

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle Summary of Vehicle Classification Data		5. Report Date August 1982	6. Performing Organization Code
7. Author(s) J. D. Crabtree		8. Performing Organization Report No. UKTRP-82-10	
9. Performing Organization Name and Address Kentucky Transportation Research Program College of Engineering University of Kentucky Lexington, Kentucky 40506		10. Work Unit No. (TRAVIS)	11. Contract or Grant No. KYHPR-81-84
12. Sponsoring Agency Name and Address Kentucky Department of Transportation State Office Building Frankfort, Kentucky 40622		13. Type of Report and Period Covered Interim	
14. Sponsoring Agency Code			
15. Supplementary Notes Prepared in cooperation with the US Department of Transportation, Federal Highway Administration Study Title: Effects of Vehicle Characteristics on Highway Safety			
16. Abstract As part of an attempt to calculate accident rates for different vehicle types on various kinds of roads, it was necessary to determine the percentage of each vehicle type in the traffic stream for each type road. This was accomplished by summarizing Kentucky's Vehicle Classification File. The procedure used in summarizing the file and the results of the summary are presented in this report. Vehicle distributions are reported by number of lanes, by functional classification, by administrative classification, by federal-aid system, by hour of day, by day of week, and by month of year. It is believed this report provides the most extensive and accurate data currently available on vehicle type distributions in Kentucky.			
17. Key Words Vehicle Classification Vehicle Type Highway Type Distribution Traffic Stream		18. Distribution Statement	
19. Security Classif. (of this report)	20. Security Classif. (of this page)	21. No. of Pages	22. Price

Research Report
UKTRP-82-10

SUMMARY OF VEHICLE CLASSIFICATION DATA

by

Joseph D. Crabtree
Senior Research Engineer

Kentucky Transportation Research Program
College of Engineering
University of Kentucky
Lexington, Kentucky

in cooperation with
Department of Transportation
Commonwealth of Kentucky

and

Federal Highway Administration
US Department of Transportation

The contents of this report reflect the views of the author, who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the University of Kentucky, the Kentucky Department of Transportation, nor the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.

August 1982

INTRODUCTION

As part of a research study entitled "Effects of Vehicle Characteristics on Highway Safety", accident rates were calculated for different vehicle types on various kinds of roads. Numbers of accidents were available, by highway type, for passenger cars, single-unit trucks, combination trucks, buses, and motorcycles. However, to convert those numbers into rates, it was necessary to determine the number of vehicle-miles traveled statewide by each vehicle type on each kind of road. Total statewide vehicle-miles traveled was available by type of road; so all that was needed was the percentage of each vehicle type in the traffic stream for each type of road. To make this calculation possible, a copy of the Vehicle Classification (VC) File was obtained from the Kentucky Department of Transportation's Division of Systems Planning (now the Division of Project Development). This report describes the procedure used in summarizing the VC file, and presents the results of the summaries.

Information presented herein should prove valuable in a variety of applications. It is believed this report provides the most extensive and accurate data currently available on vehicle-type distributions in Kentucky.

PROCEDURE

The VC file contains data from vehicle classification counts conducted at stations throughout Kentucky. Data are available for 1967 through 1981. As of May 1980, there were approximately 1,800 stations throughout the state at which counts had been performed. There were 284 stations at which counts were performed on a regular basis. Of these, 11 were updated quarterly, 39 were updated biannually, and 234 were updated every five years. Other stations were established and updated on an "as needed" basis (1).

The file consists of vehicle classification count data records accompanied by two kinds of header records. Each data record contains an hourly count of each of 23 different vehicle types, as listed in Table 1. As shown in this table, the twenty-third category is actually a

"double-counting" of coal trucks, since the trucks counted here are also included in one of the previous 22 categories. The header records that accompany the data records contain information relative to location of the station and the route on which it is located. The formats of the data records and header records, as received from the Division of Systems Planning, are described in Table 2.

Upon examination of the VC file, it was observed that certain important fields of the header cards were blank in most cases. Those fields were expected to contain information on "Highway System -- Federal", "Highway System -- State", "Functional Classification", and "Urban-Rural Indicator". That missing information was required for the desired summaries. Therefore, it was decided to fill in the empty fields using data from the Statewide Mileage Tape (SMT). A computer program was written to read necessary information from the SMT and place it in the appropriate spaces on the VC header records. The route number and milepost of each station were used to locate the appropriate record on the SMT.

The codes for "Highway System -- Federal" and "Functional Classification" were available from the SMT ("Federal Aid Designated Way" on the SMT is the same as "Highway System -- Federal" on the VC file). However, the code for "Highway System -- State" was not available. Therefore, that field on the VC header records was filled with a code for "Administrative Classification". In addition, the field for "Urban-Rural Indicator" was filled with a code for "Federal Aid Urban Area", and fields were added to the VC header records for "Number of Lanes" and "Population Group". The final format of the header records is shown in Table 3. An explanation of codes for "Federal Aid Designated Way", "Administrative Classification", "Functional Classification", "Federal Aid Urban Area", and "Population Group" is in Table 4.

The process of filling necessary fields was carried out for three years of VC data: 1976, 1977, and 1978. In the process, some errors were detected in the VC data. A description of errors and

corrective actions taken is contained in the Appendix, Table A-1.

When filling in blank fields was completed, the first summary was initiated. A computer program was written to summarize VC data by five basic vehicle types: passenger cars, single-unit trucks, combination trucks, buses, and motorcycles. Those categories were chosen to correspond to categories for which numbers of accidents were available. The way in which the 22 categories of the VC file were combined into the five categories desired is described in Table 5. When the summary program was run on the data, additional errors were discovered. A description of those errors and corrective actions taken is contained in the Appendix, Table A-2.

After that summary was completed, interest was expressed in a summary using all 22 vehicle types (not including the separate count of coal trucks). Another computer program was prepared to summarize data in that manner.

RESULTS

Results of the first summary, by five basic vehicle types, are presented in Tables 6 through 10. Table 6 shows the VC distribution by number of lanes, considering only rural roads. Table 7 is the same as Table 6, except only urban roads are considered. Table 8 shows the VC distribution by Functional Classification of the roadway. Tables 9 and 10 are the same as Table 8, except they replace Functional

Classification with Administrative Classification and Federal Aid Designated Way, respectively.

Results of the second summary, by 22 vehicle types, are contained in Tables 11 through 16. Presented are VC distributions, respectively, by Functional Classification, by Administrative Classification, by Federal Aid Designated Way, by hour of day, by day of week, and by month of year. Those summaries are for the three years of data combined. Summaries for individual years have been prepared corresponding to each of those tables, but they are not included in this report. Additionally, more detailed summaries for each year have been prepared, including, for each Functional Classification, Administrative Classification, and Federal Aid Designated Way, breakdowns by hour of day, day of week, and month of year. Due to the number and size of those tables, they have not been included herein.

The summaries reported provide an indication of the type and amount of data available from the VC file. Additional summaries and analyses may be performed as the need arises.

REFERENCE

1. Memorandum; from Dudley J. Shryock, Manager, Transportation Survey Section, Division of Systems Planning, Kentucky Department of Transportation, to Joseph D. Crabtree, Division of Research; May 30, 1980.

TABLE 1. VEHICLE TYPES ON THE VEHICLE CLASSIFICATION FILE

VEHICLE TYPE	DESCRIPTION
1	In-state standard and compact passenger cars
2	In-state subcompact passenger cars
3	Out-of-state standard and compact passenger cars
4	Out-of-state subcompact passenger cars
5	Pickup trucks
6	2-axle, 4-tire trucks greater than 1 ton
7	2-axle, 6-tire trucks
8	3-axle single-unit trucks
9	4-axle single-unit trucks
10	3-axle combinations: tractor and semi-trailer
11	4-axle combinations: tractor and semi-trailer
12	5-axle combinations: tractor and semi-trailer
13	6-axle combinations: tractor and semi-trailer
14	7-axle combinations: tractor and semi-trailer
15	8-axle combinations: tractor and semi-trailer
16	5-axle combinations: tractor and semi-trailer plus full trailer
17	6-axle combinations: tractor and semi-trailer plus full trailer
18	4-axle combinations: tractor plus full trailer
19	5-axle combinations: tractor plus full trailer
20	Commercial buses
21	School and other buses
22	Motorcycles
23	Coal Trucks (Trucks counted here are also counted in one of the categories above)

TABLE 2. FORMATS OF DATA RECORDS AND HEADER RECORDS OF VEHICLE CLASSIFICATION FILE AS RECEIVED FROM DIVISION OF SYSTEMS PLANNING (NOW DIVISION OF PROJECT DEVELOPMENT)

