

KIRSCHNER ASSOCIATES, INC.

DOT HS 803 354

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SAFETY BELT USAGE:  
SURVEY OF THE TRAFFIC  
POPULATION

(August, 1976 - March, 1977)

PRESENTATION CHARTS

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PURPOSE OF STUDY

To assess safety belt usage in  
cars in the traffic population.

## SURVEY METHODOLOGY - OBSERVATIONS

Safety belt usage was tracked on a continuous basis over a nine-month period by observing drivers of passenger cars as they stopped for a red light at traffic intersections. Only passenger vehicles of 1964 and later model years were observed.

For each city, these observations were conducted at a representative sampling of primary road intersections and freeway exits. Observation schedules were rotated to cover all daylight hours and all days of the week.

In each city, two observers were trained to observe and record specific information about the driver and the car. When the vehicle stopped, the observer, stationed at the right hand curb, viewed the interior of the car from the passenger side.

For each vehicle, the observer checked out the following items:

- Type of seat belt system installed (lap and shoulder combination, lap and shoulder separate, and lap belt only)
- Driver usage (lap and shoulder, lap belt only, no usage)
- Sex and approximate age of driver
- Head restraint position for driver
- License number and model of vehicle

### DATA PROCESSING METHOD

The observational data were keypunched and reported on a monthly basis. At the end of the nine-month observational period, the license plate numbers, which were recorded by observers for each car, were sent to the respective state DMV's (Department/Division of Motor Vehicles) for additional vehicle information.

The DMV's provided data on car manufacturer, model year, and vehicle identification number (VIN). These data were merged with the observational data for all 1964 and later model cars.

Using the 1977 Vindicator program to decode the VIN numbers, we were able to obtain further information regarding the actual car model and number of car doors. This information was later used to determine car style (subcompact, compact, intermediate, standard, or luxury).

Cars were verified by checking if the car make reported in the observational data matched the car make given by the DMV for that particular license number. Only verified passenger vehicles were analyzed.

The data were then analyzed by a number of variables relating to the type of car, the driver of the car, and the location of the observation. The following tables report the findings of this final analysis.

