.1	93.35	1.22
ALL COMBINATIONS	814	1.25	9,659	28.89	1.23	1,452.3	0.98	14,096.1	93.35	1.22
TOTAL TRUCKS	1,411	0.88	33,433	100.00	1.21	450.8	1.00	15,100.0	100.00	1.22
STATE OF OKLAHOMA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 6										
NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77	
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	5	0.38	9,120	51.57	1.32	20.0	1.20	182.8	1.47	1.59
OTHER 2 AXLE 4 TIRE	8	2.00	44	0.25	6.28	309.6	2.35	13.6	0.11	15.11
2 AXLE 6 TIRE	139	0.60	1,393	7.88	1.11	439.4	1.93	612.1	4.89	2.15
3 AXLE OR MORE	52	0.83	461	2.61	2.95	444.8	0.64	205.1	1.64	1.89
ALL SINGLE UNIT TRKS	204	0.66	11,018	62.30	1.32	92.2	1.48	1,013.6	8.11	1.99
TRACTOR SEMI TRLRS										
3 AXLE	51	0.51	216	1.22	0.80	484.7	1.07	104.7	0.84	0.86
4 AXLE	179	0.52	323	1.83	0.52	789.5	1.22	255.0	2.04	0.64
5 AXLE OR MORE	1,779	0.66	5,985	33.84	1.12	1,827.9	1.05	10,940.2	87.47	1.18
ALL TRAC. SEMI TRLRS	2,009	0.64	6,524	36.89	1.05	1,731.8	1.10	11,295.9	90.35	1.16
ALL COMBINATIONS	2,093	0.63	6,668	37.70	1.01	1,722.8	1.11	11,494.2	91.89	1.13
TOTAL TRUCKS	2,297	0.63	17,686	100.00	1.18	707.1	0.98	12,507.8	100.00	1.17
STATE OF TEXAS TOTAL ALL SYSTEMS NUMBER OF STATIONS = 2										
NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78	
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	18,684	45.96	1.19	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	150	0.37	0.89	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	323	1.11	3,258	8.01	1.13	299.6	0.84	576.0	2.41	0.96
3 AXLE OR MORE	53	1.12	521	1.28	0.82	991.4	1.24	516.5	1.28	1.02
ALL SINGLE UNIT TRKS	376	1.11	22,613	55.62	1.17	66.2	0.84	1,492.5	3.69	0.98
TRACTOR SEMI TRLRS										
3 AXLE	33	0.76	438	1.08	1.26	665.6	1.50	291.5	0.72	1.91
4 AXLE	93	0.86	1,152	2.83	1.04	1,209.8	1.34	1,393.7	3.44	1.39
5 AXLE OR MORE	1,161	1.07	15,687	38.59	1.19	2,278.8	1.17	35,746.9	88.26	1.40
ALL TRAC. SEMI TRLRS	1,287	1.04	17,277	42.50	1.18	2,167.1	1.19	37,432.1	92.42	1.41
ALL COMBINATIONS	1,342	1.05	18,040	44.38	1.17	2,091.4	1.17	39,009.8	96.31	1.40
TOTAL TRUCKS	1,718	1.06	40,653	100.00	1.17	981.7	1.16	40,502.3	100.00	1.38
STATE OF ARIZONA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14										
NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78	
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	408	0.78	13,908	51.39	0.40	6.1	1.90	84.4	0.69	0.77
OTHER 2 AXLE 4 TIRE	7	1.40	890	3.29	0.88	16.9	0.95	15.0	0.12	0.83
2 AXLE 6 TIRE	174	0.42	2,438	9.01	0.59	108.2	0.96	263.7	2.11	0.57
3 AXLE OR MORE	57	1.00	397	1.47	0.21	682.8	1.36	271.1	2.17	0.29
ALL SINGLE UNIT TRKS	646	0.64	17,633	65.16	0.42	36.0	0.98	634.2	5.09	0.41
TRACTOR SEMI TRLRS										
3 AXLE	24	0.46	204	0.75	0.20	297.9	0.50	60.8	0.49	0.10
4 AXLE	24	0.28	435	1.61	0.52	634.9	1.20	276.2	2.21	0.63
5 AXLE OR MORE	408	0.34	6,678	24.68	0.33	1,339.2	0.81	8,943.4	71.61	0.26
ALL TRAC. SEMI TRLRS	456	0.34	7,317	27.04	0.33	1,268.1	0.81	9,280.4	74.31	0.27
ALL COMBINATIONS	605	0.35	9,430	34.84	0.36	1,257.8	0.81	11,854.2	94.91	0.29
TOTAL TRUCKS	1,251	0.46	27,063	100.00	0.40	461.7	0.74	12,488.4	100.00	0.29
STATE OF COLORADO TOTAL ALL SYSTEMS NUMBER OF STATIONS = 12										
NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77	
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	765	2.48	36,978	69.10	1.28	8.3	0.88	306.3	1.40	1.13
OTHER 2 AXLE 4 TIRE	3	0.07	132	0.25	0.17	53.0	3.01	7.0	0.03	0.51
2 AXLE 6 TIRE	391	0.93	4,573	8.55	1.11	151.8	0.90	694.3	3.16	1.00
3 AXLE OR MORE	100	0.93	976	1.82	1.37	934.5	1.38	912.0	4.15	1.90
ALL SINGLE UNIT TRKS	1,259	1.44	42,659	79.71	1.24	45.1	1.05	1,919.6	8.74	1.32
TRACTOR SEMI TRLRS										
3 AXLE	39	1.08	227	0.42	0.74	626.7	1.20	152.3	0.65	0.90
4 AXLE	65	1.08	539	1.01	1.45	601.2	1.00	324.1	1.48	1.45
5 AXLE OR MORE	1,150	1.15	9,012	16.84	1.19	1,972.8	1.10	17,778.4	80.95	1.32
ALL TRAC. SEMI TRLRS	1,254	1.14	9,778	18.27	1.19	1,866.2	1.10	18,244.8	83.08	1.32
ALL COMBINATIONS	1,325	1.09	10,856	20.29	1.17	1,846.7	1.12	20,642.0	91.26	1.32
TOTAL TRUCKS	2,584	1.24	53,515	100.00	1.22	410.6	1.07	21,961.6	100.00	1.32

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF IDAHO TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/75	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/75	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 WEIGHED 1977/75	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/75
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	22,507	66.41	86.56	0.0	0.00	0.0	0.01	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	908	1.16	3,677	10.85	1.38	151.9	0.71	558.6	4.31	0.98
3 AXLE OR MORE	282	1.06	1,443	4.26	2.54	839.6	1.08	1,211.6	9.34	2.76
ALL SINGLE UNIT TRKS	1,190	1.13	27,627	81.51	7.77	64.1	0.22	1,770.2	13.66	1.75
TRACTOR SEMI TRLRS										
3 AXLE	77	1.28	149	0.44	1.18	425.8	0.72	63.4	0.49	0.86
4 AXLE	124	1.26	198	0.58	0.91	505.0	0.75	100.0	0.77	0.69
5 AXLE OR MORE	1,510	1.17	4,437	13.09	1.28	1,992.9	1.05	8,842.4	68.19	1.35
ALL TRAC. SEMI TRLRS	1,711	1.18	4,784	14.12	1.25	1,884.5	1.06	9,005.8	69.45	1.33
ALL COMBINATIONS	1,985	1.13	6,266	18.49	1.29	1,789.0	1.06	11,197.4	86.34	1.38
TOTAL TRUCKS	3,175	1.13	33,893	100.00	4.04	383.0	0.35	12,967.6	100.00	1.42
STATE OF MONTANA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 23										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2	0.00	29,563	73.44	0.93	188.5	0.00	5,572.6	24.17	0.00
OTHER 2 AXLE 4 TIRE	29	9.66	265	0.66	0.78	75.6	0.14	20.0	0.09	0.11
2 AXLE 6 TIRE	278	0.68	2,133	5.30	0.49	317.1	1.05	676.3	2.93	0.51
3 AXLE OR MORE	150	0.67	778	1.93	0.95	872.9	0.78	679.1	2.94	0.75
ALL SINGLE UNIT TRKS	459	0.72	32,739	81.33	0.87	212.0	3.29	6,948.0	30.13	2.90
TRACTOR SEMI TRLRS										
3 AXLE	34	0.40	206	0.51	1.49	317.8	0.70	65.5	0.28	1.05
4 AXLE	123	0.57	289	0.72	1.00	722.9	1.12	208.9	0.91	1.13
5 AXLE OR MORE	2,183	0.67	5,544	13.77	1.04	2,389.1	1.05	13,245.4	57.41	1.09
ALL TRAC. SEMI TRLRS	2,340	0.66	6,039	15.00	1.05	2,238.0	1.04	13,519.8	58.60	1.09
ALL COMBINATIONS	2,840	0.69	7,517	18.67	1.07	2,146.1	1.01	16,122.2	69.87	1.08
TOTAL TRUCKS	3,299	0.69	40,256	100.00	0.90	573.2	1.47	23,070.2	100.00	1.34
STATE OF NEVADA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	17,142	61.38	1.53	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	47	0.17	0.21	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	316	1.62	1,685	6.03	0.65	164.2	1.01	276.7	1.50	0.66
3 AXLE OR MORE	86	2.04	275	0.98	1.56	1,017.9	1.32	279.9	1.52	2.07
ALL SINGLE UNIT TRKS	402	1.68	19,149	68.57	1.35	29.2	0.74	556.6	3.02	1.00
TRACTOR SEMI TRLRS										
3 AXLE	58	2.41	155	0.56	1.80	447.2	0.59	69.3	0.38	1.07
4 AXLE	144	1.63	351	1.26	1.58	726.6	0.95	255.1	1.39	1.51
5 AXLE OR MORE	2,134	1.91	6,249	22.38	1.85	2,197.5	0.95	13,732.0	74.56	1.77
ALL TRAC. SEMI TRLRS	2,336	1.90	6,755	24.19	1.83	2,080.9	0.95	14,056.4	76.33	1.76
ALL COMBINATIONS	3,086	1.78	8,777	31.43	1.68	2,034.9	0.99	17,860.3	96.98	1.67
TOTAL TRUCKS	3,488	1.77	27,926	100.00	1.44	659.6	1.13	18,416.9	100.00	1.64
STATE OF NEW MEXICO TOTAL ALL SYSTEMS NUMBER OF STATIONS = 6										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	1,502	1.52	8,252	52.24	1.06	2.6	0.83	21.5	0.18	0.88
OTHER 2 AXLE 4 TIRE	348	2.00	609	3.86	0.76	15.6	2.10	9.5	0.08	1.61
2 AXLE 6 TIRE	521	1.79	1,597	10.11	1.07	92.2	0.80	147.2	1.24	0.85
3 AXLE OR MORE	32	1.39	169	1.07	1.40	401.9	0.55	67.9	0.57	0.78
ALL SINGLE UNIT TRKS	2,403	1.62	10,627	67.28	1.04	23.1	0.82	246.1	2.07	0.85
TRACTOR SEMI TRLRS										
3 AXLE	66	3.88	78	0.49	0.73	509.3	0.81	39.7	0.33	0.60
4 AXLE	197	2.23	361	2.29	1.09	1,069.5	1.01	386.1	3.24	1.11
5 AXLE OR MORE	2,668	2.63	4,205	26.62	1.10	2,423.1	1.01	10,189.2	85.63	1.12
ALL TRAC. SEMI TRLRS	2,931	2.61	4,644	29.40	1.09	2,285.7	1.02	10,615.0	89.20	1.11
ALL COMBINATIONS	3,202	2.60	5,169	32.72	1.09	2,254.1	1.03	11,653.2	97.93	1.13
TOTAL TRUCKS	5,605	2.07	15,796	100.00	1.06	753.4	1.05	11,899.3	100.00	1.12
STATE OF UTAH TOTAL ALL SYSTEMS NUMBER OF STATIONS = 8										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	34	0.21	15,994	36.79	0.85	5.0	1.04	80.3	0.46	0.89
OTHER 2 AXLE 4 TIRE	26	2.16	8,332	19.17	1.09	104.0	4.42	866.6	5.01	4.83
2 AXLE 6 TIRE	243	0.61	10,353	23.82	2.44	267.2	1.46	2,766.5	16.00	3.58
3 AXLE OR MORE	114	0.80	1,351	3.11	1.50	716.2	1.44	967.6	5.60	2.18
ALL SINGLE UNIT TRKS	417	0.59	36,030	82.89	1.14	130.0	2.76	4,681.0	27.07	3.15
TRACTOR SEMI TRLRS										
3 AXLE	45	0.63	339	0.78	0.88	326.4	1.08	110.7	0.64	0.95
4 AXLE	68	0.88	373	0.86	0.92	796.0	1.40	296.9	1.72	1.30
5 AXLE OR MORE	606	0.79	5,343	12.29	1.07	1,777.6	1.07	9,497.8	54.92	1.15
ALL TRAC. SEMI TRLRS	719	0.79	6,055	13.93	1.04	1,636.3	1.09	9,905.4	57.28	1.15
ALL COMBINATIONS	870	0.77	7,438	17.11	1.01	1,695.8	1.11	12,611.7	72.93	1.12
TOTAL TRUCKS	1,287	0.70	43,468	100.00	1.11	397.9	1.22	17,292.7	100.00	1.36

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.



## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF WYOMING TOTAL ALL SYSTEMS NUMBER OF STATIONS = 11	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/75	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/75	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/75	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/75
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	147	1.48	45,052	50.58	1.13	4.0	1.25	181.5	0.32	1.42
OTHER 2 AXLE 4 TIRE	6	0.00	254	0.29	0.17	3.6	0.00	0.9	0.00	0.00
2 AXLE 6 TIRE	147	1.93	10,248	11.50	1.44	190.1	1.53	1,948.1	3.33	2.22
3 AXLE OR MORE	48	1.41	1,992	2.24	1.29	866.7	0.75	1,726.5	2.95	0.97
ALL SINGLE UNIT TRKS	348	1.66	57,546	64.60	1.15	67.1	1.20	3,857.0	6.60	1.39
TRACTOR SEMI TRLS										
3 AXLE	14	1.40	533	0.60	0.94	523.6	5.55	279.1	0.48	5.23
4 AXLE	32	1.23	1,148	1.29	0.88	679.4	1.03	780.0	1.33	0.91
5 AXLE OR MORE	492	1.45	24,812	27.85	1.31	1,873.5	1.65	46,484.6	79.55	2.17
ALL TRAC. SEMI TRLS	538	1.43	26,493	29.74	1.27	1,794.4	1.67	47,543.7	81.36	2.13
ALL COMBINATIONS	610	1.38	31,530	35.40	1.24	1,730.9	1.62	54,577.5	93.40	2.01
TOTAL TRUCKS	958	1.47	89,076	100.00	1.18	656.0	1.65	58,434.5	100.00	1.95
STATE OF CALIFORNIA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 16										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	626	0.65	88,942	56.60	1.43	2.2	0.56	199.3	0.29	0.83
OTHER 2 AXLE 4 TIRE	61	15.25	6,758	4.30	2.73	15.5	2.42	104.5	0.15	6.61
2 AXLE 6 TIRE	1,725	1.35	16,816	10.70	1.37	141.3	1.23	2,376.7	3.34	1.69
3 AXLE OR MORE	263	1.39	1,893	1.20	1.11	620.2	1.38	1,174.0	1.65	1.54
ALL SINGLE UNIT TRKS	2,675	1.10	114,409	72.81	1.46	33.7	1.09	3,854.5	5.43	1.59
TRACTOR SEMI TRLS										
3 AXLE	409	1.45	2,119	1.35	1.15	349.0	0.96	739.5	1.04	1.12
4 AXLE	404	1.46	2,354	1.50	1.20	516.3	1.06	1,215.4	1.71	1.27
5 AXLE OR MORE	2,757	1.58	16,808	10.70	1.36	1,710.0	1.10	28,742.1	40.42	1.50
ALL TRAC. SEMI TRLS	3,570	1.55	21,281	13.54	1.32	1,442.4	1.12	30,697.0	43.17	1.48
ALL COMBINATIONS	5,887	1.53	42,727	27.19	1.41	1,573.6	1.11	67,252.9	94.57	1.57
TOTAL TRUCKS	8,562	1.36	157,136	100.00	1.44	452.4	1.08	71,107.4	100.00	1.57
STATE OF OREGON TOTAL ALL SYSTEMS NUMBER OF STATIONS = 8										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	92	0.67	19,195	63.55	1.33	4.6	0.69	87.8	0.59	0.93
OTHER 2 AXLE 4 TIRE	31	0.46	403	1.33	0.57	12.8	1.80	5.2	0.04	1.06
2 AXLE 6 TIRE	657	1.17	2,642	8.75	1.51	186.2	1.17	492.0	3.05	1.78
3 AXLE OR MORE	196	0.98	688	2.28	1.48	680.1	1.16	467.9	3.18	1.72
ALL SINGLE UNIT TRKS	976	1.01	22,928	75.91	1.32	46.1	1.23	1,052.9	7.16	1.63
TRACTOR SEMI TRLS										
3 AXLE	77	0.88	324	1.07	1.62	583.2	1.31	188.9	1.29	2.13
4 AXLE	127	1.58	270	0.89	1.39	528.5	1.13	142.7	0.97	1.58
5 AXLE OR MORE	2,098	1.19	4,849	16.05	1.12	2,022.6	0.95	9,807.8	66.74	1.07
ALL TRAC. SEMI TRLS	2,302	1.20	5,443	18.02	1.15	1,863.2	0.94	10,139.4	69.00	1.09
ALL COMBINATIONS	3,086	1.20	7,275	24.09	1.15	1,876.2	1.00	13,641.7	92.84	1.15
TOTAL TRUCKS	4,062	1.15	30,203	100.00	1.28	486.9	0.92	14,694.6	100.00	1.17
STATE OF WASHINGTON TOTAL ALL SYSTEMS NUMBER OF STATIONS = 7										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2	0.00	26,221	56.52	0.80	82.2	0.00	2,155.4	7.27	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	112	1.06	3,868	8.34	0.86	185.9	2.05	719.0	2.43	1.78
3 AXLE OR MORE	57	0.79	796	1.72	0.87	411.4	1.24	327.4	1.10	1.08
ALL SINGLE UNIT TRKS	171	0.96	30,885	66.58	0.81	103.8	5.58	3,201.8	10.80	4.54
TRACTOR SEMI TRLS										
3 AXLE	90	1.01	389	0.84	0.89	537.2	1.21	209.0	0.71	1.08
4 AXLE	161	1.26	626	1.35	0.99	581.5	1.06	364.0	1.23	1.06
5 AXLE OR MORE	2,563	0.89	10,885	23.46	0.97	1,712.3	1.12	18,638.1	62.88	1.10
ALL TRAC. SEMI TRLS	2,814	0.91	11,900	25.65	0.97	1,613.8	1.12	19,211.1	64.82	1.10
ALL COMBINATIONS	3,698	0.87	15,506	33.42	0.91	1,614.4	1.05	26,437.6	89.20	1.01
TOTAL TRUCKS	3,869	0.88	46,391	100.00	0.84	627.2	1.28	29,639.4	100.00	1.10
STATE OF ALASKA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 1										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	12	1.20	8,429	87.99	2.50	4.0	1.21	33.7	2.02	3.06
OTHER 2 AXLE 4 TIRE	0	0.00	23	0.24	0.63	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	46	0.80	321	3.35	1.36	246.0	1.83	79.0	4.75	2.49
3 AXLE OR MORE	56	2.94	255	2.66	11.59	1,572.3	3.31	400.9	24.10	38.54
ALL SINGLE UNIT TRKS	114	1.32	9,028	94.25	2.47	57.6	3.97	513.6	30.87	9.67
TRACTOR SEMI TRLS										
3 AXLE	3	1.50	9	0.09	9.00	190.0	0.81	1.7	0.10	8.50
4 AXLE	4	1.33	9	0.09	2.25	971.0	0.38	8.7	0.52	0.86
5 AXLE OR MORE	68	1.30	297	3.10	4.18	1,721.1	1.29	511.2	30.73	5.43
ALL TRAC. SEMI TRLS	75	1.31	315	3.29	4.14	1,642.6	1.28	521.6	31.35	4.99
ALL COMBINATIONS	105	1.50	551	5.75	6.40	2,021.5	1.37	1,150.0	69.13	8.45
TOTAL TRUCKS	219	1.40	9,579	100.00	2.56	173.1	3.57	1,663.6	100.00	8.79

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.



SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF HAWAII	NUMBER OF TRUCKS WEIGHED	RATIO OF TRUCKS WEIGHED	NUMBER OF TRUCKS COUNTED	% DISTR OF TRUCKS COUNTED	RATIO OF TRUCKS COUNTED	18-K EQV PER 1000 TRUCKS WEIGHED	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED	18-K EQV FOR ALL TRUCKS COUNTED	% DISTR 18-K EQV ALL TRKS COUNTED	RATIO OF 18-K EQV ALL TRKS COUNTED
TOTAL ALL SYSTEMS	2									
NUMBER OF STATIONS =	2									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	100	2.27	2,908	79.24	1.44	0.6	0.37	1.9	0.52	0.59
UTHER 2 AXLE 4 TIRE	24	1.50	165	4.50	1.04	2.0	0.54	0.3	0.08	0.50
2 AXLE 6 TIRE	77	1.05	299	8.15	1.30	136.8	0.58	40.9	11.21	0.75
3 AXLE OR MORE	48	0.61	241	6.57	1.09	1,186.9	0.76	286.0	78.40	0.83
ALL SINGLE UNIT TRKS	249	1.18	3,613	98.45	1.37	91.0	0.58	329.1	90.21	0.81
TRACTOR SEMI TRLRS										
3 AXLE	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
4 AXLE	7	0.18	12	0.33	0.11	330.3	0.08	4.0	1.10	0.00
5 AXLE OR MORE	10	0.30	35	0.95	0.43	626.3	0.19	21.9	6.00	0.08
ALL TRAC. SEMI TRLRS	17	0.23	47	1.28	0.24	597.3	0.16	25.9	7.10	0.03
ALL COMBINATIONS	21	0.15	57	1.55	0.15	565.7	0.18	35.7	9.79	0.03
TOTAL TRUCKS	270	0.78	3,670	100.00	1.22	99.6	0.19	364.8	100.00	0.23
PUERTO RICO										
TOTAL ALL SYSTEMS	7									
NUMBER OF STATIONS =	7									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	44	0.34	6,448	54.76	0.89	636.5	4.92	4,104.3	21.25	4.43
UTHER 2 AXLE 4 TIRE	19	0.55	286	2.43	0.93	13.1	0.03	3.7	0.02	0.02
2 AXLE 6 TIRE	359	0.78	3,491	29.65	0.99	1,750.0	1.26	6,109.3	31.61	1.26
3 AXLE OR MORE	129	0.88	601	5.10	1.21	5,214.0	1.36	3,133.6	16.21	1.65
ALL SINGLE UNIT TRKS	551	0.72	10,826	91.94	0.94	1,235.1	1.82	13,350.9	69.09	1.71
TRACTOR SEMI TRLRS										
3 AXLE	7	1.00	37	0.31	1.85	488.0	0.09	18.1	0.09	0.16
4 AXLE	118	0.60	549	4.66	1.27	6,348.1	1.43	3,485.1	18.03	1.83
5 AXLE OR MORE	99	0.73	363	3.08	1.38	6,810.5	1.02	2,472.2	12.79	1.41
ALL TRAC. SEMI TRLRS	224	0.66	949	8.06	1.33	6,317.6	1.19	5,975.4	30.91	1.59
ALL COMBINATIONS	224	0.64	949	8.06	1.33	6,317.6	1.19	5,975.4	30.91	1.59
TOTAL TRUCKS	775	0.69	11,775	100.00	0.96	1,644.7	1.73	19,326.3	100.00	1.67
NATIONAL TOTALS										
TOTAL ALL SYSTEMS	658									
NUMBER OF STATIONS =	658									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	29,862	0.98	1,369,445	47.27	0.95	10.4	0.99	14,274.4	0.83	0.95
UTHER 2 AXLE 4 TIRE	7,221	1.04	69,770	2.41	0.78	34.4	1.15	2,397.0	0.14	0.90
2 AXLE 6 TIRE	39,046	1.00	312,109	10.77	0.90	214.2	1.01	66,852.7	3.89	0.91
3 AXLE OR MORE	10,669	1.00	72,066	2.49	0.96	1,082.6	1.00	78,019.4	4.54	0.97
ALL SINGLE UNIT TRKS	86,798	1.00	1,823,390	62.93	0.93	88.6	1.00	161,543.5	9.40	0.94
TRACTOR SEMI TRLRS										
3 AXLE	4,614	1.05	33,119	1.14	0.91	466.4	1.03	15,446.2	0.90	0.94
4 AXLE	17,097	1.02	114,903	3.97	0.85	885.9	1.01	101,791.9	5.92	0.86
5 AXLE OR MORE	105,294	1.00	852,298	29.42	0.96	1,550.4	1.00	1321,367.0	76.91	0.97
ALL TRAC. SEMI TRLRS	127,005	1.01	1,000,320	34.53	0.94	1,438.2	1.01	1438,605.0	83.73	0.96
ALL COMBINATIONS	137,226	1.01	1,073,879	37.07	0.94	1,449.6	1.01	1556,628.0	90.60	0.96
TOTAL TRUCKS	224,024	1.00	2,897,269	100.00	0.94	593.0	1.01	1718,169.6	100.00	0.95

Table 29.

## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF CONNECTICUT TOTAL ALL SYSTEMS NUMBER OF STATIONS =	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	628	1.02	26,108	39.80	1.03	17.4	3.95	455.1	1.89	4.10
OTHER 2 AXLE 4 TIRE	32	0.76	1,321	2.01	0.61	7.1	0.19	9.4	0.04	0.12
2 AXLE 6 TIRE	1,129	1.05	8,928	13.61	1.04	142.4	0.55	1,271.2	5.27	0.58
3 AXLE OR MORE	261	1.65	1,516	2.31	0.77	855.6	0.38	1,297.1	5.38	0.30
ALL SINGLE UNIT TRKS	2,050	1.08	37,873	57.73	1.00	80.2	0.45	3,032.8	12.58	0.45
TRACTOR SEMI TRLRS										
3 AXLE	127	0.96	950	1.45	1.01	455.1	0.72	432.3	1.79	0.73
4 AXLE	721	1.11	6,806	10.38	0.89	711.5	0.55	4,842.3	20.09	0.49
5 AXLE OR MORE	1,968	1.27	19,969	30.44	1.18	791.1	0.92	15,797.7	65.54	1.10
ALL TRAC. SEMI TRLRS	2,816	1.21	27,725	42.27	1.09	759.7	0.78	21,072.3	87.42	0.85
ALL COMBINATIONS	2,816	1.21	27,725	42.27	1.09	759.7	0.78	21,072.3	87.42	0.85
TOTAL TRUCKS	4,866	1.15	65,598	100.00	1.03	367.4	0.74	24,105.1	100.00	0.77
STATE OF MAINE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	67	0.25	17,228	66.03	3.41	2.8	1.64	47.6	0.83	5.66
OTHER 2 AXLE 4 TIRE	40	2.66	136	0.52	1.63	867.5	84.22	118.0	2.04	131.11
2 AXLE 6 TIRE	234	0.68	3,201	12.27	2.72	306.8	1.45	982.1	16.97	3.95
3 AXLE OR MORE	123	1.04	1,238	4.74	3.68	1,056.5	1.33	1,307.9	22.60	4.90
ALL SINGLE UNIT TRKS	464	0.63	21,803	83.57	3.28	112.3	1.41	2,455.6	42.44	4.68
TRACTOR SEMI TRLRS										
3 AXLE	11	0.30	99	0.38	1.47	253.2	1.22	25.1	0.43	1.80
4 AXLE	64	0.32	714	2.74	1.30	618.4	1.34	441.5	7.63	1.74
5 AXLE OR MORE	333	0.54	3,475	13.32	1.83	824.4	1.54	2,864.9	49.50	2.85
ALL TRAC. SEMI TRLRS	408	0.48	4,288	16.43	1.71	775.9	1.52	3,331.5	57.56	2.61
ALL COMBINATIONS	409	0.48	4,288	16.43	1.71	775.9	1.52	3,331.5	57.56	2.61
TOTAL TRUCKS	873	0.55	26,091	100.00	2.85	221.4	1.12	5,787.1	100.00	3.22
STATE OF MASSACHUSETTS TOTAL ALL SYSTEMS NUMBER OF STATIONS =	4									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	179	1.34	8,934	46.85	1.35	3.0	1.15	26.9	0.53	1.59
OTHER 2 AXLE 4 TIRE	35	0.97	1,746	9.16	1.11	4.2	0.89	7.4	0.14	1.01
2 AXLE 6 TIRE	212	0.96	3,589	18.82	1.17	238.3	1.44	855.4	16.70	1.69
3 AXLE OR MORE	25	0.52	509	2.67	0.99	1,243.6	0.92	633.0	12.36	0.91
ALL SINGLE UNIT TRKS	451	1.03	14,778	77.50	1.25	103.0	0.98	1,922.7	29.73	1.24
TRACTOR SEMI TRLRS										
3 AXLE	11	0.57	302	1.58	1.25	248.1	0.35	74.9	1.46	0.44
4 AXLE	86	1.11	1,656	8.68	1.15	858.1	1.06	1,421.1	27.74	1.22
5 AXLE OR MORE	104	0.99	2,333	12.23	1.42	901.9	1.05	2,104.1	41.07	1.50
ALL TRAC. SEMI TRLRS	201	1.00	4,291	22.50	1.29	839.1	1.01	3,600.1	70.27	1.32
ALL COMBINATIONS	201	1.00	4,291	22.50	1.29	839.1	1.01	3,600.1	70.27	1.32
TOTAL TRUCKS	652	1.02	19,069	100.00	1.26	268.6	1.02	5,122.8	100.00	1.29
STATE OF NEW HAMPSHIRE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	10									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	136	0.77	17,187	71.68	1.07	15.4	1.40	265.4	5.42	1.51
OTHER 2 AXLE 4 TIRE	13	1.18	214	0.89	1.82	528.0	94.28	113.0	2.31	161.42
2 AXLE 6 TIRE	608	0.76	3,049	12.72	1.10	351.9	1.08	1,073.0	21.96	1.20
3 AXLE OR MORE	196	0.74	608	2.54	0.80	1,054.5	0.84	641.1	13.12	0.68
ALL SINGLE UNIT TRKS	953	0.76	21,058	87.82	1.07	99.0	0.96	2,092.5	42.81	1.04
TRACTOR SEMI TRLRS										
3 AXLE	46	1.02	109	0.45	0.86	619.0	1.36	67.5	1.38	1.18
4 AXLE	270	0.60	825	3.44	0.89	813.7	0.86	671.3	13.74	0.77
5 AXLE OR MORE	648	0.87	1,987	8.29	1.13	1,034.6	0.98	2,055.8	42.07	1.11
ALL TRAC. SEMI TRLRS	964	0.77	2,921	12.18	1.04	954.0	0.96	2,794.6	57.19	1.00
ALL COMBINATIONS	964	0.77	2,921	12.18	1.04	954.0	0.96	2,794.6	57.19	1.00
TOTAL TRUCKS	1,917	0.77	23,979	100.00	1.07	203.1	0.95	4,887.1	100.00	1.02
STATE OF RHODE ISLAND TOTAL ALL SYSTEMS NUMBER OF STATIONS =	5									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	340	0.63	7,145	51.77	1.16	5.2	0.65	36.9	0.60	0.76
OTHER 2 AXLE 4 TIRE	30	0.17	0	0.00	0.00	9.6	0.04	0.0	0.00	0.00
2 AXLE 6 TIRE	307	2.25	2,108	15.27	0.92	241.9	0.68	509.9	8.44	0.63
3 AXLE OR MORE	42	1.35	305	2.21	0.84	1,247.6	0.61	380.5	6.30	0.52
ALL SINGLE UNIT TRKS	719	0.82	9,558	69.25	1.08	96.9	0.53	927.3	15.34	0.58
TRACTOR SEMI TRLRS										
3 AXLE	23	1.00	229	1.66	0.71	604.2	0.95	138.4	2.29	0.68
4 AXLE	121	0.75	1,397	10.12	0.85	1,247.0	0.89	1,742.1	28.83	0.76
5 AXLE OR MORE	235	1.06	2,618	18.97	0.92	1,235.9	0.89	3,235.6	53.54	0.82
ALL TRAC. SEMI TRLRS	379	0.94	4,244	30.75	0.88	1,207.5	0.90	5,116.1	84.66	0.80
ALL COMBINATIONS	379	0.94	4,244	30.75	0.88	1,207.5	0.90	5,116.1	84.66	0.80
TOTAL TRUCKS	1,098	0.85	13,802	100.00	1.01	438.4	0.74	6,043.4	100.00	0.75