COLUMNS	DESCRIPTION
'99' HEADER RECORDS	
1-3	County number (Counties arranged alphabetically, 1-120)
4-6	Station ID
7	Direction of Traffic Flow
8-9	Year of count
10-12	Route prefix
13-16	Route number
17	Route suffix
18-19	Highway District
20-21	Highway system -- federal
22-23	Highway system -- state
24-25	Highway system -- functional classification
26-31	Highway weight limit
32-37	Average daily traffic (ADT)
38-39	Year of ADT count in previous field
40	Season of count
41-49	Unknown fields; not used in this analysis
50-55	Milepost at which station is located
56-57	Urban-rural indicator
58-76	Blank
77	Serial number code
78-79	Card serial number (Always = 99 for these cards)
'98' HEADER RECORDS	
1-3	County number (Counties arranged alphabetically, 1-120)
4-6	Station ID
7	Direction of Traffic Flow
8-9	Year of count
10-76	Location description (Verbal description)
77	Serial number code
78-79	Card serial number (Always = 98 for these cards)
DATA RECORDS	
1-3	County number (Counties arranged alphabetically, 1-120)
4-6	Station ID
7	Direction of Traffic Flow
8-9	Year of count
10-11	Month of count
12-13	Day of count
14-15	Hour of day of count
16-19	Number of vehicles of type 1*
20-23	Number of vehicles of type 2
24-27	Number of vehicles of type 3
28-31	Number of vehicles of type 4
32-34	Number of vehicles of type 5
35-37	Number of vehicles of type 6
38-40	Number of vehicles of type 7
41-43	Number of vehicles of type 8
44-46	Number of vehicles of type 9
47-49	Number of vehicles of type 10
50-52	Number of vehicles of type 11
53-55	Number of vehicles of type 12
56-57	Number of vehicles of type 13
58-59	Number of vehicles of type 14
60-61	Number of vehicles of type 15
62-63	Number of vehicles of type 16
64-65	Number of vehicles of type 17
66-67	Number of vehicles of type 18
68-69	Number of vehicles of type 19
70-71	Number of vehicles of type 20
72-73	Number of vehicles of type 21
74-75	Number of vehicles of type 22
76-77	Number of vehicles of type 23
78-79	Card serial number

* For an explanation of vehicle type codes, see Table 1.

TABLE 3. FINAL FORMAT OF '99' HEADER RECORDS

COLUMNS	DESCRIPTION
1-3	County number (Counties arranged alphabetically, 1-120)
4-6	Station ID
7	Direction of Traffic Flow
8-9	Year of count
10-12	Route prefix
13-16	Route number
17	Route suffix
18-19	Highway district
20-21	Federal aid designated way
22-23	Administrative classification
24-25	Functional classification
26-31	Highway weight limit
32-37	Average daily traffic (ADT)
38-39	Year of ADT count in previous field
40	Season of count
41-49	Unknown fields; not used in analysis
50-55	Milepost at which station is located
56-57	Federal aid urban area
58-59	Number of through lanes
60	Population group
61-76	Blank
77	Serial number code
78-79	Card serial number (Always = 99 for these cards)

TABLE 4. EXPLANATIONS OF VARIOUS CODES
ON VC HEADER RECORDS

FEDERAL AID DESIGNATED WAY

1. Federal aid interstate
2. Other federal aid primary
3. Federal aid urban
4. Federal aid secondary
8. Non-federal-aid

ADMINISTRATIVE CLASSIFICATION

1. Primary
2. State secondary
3. Local (county or city)
4. State property service road
5. Rural secondary -- maintained
6. Unclassified -- maintained

FUNCTIONAL CLASSIFICATION

1. Interstate (rural)
2. Principal arterial (rural)
6. Minor arterial (rural)
7. Major collector (rural)
8. Minor collector (rural)
9. Local (rural)
11. Interstate (urban)
12. Freeways and expressways (urban)
14. Principal arterial (urban)
16. Minor arterial (urban)
17. Collector (urban)
19. Local (urban)

FEDERAL AID URBAN AREA

1. Rural
2. Small Urban
3. Urbanized

POPULATION GROUP

0. Unknown or rural area
1. Under 2,500
2. 2,500 to 4,999
3. 5,000 to 24,999
4. 25,000 to 49,999
5. 50,000 to 99,999
6. 100,000 to 199,999
7. 200,000 to 499,999
8. 500,000 to 1,999,999
9. 2,000,000 and over

TABLE 5. METHOD OF COMBINING 22 VEHICLE
TYPES INTO 5 BASIC TYPES

BASIC VEHICLE TYPE	VEHICLE TYPES INCLUDED*
Passenger car	1-5
Single-unit truck	6-9
Combination truck	10-19
Bus	20-21
Motorcycle	22

* For an explanation of vehicle types,
see Table 1.

TABLE 6. VEHICLE TYPE DISTRIBUTION BY NUMBER OF LANES -- RURAL (5 BASIC VEHICLE TYPES)

----1976----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	----	----	----	----	----	----	----	----	----	----	0	----
2	430,341	87.7	38,688	7.9	17,861	3.6	1,582	0.3	2,271	0.5	490,743	100.0
3	----	----	----	----	----	----	----	----	----	----	0	----
4	15,422	83.9	1,721	9.3	1,193	6.5	34	0.2	18	0.1	18,388	100.0
5	408,210	74.8	27,647	5.1	107,228	19.6	1,603	0.3	1,336	0.2	546,024	100.0
6	----	----	----	----	----	----	----	----	----	----	0	----
ALL TYPES	853,973	80.9	68,056	6.5	126,282	12.0	3,219	0.3	3625	0.3	1,055,155	100.0

----1977----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	130	81.8	19	11.9	----	----	6	3.8	4	2.5	159	100.0
2	476,137	87.6	42,951	7.9	19,187	3.5	3,051	0.6	2,245	0.4	543,571	100.0
3	----	----	----	----	----	----	----	----	----	----	0	----
4	38,336	85.4	3,301	7.4	3,018	6.7	109	0.2	154	0.3	44,918	100.0
5	313,942	74.1	20,944	4.9	86,779	20.5	1,324	0.3	905	0.2	423,894	100.0
6	10,123	78.5	1,070	8.3	1,651	12.8	12	0.1	41	0.3	12,897	100.0
ALL TYPES	838,668	81.8	68,285	6.7	110,635	10.8	4,502	0.4	3,349	0.3	1,025,439	100.0

----1978----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	----	----	----	----	----	----	----	----	----	----	0	----
2	545,064	87.5	51,053	8.2	22,209	3.5	2,286	0.4	2,297	0.4	622,909	100.0
3	----	----	----	----	----	----	----	----	----	----	0	----
4	77,459	82.0	7,889	8.3	8,702	9.2	167	0.2	250	0.3	94,467	100.0
5	409,117	71.8	31,913	5.6	125,821	22.1	1,509	0.2	1,571	0.3	569,931	100.0
6	----	----	----	----	----	----	----	----	----	----	0	----
ALL TYPES	1,031,640	80.1	90,855	7.1	156,732	12.2	3,962	0.3	4,118	0.3	1,287,307	100.0

----ALL THREE YEARS----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	130	81.8	19	11.9	0	0.0	6	3.8	4	2.5	159	100.0
2	1,451,542	87.6	132,692	8.0	59,257	3.6	6,919	0.4	6,813	0.4	1,657,223	100.0
3	----	----	----	----	----	----	----	----	----	----	0	----
4	131,217	83.2	12,911	8.2	12,913	8.2	310	0.2	422	0.2	157,773	100.0
5	1,131,269	73.5	80,504	5.2	319,828	20.8	4,436	0.3	3,812	0.2	1,539,849	100.0
6	10,123	78.5	1,070	8.3	1,651	12.8	12	0.1	41	0.3	12,897	100.0
ALL TYPES	2,724,281	80.9	227,196	6.7	393,649	11.7	11,683	0.4	11,092	0.3	3,367,901	100.0

* EXPLANATION OF HWY TYPES

- 1 -- ONE-LANE ROADS
- 2 -- TWO-LANE ROADS
- 3 -- THREE-LANE ROADS
- 4 -- FOUR-LANE ROADS (NOT INTERSTATE OR PARKWAY)
- 5 -- INTERSTATES
- 6 -- PARKWAYS (TOLL-ROAD)

TABLE 7. VEHICLE TYPE DISTRIBUTION BY NUMBER OF LANES -- URBAN (5 BASIC VEHICLE TYPES)

----1976----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
11	----	----	----	----	----	----	----	----	----	----	0	----
12	21,730	95.3	842	3.7	142	0.6	51	0.2	47	0.2	22,812	100.0
13	----	----	----	----	----	----	----	----	----	----	0	----
14	110,740	93.2	4,638	3.9	2,297	1.9	675	0.6	478	0.4	118,828	100.0
15	105,840	86.9	5,504	4.5	9,945	8.2	181	0.2	270	0.2	121,740	100.0
16	----	----	----	----	----	----	----	----	----	----	0	----
ALL TYPES	238,310	90.5	10,984	4.2	12,384	4.7	907	0.3	795	0.3	263,380	100.0