CITIES ANALYZED

Atlanta

Baltimore

Birmingham

Boston

Chicago

Dallas

Fargo - Morehead

Houston

Minneapolis - St. Paul

New York

Phoenix

Pittsburgh

San Diego

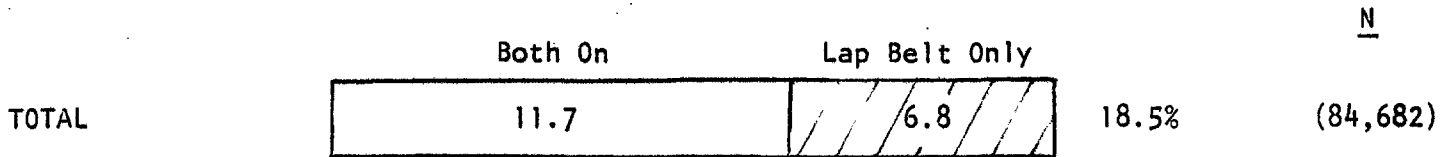
San Francisco

Seattle

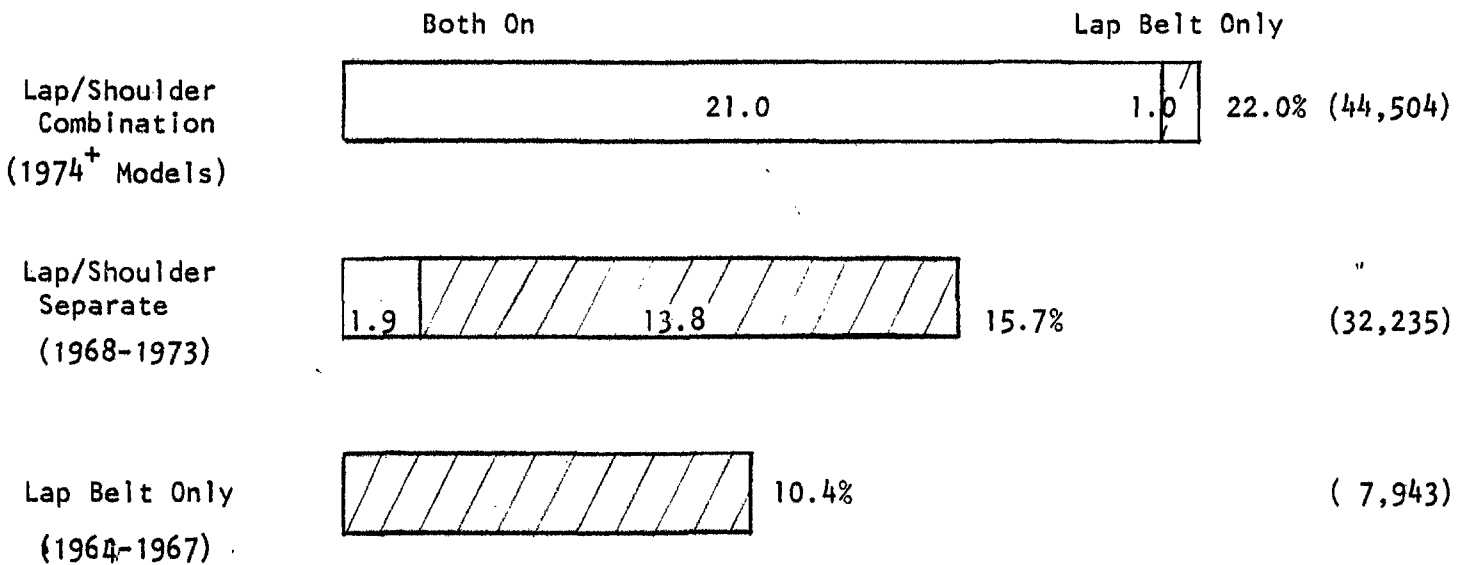
FINDINGS



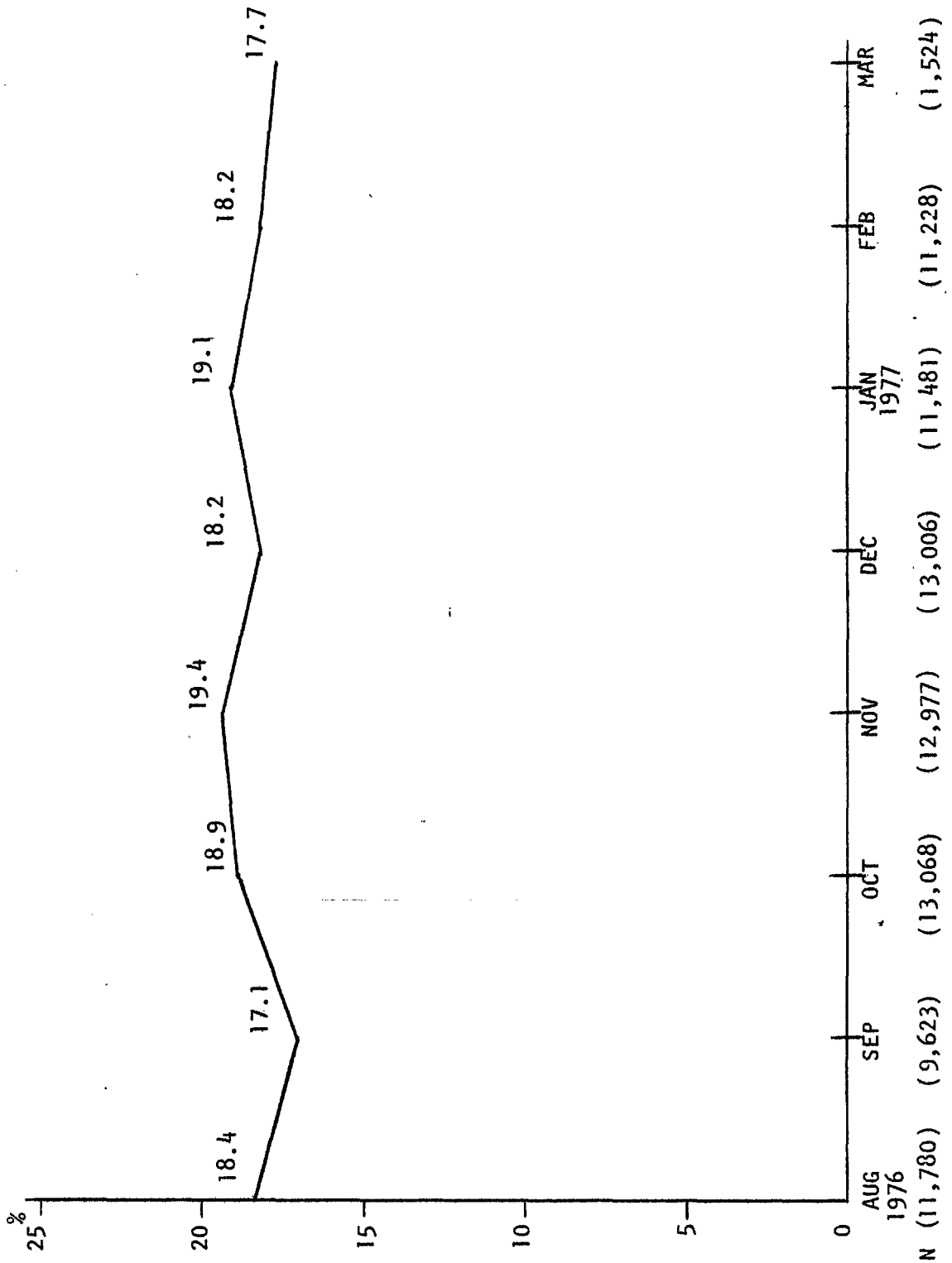
OVERALL SAFETY BELT USAGE



BY TYPE OF SAFETY BELT SYSTEM INSTALLED