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF VERMONT TOTAL ALL SYSTEMS NUMBER OF STATIONS =	8	NUMBER OF TRUCKS WEIGHED 1990	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		691	2.37	6,354	59.68	1.32	2.9	1.27	18.1	0.66	1.72
OTHER 2 AXLE 4 TIRE		41	1.20	33	0.31	0.17	93.3	0.99	3.1	0.11	3.17
2 AXLE 6 TIRE		318	0.96	1,507	14.15	0.91	300.2	0.91	452.4	16.33	0.83
3 AXLE OR MORE		94	1.11	420	3.94	0.76	901.9	1.07	378.8	13.67	0.82
ALL SINGLE UNIT TRKS		1,144	1.55	8,314	78.09	1.15	101.9	0.70	852.4	30.77	0.82
TRACTOR SEMI TRLRS											
3 AXLE		16	1.14	118	1.11	1.18	662.4	0.82	78.2	2.82	0.97
4 AXLE		122	0.84	480	4.51	0.88	878.1	1.29	421.5	15.21	1.14
5 AXLE OR MORE		405	0.88	1,735	16.30	0.92	817.6	0.84	1,418.5	51.20	0.78
ALL TRAC. SEMI TRLRS		543	0.88	2,333	21.91	0.92	822.4	0.91	1,518.2	69.23	0.84
ALL COMBINATIONS		543	0.87	2,333	21.91	0.92	822.4	0.91	1,518.2	69.23	0.84
TOTAL TRUCKS		1,687	1.24	10,647	100.00	1.09	259.8	0.76	2,770.6	100.00	0.84
STATE OF NEW JERSEY TOTAL ALL SYSTEMS NUMBER OF STATIONS =	26	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1975	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,390	0.73	45,276	36.28	1.09	12.1	0.75	547.1	0.87	0.81
OTHER 2 AXLE 4 TIRE		706	0.62	6,179	4.95	1.71	50.0	2.97	308.2	0.49	5.11
2 AXLE 6 TIRE		2,039	0.81	17,301	13.87	1.02	276.1	1.32	4,777.1	7.59	1.35
3 AXLE OR MORE		392	0.80	4,384	3.51	1.02	1,441.1	1.39	6,317.8	10.04	1.43
ALL SINGLE UNIT TRKS		4,527	0.75	73,140	58.61	1.10	163.6	1.25	11,951.2	18.99	1.37
TRACTOR SEMI TRLRS											
3 AXLE		206	0.78	1,804	1.45	0.99	590.5	1.09	1,065.3	1.69	1.08
4 AXLE		1,129	0.73	10,924	8.75	1.00	956.5	1.22	10,448.9	16.60	1.23
5 AXLE OR MORE		4,382	0.89	38,913	31.19	0.91	1,014.5	1.08	39,478.5	62.72	0.98
ALL TRAC. SEMI TRLRS		5,717	0.85	51,641	41.39	0.93	987.8	1.10	50,992.7	81.01	1.03
ALL COMBINATIONS		5,718	0.84	51,641	41.39	0.93	987.8	1.10	50,992.7	81.01	1.03
TOTAL TRUCKS		10,245	0.80	124,781	100.00	1.02	504.7	1.05	62,543.9	100.00	1.08
STATE OF NEW YORK TOTAL ALL SYSTEMS NUMBER OF STATIONS =	20	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/74	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/74	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/74	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/74
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,698	1.07	23,289	28.20	0.89	14.3	1.58	332.8	1.29	1.42
OTHER 2 AXLE 4 TIRE		110	1.34	16,496	19.97	10.12	7.3	0.78	121.1	0.47	7.96
2 AXLE 6 TIRE		1,677	1.04	13,440	16.27	1.02	205.1	1.18	2,756.5	10.68	1.22
3 AXLE OR MORE		209	0.91	2,149	2.60	0.96	1,098.6	1.16	2,360.6	9.15	1.12
ALL SINGLE UNIT TRKS		3,694	1.05	55,374	67.05	1.29	100.6	0.93	5,571.2	21.59	1.20
TRACTOR SEMI TRLRS											
3 AXLE		93	0.68	1,025	1.24	0.75	385.5	0.73	395.1	1.53	0.55
4 AXLE		432	0.81	5,840	7.07	0.84	667.2	1.08	3,896.7	15.10	0.91
5 AXLE OR MORE		1,526	1.13	20,349	24.64	1.29	783.5	1.22	15,544.1	61.78	1.57
ALL TRAC. SEMI TRLRS		2,051	1.02	27,214	32.95	1.13	743.7	1.18	20,235.9	78.41	1.34
ALL COMBINATIONS		2,051	1.02	27,214	32.95	1.13	743.7	1.18	20,235.9	78.41	1.34
TOTAL TRUCKS		5,745	1.04	82,588	100.00	1.23	311.2	1.05	25,807.1	100.00	1.31
STATE OF PENNSYLVANIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	6	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/76	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/76	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/76	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/76
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		416	0.99	11,424	45.95	1.02	10.6	2.20	120.6	1.25	2.26
OTHER 2 AXLE 4 TIRE		0	0.00	385	1.55	0.80	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE		221	0.26	2,177	8.76	0.69	122.9	2.07	267.5	2.79	1.44
3 AXLE OR MORE		69	1.01	501	2.02	0.90	858.1	1.37	429.9	4.48	1.24
ALL SINGLE UNIT TRKS		706	0.53	14,487	58.27	0.94	56.6	1.48	818.0	8.52	1.39
TRACTOR SEMI TRLRS											
3 AXLE		43	1.53	327	1.32	0.91	296.3	0.53	96.9	1.01	0.48
4 AXLE		136	1.47	848	3.41	0.79	717.1	1.05	698.1	6.33	0.83
5 AXLE OR MORE		912	1.03	9,180	36.93	1.03	875.1	1.07	8,033.8	83.69	1.10
ALL TRAC. SEMI TRLRS		1,091	1.09	10,355	41.65	1.00	843.3	1.06	8,738.8	91.03	1.06
ALL COMBINATIONS		1,092	1.09	10,373	41.73	1.00	843.7	1.07	8,782.0	91.48	1.07
TOTAL TRUCKS		1,798	0.77	24,860	100.00	0.96	385.5	1.13	9,600.0	100.00	1.09
STATE OF DELAWARE TOTAL ALL SYSTEMS NUMBER OF STATIONS =	8	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		903	1.44	20,214	53.70	1.43	1.2	0.12	24.3	0.17	0.18
OTHER 2 AXLE 4 TIRE		21	0.80	1,147	3.05	1.03	5.7	0.43	6.5	0.04	0.44
2 AXLE 6 TIRE		366	1.03	4,325	11.49	1.17	266.8	0.79	1,153.8	7.81	0.93
3 AXLE OR MORE		125	0.88	1,131	3.00	1.01	1,977.5	0.94	2,236.5	15.13	0.95
ALL SINGLE UNIT TRKS		1,415	1.23	26,817	71.24	1.34	127.5	0.68	3,421.1	23.15	0.92
TRACTOR SEMI TRLRS											
3 AXLE		17	0.47	1,540	4.09	1.35	363.1	0.48	559.2	3.78	0.65
4 AXLE		79	0.64	1,761	4.68	1.02	1,220.0	0.94	2,148.4	14.54	0.96
5 AXLE OR MORE		541	0.71	7,523	19.99	10.36	1,149.6	0.53	8,648.8	58.53	5.52
ALL TRAC. SEMI TRLRS		637	0.69	10,824	28.76	3.02	1,049.1	0.80	11,356.4	76.85	2.44
ALL COMBINATIONS		637	0.69	10,824	28.76	3.02	1,049.1	0.80	11,356.4	76.85	2.44
TOTAL TRUCKS		2,052	0.99	37,641	100.00	1.59	392.5	1.10	14,777.5	100.00	1.76

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

DISTRICT OF COLUMBIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	2	NUMBER OF TRUCKS WEIGHED 1973	RATIO OF TRUCKS WEIGHED 1973/72	NUMBER OF TRUCKS COUNTED 1973	% DISTR OF TRUCKS COUNTED 1973	RATIO OF TRUCKS COUNTED 1973/72	18-K EQV PER 1000 TRUCKS WEIGHED 1973	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1973/72	18-K EQV FOR ALL TRUCKS COUNTED 1973	% DISTR 18-K EQV ALL TRKS COUNTED 1973	RATIO OF 18-K EQV ALL TRKS COUNTED 1973/72
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		66	3.00	2,518	37.34	1.46	798.1	14.00	2,009.5	49.46	20.58
OTHER 2 AXLE 4 TIRE		267	0.90	671	9.95	0.49	290.7	1.55	195.1	4.80	0.77
2 AXLE 6 TIRE		16	16.00	2,382	35.32	3.17	378.8	37.88	902.4	22.20	120.32
3 AXLE OR MORE		113	1.37	367	5.44	0.77	1,077.8	0.91	395.6	9.73	0.70
ALL SINGLE UNIT TRKS		462	1.15	5,938	88.05	1.38	591.2	2.74	3,502.6	86.19	3.82
TRACTOR SEMI TRLRS											
3 AXLE		9	0.37	141	2.09	1.34	478.3	0.92	67.4	1.66	1.23
4 AXLE		37	0.35	258	3.83	1.04	479.1	0.85	123.6	3.04	0.89
5 AXLE OR MORE		69	0.51	407	6.03	1.32	910.2	1.32	370.4	9.11	1.74
ALL TRAC. SEMI TRLRS		115	0.44	806	11.95	1.22	698.5	1.14	561.4	13.81	1.38
ALL COMBINATIONS		197	0.59	806	11.95	1.22	698.5	1.14	561.4	13.81	1.38
TOTAL TRUCKS		619	0.93	6,744	100.00	1.36	604.0	2.25	4,064.0	100.00	3.07
STATE OF MARYLAND TOTAL ALL SYSTEMS NUMBER OF STATIONS =	11	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		430	0.87	33,695	48.35	1.00	31.4	1.28	1,057.0	4.31	1.29
OTHER 2 AXLE 4 TIRE		64	0.33	2,758	3.96	0.90	10.1	0.97	28.0	0.11	0.88
2 AXLE 6 TIRE		1,235	0.95	9,924	14.24	1.04	259.0	0.86	2,570.3	10.47	0.90
3 AXLE OR MORE		388	1.06	2,807	4.03	0.95	1,027.9	0.64	2,885.2	11.75	0.61
ALL SINGLE UNIT TRKS		2,117	0.90	49,184	70.57	1.00	133.0	0.78	6,540.5	26.64	0.78
TRACTOR SEMI TRLRS											
3 AXLE		71	0.87	579	0.83	0.66	610.5	1.11	353.5	1.44	0.74
4 AXLE		335	1.06	2,552	3.66	0.76	594.9	0.67	1,518.1	6.18	0.51
5 AXLE OR MORE		1,943	1.15	17,357	24.90	0.96	927.8	0.74	16,104.2	65.58	0.72
ALL TRAC. SEMI TRLRS		2,349	1.13	20,488	29.40	0.92	877.7	0.75	17,975.8	73.20	0.69
ALL COMBINATIONS		2,353	1.13	20,512	29.43	0.92	848.0	0.74	18,015.1	73.36	0.70
TOTAL TRUCKS		4,470	1.01	69,696	100.00	0.97	348.7	0.73	24,555.6	100.00	0.72
STATE OF VIRGINIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	24	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,393	0.84	51,908	51.16	1.19	4.9	0.52	252.6	0.88	0.62
OTHER 2 AXLE 4 TIRE		292	0.94	2,117	2.09	1.55	9.5	0.98	20.1	0.07	1.53
2 AXLE 6 TIRE		2,269	1.15	11,698	11.53	1.20	192.2	0.94	2,248.4	7.75	1.14
3 AXLE OR MORE		422	1.17	2,629	2.59	1.61	485.3	0.92	1,275.8	4.40	1.49
ALL SINGLE UNIT TRKS		4,376	1.02	68,352	67.36	1.22	55.5	0.95	3,796.9	13.10	1.17
TRACTOR SEMI TRLRS											
3 AXLE		117	0.79	1,160	1.14	1.05	426.1	0.90	494.3	1.70	0.95
4 AXLE		634	1.05	3,552	3.50	0.97	516.4	1.01	1,834.2	6.32	0.98
5 AXLE OR MORE		3,594	1.19	28,402	27.99	1.16	805.5	1.00	22,877.3	78.88	1.17
ALL TRAC. SEMI TRLRS		4,345	1.15	33,114	32.64	1.13	761.3	1.01	25,205.8	86.90	1.15
ALL COMBINATIONS		4,345	1.15	33,114	32.64	1.13	761.3	1.01	25,205.8	86.90	1.15
TOTAL TRUCKS		8,721	1.08	101,466	100.00	1.19	285.9	0.96	29,002.7	100.00	1.15
STATE OF WEST VIRGINIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	17	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		1,313	1.53	35,753	59.90	0.98	6.2	0.46	223.4	1.48	0.46
OTHER 2 AXLE 4 TIRE		80	3.47	274	0.46	2.04	183.7	0.95	50.3	0.34	1.94
2 AXLE 6 TIRE		1,133	0.93	5,896	9.88	0.99	162.1	0.99	956.0	6.37	0.98
3 AXLE OR MORE		348	0.71	1,578	2.64	1.00	1,131.8	1.34	1,785.9	11.91	1.35
ALL SINGLE UNIT TRKS		2,874	1.11	43,501	72.88	0.99	69.3	1.08	3,015.6	20.10	1.07
TRACTOR SEMI TRLRS											
3 AXLE		94	1.04	676	1.13	0.61	516.7	1.38	349.3	2.33	0.85
4 AXLE		245	0.83	1,382	2.32	0.95	522.8	0.89	722.5	4.82	0.86
5 AXLE OR MORE		2,196	0.89	14,126	23.67	0.91	772.6	0.84	10,913.5	72.75	0.76
ALL TRAC. SEMI TRLRS		2,535	0.89	16,184	27.12	0.89	740.6	0.86	11,985.3	79.90	0.77
ALL COMBINATIONS		2,535	0.89	16,184	27.12	0.89	740.6	0.86	11,985.3	79.90	0.77
TOTAL TRUCKS		5,409	0.99	59,685	100.00	0.96	251.3	0.85	15,000.9	100.00	0.82
STATE OF FLORIDA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	18	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		25,349	0.93	25,363	30.49	0.93	1.6	0.80	39.7	0.14	0.74
OTHER 2 AXLE 4 TIRE		11,997	3.66	12,021	14.45	3.65	3.4	0.41	40.7	0.15	1.50
2 AXLE 6 TIRE		11,227	1.28	11,195	13.46	1.27	119.0	1.17	1,332.7	4.85	1.49
3 AXLE OR MORE		2,352	1.69	2,440	2.93	1.71	583.4	1.31	1,423.6	5.18	2.24
ALL SINGLE UNIT TRKS		50,925	1.25	51,019	61.34	1.25	55.7	1.41	2,836.7	10.32	1.76
TRACTOR SEMI TRLRS											
3 AXLE		959	1.43	949	1.14	1.43	346.3	0.97	328.6	1.20	1.40
4 AXLE		8,973	1.34	8,946	10.76	1.34	953.6	1.10	8,531.2	31.04	1.48
5 AXLE OR MORE		22,286	1.23	22,262	26.76	1.24	709.2	1.03	15,787.4	57.44	1.28
ALL TRAC. SEMI TRLRS		32,218	1.26	32,157	38.66	1.27	766.5	1.05	24,647.2	89.68	1.34
ALL COMBINATIONS		32,218	1.26	32,157	38.66	1.26	766.5	1.05	24,647.2	89.68	1.34
TOTAL TRUCKS		83,143	1.26	83,176	100.00	1.26	330.5	1.09	27,483.5	100.00	1.37