----1977----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
11	----	----	----	----	----	----	----	----	----	----	0	----
12	57,170	94.7	2,103	3.5	400	0.7	412	0.7	269	0.4	60,354	100.0
13	----	----	----	----	----	----	----	----	----	----	0	----
14	140,874	94.0	4,787	3.2	2,221	1.5	986	0.7	947	0.6	149,815	100.0
15	73,228	83.4	3,285	3.7	10,985	12.5	278	0.3	67	0.1	87,843	100.0
16	----	----	----	----	----	----	----	----	----	----	0	----
ALL TYPES	271,272	91.0	10,175	3.4	13,606	4.6	1,676	0.6	1,283	0.4	298,012	100.0

----1978----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
11	----	----	----	----	----	----	----	----	----	----	0	----
12	84,116	93.2	4,101	4.5	1,636	1.8	120	0.1	329	0.4	90,302	100.0
13	----	----	----	----	----	----	----	----	----	----	0	----
14	274,764	94.2	10,442	3.6	3,831	1.3	1,304	0.5	1,221	0.4	291,562	100.0
15	241,792	88.2	12,401	4.5	18,488	6.8	666	0.2	680	0.3	274,027	100.0
16	4,059	83.2	271	5.6	516	10.6	2	0.0	31	0.6	4,879	100.0
ALL TYPES	604,731	91.5	27,215	4.1	24,471	3.7	2,092	0.3	2,261	0.4	660,770	100.0

----ALL THREE YEARS----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
11	----	----	----	----	----	----	----	----	----	----	0	----
12	163,016	94.0	7,046	4.1	2,178	1.2	583	0.3	645	0.4	173,468	100.0
13	----	----	----	----	----	----	----	----	----	----	0	----
14	526,378	94.0	19,867	3.5	8,349	1.5	2,965	0.5	2,646	0.5	560,205	100.0
15	420,860	87.0	21,190	4.4	39,418	8.2	1,125	0.2	1,017	0.2	483,610	100.0
16	4,059	83.2	271	5.6	516	10.6	2	0.0	31	0.6	4,879	100.0
ALL TYPES	1,114,313	91.2	48,374	4.0	50,461	4.1	4,675	0.4	4,339	0.3	1,222,162	100.0

* EXPLANATION OF HWY TYPES

- 11 -- ONE-LANE
- 12 -- TWO-LANE
- 13 -- THREE-LANE
- 14 -- FOUR-LANE (NOT INTERSTATE OR PARKWAY)
- 15 -- INTERSTATES
- 16 -- PARKWAYS (TOLL-ROADS)

TABLE 8. VEHICLE TYPE DISTRIBUTION BY FUNCTIONAL CLASSIFICATION (5 BASIC VEHICLE TYPES)

----1976----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	408,210	74.8	27,647	5.1	107,228	19.6	1,603	0.3	1,336	0.2	546,024	100.0
2	73,481	86.0	6,576	7.7	4,850	5.7	238	0.3	236	0.3	85,381	100.0
6	137,410	85.9	12,258	7.7	8,972	5.6	628	0.4	582	0.4	159,850	100.0
7	191,576	89.4	16,583	7.8	4,317	2.0	614	0.3	1,120	0.5	214,210	100.0
8	36,610	87.1	4,417	10.5	619	1.5	102	0.2	295	0.7	42,043	100.0
9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
11	105,840	86.9	5,504	4.5	9,945	8.2	181	0.2	270	0.2	121,740	100.0
12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
14	56,457	91.2	2,957	4.8	1,688	2.7	435	0.7	348	0.6	61,885	100.0
16	67,146	94.4	2,588	3.6	974	1.4	219	0.3	199	0.3	71,126	100.0
17	15,553	95.6	510	3.1	73	0.4	106	0.7	34	0.2	16,276	100.0
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
ALL TYPES	1,092,283	82.9	79,040	6.0	138,666	10.5	4,126	0.3	4,420	0.3	1,318,535	100.0

----1977----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	313,942	74.1	20,944	4.9	86,779	20.5	1,324	0.3	905	0.2	423,894	100.0
2	165,123	85.7	14,977	7.8	11,651	6.0	433	0.2	600	0.3	192,784	100.0
6	136,487	86.1	12,671	8.0	7,692	4.8	1,272	0.8	475	0.3	158,597	100.0
7	155,924	88.6	14,323	8.1	3,743	2.1	1,190	0.7	941	0.5	176,121	100.0
8	46,725	90.7	3,881	7.5	289	0.6	238	0.5	372	0.7	51,505	100.0
9	20,467	90.8	1,489	6.6	481	2.1	45	0.2	56	0.3	22,538	100.0
11	73,228	83.4	3,285	3.7	10,985	12.5	278	0.3	67	0.1	87,843	100.0
12	16,234	94.5	579	3.4	187	1.1	11	0.1	162	0.9	17,173	100.0
14	104,917	93.2	3,849	3.4	2,103	1.9	866	0.8	750	0.7	112,485	100.0
16	58,719	95.3	1,979	3.2	266	0.4	432	0.7	250	0.4	61,646	100.0
17	18,174	96.3	483	2.6	65	0.3	89	0.5	54	0.3	18,865	100.0
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
ALL TYPES	1,109,940	83.9	78,460	5.9	124,241	9.4	6,178	0.5	4,632	0.3	1,323,451	100.0

----1978----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	409,117	71.8	31,913	5.6	125,821	22.1	1,509	0.2	1,571	0.3	569,931	100.0
2	141,741	83.4	14,125	8.3	13,216	7.8	490	0.3	335	0.2	169,907	100.0
6	192,285	86.9	17,314	7.8	10,159	4.6	841	0.4	654	0.3	221,253	100.0
7	236,290	88.4	22,165	8.3	6,554	2.5	952	0.4	1,181	0.4	267,142	100.0
8	44,732	88.3	4,604	9.1	849	1.7	161	0.3	293	0.6	50,639	100.0
9	8,508	88.5	834	8.7	167	1.7	15	0.2	85	0.9	9,609	100.0
11	241,792	88.2	12,401	4.5	18,488	6.8	666	0.2	680	0.3	274,027	100.0
12	54,644	91.2	2,894	4.8	1,953	3.3	70	0.1	339	0.6	59,900	100.0
14	135,009	93.3	5,230	3.6	2,883	2.0	941	0.6	722	0.5	144,785	100.0
16	121,510	95.0	4,873	3.8	893	0.7	194	0.2	382	0.3	127,852	100.0
17	50,743	95.7	1,717	3.2	220	0.4	215	0.4	137	0.3	53,032	100.0
19	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
ALL TYPES	1,636,371	84.0	118,070	6.1	181,203	9.3	6,054	0.3	6,379	0.3	1,948,077	100.0

(CONTINUED ON FOLLOWING PAGE)

TABLE 8. (CON.)

----ALL THREE YEARS----

HWY. TYPE*	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	1,131,269	73.5	80,504	5.2	319,828	20.8	4,436	0.3	3,812	0.2	1,539,849	100.0
2	380,345	84.9	35,678	8.0	29,717	6.6	1,161	0.2	1,171	0.3	448,072	100.0
6	466,182	86.4	42,243	7.8	26,823	5.0	2,741	0.5	1,711	0.3	539,700	100.0
7	583,790	88.8	53,071	8.1	14,614	2.2	2,756	0.4	3,242	0.5	657,473	100.0
8	128,067	88.8	12,902	9.0	1,757	1.2	501	0.3	960	0.7	144,187	100.0
9	28,975	90.1	2,323	7.2	648	2.0	60	0.2	141	0.5	32,147	100.0
11	420,860	87.0	21,190	4.4	39,418	8.2	1,125	0.2	1,017	0.2	483,610	100.0
12	70,878	92.0	3,473	4.5	2,140	2.8	81	0.1	501	0.6	77,073	100.0
14	296,383	92.8	12,036	3.8	6,674	2.1	2,242	0.7	1,820	0.6	319,155	100.0
16	247,375	94.9	9,440	3.6	2,133	0.8	845	0.4	831	0.3	260,624	100.0
17	84,470	95.8	2,710	3.1	358	0.4	410	0.5	225	0.2	88,173	100.0
19	-----	-----	-----	---	-----	----	-----	---	-----	---	0	-----
ALL TYPES	3,838,594	83.6	275,570	6.0	444,110	9.7	16,358	0.4	15,431	0.3	4,590,063	100.0

* FOR EXPLANATION OF HIGHWAY TYPES SEE TABLE 4.