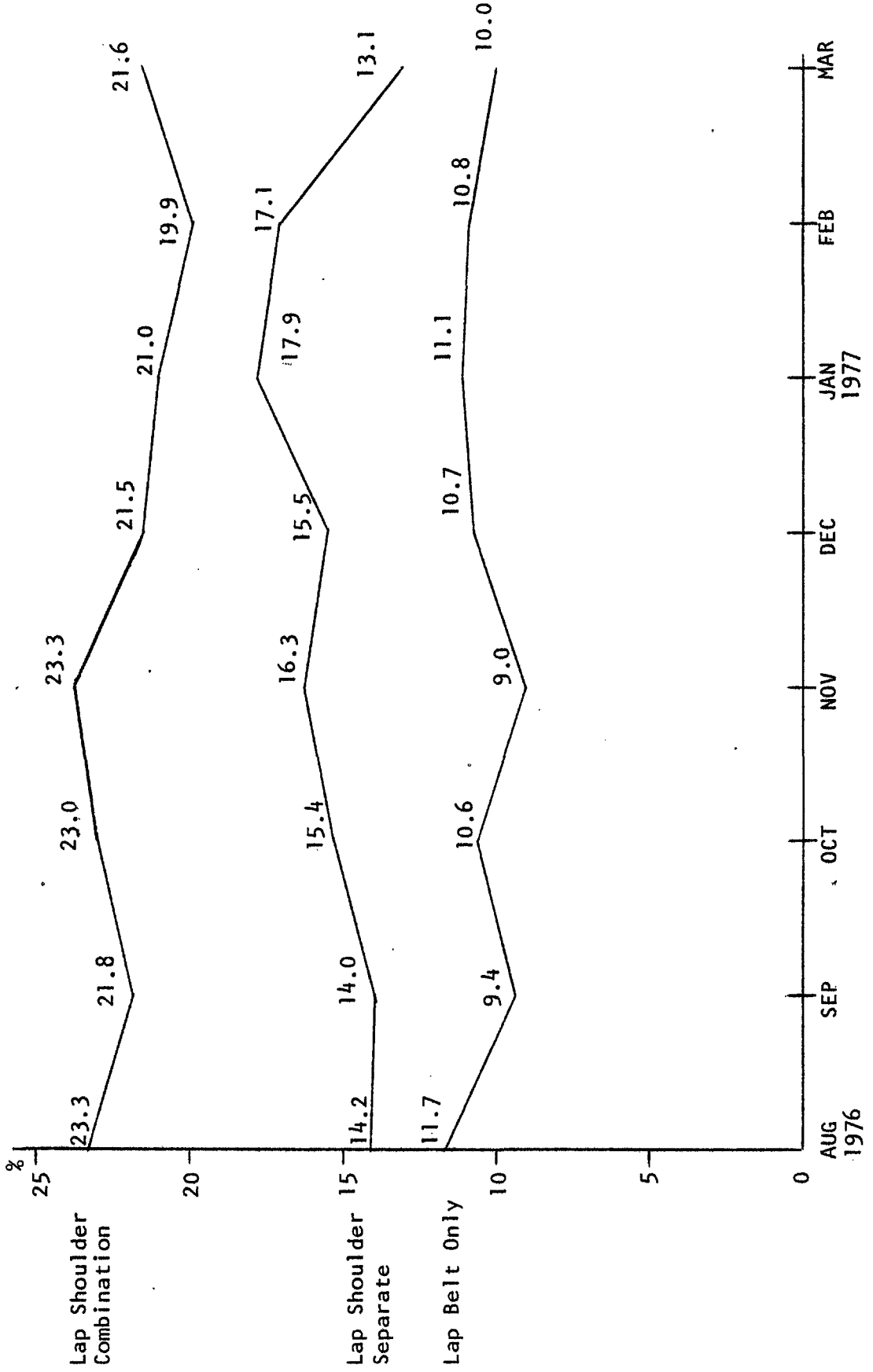


TOTAL USAGE BY MONTH

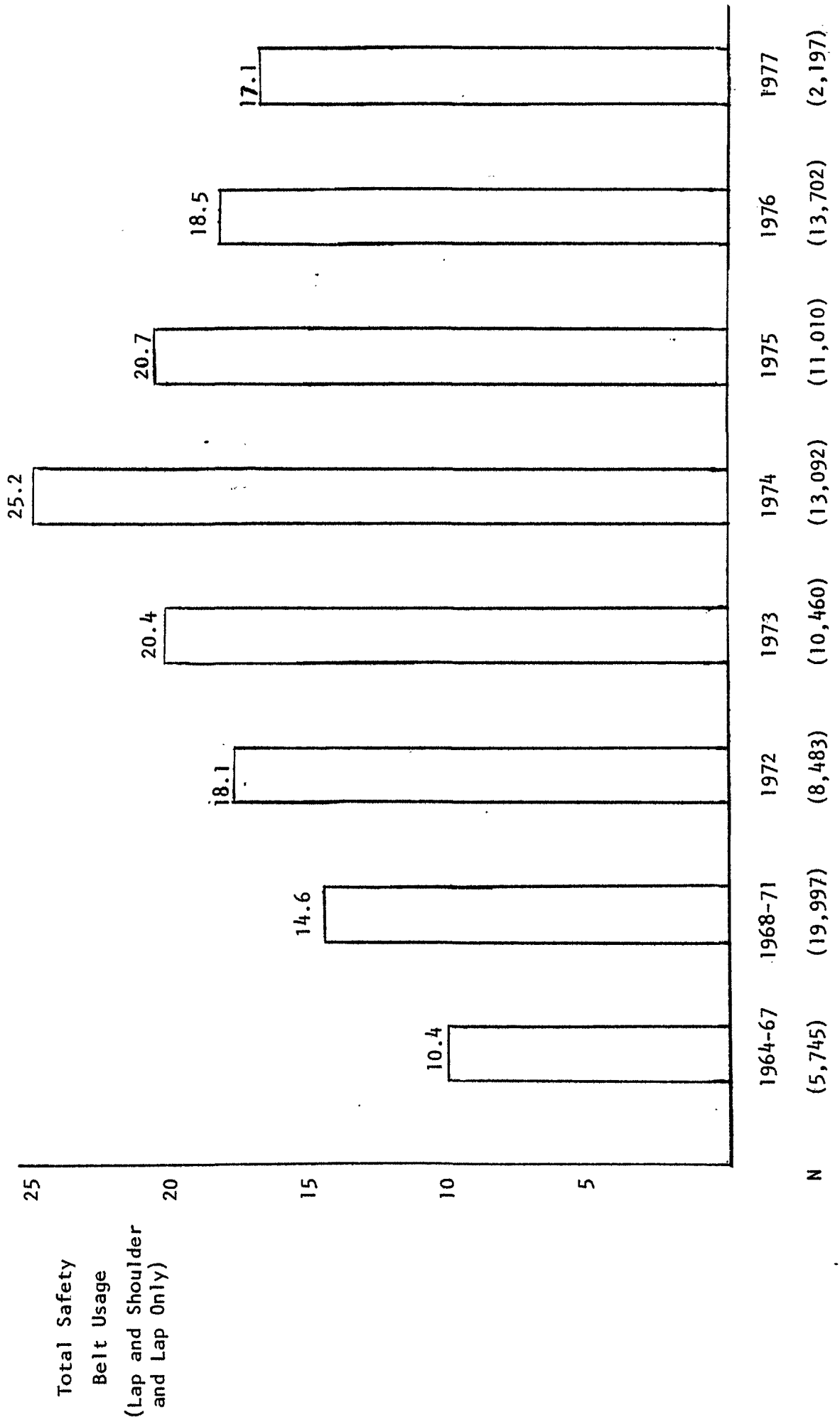


N (11,780) (9,623) (13,068) (12,977) (13,006) (11,481) (11,228) (1,524)