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF GEORGIA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	82	0.36	23,968	43.49	0.82	3.2	0.68	77.1	0.20	0.56
OTHER 2 AXLE 4 TIRE	0	0.00	2,837	5.15	6.12	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	500	1.33	5,005	9.08	0.76	120.9	0.40	605.1	1.62	0.30
3 AXLE OR MORE	114	1.40	1,034	1.88	0.71	1,057.1	0.84	1,093.1	2.93	0.60
ALL SINGLE UNIT TRKS	696	1.00	32,844	59.60	0.87	54.0	0.51	1,775.3	4.75	0.45
TRACTOR SEMI TRLRS										
3 AXLE	37	0.97	695	1.26	0.95	875.4	0.90	608.4	1.63	0.86
4 AXLE	150	0.90	2,961	5.37	0.72	1,113.6	0.82	3,297.3	8.83	0.59
5 AXLE OR MORE	809	0.96	18,608	33.77	1.00	1,702.1	1.21	31,672.5	84.79	1.21
ALL TRAC. SEMI TRLRS	996	0.95	22,264	40.40	0.95	1,598.1	1.15	35,578.2	95.25	1.10
ALL COMBINATIONS	996	0.95	22,264	40.40	0.95	1,598.1	1.15	35,578.2	95.25	1.10
TOTAL TRUCKS	1,692	0.97	55,108	100.00	0.90	677.8	1.14	37,353.5	100.00	1.03
STATE OF NORTH CAROLINA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 25										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,247	1.42	43,201	49.84	1.03	2.0	0.58	85.1	0.39	0.59
OTHER 2 AXLE 4 TIRE	114	0.61	789	0.91	0.50	23.3	1.59	18.4	0.09	0.80
2 AXLE 6 TIRE	2,167	0.86	11,854	13.68	1.10	155.6	0.93	1,844.4	8.57	1.02
3 AXLE OR MORE	599	0.84	2,505	2.89	1.06	561.7	0.84	1,407.0	6.53	0.90
ALL SINGLE UNIT TRKS	5,127	1.03	58,349	67.32	1.03	57.4	0.91	3,354.9	15.58	0.95
TRACTOR SEMI TRLRS										
3 AXLE	164	1.05	626	0.72	0.86	496.4	1.33	310.8	1.44	1.16
4 AXLE	905	0.80	4,129	4.76	0.93	422.4	0.96	1,744.1	8.10	0.90
5 AXLE OR MORE	5,085	0.96	23,571	27.19	1.10	684.0	0.96	16,122.1	74.88	1.07
ALL TRAC. SEMI TRLRS	6,154	0.93	28,326	32.68	1.07	641.7	0.98	18,177.0	84.42	1.05
ALL COMBINATIONS	6,154	0.93	28,326	32.68	1.07	639.9	0.98	18,177.0	84.42	1.05
TOTAL TRUCKS	11,281	0.97	86,675	100.00	1.04	248.2	0.99	21,531.9	100.00	1.03
STATE OF SOUTH CAROLINA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 12										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	618	0.36	24,024	51.80	1.16	4.5	1.55	109.1	0.87	1.83
OTHER 2 AXLE 4 TIRE	2	0.03	1,331	2.87	5.04	5.2	0.81	6.9	0.05	4.05
2 AXLE 6 TIRE	631	0.99	5,591	12.05	1.17	181.4	1.03	1,014.5	8.02	1.21
3 AXLE OR MORE	56	0.65	710	1.53	1.33	718.2	0.59	509.9	4.03	0.80
ALL SINGLE UNIT TRKS	1,307	0.52	31,656	68.25	1.20	51.9	0.88	1,640.4	12.97	1.07
TRACTOR SEMI TRLRS										
3 AXLE	34	1.30	680	1.47	3.02	741.5	1.42	504.2	3.99	4.31
4 AXLE	181	0.88	2,957	6.38	1.19	565.1	0.71	1,671.1	13.20	0.85
5 AXLE OR MORE	746	1.22	11,089	23.91	1.51	797.3	1.00	8,841.7	69.85	1.52
ALL TRAC. SEMI TRLRS	961	1.14	14,726	31.75	1.46	748.2	0.95	11,017.0	87.03	1.39
ALL COMBINATIONS	961	1.14	14,726	31.75	1.46	748.2	0.95	11,017.0	87.03	1.39
TOTAL TRUCKS	2,268	0.68	46,382	100.00	1.27	273.0	1.05	12,657.4	100.00	1.34
STATE OF ILLINOIS TOTAL ALL SYSTEMS NUMBER OF STATIONS = 11										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	559	1.39	15,227	32.20	1.11	5.1	2.55	78.2	0.40	2.84
OTHER 2 AXLE 4 TIRE	88	0.93	1,658	3.51	0.86	169.3	24.18	280.7	1.48	20.94
2 AXLE 6 TIRE	164	0.68	4,005	8.47	0.98	124.0	0.87	496.8	2.62	0.86
3 AXLE OR MORE	80	1.26	1,104	2.33	1.37	326.2	1.05	360.1	1.90	1.45
ALL SINGLE UNIT TRKS	891	1.11	21,994	46.50	1.07	55.3	1.31	1,215.8	6.40	1.40
TRACTOR SEMI TRLRS										
3 AXLE	53	0.85	494	1.04	0.84	321.6	0.72	158.9	0.84	0.61
4 AXLE	213	0.86	1,916	4.05	1.03	491.9	0.97	942.5	4.96	1.00
5 AXLE OR MORE	1,993	0.95	22,005	46.53	1.06	711.4	0.95	15,654.9	82.40	1.01
ALL TRAC. SEMI TRLRS	2,259	0.94	24,415	51.62	1.05	686.3	0.95	16,756.3	88.20	1.00
ALL COMBINATIONS	2,341	0.92	25,302	53.50	0.99	702.8	0.88	17,782.2	93.60	0.88
TOTAL TRUCKS	3,232	0.97	47,296	100.00	1.03	401.7	0.87	18,598.0	100.00	0.90
STATE OF INDIANA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	845	0.94	22,804	33.53	0.89	6.7	0.57	153.7	0.55	0.52
OTHER 2 AXLE 4 TIRE	3	0.13	919	1.35	1.72	64.7	5.21	59.4	0.21	9.00
2 AXLE 6 TIRE	525	1.07	4,017	5.91	0.79	127.1	1.19	510.6	1.85	0.94
3 AXLE OR MORE	142	1.19	1,158	1.70	1.05	382.0	1.06	442.4	1.60	1.12
ALL SINGLE UNIT TRKS	1,515	0.99	28,898	42.48	0.89	40.4	1.05	1,166.1	4.21	0.94
TRACTOR SEMI TRLRS										
3 AXLE	54	0.67	738	1.08	0.88	359.2	1.02	265.1	0.96	0.90
4 AXLE	223	0.84	3,006	4.42	0.84	437.2	0.95	1,314.1	4.76	0.80
5 AXLE OR MORE	2,247	1.08	33,249	48.88	0.95	721.5	0.93	23,989.3	86.82	0.89
ALL TRAC. SEMI TRLRS	2,524	1.04	36,993	54.39	0.94	691.2	0.94	25,568.5	92.54	0.88
ALL COMBINATIONS	2,586	1.05	39,122	57.52	0.95	676.6	0.92	26,466.5	95.79	0.87
TOTAL TRUCKS	4,101	1.02	68,020	100.00	0.92	406.3	0.95	27,632.6	100.00	0.88

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KTP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF MICHIGAN TOTAL ALL SYSTEMS NUMBER OF STATIONS = 15	NUMBER OF TRUCKS WEIGHED 1976	RATIO OF TRUCKS WEIGHED 1976/74	NUMBER OF TRUCKS COUNTED 1976	% DISTR OF TRUCKS COUNTED 1976	RATIO OF TRUCKS COUNTED 1976/74	18-K EQV PER 1000 TRUCKS WEIGHED 1976	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1976/74	18-K EQV FOR ALL TRUCKS COUNTED 1976	% DISTR 18-K EQV ALL TRKS COUNTED 1976	RATIO OF 18-K EQV ALL TRKS COUNTED 1976/74
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	1,121	1.28	92,953	42.80	1.10	3.0	0.66	280.8	0.33	0.74
OTHER 2 AXLE 4 TIRE	155	6.20	1,982	0.91	0.92	6.1	1.22	12.1	0.02	1.12
2 AXLE 6 TIRE	1,054	1.05	25,741	11.85	1.18	135.4	0.91	3,485.6	4.34	1.08
3 AXLE OR MORE	236	0.94	3,961	1.82	0.95	415.0	1.01	1,644.0	2.05	0.97
ALL SINGLE UNIT TRKS	2,566	1.19	124,637	57.39	1.11	43.5	0.92	5,422.5	6.74	1.02
TRACTOR SEMI TRLS										
3 AXLE	189	1.16	3,512	1.62	0.76	395.6	0.95	1,389.2	1.73	0.72
4 AXLE	449	1.16	9,208	4.24	0.91	448.3	0.95	4,128.0	5.14	0.87
5 AXLE OR MORE	1,930	1.19	70,272	32.36	1.08	852.8	0.99	59,927.1	74.62	1.08
ALL TRAC. SEMI TRLS	2,568	1.18	82,992	38.22	1.04	788.6	1.01	65,444.3	81.49	1.05
ALL COMBINATIONS	2,827	1.14	92,534	42.61	1.06	809.3	0.98	74,891.2	93.26	1.04
TOTAL TRUCKS	5,393	1.16	217,171	100.00	1.09	369.8	0.95	80,313.7	100.00	1.04
STATE OF OHIO TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	93,471	30.93	1.29	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE	1	0.00	12,391	4.10	1.52	10.0	0.00	123.9	0.07	0.00
2 AXLE 6 TIRE	1,114	1.05	26,103	8.64	1.10	179.5	1.07	4,686.4	2.61	1.19
3 AXLE OR MORE	375	1.14	7,733	2.56	1.13	611.9	1.40	4,731.5	2.63	1.60
ALL SINGLE UNIT TRKS	1,490	1.08	139,698	46.22	1.26	68.3	1.09	9,541.8	5.30	1.38
TRACTOR SEMI TRLS										
3 AXLE	148	1.12	3,521	1.17	0.94	532.9	1.12	1,876.2	1.04	1.06
4 AXLE	423	1.09	12,025	3.98	1.00	608.6	1.04	7,319.0	4.07	1.05
5 AXLE OR MORE	3,191	1.18	143,152	47.37	1.18	1,083.8	1.06	155,153.1	86.32	1.25
ALL TRAC. SEMI TRLS	3,762	1.17	158,698	52.51	1.15	1,035.6	1.07	164,348.3	91.43	1.24
ALL COMBINATIONS	3,861	1.18	162,517	53.78	1.15	1,047.3	1.07	170,202.8	94.70	1.24
TOTAL TRUCKS	5,351	1.15	302,215	100.00	1.20	594.8	1.03	179,744.6	100.00	1.24
STATE OF WISCONSIN TOTAL ALL SYSTEMS NUMBER OF STATIONS = 16										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	779	0.74	16,580	33.41	1.70	7.3	1.32	121.6	0.53	2.26
OTHER 2 AXLE 4 TIRE	30	0.33	99	0.20	0.11	57.0	2.60	5.6	0.02	0.28
2 AXLE 6 TIRE	780	0.80	4,566	9.20	1.41	168.0	0.94	767.0	3.28	1.34
3 AXLE OR MORE	208	0.77	1,082	2.18	1.03	555.9	1.19	601.5	2.57	1.23
ALL SINGLE UNIT TRKS	1,797	0.75	22,327	44.99	1.50	66.8	0.87	1,495.7	6.40	1.32
TRACTOR SEMI TRLS										
3 AXLE	103	0.55	662	1.33	1.10	478.4	1.06	316.7	1.35	1.17
4 AXLE	422	0.80	2,134	4.30	1.08	455.1	0.97	971.2	4.15	1.05
5 AXLE OR MORE	3,800	1.22	23,691	47.73	1.32	842.8	1.09	19,966.7	85.41	1.42
ALL TRAC. SEMI TRLS	4,325	1.13	26,487	53.37	1.29	802.3	1.09	21,254.6	90.91	1.42
ALL COMBINATIONS	4,457	1.13	27,305	55.01	1.26	801.3	1.14	21,882.6	93.60	1.44
TOTAL TRUCKS	6,254	0.99	49,632	100.00	1.36	470.9	1.05	23,378.3	100.00	1.43
STATE OF ALABAMA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	169	0.12	24,863	54.17	1.02	2.7	1.08	66.4	0.50	1.11
OTHER 2 AXLE 4 TIRE	6	0.11	65	0.14	0.39	9.2	1.26	0.6	0.00	0.50
2 AXLE 6 TIRE	453	0.31	4,397	9.58	0.93	134.1	0.74	599.6	4.49	0.69
3 AXLE OR MORE	147	0.35	1,047	2.28	1.03	584.8	1.03	612.3	4.66	1.07
ALL SINGLE UNIT TRKS	775	0.23	30,372	66.17	1.00	41.7	0.85	1,268.9	9.65	0.85
TRACTOR SEMI TRLS										
3 AXLE	56	0.35	305	0.66	0.95	444.4	1.08	135.6	1.03	1.04
4 AXLE	200	0.35	1,155	2.52	0.86	466.1	1.08	538.4	4.10	0.94
5 AXLE OR MORE	1,902	0.37	14,068	30.65	1.07	796.0	1.03	11,198.5	85.22	1.10
ALL TRAC. SEMI TRLS	2,058	0.37	15,528	33.83	1.05	764.7	1.04	11,872.5	90.35	1.09
ALL COMBINATIONS	2,058	0.37	15,528	33.83	1.05	764.7	1.04	11,872.5	90.35	1.09
TOTAL TRUCKS	2,833	0.32	45,900	100.00	1.02	286.3	1.04	13,141.4	100.00	1.06
STATE OF KENTUCKY TOTAL ALL SYSTEMS NUMBER OF STATIONS = 11										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	180	5.14	62,941	36.53	1.33	6.2	0.60	389.1	0.48	0.80
OTHER 2 AXLE 4 TIRE	21	0.77	3,122	1.81	2.14	31.2	1.51	97.3	0.12	3.24
2 AXLE 6 TIRE	778	0.67	18,317	10.63	1.08	256.6	1.19	4,700.3	5.81	1.30
3 AXLE OR MORE	269	0.77	4,586	2.66	1.35	709.1	1.47	3,251.9	4.02	2.00
ALL SINGLE UNIT TRKS	1,248	0.79	88,966	51.63	1.29	94.8	1.13	8,438.6	10.43	1.46
TRACTOR SEMI TRLS										
3 AXLE	122	0.57	2,068	1.20	0.85	430.2	0.94	889.7	1.10	0.80
4 AXLE	391	0.58	7,429	4.31	0.92	540.2	1.05	4,012.9	4.96	0.97
5 AXLE OR MORE	3,650	0.71	73,605	42.72	1.01	915.6	1.04	67,390.9	83.29	1.05
ALL TRAC. SEMI TRLS	4,163	0.69	83,102	48.23	0.99	869.9	1.05	72,293.5	89.35	1.05
ALL COMBINATIONS	4,182	0.69	83,339	48.37	0.99	869.3	1.04	72,473.3	89.57	1.04
TOTAL TRUCKS	5,430	0.71	172,305	100.00	1.13	469.5	0.95	80,911.9	100.00	1.07