TABLE 9. VEHICLE TYPE DISTRIBUTION BY ADMINISTRATIVE CLASSIFICATION (5 BASIC VEHICLE TYPES)

----1976----												
VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	776,941	80.1	55,488	5.7	131,609	13.6	2,756	0.3	2,762	0.3	969,556	100.0
2	228,169	90.3	16,695	6.6	5,832	2.3	749	0.3	1,166	0.5	252,611	100.0
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
5	54,074	89.4	5,410	8.9	456	0.8	202	0.3	338	0.6	60,480	100.0
6	33,099	92.2	1,447	4.0	769	2.2	419	1.2	154	0.4	35,888	100.0
ALL TYPES	1,092,283	82.9	79,040	6.0	138,666	10.5	4,126	0.3	4,420	0.3	1,318,535	100.0
----1977----												
VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	777,297	81.2	54,887	5.7	118,294	12.4	3,461	0.4	2,843	0.3	956,782	100.0
2	216,145	89.4	17,654	7.3	5,274	2.2	1,568	0.6	1,224	0.5	241,865	100.0
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
5	65,888	91.8	4,524	6.3	556	0.8	378	0.5	442	0.6	71,788	100.0
6	50,610	95.5	1,395	2.6	117	0.2	771	1.5	123	0.2	53,016	100.0
ALL TYPES	1,109,940	83.9	78,460	5.9	124,241	9.4	6,178	0.5	4,632	0.3	1,323,451	100.0
----1978----												
VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	1,182,705	81.6	86,018	5.9	171,701	11.9	3,719	0.3	4,379	0.3	1,448,522	100.0
2	312,423	89.7	25,009	7.2	8,472	2.4	1,100	0.3	1,416	0.4	348,420	100.0
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
5	103,265	93.1	5,895	5.3	941	0.9	380	0.3	497	0.4	110,978	100.0
6	37,978	94.6	1,148	2.9	89	0.2	855	2.1	87	0.2	40,157	100.0
ALL TYPES	1,636,371	84.0	118,070	6.1	181,203	9.3	6,054	0.3	6,379	0.3	1,948,077	100.0
----ALL THREE YEARS----												
VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	2,736,943	81.1	196,393	5.8	421,604	12.5	9,936	0.3	9,984	0.3	3,374,860	100.0
2	756,737	89.8	59,358	7.0	19,578	2.3	3,417	0.4	3,806	0.5	842,896	100.0
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	0	-----
5	223,227	91.8	15,829	6.5	2,953	0.8	960	0.4	1,277	0.5	243,246	100.0
6	121,687	94.3	3,990	3.1	975	0.7	2,045	1.6	364	0.3	129,061	100.0
ALL TYPES	3,838,594	83.6	275,570	6.0	444,110	9.7	16,358	0.4	15,431	0.3	4,590,063	100.0

* FOR EXPLANATION OF HWY TYPES SEE TABLE 4.

TABLE 10. VEHICLE TYPE DISTRIBUTION BY FEDERAL-AID DESIGNATED WAY (5 BASIC VEHICLE TYPES)

----1976----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	514,050	77.0	33,151	5.0	117,173	17.5	1,784	0.3	1,606	0.2	667,764	100.0
2	263,060	87.2	21,289	7.1	14,841	4.9	1,262	0.4	1,166	0.4	301,618	100.0
3	82,699	94.6	3,098	3.5	1,047	1.2	325	0.4	233	0.3	87,402	100.0
4	195,864	89.1	17,085	7.8	4,986	2.3	653	0.3	1,120	0.5	219,708	100.0
8	36,610	87.1	4,417	10.5	619	1.5	102	0.2	295	0.7	42,043	100.0
ALL TYPES	1,092,283	82.9	79,040	6.0	138,666	10.5	4,126	0.3	4,420	0.3	1,318,535	100.0

----1977----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	387,170	75.7	24,229	4.7	97,764	19.1	1,602	0.3	972	0.2	511,737	100.0
2	420,970	88.0	31,858	6.7	20,828	4.4	2,529	0.5	2,005	0.4	478,190	100.0
3	76,893	95.5	2,462	3.1	331	0.4	521	0.6	304	0.4	80,511	100.0
4	162,041	88.1	15,029	8.2	4,697	2.5	1,243	0.7	953	0.5	183,963	100.0
8	62,866	91.0	4,882	7.1	621	0.9	283	0.4	398	0.6	69,050	100.0
ALL TYPES	1,109,940	83.9	78,460	5.9	124,241	9.4	6,178	0.5	4,632	0.3	1,323,451	100.0

----1978----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	650,909	77.1	44,314	5.2	144,309	17.1	2,175	0.3	2,251	0.3	843,958	100.0
2	517,425	88.0	38,870	6.6	27,201	4.6	2,281	0.4	2,045	0.4	587,822	100.0
3	172,253	95.2	6,590	3.7	1,113	0.6	409	0.2	519	0.3	180,884	100.0
4	242,544	88.1	22,858	8.3	7,564	2.8	1,013	0.4	1,186	0.4	275,165	100.0
8	53,240	88.4	5,438	9.0	1,016	1.7	176	0.3	378	0.6	60,248	100.0
ALL TYPES	1,636,371	84.0	118,070	6.1	181,203	9.3	6,054	0.3	6,379	0.3	1,948,077	100.0

----ALL THREE YEARS----

VEH TYPE-->	PASSENGER CAR		SINGLE UNIT TRUCK		COMBINATION TRUCK		BUS		MOTORCYCLE		TOTAL VEHICLES	
	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.	NUM.	PCNT.
1	1,552,129	76.7	101,694	5.0	359,246	17.8	5,561	0.3	4,829	0.2	2,023,459	100.0
2	1,201,455	87.9	92,017	6.7	62,870	4.6	6,072	0.4	5,216	0.4	1,367,630	100.0
3	331,845	95.1	12,150	3.5	2,491	0.7	1,255	0.4	1,056	0.3	348,797	100.0
4	600,449	88.5	54,972	8.1	17,247	2.5	2,909	0.4	3,259	0.5	678,836	100.0
8	152,716	89.1	14,737	8.6	2,256	1.3	561	0.4	1,070	0.6	171,341	100.0
ALL TYPES	3,838,594	83.6	275,570	6.0	444,110	9.7	16,358	0.4	15,431	0.3	4,590,063	100.0

* FOR EXPLANATION OF HWY TYPES SEE TABLE 4.

TABLE 11. VEHICLE TYPE DISTRIBUTION BY FUNCTIONAL CLASSIFICATION (ALL VEHICLE TYPES)