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF MISSISSIPPI TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/77	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/77	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/77	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	13	0.02	29,343	61.87	1.25	0.4	0.11	11.7	0.10	0.14
OTHER 2 AXLE 4 TIRE	13	0.08	200	0.42	0.96	28.4	2.92	5.7	0.05	2.85
2 AXLE 6 TIRE	306	0.71	3,541	7.47	1.03	159.3	1.06	599.6	5.45	1.10
3 AXLE OR MORE	151	0.93	605	1.28	0.94	254.9	0.88	154.2	1.40	0.83
ALL SINGLE UNIT TRKS	483	0.36	33,689	71.04	1.21	22.9	0.78	771.2	7.00	0.95
TRACTOR SEMI TRLRS										
3 AXLE	47	0.61	299	0.63	0.85	503.8	1.20	150.6	1.37	1.03
4 AXLE	205	0.73	1,216	2.56	0.89	521.2	1.06	633.7	5.76	0.95
5 AXLE OR MORE	1,879	0.82	12,221	25.77	1.08	773.4	1.02	9,452.2	85.87	1.11
ALL TRAC. SEMI TRLRS	2,131	0.80	13,736	28.96	1.05	745.7	1.03	10,236.5	93.00	1.09
ALL COMBINATIONS	2,131	0.80	13,736	28.96	1.05	745.7	1.03	10,236.5	93.00	1.09
TOTAL TRUCKS	2,614	0.65	47,425	100.00	1.16	232.2	0.93	11,007.7	100.00	1.08
STATE OF TENNESSEE TOTAL ALL SYSTEMS NUMBER OF STATIONS = 14	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	200	0.42	30,525	45.01	0.92	8.4	1.31	255.4	0.93	1.20
OTHER 2 AXLE 4 TIRE	44	0.55	1,482	2.19	0.87	7.6	1.18	11.3	0.34	1.04
2 AXLE 6 TIRE	547	0.68	6,513	9.60	0.82	221.6	0.97	1,443.3	5.00	0.80
3 AXLE OR MORE	116	0.70	1,250	1.84	0.95	682.9	0.60	853.6	3.13	0.58
ALL SINGLE UNIT TRKS	907	0.59	39,770	58.65	0.90	64.5	0.81	2,563.6	9.40	0.73
TRACTOR SEMI TRLRS										
3 AXLE	33	0.80	508	0.75	0.88	815.0	1.20	414.0	1.52	1.06
4 AXLE	164	0.65	2,660	3.92	0.86	601.0	0.82	1,598.6	5.87	0.71
5 AXLE OR MORE	1,109	0.73	24,874	36.68	1.29	911.6	0.80	22,674.8	83.21	1.04
ALL TRAC. SEMI TRLRS	1,306	0.72	28,042	41.35	1.22	880.0	0.82	24,687.4	90.60	1.01
ALL COMBINATIONS	1,306	0.72	28,042	41.35	1.22	880.0	0.82	24,687.4	90.60	1.01
TOTAL TRUCKS	2,213	0.66	67,812	100.00	1.01	401.8	0.96	27,251.0	100.00	0.97
STATE OF IOWA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 20	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	4,517	1.04	22,001	36.30	1.16	3.7	1.76	82.1	0.36	2.07
OTHER 2 AXLE 4 TIRE	1,333	0.55	5,360	8.84	0.84	6.5	1.71	34.8	0.16	1.43
2 AXLE 6 TIRE	2,362	0.93	4,691	7.74	0.93	157.5	1.03	738.9	3.29	0.97
3 AXLE OR MORE	1,197	1.09	2,229	3.68	1.14	395.6	1.02	881.8	3.93	1.17
ALL SINGLE UNIT TRKS	9,409	0.91	34,281	56.56	1.06	50.8	1.03	1,737.6	7.74	1.10
TRACTOR SEMI TRLRS										
3 AXLE	290	0.87	465	0.77	0.81	433.5	0.91	201.6	0.90	0.75
4 AXLE	1,108	0.92	1,842	3.04	0.88	499.4	0.99	519.9	4.10	0.88
5 AXLE OR MORE	12,173	1.06	22,235	36.68	1.17	857.1	1.00	19,056.7	84.98	1.18
ALL TRAC. SEMI TRLRS	13,571	1.04	24,542	40.49	1.13	822.4	1.02	20,178.2	89.98	1.15
ALL COMBINATIONS	14,167	1.01	26,334	43.44	1.03	785.8	1.09	20,688.3	92.26	1.13
TOTAL TRUCKS	23,576	0.97	60,615	100.00	1.05	370.1	1.07	22,425.9	100.00	1.13
STATE OF KANSAS TOTAL ALL SYSTEMS NUMBER OF STATIONS = 15	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	93	0.35	24,144	60.13	1.01	2.8	1.03	68.2	0.63	1.07
OTHER 2 AXLE 4 TIRE	18	0.62	906	2.26	1.85	7.3	0.40	6.6	0.06	0.75
2 AXLE 6 TIRE	312	0.76	3,590	8.94	0.92	176.4	1.11	633.1	5.87	1.03
3 AXLE OR MORE	106	1.03	595	1.48	1.01	479.7	1.30	285.4	2.65	1.31
ALL SINGLE UNIT TRKS	529	0.65	29,235	72.80	1.01	34.0	1.07	993.3	9.21	1.10
TRACTOR SEMI TRLRS										
3 AXLE	24	0.54	203	0.51	0.80	646.8	1.33	131.3	1.22	1.07
4 AXLE	140	1.02	862	2.15	0.89	564.8	0.99	486.9	4.52	0.89
5 AXLE OR MORE	1,199	1.25	8,680	21.62	1.16	867.8	1.03	7,532.7	69.86	1.20
ALL TRAC. SEMI TRLRS	1,363	1.20	9,745	24.27	1.12	836.1	1.04	8,150.9	75.60	1.17
ALL COMBINATIONS	1,544	1.21	10,921	27.20	1.13	896.4	1.06	9,789.1	90.79	1.20
TOTAL TRUCKS	2,073	1.00	40,156	100.00	1.04	268.6	1.14	10,782.4	100.00	1.19
STATE OF MINNESOTA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 19	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.01	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	959	1.03	5,879	18.63	0.97	246.8	1.02	1,450.8	6.93	0.99
3 AXLE OR MORE	429	1.00	3,810	12.07	1.08	503.3	1.12	1,917.7	9.16	1.22
ALL SINGLE UNIT TRKS	1,388	1.02	9,689	30.70	1.01	347.6	1.10	3,368.5	16.10	1.11
TRACTOR SEMI TRLRS										
3 AXLE	69	0.94	360	1.14	0.68	437.9	0.81	157.6	0.75	0.55
4 AXLE	242	0.95	976	3.09	0.72	419.5	0.82	409.4	1.96	0.59
5 AXLE OR MORE	2,673	0.94	19,929	63.14	1.22	818.6	1.00	16,313.7	77.91	1.23
ALL TRAC. SEMI TRLRS	2,984	0.94	21,265	67.38	1.17	793.5	1.01	16,880.7	80.62	1.18
ALL COMBINATIONS	3,047	0.94	21,872	69.30	1.16	802.9	1.01	17,569.4	83.90	1.19
TOTAL TRUCKS	4,435	0.97	31,561	100.00	1.11	663.2	1.05	20,537.9	100.00	1.17

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.



SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE	NUMBER OF STATIONS	NUMBER OF TRUCKS WEIGHED	RATIO OF TRUCKS WEIGHED	NUMBER OF TRUCKS COUNTED	% DISTR OF TRUCKS COUNTED	RATIO OF TRUCKS COUNTED	18-K EQV PER 1000 TRUCKS WEIGHED	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED	18-K EQV FOR ALL TRUCKS COUNTED	% DISTR 18-K EQV ALL TRKS COUNTED	RATIO OF 18-K EQV ALL TRKS COUNTED
STATE OF MISSOURI	12										
TOTAL ALL SYSTEMS		2,607	1.96	56,642	100.00	1.03	328.3	0.92	18,595.2	100.00	0.95
NUMBER OF STATIONS =	12										
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		2	0.12	28,044	49.51	1.06	5.2	0.94	145.8	0.80	1.00
OTHER 2 AXLE 4 TIRE		3	3.00	146	0.26	0.32	5.2	13.00	0.8	0.00	4.00
2 AXLE 6 TIRE		241	1.45	3,914	6.91	0.92	219.8	1.05	860.5	4.63	0.97
3 AXLE OR MORE		135	1.68	1,424	2.51	1.12	380.2	0.73	541.4	2.91	0.82
ALL SINGLE UNIT TRKS		381	1.44	33,528	59.19	1.04	46.2	0.88	1,548.5	8.34	0.91
TRACTOR SEMI TRKLS											
3 AXLE		45	1.73	378	0.67	0.78	267.9	0.69	101.3	0.54	0.54
4 AXLE		149	1.67	1,378	2.43	0.85	426.3	0.87	587.5	3.16	0.74
5 AXLE OR MORE		1,905	2.20	19,812	34.98	1.04	741.8	0.95	14,696.0	79.01	0.99
ALL TRAC. SEMI TRKLS		2,099	2.14	21,568	38.08	1.02	713.3	0.95	15,384.8	82.71	0.97
ALL COMBINATIONS		2,226	2.09	23,114	40.81	1.02	737.6	0.93	17,050.7	91.66	0.96
TOTAL TRUCKS		2,607	1.96	56,642	100.00	1.03	328.3	0.92	18,595.2	100.00	0.95
STATE OF NEBRASKA	14										
TOTAL ALL SYSTEMS		3,351	1.07	32,904	100.00	1.10	299.5	0.86	9,845.6	100.00	0.93
NUMBER OF STATIONS =	14										
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		83	1.69	18,841	57.26	1.17	17.2	1.06	323.2	3.30	1.24
OTHER 2 AXLE 4 TIRE		9	0.36	165	0.50	1.09	393.8	6.26	65.0	0.66	6.84
2 AXLE 6 TIRE		593	1.21	2,885	8.77	0.92	221.1	0.89	637.9	6.48	0.82
3 AXLE OR MORE		243	1.51	926	2.81	1.38	458.8	0.83	424.8	4.31	1.15
ALL SINGLE UNIT TRKS		928	1.28	22,817	69.34	1.13	63.7	0.91	1,450.9	14.75	1.03
TRACTOR SEMI TRKLS											
3 AXLE		66	0.72	232	0.71	0.85	407.0	1.48	94.4	0.96	1.27
4 AXLE		172	0.86	537	1.63	0.71	470.2	0.92	252.5	2.56	0.66
5 AXLE OR MORE		1,994	1.03	7,021	21.34	0.99	956.3	0.98	6,714.0	68.19	0.88
ALL TRAC. SEMI TRKLS		2,232	1.00	7,790	23.67	0.96	906.8	0.99	7,060.9	71.71	0.96
ALL COMBINATIONS		2,423	1.01	10,087	30.66	1.04	832.8	0.93	8,394.7	85.25	0.92
TOTAL TRUCKS		3,351	1.07	32,904	100.00	1.10	299.5	0.86	9,845.6	100.00	0.93
STATE OF NORTH DAKOTA	15										
TOTAL ALL SYSTEMS		2,580	1.16	26,930	100.00	1.48	214.0	1.03	5,873.3	100.00	1.56
NUMBER OF STATIONS =	15										
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		64	2.66	14,668	54.47	1.48	4.2	1.61	61.0	1.03	2.37
OTHER 2 AXLE 4 TIRE		595	0.85	4,735	17.58	1.38	4.7	1.56	22.2	0.38	2.15
2 AXLE 6 TIRE		238	1.05	1,697	6.30	1.47	213.9	1.12	362.9	6.18	1.65
3 AXLE OR MORE		177	1.48	726	2.70	1.85	606.5	1.41	440.3	7.50	2.62
ALL SINGLE UNIT TRKS		1,074	1.00	21,826	81.05	1.47	40.6	1.42	886.4	15.09	2.09
TRACTOR SEMI TRKLS											
3 AXLE		19	0.90	448	1.66	7.72	344.0	0.65	154.1	2.62	5.03
4 AXLE		79	1.00	364	1.35	2.10	340.6	0.69	124.0	2.11	1.47
5 AXLE OR MORE		1,301	1.32	3,504	13.01	1.24	1,137.9	1.14	3,987.1	67.89	1.42
ALL TRAC. SEMI TRKLS		1,399	1.29	4,316	16.03	1.41	989.6	1.03	4,265.2	72.62	1.46
ALL COMBINATIONS		1,506	1.30	5,104	18.95	1.53	882.2	0.88	4,986.9	84.91	1.50
TOTAL TRUCKS		2,580	1.16	26,930	100.00	1.48	214.0	1.03	5,873.3	100.00	1.56
STATE OF SOUTH DAKOTA	12										
TOTAL ALL SYSTEMS		2,616	0.72	27,452	100.00	1.20	174.6	0.94	4,788.9	100.00	1.13
NUMBER OF STATIONS =	12										
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		508	0.38	18,825	68.57	1.26	3.6	1.20	67.0	1.40	1.50
OTHER 2 AXLE 4 TIRE		67	1.67	215	0.78	0.57	4.3	0.45	0.9	0.02	0.25
2 AXLE 6 TIRE		522	0.79	3,340	12.17	1.17	229.4	0.96	766.1	16.00	1.13
3 AXLE OR MORE		174	0.69	852	3.10	1.04	354.1	0.83	301.7	6.30	0.87
ALL SINGLE UNIT TRKS		1,271	0.56	23,232	84.63	1.23	48.9	0.86	1,135.7	23.72	1.06
TRACTOR SEMI TRKLS											
3 AXLE		30	0.58	118	0.43	0.95	438.2	1.22	51.7	1.08	1.18
4 AXLE		118	0.82	301	1.10	0.83	519.1	1.06	156.3	3.26	0.88
5 AXLE OR MORE		1,094	0.98	3,514	12.80	1.07	882.4	1.06	3,100.9	64.75	1.14
ALL TRAC. SEMI TRKLS		1,242	0.95	3,933	14.33	1.04	841.2	1.07	3,308.9	69.09	1.12
ALL COMBINATIONS		1,345	0.99	4,220	15.37	1.06	866.2	1.07	3,653.2	76.28	1.15
TOTAL TRUCKS		2,616	0.72	27,452	100.00	1.20	174.6	0.94	4,788.9	100.00	1.13
STATE OF ARKANSAS	6										
TOTAL ALL SYSTEMS		1,008	168.00	2,998	100.00	499.66	171.7	429.25	508.7	100.00	0.00
NUMBER OF STATIONS =	6										
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		561	93.50	1,915	63.88	319.16	2.6	6.50	4.9	0.97	0.00
OTHER 2 AXLE 4 TIRE		24	0.00	4	0.13	0.00	182.9	0.00	0.7	0.14	0.00
2 AXLE 6 TIRE		137	0.00	368	12.27	0.00	175.1	0.00	64.5	12.68	0.00
3 AXLE OR MORE		30	0.00	46	1.53	0.00	420.3	0.00	19.3	3.79	0.00
ALL SINGLE UNIT TRKS		752	125.33	2,333	77.82	388.83	39.9	99.75	89.4	17.58	0.00
TRACTOR SEMI TRKLS											
3 AXLE		8	0.00	9	0.30	0.00	498.4	0.00	4.5	0.88	0.00
4 AXLE		22	0.00	74	2.47	0.00	526.2	0.00	38.9	7.65	0.00
5 AXLE OR MORE		226	0.00	582	19.41	0.00	645.9	0.00	375.9	73.89	0.00
ALL TRAC. SEMI TRKLS		256	0.00	665	22.18	0.00	635.1	0.00	419.3	82.42	0.00
ALL COMBINATIONS		256	0.00	665	22.18	0.00	631.3	0.00	419.3	82.42	0.00
TOTAL TRUCKS		1,008	168.00	2,998	100.00	499.66	171.7	429.25	508.7	100.00	0.00

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF LOUISIANA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/75	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/75	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1977/75	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/75
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		278	0.42	19,617	58.68	1.22	3.9	1.50	76.4	0.80	1.84
OTHER 2 AXLE 4 TIRE		30	1.03	274	0.82	0.72	9.5	1.00	2.6	0.03	0.72
2 AXLE 6 TIRE		251	1.06	3,439	10.29	1.23	201.5	1.21	692.9	7.09	1.50
3 AXLE OR MORE		38	1.15	444	1.33	1.00	361.8	0.92	160.6	1.64	0.92
ALL SINGLE UNIT TRKS		597	0.62	23,774	71.11	1.21	39.3	1.13	932.5	9.56	1.37
TRACTOR SEMI TRRLS											
3 AXLE		24	0.92	250	0.75	0.72	560.4	1.12	140.1	1.43	0.81
4 AXLE		92	1.12	949	2.84	1.15	589.1	0.72	559.0	5.72	0.83
5 AXLE OR MORE		698	1.29	8,460	25.30	1.27	961.6	1.00	8,135.4	83.29	1.27
ALL TRAC. SEMI TRRLS		814	1.26	9,659	28.89	1.23	913.6	0.98	8,834.5	90.44	1.22
ALL COMBINATIONS		814	1.25	9,659	28.89	1.23	910.1	0.98	8,834.5	90.44	1.21
TOTAL TRUCKS		1,411	0.88	33,433	100.00	1.21	291.6	1.00	9,767.0	100.00	1.22
STATE OF OKLAHOMA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	6	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		5	0.38	9,120	51.57	1.32	20.0	1.27	182.8	2.27	1.69
OTHER 2 AXLE 4 TIRE		8	2.00	44	0.25	6.28	319.4	2.30	14.1	0.17	14.10
2 AXLE 6 TIRE		139	0.60	1,393	7.88	1.11	415.5	1.78	578.8	7.16	1.99
3 AXLE OR MORE		52	0.83	461	2.61	2.95	288.6	0.63	133.0	1.65	1.88
ALL SINGLE UNIT TRKS		204	0.66	11,018	62.30	1.32	82.6	1.44	908.7	11.25	1.93
TRACTOR SEMI TRRLS											
3 AXLE		51	0.51	216	1.22	0.80	504.7	1.07	109.0	1.35	0.86
4 AXLE		179	0.52	323	1.83	0.52	675.4	1.18	218.2	2.70	0.62
5 AXLE OR MORE		1,779	0.66	5,985	33.84	1.12	1,112.0	1.06	6,655.2	82.33	1.20
ALL TRAC. SEMI TRRLS		2,009	0.64	6,524	36.89	1.05	1,069.8	1.10	6,982.4	86.38	1.16
ALL COMBINATIONS		2,093	0.63	6,668	37.70	1.01	1,075.1	1.10	7,174.6	88.75	1.12
TOTAL TRUCKS		2,297	0.63	17,686	100.00	1.18	456.9	0.98	8,083.3	100.00	1.17
STATE OF TEXAS TOTAL ALL SYSTEMS NUMBER OF STATIONS =	2	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		0	0.00	18,684	45.96	1.19	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE		0	0.00	150	0.37	0.89	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE		323	1.11	3,258	8.01	1.13	301.5	0.86	982.2	3.87	0.97
3 AXLE OR MORE		53	1.12	521	1.28	0.82	608.0	1.26	316.8	1.25	1.03
ALL SINGLE UNIT TRKS		376	1.11	22,613	55.62	1.17	57.6	0.85	1,299.0	5.12	0.99
TRACTOR SEMI TRRLS											
3 AXLE		33	0.76	438	1.08	1.26	680.0	1.47	297.8	1.17	1.87
4 AXLE		93	0.86	1,152	2.83	1.04	1,055.9	1.33	1,216.4	4.79	1.38
5 AXLE OR MORE		1,161	1.07	15,687	38.59	1.19	1,338.9	1.16	21,003.6	82.73	1.39
ALL TRAC. SEMI TRRLS		1,287	1.04	17,277	42.50	1.18	1,303.7	1.18	22,517.8	88.69	1.40
ALL COMBINATIONS		1,342	1.05	18,040	44.38	1.17	1,291.4	1.16	24,087.8	94.88	1.38
TOTAL TRUCKS		1,718	1.06	40,653	100.00	1.17	615.4	1.15	25,386.8	100.00	1.35
STATE OF ARIZONA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	14	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		408	0.78	13,908	51.39	0.40	6.1	1.90	84.6	0.98	0.77
OTHER 2 AXLE 4 TIRE		7	1.40	890	3.29	0.88	17.6	0.94	15.7	0.18	0.83
2 AXLE 6 TIRE		174	0.42	2,438	9.01	0.59	111.7	0.96	272.4	3.12	0.57
3 AXLE OR MORE		57	1.00	397	1.47	0.21	460.0	1.31	182.6	2.09	0.27
ALL SINGLE UNIT TRKS		646	0.64	17,633	65.16	0.42	31.5	1.03	555.3	6.37	0.44
TRACTOR SEMI TRRLS											
3 AXLE		24	0.46	204	0.75	0.20	315.8	0.52	64.4	0.74	0.10
4 AXLE		24	0.28	435	1.61	0.52	557.9	1.20	242.7	2.78	0.63
5 AXLE OR MORE		408	0.34	6,678	24.68	0.33	814.7	0.81	5,440.4	62.34	0.27
ALL TRAC. SEMI TRRLS		456	0.34	7,317	27.04	0.33	785.4	0.81	5,747.5	65.86	0.27
ALL COMBINATIONS		605	0.35	9,430	34.84	0.36	867.0	0.83	8,171.5	93.63	0.30
TOTAL TRUCKS		1,251	0.46	27,063	100.00	0.40	322.7	0.76	8,726.8	100.00	0.30
STATE OF COLORADO TOTAL ALL SYSTEMS NUMBER OF STATIONS =	12	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		765	2.48	36,978	69.10	1.28	7.9	0.87	292.6	2.02	1.12
OTHER 2 AXLE 4 TIRE		3	0.07	132	0.25	0.17	58.7	3.22	7.7	0.05	0.55
2 AXLE 6 TIRE		391	0.93	4,573	8.55	1.11	155.9	0.91	712.8	4.95	1.02
3 AXLE OR MORE		100	0.93	976	1.82	1.37	659.6	1.45	643.8	4.47	1.99
ALL SINGLE UNIT TRKS		1,259	1.44	42,659	79.71	1.24	38.9	1.02	1,656.9	11.49	1.28
TRACTOR SEMI TRRLS											
3 AXLE		39	1.08	227	0.42	0.74	645.5	1.19	146.5	1.02	0.89
4 AXLE		65	1.08	539	1.01	1.45	529.1	1.03	285.2	1.98	1.50
5 AXLE OR MORE		1,150	1.15	9,012	16.84	1.19	1,182.7	1.08	10,658.1	73.98	1.30
ALL TRAC. SEMI TRRLS		1,254	1.14	9,778	18.27	1.19	1,134.3	1.08	11,089.8	76.98	1.30
ALL COMBINATIONS		1,325	1.09	10,856	20.29	1.17	1,174.7	1.10	12,749.8	88.51	1.30
TOTAL TRUCKS		2,584	1.24	53,515	100.00	1.22	269.3	1.05	14,406.7	100.00	1.30

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF IDAHO TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/75	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/75	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1977/75	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/75
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	22,507	66.41	86.56	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	908	1.16	3,677	10.85	1.38	155.7	0.73	572.6	6.54	1.01
3 AXLE OR MORE	202	1.06	1,443	4.26	2.54	553.0	1.12	797.9	9.12	2.85
ALL SINGLE UNIT TRKS	1,190	1.13	27,627	81.51	7.77	49.6	0.20	1,370.5	15.66	1.61
TRACTOR SEMI TRLRS										
3 AXLE	77	1.28	149	0.44	1.18	416.6	0.70	62.1	0.71	0.83
4 AXLE	124	1.26	198	0.58	0.91	446.5	0.77	88.4	1.01	0.70
5 AXLE OR MORE	1,510	1.17	4,437	13.09	1.28	1,202.3	1.06	5,334.7	60.97	1.36
ALL TRAC. SEMI TRLRS	1,711	1.18	4,784	14.12	1.25	1,147.9	1.06	5,485.2	62.69	1.33
ALL COMBINATIONS	1,985	1.13	6,266	18.49	1.29	1,179.1	1.07	7,379.7	84.34	1.39
TOTAL TRUCKS	3,175	1.13	33,893	100.00	4.04	258.4	0.35	8,750.2	100.00	1.42
STATE OF MONTANA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 23	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/78	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/78	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/78	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/78
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2	0.00	29,563	73.44	0.93	201.0	0.00	5,942.2	34.05	0.00
OTHER 2 AXLE 4 TIRE	29	9.66	265	0.66	0.78	79.0	0.14	20.9	0.12	0.11
2 AXLE 6 TIRE	278	0.68	2,133	5.30	0.49	319.4	1.04	681.3	3.90	0.51
3 AXLE OR MORE	150	0.67	778	1.93	0.95	568.9	0.77	442.6	2.54	0.73
ALL SINGLE UNIT TRKS	459	0.72	32,739	81.33	0.87	216.3	3.81	7,087.0	40.61	3.35
TRACTOR SEMI TRLRS										
3 AXLE	34	0.40	206	0.51	1.49	328.2	0.70	67.6	0.39	1.04
4 AXLE	123	0.57	289	0.72	1.00	658.0	1.13	190.2	1.09	1.03
5 AXLE OR MORE	2,183	0.67	5,544	13.77	1.04	1,436.0	1.05	7,961.4	45.62	1.09
ALL TRAC. SEMI TRLRS	2,340	0.66	6,039	15.00	1.05	1,360.7	1.04	8,219.2	47.10	1.09
ALL COMBINATIONS	2,840	0.69	7,517	18.67	1.07	1,379.6	1.00	10,363.9	59.39	1.07
TOTAL TRUCKS	3,299	0.69	40,256	100.00	0.90	433.6	1.64	17,450.9	100.00	1.49
STATE OF NEVADA TOTAL ALL SYSTEMS NUMBER OF STATIONS = 13	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/76	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/76	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/76	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/76
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	0	0.00	17,142	61.38	1.53	0.0	0.00	0.0	0.00	0.00
OTHER 2 AXLE 4 TIRE	0	0.00	47	0.17	0.21	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE	316	1.62	1,685	6.03	0.65	169.7	1.02	285.9	2.27	0.67
3 AXLE OR MORE	86	2.04	275	0.98	1.56	635.7	1.22	174.8	1.39	1.91
ALL SINGLE UNIT TRKS	402	1.68	19,149	68.57	1.35	24.1	0.65	460.7	3.66	0.88
TRACTOR SEMI TRLRS										
3 AXLE	58	2.41	155	0.56	1.80	461.7	0.61	71.6	0.57	1.10
4 AXLE	144	1.63	351	1.26	1.58	659.3	0.97	231.4	1.84	1.54
5 AXLE OR MORE	2,134	1.91	6,249	22.38	1.85	1,316.7	0.95	8,227.9	65.38	1.77
ALL TRAC. SEMI TRLRS	2,336	1.90	6,755	24.19	1.83	1,262.9	0.95	8,530.9	67.79	1.75
ALL COMBINATIONS	3,086	1.78	8,777	31.43	1.68	1,381.3	0.97	12,123.3	96.34	1.64
TOTAL TRUCKS	3,488	1.77	27,926	100.00	1.44	450.7	1.10	12,584.0	100.00	1.59
STATE OF NEW MEXICO TOTAL ALL SYSTEMS NUMBER OF STATIONS = 6	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/77	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/77	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/77	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	1,502	1.52	8,252	52.24	1.06	2.6	0.81	21.8	0.29	0.88
OTHER 2 AXLE 4 TIRE	348	2.00	609	3.86	0.76	15.9	2.09	9.7	0.13	1.61
2 AXLE 6 TIRE	521	1.79	1,597	10.11	1.07	95.1	0.79	151.8	2.01	0.85
3 AXLE OR MORE	32	1.39	169	1.07	1.40	272.6	0.56	46.1	0.61	0.80
ALL SINGLE UNIT TRKS	2,403	1.62	10,627	67.28	1.04	21.6	0.83	229.4	3.04	0.86
TRACTOR SEMI TRLRS										
3 AXLE	66	3.88	78	0.49	0.73	522.9	0.82	40.8	0.54	0.60
4 AXLE	197	2.23	361	2.29	1.09	912.6	1.00	329.4	4.37	1.09
5 AXLE OR MORE	2,668	2.63	4,205	26.62	1.10	1,415.1	1.01	5,550.6	78.94	1.11
ALL TRAC. SEMI TRLRS	2,931	2.61	4,644	29.40	1.09	1,361.1	1.01	6,320.8	83.85	1.11
ALL COMBINATIONS	3,202	2.60	5,169	32.72	1.09	1,413.9	1.03	7,308.8	96.96	1.12
TOTAL TRUCKS	5,605	2.07	15,796	100.00	1.06	477.4	1.05	7,538.2	100.00	1.11
STATE OF UTAH TOTAL ALL SYSTEMS NUMBER OF STATIONS = 8	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/76	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/76	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/76	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/76
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	34	0.21	15,994	36.79	0.85	5.4	1.10	86.0	0.66	0.93
OTHER 2 AXLE 4 TIRE	26	2.16	8,332	19.17	1.09	103.1	4.05	858.9	6.68	4.44
2 AXLE 6 TIRE	243	0.61	10,353	23.82	2.44	267.5	1.44	2,769.5	21.52	3.51
3 AXLE OR MORE	114	0.80	1,351	3.11	1.50	499.5	1.40	674.9	5.25	2.11
ALL SINGLE UNIT TRKS	417	0.59	36,030	82.89	1.14	121.9	2.75	4,385.3	34.11	3.15
TRACTOR SEMI TRLRS										
3 AXLE	45	0.63	339	0.78	0.88	339.7	1.07	115.1	0.89	0.94
4 AXLE	68	0.88	373	0.86	0.92	706.1	1.41	263.4	2.05	1.31
5 AXLE OR MORE	606	0.79	5,343	12.29	1.07	1,084.2	1.07	5,793.1	45.02	1.15
ALL TRAC. SEMI TRLRS	719	0.79	6,055	13.93	1.04	1,019.4	1.10	6,171.6	47.96	1.15
ALL COMBINATIONS	870	0.77	7,438	17.11	1.01	1,139.7	1.10	8,477.7	65.89	1.11
TOTAL TRUCKS	1,287	0.70	43,468	100.00	1.11	296.0	1.27	12,867.0	100.00	1.42