----ALL THREE YEARS----

VEH. TYPE**	FUNCTIONAL CLASSIFICATION												19	ALL
	1	2	6	7	8	9	11	12	14	16	17			
1	355,812 23.1	204,609 41.9	265,484 49.2	349,458 53.2	74,871 51.9	17,205 53.5	142,348 34.6	29,273 38.0	170,241 53.3	166,096 63.7	51,448 58.3	-----	1,826,845 40.4	
2	65,785 4.3	31,491 6.5	32,011 5.9	37,774 5.7	9,096 6.3	2,127 6.6	30,449 7.4	5,321 6.9	45,059 14.1	28,979 11.1	12,811 14.5	-----	300,903 6.7	
3	480,606 31.2	37,662 7.7	39,507 7.3	27,099 4.1	4,051 2.8	1,478 4.6	104,762 25.5	22,155 28.7	25,954 8.1	5,975 2.3	7,212 8.2	-----	756,461 16.7	
4	67,848 4.4	4,895 1.0	4,764 0.9	3,318 0.5	361 0.3	106 0.3	28,658 7.0	2,569 3.3	8,458 2.7	1,145 0.4	2,578 2.9	-----	124,700 2.8	
5	161,218 10.5	101,688 20.8	124,416 23.1	166,141 25.3	39,688 27.5	8,059 25.1	50,471 12.3	11,560 15.0	46,671 14.6	45,180 17.3	10,421 11.8	-----	765,513 16.9	
6	8,289 0.5	2,081 0.4	4,500 0.8	6,719 1.0	1,348 0.9	112 0.3	4,653 1.1	215 0.3	1,089 0.3	920 0.4	351 0.4	-----	30,277 0.7	
7	60,570 3.9	23,506 4.8	27,992 5.2	33,175 5.0	6,950 4.8	1,550 4.8	11,380 2.8	2,449 3.2	7,996 2.5	6,457 2.5	2,069 2.3	-----	184,094 4.0	
8	9,116 0.6	8,131 1.7	8,547 1.6	11,290 1.7	4,276 3.0	572 1.8	2,041 0.5	553 0.7	1,973 0.6	1,270 0.5	280 0.3	-----	48,049 1.1	
9	2,529 0.2	1,960 0.4	1,204 0.2	1,887 0.3	328 0.2	89 0.3	865 0.2	256 0.3	978 0.3	793 0.3	10 0.0	-----	10,899 0.2	
10	8,912 0.6	843 0.2	936 0.2	693 0.1	94 0.1	14 0.0	1,066 0.3	88 0.1	365 0.1	303 0.1	99 0.1	-----	13,413 0.3	
11	30,571 2.0	2,094 0.4	2,240 0.4	1,221 0.2	156 0.1	52 0.2	3,604 0.9	316 0.4	576 0.2	485 0.2	63 0.1	-----	41,378 0.9	
12	276,089 17.9	26,114 5.4	23,068 4.3	11,850 1.8	1,388 1.0	566 1.8	28,409 6.9	1,690 2.2	5,541 1.7	1,293 0.5	192 0.2	-----	376,200 8.3	
13	2,084 0.1	484 0.1	390 0.1	421 0.1	18 0.0	14 0.0	180 0.0	35 0.0	103 0.0	27 0.0	3 0.0	-----	3,759 0.1	
14	143 0.0	38 0.0	8 0.0	10 0.0	0 0.0	0 0.0	6 0.0	4 0.0	6 0.0	0 0.0	0 0.0	-----	215 0.0	
15	71 0.0	12 0.0	4 0.0	3 0.0	1 0.0	0 0.0	5 0.0	0 0.0	2 0.0	2 0.0	0 0.0	-----	100 0.0	
16	1,127 0.1	39 0.0	23 0.0	112 0.0	6 0.0	0 0.0	117 0.0	1 0.0	49 0.0	3 0.0	1 0.0	-----	1,478 0.0	
17	62 0.0	7 0.0	2 0.0	1 0.0	3 0.0	0 0.0	23 0.0	0 0.0	1 0.0	0 0.0	0 0.0	-----	99 0.0	
18	678 0.0	65 0.0	96 0.0	234 0.0	75 0.0	1 0.0	35 0.0	6 0.0	24 0.0	11 0.0	0 0.0	-----	1,225 0.0	
19	91 0.0	21 0.0	56 0.0	69 0.0	16 0.0	1 0.0	26 0.0	0 0.0	7 0.0	9 0.0	0 0.0	-----	296 0.0	
20	3,123 0.2	361 0.1	659 0.1	510 0.1	25 0.0	6 0.0	383 0.1	34 0.0	1,546 0.5	133 0.1	113 0.1	-----	6,893 0.2	
21	1,313 0.1	800 0.2	2,082 0.4	2,246 0.3	476 0.3	54 0.2	514 0.1	47 0.1	696 0.2	712 0.3	297 0.3	-----	9,237 0.2	
22	3,812 0.2	1,171 0.2	1,711 0.3	3,242 0.5	960 0.7	141 0.4	1,015 0.2	501 0.7	1,820 0.6	831 0.3	225 0.3	-----	15,429 0.3	
ALL TYPES	1,539,849 100.0	448,072 100.0	539,700 100.0	657,473 100.0	144,187 100.0	32,147 100.0	411,010 100.0	77,073 100.0	319,155 100.0	260,624 100.0	88,173 100.0	0	4,517,463 100.0	

* FOR EXPLANATION OF FUNCTIONAL CLASSIFICATION CODES, SEE TABLE 4.

** FOR EXPLANATION OF VEHICLE TYPE CODES, SEE TABLE 1.

TABLE 12. VEHICLE TYPE DISTRIBUTION BY ADMINISTRATIVE CLASSIFICATION
(ALL VEHICLE TYPES)

----ALL THREE YEARS----

VEH. TYPE**	ADMINISTRATIVE CLASSIFICATION						
	1	2	3	4	5	6	ALL
1(number) (pcent.)	1,172,785 35.5	442,542 52.5	-----	-----	133,866 55.0	77,652 60.2	1,826,845 40.4
2	199,834 6.1	56,278 6.7	-----	-----	22,851 9.4	21,940 17.0	300,903 6.7
3	689,238 20.9	52,037 6.2	-----	-----	10,992 4.5	4,194 3.2	756,461 16.7
4	114,056 3.5	6,188 0.7	-----	-----	2,953 1.2	1,503 1.2	124,700 2.8
5	496,858 15.0	199,692 23.7	-----	-----	52,565 21.6	16,398 12.7	765,513 16.9
6	21,350 0.6	6,645 0.8	-----	-----	1,853 0.8	429 0.3	30,277 0.7
7	134,086 4.1	37,589 4.5	-----	-----	9,471 3.9	2,948 2.3	184,094 4.1
8	30,807 0.9	12,586 1.5	-----	-----	4,102 1.7	554 0.4	48,049 1.1
9	7,899 0.2	2,538 0.3	-----	-----	403 0.2	59 0.0	10,899 0.2
10	12,184 0.4	872 0.1	-----	-----	229 0.1	128 0.1	13,413 0.3
11	39,281 1.2	1,530 0.2	-----	-----	299 0.1	268 0.2	41,378 0.9
12	357,999 10.8	16,315 1.9	-----	-----	1,310 0.5	576 0.4	376,200 8.3
13	3,299 0.1	427 0.1	-----	-----	31 0.0	2 0.0	3,759 0.1
14	207 0.0	7 0.0	-----	-----	1 0.0	0 0.0	215 0.0
15	96 0.0	1 0.0	-----	-----	3 0.0	0 0.0	100 0.0
16	1,360 0.0	113 0.0	-----	-----	5 0.0	0 0.0	1,478 0.0
17	95 0.0	1 0.0	-----	-----	3 0.0	0 0.0	99 0.0
18	941 0.0	228 0.0	-----	-----	56 0.0	0 0.0	1,225 0.0
19	195 0.0	84 0.0	-----	-----	16 0.0	1 0.0	296 0.0
20	4,778 0.1	499 0.1	-----	-----	132 0.0	1,484 1.1	6,893 0.2
21	4,930 0.1	2,918 0.3	-----	-----	828 0.3	561 0.4	9,237 0.2
22	9,982 0.3	3,806 0.5	-----	-----	1,277 0.5	364 0.3	15,429 0.3
ALL TYPES	3,302,260 100.0	842,896 100.0	0 -----	0 -----	243,246 100.0	129,061 100.0	4,517,463 100.0

* For explanation of Administrative Classification codes, see Table 4.

** For explanation of Vehicle Type codes, see Table 1.

TABLE 13. VEHICLE TYPE DISTRIBUTION BY FEDERAL-AID DESIGNATED WAY
(ALL VEHICLE TYPES)

----ALL THREE YEARS----

VEH. TYPE**	FEDERAL-AID DESIGNATED WAY					
	1	2	3	4	8	ALL
1 (number) (pcnt.)	498,160 25.5	663,345 48.5	217,544 62.4	358,086 52.8	89,710 52.4	1,826,845 40.4
2	96,234 4.9	112,395 8.2	41,790 12.0	39,615 5.8	10,869 6.3	300,903 6.7
3	585,368 30.0	124,676 9.1	13,187 3.8	28,303 4.2	4,927 2.9	756,461 16.7
4	96,506 4.9	20,517 1.5	3,723 1.1	3,538 0.5	416 0.2	124,700 2.8
5	211,689 10.8	280,522 20.5	55,601 15.9	170,907 25.2	46,794 27.3	765,513 16.9
6	12,942 0.7	7,855 0.6	1,271 0.4	6,791 1.0	1,418 0.8	30,277 0.7
7	71,950 3.7	60,877 4.5	8,526 2.4	34,506 5.1	8,225 4.8	184,094 4.1
8	11,157 0.6	18,929 1.4	1,550 0.4	11,728 1.7	4,685 2.7	48,049 1.1
9	3,394 0.2	4,346 0.3	803 0.2	1,947 0.3	409 0.2	10,899 0.2
10	9,978 0.6	2,205 0.2	402 0.1	723 0.1	105 0.1	13,413 0.3
11	34,175 1.7	5,064 0.4	548 0.2	1,401 0.2	190 0.1	41,378 0.9
12	304,498 15.6	54,112 4.0	1,485 0.4	14,276 2.1	1,829 1.1	376,200 8.3
13	2,264 0.1	1,013 0.1	30 0.0	422 0.1	30 0.0	3,759 0.1
14	149 0.0	56 0.0	0 0.0	10 0.0	0 0.0	215 0.0
15	76 0.0	18 0.0	2 0.0	3 0.0	1 0.0	100 0.0
16	1,244 0.1	112 0.0	4 0.0	112 0.0	6 0.0	1,478 0.0
17	85 0.0	10 0.0	0 0.0	1 0.0	3 0.0	99 0.0
18	713 0.0	198 0.0	11 0.0	227 0.0	76 0.0	1,225 0.0
19	117 0.0	82 0.0	9 0.0	72 0.0	16 0.0	296 0.0
20	3,506 0.2	2,589 0.2	246 0.1	521 0.1	31 0.0	6,893 0.2
21	1,827 0.1	3,483 0.3	1,009 0.3	2,388 0.4	530 0.3	9,237 0.2
22	4,827 0.2	5,216 0.4	1,056 0.3	3,259 0.5	1,071 0.6	15,429 0.3
All Types	1,950,859 100.0	1,367,630 100.0	348,797 100.0	678,836 100.0	171,341 100.0	4,517,463 100.0

* For explanation of Federal Aid Designated Way codes, see Table 4.

** For explanation of Vehicle Type codes, see Table 1.

TABLE 14. VEHICLE TYPE DISTRIBUTION BY HOUR OF DAY (ALL VEHICLE TYPES)

----ALL THREE YEARS----

VEH. TYPE*	HOUR OF DAY												(CONT: ON NI PAGE
	12 MID TO 1AM	1AM TO 2AM	2AM TO 3AM	3AM TO 4AM	4AM TO 5AM	5AM TO 6AM	6AM TO 7	7AM TO 8AM	8AM TO 9AM	9AM TO 10	10AM TO 11	11AM TO 12 NOON	
1	12,835 26.2	8,449 22.1	6,222 19.2	5,315 17.9	5,969 19.0	10,954 25.9	73,757 42.3	100,714 42.5	96,495 40.1	96,936 38.2	102,668 37.8	110,888 38.4	
2	2,701 5.5	1,816 4.7	1,086 3.3	915 3.1	1,090 3.5	2,074 4.9	13,541 7.8	21,215 9.0	17,079 7.1	14,222 5.6	14,056 5.2	15,655 5.4	
3	9,211 18.8	6,810 17.8	5,809 17.9	5,064 17.1	5,098 16.3	6,819 16.1	17,775 10.2	27,792 11.7	35,852 14.9	44,263 17.5	53,116 19.6	58,728 20.4	
4	1,873 3.8	1,420 3.7	1,032 3.2	920 3.1	919 2.9	1,055 2.5	3,075 1.8	6,018 2.5	5,217 2.2	5,541 2.2	6,409 2.4	7,433 2.6	
5	4,708 9.6	3,195 8.3	2,596 8.0	2,348 7.9	2,976 9.5	5,765 13.6	40,411 23.2	47,284 20.0	44,471 18.5	46,584 18.4	48,150 17.7	48,845 16.9	
6	389 0.8	279 0.7	200 0.6	186 0.6	231 0.7	358 0.8	1,095 0.6	1,487 0.6	1,780 0.7	2,058 0.8	1,920 0.7	2,031 0.7	
7	1,266 2.6	1,082 2.8	934 2.9	899 3.0	995 3.2	1,481 3.5	6,025 3.5	9,672 4.1	13,879 5.8	14,965 5.9	15,154 5.6	14,778 5.1	
8	211 0.4	162 0.4	130 0.4	139 0.5	209 0.7	256 0.6	2,030 1.2	2,720 1.1	3,788 1.6	4,193 1.7	4,479 1.7	4,228 1.5	
9	24 0.0	30 0.1	19 0.1	27 0.1	37 0.1	67 0.2	318 0.2	615 0.3	842 0.3	954 0.4	986 0.4	962 0.3	
10	478 1.0	409 1.1	393 1.2	389 1.3	395 1.3	389 0.9	401 0.2	574 0.2	647 0.3	687 0.3	691 0.3	783 0.3	
11	1,157 2.4	1,161 3.0	1,125 3.5	1,073 3.6	1,097 3.5	1,118 2.6	1,282 0.7	1,592 0.7	1,961 0.8	2,842 1.1	2,316 0.9	2,409 0.8	
12	13,641 27.9	13,136 34.3	12,569 38.7	12,087 40.7	11,959 38.2	11,557 27.4	13,460 7.7	14,711 6.2	16,566 6.9	18,351 7.2	19,415 7.2	19,545 6.8	
13	42 0.1	31 0.1	32 0.1	36 0.1	32 0.1	31 0.1	108 0.1	133 0.1	212 0.1	319 0.1	269 0.1	271 0.1	
14	0 0.0	0 0.0	0 0.0	0 0.0	1 0.0	1 0.0	6 0.0	10 0.0	15 0.0	19 0.0	16 0.0	25 0.0	
15	1 0.0	1 0.0	0 0.0	0 0.0	2 0.0	3 0.0	3 0.0	3 0.0	7 0.0	8 0.0	12 0.0	5 0.0	
16	66 0.1	39 0.1	43 0.1	51 0.2	91 0.3	45 0.1	61 0.0	64 0.0	50 0.0	52 0.0	73 0.0	75 0.0	
17	8 0.0	8 0.0	7 0.0	2 0.0	3 0.0	3 0.0	1 0.0	4 0.0	2 0.0	1 0.0	2 0.0	8 0.0	
18	7 0.0	6 0.0	8 0.0	14 0.0	7 0.0	6 0.0	21 0.0	51 0.0	62 0.0	68 0.0	64 0.0	77 0.0	
19	2 0.0	5 0.0	1 0.0	1 0.0	1 0.0	5 0.0	5 0.0	9 0.0	21 0.0	25 0.0	18 0.0	12 0.0	
20	176 0.3	145 0.4	169 0.5	136 0.5	165 0.5	159 0.4	328 0.2	375 0.2	334 0.1	392 0.2	371 0.1	338 0.1	
21	34 0.1	25 0.1	17 0.0	20 0.1	13 0.0	21 0.0	448 0.3	1,330 0.6	1,049 0.4	474 0.2	371 0.1	372 0.1	
22	118 0.2	72 0.2	50 0.2	45 0.2	47 0.2	68 0.2	353 0.2	593 0.3	450 0.2	524 0.2	716 0.3	934 0.3	
ALL TYPES	48,948 100.0	38,281 100.0	32,442 100.0	29,667 100.0	31,337 100.0	42,235 100.0	174,504 100.0	236,966 100.0	240,779 100.0	253,478 100.0	271,272 100.0	288,402 100.0	

* FOR EXPLANATION OF VEHICLE TYPE CODES, SEE TABLE 1.

TABLE 14 (CON.)