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF WYOMING TOTAL ALL SYSTEMS NUMBER OF STATIONS =	11	NUMBER OF TRUCKS WEIGHED 1978	RATIO OF TRUCKS WEIGHED 1978/75	NUMBER OF TRUCKS COUNTED 1978	% DISTR OF TRUCKS COUNTED 1978	RATIO OF TRUCKS COUNTED 1978/75	18-K EQV PER 1000 TRUCKS WEIGHED 1978	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1978/75	18-K EQV FOR ALL TRUCKS COUNTED 1978	% DISTR OF 18-K EQV ALL TRKS COUNTED 1978	RATIO OF 18-K EQV ALL TRKS COUNTED 1978/75
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		147	1.48	45,052	50.58	1.13	4.0	1.25	181.5	0.47	1.42
OTHER 2 AXLE 4 TIRE		6	0.00	254	0.29	0.17	3.6	0.00	0.9	0.00	0.00
2 AXLE 6 TIRE		147	1.93	10,248	11.50	1.44	194.9	1.50	1,996.8	5.05	2.18
3 AXLE OR MORE		48	1.41	1,992	2.24	1.29	572.2	0.76	1,139.8	2.88	0.99
ALL SINGLE UNIT TRKS		348	1.66	57,546	64.60	1.15	57.7	1.31	3,319.0	8.40	1.51
TRACTOR SEMI TRLRS											
3 AXLE		14	1.40	533	0.60	0.94	520.7	5.11	277.5	0.70	4.82
4 AXLE		32	1.23	1,148	1.29	0.88	627.1	1.06	719.9	1.82	0.94
5 AXLE OR MORE		492	1.45	24,812	27.85	1.31	1,139.3	1.62	28,268.2	71.54	2.14
ALL TRAC. SEMI TRLRS		538	1.43	26,493	29.74	1.27	1,104.6	1.63	29,265.6	74.06	2.08
ALL COMBINATIONS		610	1.38	31,530	35.40	1.24	1,147.9	1.54	36,195.4	91.60	1.91
TOTAL TRUCKS		958	1.47	89,076	100.00	1.18	443.6	1.58	39,514.4	100.00	1.87
STATE OF CALIFORNIA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	16	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/74	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/74	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1977/74	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR OF 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/74
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		626	0.65	88,942	56.60	1.43	2.3	0.57	202.0	0.35	0.81
OTHER 2 AXLE 4 TIRE		61	15.25	6,758	4.30	2.73	16.1	2.51	109.0	0.19	6.89
2 AXLE 6 TIRE		1,725	1.35	16,816	10.70	1.37	146.6	1.22	2,465.8	4.28	1.68
3 AXLE OR MORE		263	1.39	1,893	1.20	1.11	435.2	1.37	823.7	1.43	1.52
ALL SINGLE UNIT TRKS		2,675	1.10	114,409	72.81	1.46	31.4	1.08	3,600.5	6.25	1.59
TRACTOR SEMI TRLRS											
3 AXLE		409	1.45	2,119	1.35	1.15	360.7	0.96	764.3	1.33	1.11
4 AXLE		404	1.46	2,354	1.50	1.20	466.6	1.05	1,098.5	1.91	1.27
5 AXLE OR MORE		2,757	1.59	16,808	10.70	1.36	1,053.0	1.09	17,699.5	30.74	1.49
ALL TRAC. SEMI TRLRS		3,570	1.55	21,281	13.54	1.32	919.2	1.10	19,562.3	33.98	1.45
ALL COMBINATIONS		5,887	1.53	42,727	27.19	1.41	1,263.2	1.11	53,982.5	93.75	1.57
TOTAL TRUCKS		8,562	1.36	157,136	100.00	1.44	366.4	1.08	57,583.0	100.00	1.57
STATE OF OREGON TOTAL ALL SYSTEMS NUMBER OF STATIONS =	8	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/75	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/75	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1977/75	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR OF 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/75
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		92	0.67	19,195	63.55	1.33	4.6	0.68	88.9	0.83	0.91
OTHER 2 AXLE 4 TIRE		31	0.46	403	1.33	0.57	13.1	1.81	5.3	0.05	1.06
2 AXLE 6 TIRE		657	1.17	2,642	8.75	1.51	190.0	1.17	502.1	4.73	1.78
3 AXLE OR MORE		196	0.99	688	2.28	1.48	457.1	1.18	314.5	2.97	1.76
ALL SINGLE UNIT TRKS		976	1.01	22,928	75.91	1.32	39.9	1.23	910.8	8.58	1.62
TRACTOR SEMI TRLRS											
3 AXLE		77	0.88	324	1.07	1.62	601.7	1.33	194.9	1.84	2.16
4 AXLE		127	1.58	270	0.89	1.39	485.0	1.16	130.9	1.23	1.62
5 AXLE OR MORE		2,098	1.19	4,849	16.05	1.12	1,288.4	0.96	6,247.3	58.90	1.08
ALL TRAC. SEMI TRLRS		2,302	1.20	5,443	18.02	1.15	1,207.6	0.95	6,573.1	61.97	1.10
ALL COMBINATIONS		3,086	1.20	7,275	24.09	1.15	1,333.3	1.02	9,696.2	91.42	1.17
TOTAL TRUCKS		4,062	1.15	30,203	100.00	1.28	351.4	0.94	10,607.0	100.00	1.20
STATE OF WASHINGTON TOTAL ALL SYSTEMS NUMBER OF STATIONS =	7	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/78	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/78	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/78	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR OF 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/78
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		2	0.00	26,221	56.52	0.80	87.2	0.00	2,286.5	10.61	0.00
OTHER 2 AXLE 4 TIRE		0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE		112	1.06	3,868	8.34	0.86	189.8	2.05	734.2	3.41	1.78
3 AXLE OR MORE		57	0.79	796	1.72	0.87	285.4	1.14	227.2	1.06	1.00
ALL SINGLE UNIT TRKS		171	0.96	30,885	66.58	0.81	105.3	6.23	3,247.9	15.08	5.09
TRACTOR SEMI TRLRS											
3 AXLE		90	1.01	389	0.84	0.89	549.0	1.21	213.5	0.99	1.08
4 AXLE		161	1.26	626	1.35	0.99	521.5	1.06	324.5	1.52	1.06
5 AXLE OR MORE		2,563	0.89	10,885	23.46	0.97	1,031.4	1.11	11,224.3	52.16	1.09
ALL TRAC. SEMI TRLRS		2,814	0.91	11,900	25.65	0.97	988.4	1.11	11,766.3	54.67	1.09
ALL COMBINATIONS		3,698	0.87	15,506	33.42	0.91	1,116.2	1.01	18,276.3	84.92	0.97
TOTAL TRUCKS		3,869	0.88	46,391	100.00	0.84	455.5	1.29	21,524.2	100.00	1.11
STATE OF ALASKA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	1	NUMBER OF TRUCKS WEIGHED 1980	RATIO OF TRUCKS WEIGHED 1980/73	NUMBER OF TRUCKS COUNTED 1980	% DISTR OF TRUCKS COUNTED 1980	RATIO OF TRUCKS COUNTED 1980/73	18-K EQV PER 1000 TRUCKS WEIGHED 1980	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1980/73	18-K EQV FOR ALL TRUCKS COUNTED 1980	% DISTR OF 18-K EQV ALL TRKS COUNTED 1980	RATIO OF 18-K EQV ALL TRKS COUNTED 1980/73
SINGLE UNIT TRUCKS											
PANEL AND PICKUP		12	1.20	8,429	87.99	2.50	4.0	1.21	33.7	2.64	3.06
OTHER 2 AXLE 4 TIRE		0	0.00	23	0.24	0.63	0.0	0.00	0.0	0.00	0.00
2 AXLE 6 TIRE		46	0.80	321	3.35	1.36	253.3	1.79	81.3	6.35	2.44
3 AXLE OR MORE		56	2.94	255	2.66	11.59	1,019.6	3.02	260.0	20.31	35.13
ALL SINGLE UNIT TRKS		114	1.32	9,028	94.25	2.47	41.9	2.97	375.0	29.30	7.25
TRACTOR SEMI TRLRS											
3 AXLE		3	1.50	9	0.09	9.00	206.0	0.83	1.9	0.15	9.50
4 AXLE		4	1.33	9	0.09	2.25	886.7	0.41	8.0	0.62	0.94
5 AXLE OR MORE		68	1.30	297	3.10	4.18	1,146.4	1.41	340.5	26.60	5.94
ALL TRAC. SEMI TRLRS		75	1.31	315	3.29	4.14	1,102.6	1.36	350.4	27.37	5.30
ALL COMBINATIONS		105	1.50	551	5.75	6.40	1,593.7	1.63	905.0	70.70	10.06
TOTAL TRUCKS		219	1.40	9,579	100.00	2.56	133.2	3.64	1,280.0	100.00	9.03

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF HAWAII TOTAL ALL SYSTEMS NUMBER OF STATIONS =	NUMBER OF TRUCKS WEIGHED 1977	RATIO OF TRUCKS WEIGHED 1977/74	NUMBER OF TRUCKS COUNTED 1977	% DISTR OF TRUCKS COUNTED 1977	RATIO OF TRUCKS COUNTED 1977/74	18-K EQV PER 1000 TRUCKS WEIGHED 1977	RATIO OF 18-K EQV PER 1000 WEIGHED 1977/74	18-K EQV FOR ALL TRUCKS COUNTED 1977	% DISTR 18-K EQV ALL TRKS COUNTED 1977	RATIO OF 18-K EQV ALL TRKS COUNTED 1977/74
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	100	2.27	2,908	79.24	1.44	0.6	0.37	1.9	0.76	0.59
OTHER 2 AXLE 4 TIRE	24	1.50	165	4.50	1.04	2.0	0.54	0.3	0.12	0.50
2 AXLE 6 TIRE	77	1.05	299	8.15	1.30	139.0	0.58	41.6	16.42	0.76
3 AXLE OR MORE	48	0.61	241	6.57	1.09	753.7	0.81	181.6	71.69	0.88
ALL SINGLE UNIT TRKS	249	1.18	3,613	98.45	1.37	62.4	0.61	225.4	88.99	0.85
TRACTOR SEMI TRLRS										
3 AXLE	0	0.00	0	0.00	0.00	0.0	0.00	0.0	0.00	0.00
4 AXLE	7	0.18	12	0.33	0.11	316.3	0.10	3.8	1.50	0.01
5 AXLE OR MORE	10	0.30	35	0.95	0.43	402.2	0.21	14.1	5.57	0.09
ALL TRAC. SEMI TRLRS	17	0.23	47	1.28	0.24	411.1	0.17	17.9	7.07	0.03
ALL COMBINATIONS	21	0.15	57	1.55	0.15	438.4	0.19	27.9	11.01	0.03
TOTAL TRUCKS	270	0.78	3,670	100.00	1.22	69.2	0.18	253.3	100.00	0.22
PUERTO RICO TOTAL ALL SYSTEMS NUMBER OF STATIONS =	7									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	44	0.34	6,448	54.76	0.89	545.5	5.00	3,517.7	24.38	4.50
OTHER 2 AXLE 4 TIRE	19	0.55	286	2.43	0.93	13.6	0.03	3.9	0.03	0.03
2 AXLE 6 TIRE	359	0.78	3,491	29.65	0.99	1,509.5	1.25	5,269.8	36.52	1.25
3 AXLE OR MORE	129	0.88	601	5.10	1.21	2,912.9	1.30	1,750.6	12.13	1.59
ALL SINGLE UNIT TRKS	551	0.72	10,826	91.94	0.94	975.3	1.80	10,542.0	73.06	1.69
TRACTOR SEMI TRLRS										
3 AXLE	7	1.00	37	0.31	1.85	518.1	0.12	19.2	0.13	0.22
4 AXLE	118	0.60	549	4.66	1.27	4,545.0	1.43	2,495.2	17.29	1.83
5 AXLE OR MORE	99	0.73	363	3.08	1.38	3,785.1	1.04	1,374.0	9.52	1.43
ALL TRAC. SEMI TRLRS	224	0.66	949	8.06	1.33	4,110.0	1.21	3,888.4	26.94	1.62
ALL COMBINATIONS	224	0.64	949	8.06	1.33	4,110.0	1.21	3,888.4	26.94	1.62
TOTAL TRUCKS	775	0.69	11,775	100.00	0.96	1,228.0	1.73	14,430.4	100.00	1.67
NATIONAL TOTALS TOTAL ALL SYSTEMS NUMBER OF STATIONS =	658									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	29,862	0.98	1,369,445	47.27	0.95	9.8	1.01	13,381.2	1.16	0.96
OTHER 2 AXLE 4 TIRE	7,221	1.04	69,770	2.41	0.78	32.8	1.13	2,288.1	0.20	0.88
2 AXLE 6 TIRE	39,046	1.00	312,109	10.77	0.90	212.4	1.01	66,284.1	5.75	0.91
3 AXLE OR MORE	10,669	1.00	72,066	2.49	0.96	725.5	1.00	52,282.9	4.54	0.97
ALL SINGLE UNIT TRKS	86,798	1.00	1,823,390	62.93	0.93	73.6	1.00	134,236.2	11.65	0.94
TRACTOR SEMI TRLRS										
3 AXLE	4,614	1.05	33,119	1.14	0.91	478.2	1.03	15,837.4	1.37	0.94
4 AXLE	17,097	1.02	114,903	3.97	0.85	734.8	1.01	84,426.9	7.33	0.86
5 AXLE OR MORE	105,294	1.00	852,298	29.42	0.96	953.6	1.00	812,752.8	70.54	0.97
ALL TRAC. SEMI TRLRS	127,005	1.01	1,000,320	34.53	0.94	912.7	1.01	913,017.1	79.24	0.96
ALL COMBINATIONS	137,226	1.01	1,073,879	37.07	0.94	947.9	1.00	1017,970.7	88.35	0.95
TOTAL TRUCKS	224,024	1.00	2,897,269	100.00	0.94	397.7	1.01	1152,207.0	100.00	0.95

Table 30A

## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR RIGID PAVEMENT DESIGN

(P = 2.5 AND D = 9 IN.)