----ALL THREE YEARS----

HOUR OF DAY													
VEH. TYPE*	12 NOON TO 1PM	1PM TO 2PM	2PM TO 3PM	3PM TO 4PM	4PM TO 5PM	5PM TO 6PM	6PM TO 7PM	7PM TO 8PM	8PM TO 9PM	9PM TO 10	10PM TO 11PM	11PM TO 12 MID	ALL HOURS
1	118,040 39.4	115,259 39.2	119,296 40.1	139,960 41.7	156,653 43.1	144,025 44.7	111,887 45.3	90,348 45.5	75,228 45.5	67,030 46.2	32,654 37.8	25,263 34.4	1,826,845 40.4
2	17,511 5.8	16,630 5.7	17,553 5.9	23,261 6.9	25,588 7.0	30,881 9.6	18,884 7.7	15,002 7.5	12,131 7.3	10,730 7.4	6,940 8.0	5,712 7.8	300,903 6.7
3	59,749 19.9	58,740 20.0	56,610 19.0	58,868 17.5	57,219 15.7	51,682 16.0	37,791 15.3	29,594 14.9	23,621 14.3	19,795 13.6	14,150 16.4	12,305 16.7	756,461 16.7
4	9,079 3.0	7,571 2.6	8,012 2.7	8,727 2.6	16,863 4.6	9,657 3.0	6,351 2.6	5,116 2.6	3,996 2.4	3,405 2.3	2,585 3.0	2,426 3.3	124,700 2.8
5	49,686 16.6	49,420 16.8	50,730 17.0	59,405 17.7	65,472 18.0	55,071 17.1	41,517 16.8	31,628 15.9	25,673 15.5	21,527 14.8	9,843 11.4	8,208 11.2	765,513 16.9
6	1,979 0.7	2,195 0.7	2,129 0.7	2,218 0.7	3,107 0.9	1,789 0.6	1,408 0.6	1,043 0.5	958 0.6	709 0.5	380 0.4	348 0.5	30,277 0.7
7	13,977 4.7	14,759 5.0	14,390 4.8	14,355 4.3	12,723 3.5	9,698 3.0	6,937 2.8	5,170 2.6	4,137 2.5	3,262 2.2	2,031 2.3	1,525 2.1	184,094 4.1
8	4,038 1.3	4,161 1.4	4,029 1.4	3,928 1.2	2,919 0.8	2,278 0.7	1,402 0.6	966 0.5	771 0.5	477 0.3	280 0.3	255 0.3	48,049 1.1
9	918 0.3	951 0.3	991 0.3	918 0.3	781 0.2	590 0.2	342 0.1	182 0.1	126 0.1	100 0.1	66 0.1	53 0.1	10,899 0.2
10	639 0.2	733 0.2	710 0.2	721 0.2	690 0.2	607 0.2	542 0.2	528 0.3	481 0.3	468 0.3	533 0.6	525 0.7	13,413 0.3
11	2,336 0.8	2,321 0.8	2,312 0.8	2,256 0.7	2,051 0.6	2,070 0.6	1,798 0.7	1,525 0.8	1,442 0.9	1,312 0.9	1,444 1.7	1,378 1.9	41,378 0.9
12	19,264 6.4	18,898 6.4	17,920 6.0	17,722 5.3	16,717 4.6	16,825 5.2	15,780 6.4	15,827 8.0	15,340 9.3	15,151 10.4	14,864 17.2	14,895 20.3	376,200 8.3
13	258 0.1	262 0.1	295 0.1	271 0.1	257 0.1	222 0.1	200 0.1	152 0.1	124 0.1	80 0.1	63 0.1	59 0.1	3,759 0.1
14	18 0.0	17 0.0	13 0.0	24 0.0	18 0.0	11 0.0	8 0.0	5 0.0	3 0.0	3 0.0	1 0.0	1 0.0	215 0.0
15	11 0.0	8 0.0	7 0.0	12 0.0	9 0.0	1 0.0	4 0.0	1 0.0	1 0.0	0 0.0	0 0.0	1 0.0	100 0.0
16	77 0.0	75 0.0	58 0.0	62 0.0	82 0.0	47 0.0	47 0.0	53 0.0	61 0.0	33 0.0	81 0.1	92 0.1	1,478 0.0
17	3 0.0	6 0.0	7 0.0	6 0.0	2 0.0	7 0.0	2 0.0	3 0.0	1 0.0	1 0.0	6 0.0	6 0.0	99 0.0
18	106 0.0	112 0.0	99 0.0	87 0.0	95 0.0	92 0.0	80 0.0	60 0.0	50 0.0	24 0.0	15 0.0	14 0.0	1,225 0.0
19	14 0.0	19 0.0	15 0.0	16 0.0	22 0.0	33 0.0	16 0.0	14 0.0	12 0.0	6 0.0	20 0.0	4 0.0	296 0.0
20	370 0.1	305 0.1	405 0.1	420 0.1	443 0.1	427 0.1	341 0.1	260 0.1	219 0.1	234 0.2	197 0.2	184 0.3	6,893 0.2
21	372 0.1	477 0.2	942 0.3	1,484 0.4	654 0.2	302 0.1	269 0.1	171 0.1	138 0.1	130 0.1	60 0.1	64 0.1	9,237 0.2
22	1,081 0.4	1,119 0.4	1,144 0.4	1,285 0.4	1,312 0.4	1,331 0.4	1,225 0.5	1,108 0.6	858 0.5	591 0.4	220 0.3	185 0.3	15,429 0.3
ALL TYPES	299,526 100.0	294,038 100.0	297,667 100.0	336,006 100.0	363,677 100.0	322,256 100.0	246,831 100.0	198,756 100.0	165,371 100.0	145,068 100.0	86,453 100.0	73,503 100.0	4,517,463 100.0

* FOR EXPLANATION OF VEHICLE TYPE CODES, SEE TABLE 1.



TABLE 15. VEHICLE TYPE DISTRIBUTION BY DAY OF WEEK (ALL VEHICLE TYPES)

----ALL THREE YEARS----

VEH. TYPE*	DAY OF WEEK							ALL DAYS
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
1	4,244 37.6	300,590 41.2	432,697 40.0	401,951 40.7	438,164 39.7	246,288 41.0	2,911 46.2	1,826,845 40.4
2	658 5.8	48,142 6.6	72,206 6.7	68,289 6.9	74,633 6.8	36,514 6.1	461 7.3	300,903 6.7
3	2,119 18.8	127,290 17.5	180,420 16.7	155,484 15.8	193,991 17.6	96,876 16.1	281 4.5	756,461 16.7
4	316 2.8	30,167 4.1	27,911 2.6	22,661 2.3	29,141 2.6	14,463 2.4	41 0.7	124,700 2.8
5	2,293 20.3	117,340 16.1	185,736 17.2	165,598 16.8	182,379 16.5	110,370 18.4	1,797 28.5	765,513 16.9
6	69 0.6	5,402 0.7	6,543 0.6	6,856 0.7	7,167 0.6	4,228 0.7	12 0.2	30,277 0.7
7	513 4.6	24,746 3.4	43,577 4.0	39,464 4.0	47,651 4.3	27,846 4.6	297 4.7	184,094 4.1
8	138 1.2	5,273 0.7	11,494 1.1	10,784 1.1	12,542 1.1	7,604 1.3	214 3.4	48,049 1.1
9	7 0.1	1,200 0.2	2,966 0.3	2,461 0.2	2,703 0.2	1,550 0.3	12 0.2	10,899 0.2
10	22 0.2	2,068 0.3	3,194 0.3	3,100 0.3	3,251 0.3	1,776 0.3	2 0.0	13,413 0.3
11	90 0.8	6,293 0.9	10,064 0.3	9,975 1.0	9,961 0.9	4,988 0.8	7 0.1	41,378 0.9
12	783 6.9	54,964 7.5	94,574 8.8	90,811 9.2	92,265 8.4	42,605 7.1	198 3.1	376,200 8.3
13	5 0.0	483 0.1	889 0.1	1,081 0.1	904 0.1	390 0.1	7 0.1	3,759 0.1
14	1 0.0	29 0.0	53 0.0	50 0.0	57 0.0	24 0.0	1 0.0	215 0.0
15	1 0.0	13 0.0	19 0.0	19 0.0	32 0.0	16 0.0	0 0.0	100 0.0
16	5 0.0	196 0.0	367 0.0	346 0.0	345 0.0	219 0.0	0 0.0	1,478 0.0
17	0 0.0	6 0.0	29 0.0	23 0.0	24 0.0	17 0.0	0 0.0	99 0.0
18	0 0.0	165 0.0	366 0.0	345 0.0	255 0.0	94 0.0	0 0.0	1,225 0.0
19	1 0.0	39 0.0	86 0.0	86 0.0	54 0.0	30 0.0	0 0.0	296 0.0
20	15 0.1	896 0.1	1,604 0.1	1,721 0.2	1,780 0.2	874 0.1	3 0.1	6,893 0.2
21	8 0.1	1,076 0.1	2,063 0.2	2,056 0.2	2,275 0.2	1,746 0.3	13 0.2	9,237 0.2
22	35 0.3	2,990 0.4	3,905 0.4	3,271 0.3	3,455 0.3	1,735 0.3	38 0.6	15,429 0.3
All Types	11,273 100.0	729,368 100.0	1,080,763 100.0	986,432 100.0	1,103,029 100.0	600,253 100.0	6,295 100.0	4,517,413 100.0

* For explanation of Vehicle Type codes, see Table 1.

TABLE 16. VEHICLE TYPE DISTRIBUTION BY MONTH OF YEAR (ALL VEHICLE TYPES)

----ALL THREE YEARS----

VEH TYPE*	MONTH OF YEAR												ALL P
	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	
1	29,909 25.3	66,311 36.1	140,846 49.1	66,556 25.4	147,610 41.1	340,993 40.9	323,989 43.6	334,947 46.1	116,097 37.0	80,824 26.0	133,139 46.1	45,624 49.6	1,881
2	6,754 5.7	14,562 7.9	39,587 13.8	15,603 5.9	27,152 7.6	41,556 5.0	35,755 4.8	42,896 5.9	22,684 7.2	15,683 5.0	29,699 10.3	8,972 9.7	30
3	29,083 24.6	30,184 16.4	27,785 9.7	73,426 28.0	56,052 15.6	147,653 17.7	121,284 16.3	92,038 12.7	58,891 18.8	81,778 26.3	30,012 10.4	8,275 8.9	71
4	4,525 3.8	4,827 2.6	7,596 2.6	10,710 4.1	9,845 2.7	20,416 2.5	15,094 2.0	22,998 3.1	11,073 3.5	10,684 3.4	4,959 1.7	1,973 2.1	18
5	13,636 11.5	26,773 14.6	43,916 15.3	32,213 12.3	60,105 16.7	150,556 18.1	144,014 19.4	134,370 18.5	51,631 16.5	39,294 12.7	51,369 17.8	17,636 19.2	76
6	338 0.3	512 0.3	745 0.2	566 0.2	1,507 0.4	7,012 0.8	8,099 1.1	5,878 0.8	1,805 0.6	2,353 0.7	1,049 0.4	413 0.4	3
7	5,546 4.7	8,272 4.5	9,485 3.3	11,242 4.3	14,105 3.9	33,894 4.1	31,238 4.2	28,838 3.9	12,134 3.9	14,079 4.5	11,967 4.1	3,294 3.6	18
8	986 0.8	1,582 0.9	2,155 0.7	1,865 0.7	2,921 0.8	9,873 1.2	9,254 1.2	10,190 1.4	2,772 0.9	2,636 0.8	3,126 1.1	719 0.8	4
9	116 0.09	623 0.3	647 0.2	498 0.2	741 0.2	1,914 0.2	1,703 0.2	2,295 0.3	717 0.2	348 0.1	1,168 0.4	129 0.1	1
10	797 0.7	883 0.5	493 0.2	1,455 0.5	1,190 0.3	1,131 0.1	1,486 0.2	1,618 0.2	1,128 0.3	1,482 0.5	642 0.2	108 0.1	3
11	2,813 2.4	2,835 1.5	1,173 0.4	4,783 1.8	3,294 0.9	6,294 0.8	3,632 0.5	4,038 0.5	3,909 1.2	6,347 2.0	1,817 0.6	443 0.5	6
12	22,952 19.4	25,186 13.7	9,272 3.2	41,309 15.8	30,892 8.6	63,343 7.6	41,612 5.6	40,047 5.5	26,866 8.6	52,233 16.8	18,550 6.4	3,938 4.3	37
13	118 0.09	167 0.09	91 0.03	408 0.1	300 0.08	875 0.1	474 0.06	484 0.06	208 0.06	421 0.1	180 0.06	33 0.04	
14	10 0.0	9 0.0	5 0.0	35 0.01	14 0.0	41 0.0	35 0.0	24 0.0	6 0.0	32 0.01	4 0.0	0 0.0	
15	3 0.0	7 0.0	2 0.0	15 0.0	13 0.0	12 0.0	8 0.0	15 0.0	2 0.0	20 0.0	3 0.0	0 0.0	
16	106 0.08	105 0.06	36 0.01	197 0.07	160 0.04	244 0.03	99 0.01	116 0.01	142 0.04	194 0.06	59 0.02	20 0.02	
17	3 0.0	4 0.0	1 0.0	6 0.0	7 0.0	31 0.0	6 0.0	18 0.0	18 0.0	5 0.0	0 0.0	0 0.0	
18	1 0.0	0 0.0	0 0.0	3 0.0	38 0.01	380 0.05	330 0.04	387 0.05	55 0.01	26 0.0	2 0.0	3 0.0	
19	1 0.0	5 0.0	0 0.0	1 0.0	16 0.0	77 0.01	70 0.0	72 0.0	32 0.0	18 0.0	2 0.0	2 0.0	
20	277 0.2	338 0.2	1,400 0.5	520 0.2	593 0.2	885 0.1	569 0.07	540 0.07	408 0.1	658 0.2	602 0.2	103 0.1	
21	144 0.1	335 0.2	864 0.3	345 0.1	1,127 0.3	829 0.1	663 0.08	1,913 0.3	1,235 0.4	743 0.2	813 0.3	226 0.2	
22	7 0.0	29 0.02	792 0.3	355 0.1	1,228 0.3	3,929 0.5	3,761 0.5	3,104 0.4	1,617 0.5	413 0.1	148 0.05	46 0.05	1
ALL TYPES	118,125 100.0	183,549 100.0	286,891 100.0	262,111 100.0	358,910 100.0	832,913 100.0	743,175 100.0	726,826 100.0	313,430 100.0	310,271 100.0	288,950 100.0	91,957 100.0	4,511

* FOR EXPLANATION OF VEHICLE TYPE CODES, SEE TABLE 1.

APPENDIX

ERRORS DETECTED IN VEHICLE CLASSIFICATION DATA

TABLE A-1. ERRORS FOUND WHILE FILLING EMPTY DATA FIELDS

YR.	CO.	STA.	DESCRIPTION OF ERROR FOUND	CORRECTIVE ACTION TAKEN
76	032	250	For dir=5, mlpst is blank	filled in mlpst=13.750
76	038	003	Route = KY00094	deleted one zero(KY0094)
76	038	056	Route = KY00125	deleted one zero
76	042	298	Route = KY00094	deleted one zero
76	042	029	Route = KY00131	deleted one zero
76	045	E22	Route and Mlpst are blank	Deleted this.*
76	053	773	Route = US00051	deleted one zero
76	053	254	Route = KY00307	deleted one zero
76	056	LU2	Route is blank	Filled in route = KY1631
76	063	547	For dir=5, mlpst is blank	filled in mlpst=33.000
76	070	753	Route = KY00135	deleted one zero
76	072	773	Route = US00062	deleted one zero
76	085	764	For dir=5, mlpst is wrong	mlpst = 4.300
76	100	P32	Route = US0127 (wrong)	Route = US0027
76	106	P19	Route and mlpst are blank	Deleted this.*
76	114	LU6	Route = US031WB (wrong)	Route = US0031W
76	118	771	For dir=5, route =I 0750	Route = I0075
77	013	256	Route=KY0746 (wrong) and mlpst=11.746 (wrong)	Route=KY0476, and mlpst=11.446
77	025	501	Route and Mlpst are blank	Filled in route=KY0627, and mlpst=3.600
77	025	509	Mlpst=6.094 not on SMT**	None
77	027	256	Route=KY0783 (wrong)	Route=KY0738
77	033	751	Mlpst=6.000 not on SMT	None
77	055	750	Mlpst=9.550 not on SMT	None
77	057	006	Mlpst=15.303 not on SMT	None
77	058	279	Mlpst=4.110 not on SMT	None
77	065	006	Mlpst=6.687 not on SMT	None
77	066	764	Mlpst=14.476 not on SMT	None
77	068	007	Mlpst=15.283 not on SMT	None
77	070	503	Route=KY0701 (wrong)	Route=KY0070
77	071	P38	Route=KY0080 (wrong)	Route=US0068
77	074	L53	Route=US0127 (wrong)	Route=US0027
77	106	P19	Route and Mlpst are blank	Deleted this.*
78	008	767	Mlpst=0.600 not on SMT	None
78	009	014	Mlpst=11.000 not on SMT	None
78	018	A19	Route and Mlpst are blank	Deleted this.*
78	026	002	Mlpst=16.450 not on SMT	None
78	056	M38	Mlpst=0.400 not on SMT	None
78	071	P38	Route=KY0080 (wrong)	Route=US0068
78	073	A51	Route is blank	Filled in route=US0045
78	100	A25	Route is blank	Filled in route=KY0039
78	100	B38	Mlpst=20.300 not on SMT	None
78	106	P19	Route and Mlpst are blank	Deleted this.*

* Data for county or local roads were not wanted for these analyses.
 ** Statewide Mileage Tape

TABLE A-2. ERRORS FOUND WHILE RUNNING SUMMARY PROGRAM

YR.	CO.	STA.	DESCRIPTION OF ERROR FOUND	CORRECTIVE ACTION TAKEN
76	071	P38	For direction=7, data cards have sta.=038.	Changed sta. to P38 on these data cards.
76	074	259	All data cards have dir.=3	Changed direction to 7 on 2nd, 4th, 6th, etc. data cards.
76	114	267	Duplicate header cards. Four '98' cards and four '99' cards, all with serial number codes =1.	Changed the serial number code from 1 to 2 on four of the header cards (two '98' and two '99')
76	118	771	Header cards with no data	Deleted this.
77	052	L59	Duplicate header cards for dir.=1 and ser. no. code =1	Deleted one header card
77	063	LA4	Apparent keypunch error. Some data have L43 for station and some have LA4, resulting in separation of data.	Changed station number from L43 to LA4, where appropriate.
77	071	P38	Data card serial numbers run from 25 to 42 (1-24 missing) Also, serial number codes are not correct.	Changed all serial number codes to 1 on header cards. Also, for programming purposes, changed the two '25' serial numbers to '01'.
77	076	592	Data cards numbered improperly.	Renumbered by matching up hours of day.
78	021	L59	County should be 52. This error caused this section of data to be separated from corresponding data.	Changed county to 52. Moved data to proper location.
78	036	P43	Header cards with no data.	Deleted this.
78	092	260	Direction=3 on all data cards.	Changed direction to 7 on every other card.
78	101	LC8	Direction=3 on all data cards.	Changed direction to 7 on every other card.
78	109	269	Direction=1 on all data cards.	Changed direction to 5 on every other card.
78	114	P45	Duplicate '98' header cards for direction=1 and serial number code =1. Also, duplicate '98' header cards for direction=5 and serial number code =3.	Deleted one of each card which was duplicated.