STATE OF IOWA INTERSTATE RURAL SYSTEM NUMBER OF STATIONS =	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	55	0.43	10,790	28.42	1.07	7.6	1.65	82.3	0.30	1.76
OTHER 2 AXLE 4 TIRE	44	0.46	2,874	7.57	1.05	17.4	2.23	50.0	0.19	2.34
2 AXLE 6 TIRE	922	0.86	2,605	6.86	0.93	180.7	1.13	470.8	1.78	1.06
3 AXLE OR MORE	561	1.21	1,103	2.90	1.18	534.8	1.11	589.9	2.23	1.32
ALL SINGLE UNIT TRKS	1,582	0.90	17,372	45.75	1.05	68.9	1.18	1,193.0	4.50	1.24
TRACTOR SEMI TRLRS										
3 AXLE	215	0.88	341	0.90	0.86	416.3	0.86	142.0	0.54	0.75
4 AXLE	878	0.91	1,436	3.78	0.94	554.0	0.99	795.5	3.01	0.94
5 AXLE OR MORE	9,682	1.04	17,512	46.12	1.14	1,362.6	0.99	23,661.2	90.31	1.14
ALL TRAC. SEMI TRLRS	10,775	1.02	19,289	50.80	1.12	1,285.8	1.01	24,798.7	93.86	1.13
ALL COMBINATIONS	11,160	1.01	20,598	54.25	1.02	1,225.0	1.08	25,228.7	95.50	1.11
TOTAL TRUCKS	12,742	0.99	37,970	100.00	1.03	696.1	1.08	26,421.7	100.00	1.12
STATE OF IOWA OTHER RURAL SYSTEMS NUMBER OF STATIONS =	9									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,427	1.17	5,740	42.97	1.26	4.2	1.90	24.1	0.35	2.41
OTHER 2 AXLE 4 TIRE	749	0.78	1,320	9.88	0.75	6.5	1.54	8.5	0.13	1.14
2 AXLE 6 TIRE	813	1.04	1,206	9.03	1.00	142.0	0.95	171.3	2.66	0.95
3 AXLE OR MORE	380	1.02	609	4.56	1.03	526.0	1.06	320.4	4.97	1.10
ALL SINGLE UNIT TRKS	4,368	1.04	8,875	66.44	1.09	58.8	0.96	524.3	8.11	1.07
TRACTOR SEMI TRLRS										
3 AXLE	46	1.02	77	0.58	0.68	457.2	1.19	35.2	0.55	0.82
4 AXLE	155	0.96	280	2.10	0.71	464.8	0.84	130.1	2.02	0.60
5 AXLE OR MORE	1,956	1.20	3,754	28.11	1.30	1,503.2	1.08	5,643.2	87.50	1.41
ALL TRAC. SEMI TRLRS	2,157	1.18	4,111	30.78	1.21	1,413.3	1.12	5,808.5	90.07	1.36
ALL COMBINATIONS	2,312	1.08	4,482	33.56	1.12	1,322.2	1.20	5,525.1	91.89	1.35
TOTAL TRUCKS	6,680	1.06	13,357	100.00	1.10	482.8	1.19	6,449.4	100.00	1.33
STATE OF IOWA ALL RURAL SYSTEMS NUMBER OF STATIONS =	16									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,482	1.13	16,530	32.21	1.13	4.3	1.79	70.7	0.22	2.05
OTHER 2 AXLE 4 TIRE	792	0.75	4,194	8.17	0.93	7.1	1.57	29.6	0.09	1.46
2 AXLE 6 TIRE	1,735	0.94	3,811	7.42	0.95	162.6	1.05	615.6	1.89	1.00
3 AXLE OR MORE	941	1.12	1,712	3.34	1.12	531.3	1.09	909.5	2.78	1.23
ALL SINGLE UNIT TRKS	5,950	1.00	26,247	51.14	1.06	62.1	1.08	1,629.4	4.98	1.15
TRACTOR SEMI TRLRS										
3 AXLE	261	0.90	418	0.81	0.82	423.5	0.91	177.0	0.54	0.75
4 AXLE	1,033	0.92	1,716	3.34	0.90	540.6	0.97	927.7	2.83	0.88
5 AXLE OR MORE	11,638	1.06	21,266	41.43	1.17	1,386.2	1.01	29,479.1	90.00	1.18
ALL TRAC. SEMI TRLRS	12,932	1.05	23,400	45.59	1.14	1,307.0	1.02	30,583.8	93.37	1.17
ALL COMBINATIONS	13,472	1.02	25,080	48.86	1.04	1,241.1	1.10	31,123.6	95.02	1.15
TOTAL TRUCKS	19,422	1.01	51,327	100.00	1.05	639.2	1.09	32,753.0	100.00	1.15
STATE OF IOWA ALL URBAN SYSTEMS NUMBER OF STATIONS =	4									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,035	0.95	5,471	58.90	1.27	3.8	2.11	20.8	0.99	2.66
OTHER 2 AXLE 4 TIRE	541	0.40	1,166	12.55	0.63	5.4	1.68	6.3	0.30	1.06
2 AXLE 6 TIRE	627	0.92	880	9.47	0.87	124.7	0.95	109.7	5.25	0.82
3 AXLE OR MORE	256	0.97	517	5.57	1.21	557.3	0.84	288.1	13.79	1.02
ALL SINGLE UNIT TRKS	3,459	0.78	8,034	86.50	1.06	52.7	0.93	424.5	20.33	0.99
TRACTOR SEMI TRLRS										
3 AXLE	29	0.70	47	0.51	0.75	327.9	0.88	15.4	0.74	0.66
4 AXLE	75	0.98	126	1.36	0.71	724.0	1.21	91.2	4.37	0.86
5 AXLE OR MORE	535	0.98	969	10.43	1.15	1,573.6	0.94	1,524.8	73.01	1.09
ALL TRAC. SEMI TRLRS	639	0.96	1,142	12.30	1.05	1,432.0	1.00	1,631.4	78.12	1.07
ALL COMBINATIONS	695	0.86	1,254	13.50	0.94	1,328.2	1.12	1,663.7	79.67	1.07
TOTAL TRUCKS	4,154	0.79	9,288	100.00	1.04	224.9	1.00	2,086.6	100.00	1.05
STATE OF IOWA TOTAL ALL SYSTEMS NUMBER OF STATIONS =	20									
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	4,517	1.04	22,001	36.30	1.16	4.1	1.95	89.5	0.26	2.26
OTHER 2 AXLE 4 TIRE	1,333	0.55	5,360	8.84	0.84	6.4	1.68	34.3	0.10	1.42
2 AXLE 6 TIRE	2,362	0.93	4,691	7.74	0.93	152.5	1.02	715.5	2.05	0.96
3 AXLE OR MORE	1,197	1.09	2,229	3.68	1.14	536.8	1.01	1,196.6	3.44	1.16
ALL SINGLE UNIT TRKS	9,409	0.91	34,281	56.56	1.06	59.5	1.04	2,035.9	5.85	1.11
TRACTOR SEMI TRLRS										
3 AXLE	290	0.87	465	0.77	0.81	413.9	0.91	192.5	0.55	0.74
4 AXLE	1,108	0.92	1,842	3.04	0.88	553.0	0.99	1,018.7	2.93	0.88
5 AXLE OR MORE	12,173	1.06	22,235	36.68	1.17	1,394.4	1.00	31,005.5	89.03	1.18
ALL TRAC. SEMI TRLRS	13,571	1.04	24,542	40.49	1.13	1,313.1	1.02	32,216.7	92.51	1.16
ALL COMBINATIONS	14,167	1.01	26,334	43.44	1.03	1,245.5	1.11	32,788.9	94.15	1.15
TOTAL TRUCKS	23,576	0.97	60,615	100.00	1.05	574.8	1.09	34,824.8	100.00	1.15

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.

Table 30B

## SUMMARY OF 18-KIP RATES AND EQUIVALENTS FOR FLEXIBLE PAVEMENT DESIGN

(P = 2.5 AND SN = 5)

STATE OF IOWA INTERSTATE RURAL SYSTEM NUMBER OF STATIONS =	NUMBER OF TRUCKS WEIGHED 1979	RATIO OF TRUCKS WEIGHED 1979/77	NUMBER OF TRUCKS COUNTED 1979	% DISTR OF TRUCKS COUNTED 1979	RATIO OF TRUCKS COUNTED 1979/77	18-K EQV PER 1000 TRUCKS WEIGHED 1979	RATIO OF 18-K EQV PER 1000 TRUCKS WEIGHED 1979/77	18-K EQV FOR ALL TRUCKS COUNTED 1979	% DISTR 18-K EQV ALL TRKS COUNTED 1979	RATIO OF 18-K EQV ALL TRKS COUNTED 1979/77
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	55	0.43	10,790	28.42	1.07	7.6	1.65	82.3	0.49	1.76
OTHER 2 AXLE 4 TIRE	44	0.46	2,874	7.57	1.05	18.2	2.30	52.5	0.31	2.43
2 AXLE 6 TIRE	922	0.86	2,605	6.86	0.93	186.3	1.14	485.4	2.85	1.06
3 AXLE OR MORE	561	1.21	1,103	2.90	1.18	392.0	1.12	432.3	2.54	1.33
ALL SINGLE UNIT TRKS	1,582	0.90	17,372	45.75	1.05	60.8	1.18	1,052.5	6.19	1.24
TRACTOR SEMI TRLRS										
3 AXLE	215	0.88	341	0.90	0.86	436.0	0.87	148.7	0.87	0.75
4 AXLE	878	0.91	1,436	3.78	0.94	506.5	1.00	727.4	4.28	0.95
5 AXLE OR MORE	9,682	1.04	17,512	46.12	1.14	838.5	0.99	14,683.8	86.36	1.14
ALL TRAC. SEMI TRLRS	10,775	1.02	19,289	50.80	1.12	806.8	1.00	15,559.9	91.51	1.13
ALL COMBINATIONS	11,160	1.01	20,598	54.25	1.02	774.5	1.07	15,950.4	93.81	1.10
TOTAL TRUCKS	12,742	0.99	37,970	100.00	1.03	447.9	1.07	17,002.9	100.00	1.11
STATE OF IOWA OTHER RURAL SYSTEMS NUMBER OF STATIONS =										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,427	1.17	5,740	42.97	1.26	3.7	1.68	21.1	0.51	2.11
OTHER 2 AXLE 4 TIRE	748	0.78	1,320	9.98	0.75	6.5	1.54	8.6	0.21	1.16
2 AXLE 6 TIRE	813	1.04	1,206	9.03	1.00	146.9	0.96	177.1	4.26	0.96
3 AXLE OR MORE	380	1.02	609	4.56	1.03	398.6	1.07	242.8	5.84	1.11
ALL SINGLE UNIT TRKS	4,368	1.04	8,875	66.44	1.09	50.4	0.96	449.6	10.82	1.07
TRACTOR SEMI TRLRS										
3 AXLE	46	1.02	77	0.58	0.68	477.7	1.19	36.8	0.89	0.81
4 AXLE	155	0.96	280	2.10	0.71	415.4	0.87	116.3	2.80	0.63
5 AXLE OR MORE	1,956	1.20	3,754	28.11	1.30	919.8	1.08	3,452.8	83.09	1.40
ALL TRAC. SEMI TRLRS	2,157	1.18	4,111	30.78	1.21	877.6	1.11	3,605.9	86.78	1.34
ALL COMBINATIONS	2,312	1.08	4,482	33.56	1.12	827.1	1.18	3,705.7	89.18	1.33
TOTAL TRUCKS	6,680	1.06	13,357	100.00	1.10	311.0	1.17	4,155.3	100.00	1.30
STATE OF IOWA ALL RURAL SYSTEMS NUMBER OF STATIONS =										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,482	1.13	16,530	32.21	1.13	3.8	1.58	62.2	0.30	1.80
OTHER 2 AXLE 4 TIRE	792	0.75	4,194	8.17	0.93	7.2	1.56	30.2	0.14	1.47
2 AXLE 6 TIRE	1,735	0.94	3,811	7.42	0.95	167.9	1.06	639.7	3.04	1.01
3 AXLE OR MORE	941	1.12	1,712	3.34	1.12	394.7	1.10	475.6	3.21	1.24
ALL SINGLE UNIT TRKS	5,950	1.00	26,247	51.14	1.06	53.6	1.07	1,407.7	6.69	1.14
TRACTOR SEMI TRLRS										
3 AXLE	261	0.90	418	0.81	0.82	443.3	0.91	195.3	0.88	0.75
4 AXLE	1,033	0.92	1,716	3.34	0.90	492.9	0.98	845.8	4.02	0.89
5 AXLE OR MORE	11,638	1.06	21,266	41.43	1.17	852.2	1.01	18,122.0	86.12	1.19
ALL TRAC. SEMI TRLRS	12,932	1.05	23,400	45.59	1.14	818.5	1.02	19,153.1	91.02	1.16
ALL COMBINATIONS	13,472	1.02	25,080	48.86	1.04	783.0	1.09	19,635.5	93.31	1.14
TOTAL TRUCKS	19,422	1.01	51,327	100.00	1.05	410.0	1.08	21,043.2	100.00	1.14
STATE OF IOWA ALL URBAN SYSTEMS NUMBER OF STATIONS =										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	2,035	0.95	5,471	58.90	1.27	3.7	2.05	20.2	1.44	2.58
OTHER 2 AXLE 4 TIRE	541	0.40	1,166	12.55	0.63	5.5	1.66	6.4	0.46	1.06
2 AXLE 6 TIRE	627	0.92	880	9.47	0.87	128.9	0.94	113.4	8.11	0.82
3 AXLE OR MORE	256	0.97	517	5.57	1.21	399.1	0.83	206.3	14.75	1.01
ALL SINGLE UNIT TRKS	3,459	0.78	8,034	86.50	1.06	43.0	0.91	246.3	24.76	0.97
TRACTOR SEMI TRLRS										
3 AXLE	29	0.70	47	0.51	0.75	345.1	0.89	16.2	1.16	0.67
4 AXLE	75	0.98	126	1.36	0.71	589.6	1.09	74.3	5.31	0.77
5 AXLE OR MORE	535	0.98	969	10.43	1.15	963.6	0.95	933.7	66.76	1.09
ALL TRAC. SEMI TRLRS	639	0.96	1,142	12.30	1.05	899.3	0.99	1,024.2	73.23	1.05
ALL COMBINATIONS	695	0.86	1,254	13.50	0.94	840.3	1.11	1,052.2	75.24	1.05
TOTAL TRUCKS	4,154	0.79	9,288	100.00	1.04	150.6	0.98	1,398.5	100.00	1.03
STATE OF IOWA TOTAL ALL SYSTEMS NUMBER OF STATIONS =										
SINGLE UNIT TRUCKS										
PANEL AND PICKUP	4,517	1.04	22,001	36.30	1.16	3.7	1.76	82.1	0.36	2.07
OTHER 2 AXLE 4 TIRE	1,333	0.55	5,360	8.84	0.84	6.5	1.71	34.8	0.16	1.43
2 AXLE 6 TIRE	2,362	0.93	4,691	7.74	0.93	157.5	1.03	738.9	3.29	0.97
3 AXLE OR MORE	1,197	1.09	2,229	3.68	1.14	395.6	1.02	881.8	3.93	1.17
ALL SINGLE UNIT TRKS	9,409	0.91	34,281	56.56	1.06	50.8	1.03	1,737.6	7.74	1.10
TRACTOR SEMI TRLRS										
3 AXLE	290	0.87	465	0.77	0.81	433.5	0.91	201.6	0.90	0.75
4 AXLE	1,108	0.92	1,842	3.04	0.88	499.4	0.99	619.9	4.10	0.88
5 AXLE OR MORE	12,173	1.06	22,235	36.68	1.17	857.1	1.00	19,056.7	84.98	1.18
ALL TRAC. SEMI TRLRS	13,571	1.04	24,542	40.49	1.13	822.4	1.02	20,178.2	89.98	1.15
ALL COMBINATIONS	14,167	1.01	26,334	43.44	1.03	785.8	1.09	20,688.3	92.26	1.13
TOTAL TRUCKS	23,576	0.97	60,615	100.00	1.05	370.1	1.07	22,425.5	100.00	1.13

NOTE: WHERE THE RATIO IS ZERO, DATA WAS NOT AVAILABLE FOR BOTH YEARS.