USAGE BY SAFETY BELT SYSTEM  
(By Month)

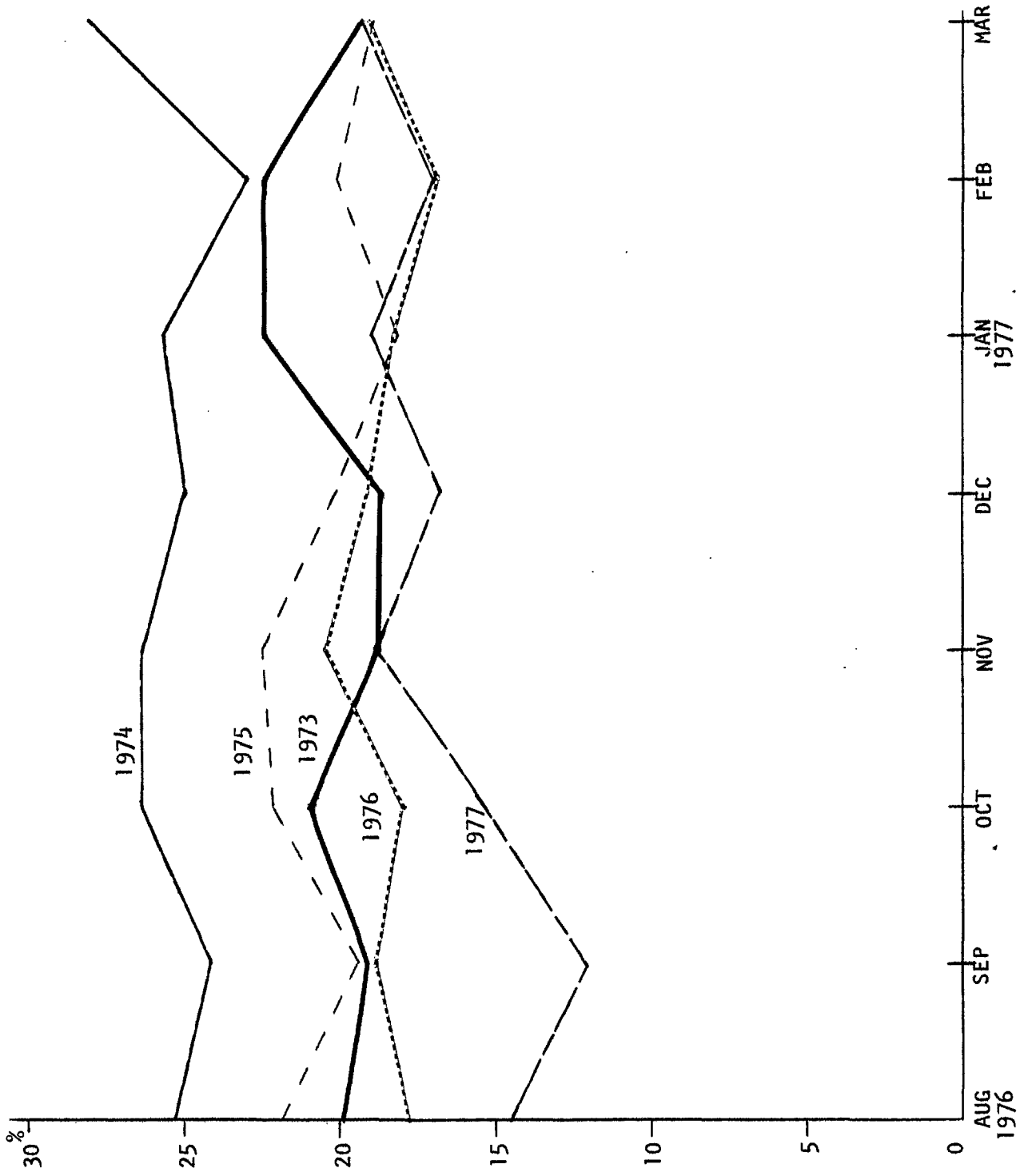


USAGE BY MODEL YEAR












N (5,745) (19,997) (8,483) (10,460) (13,092) (11,010) (13,702) (2,197)










USAGE BY MODEL YEAR  
(By Month)



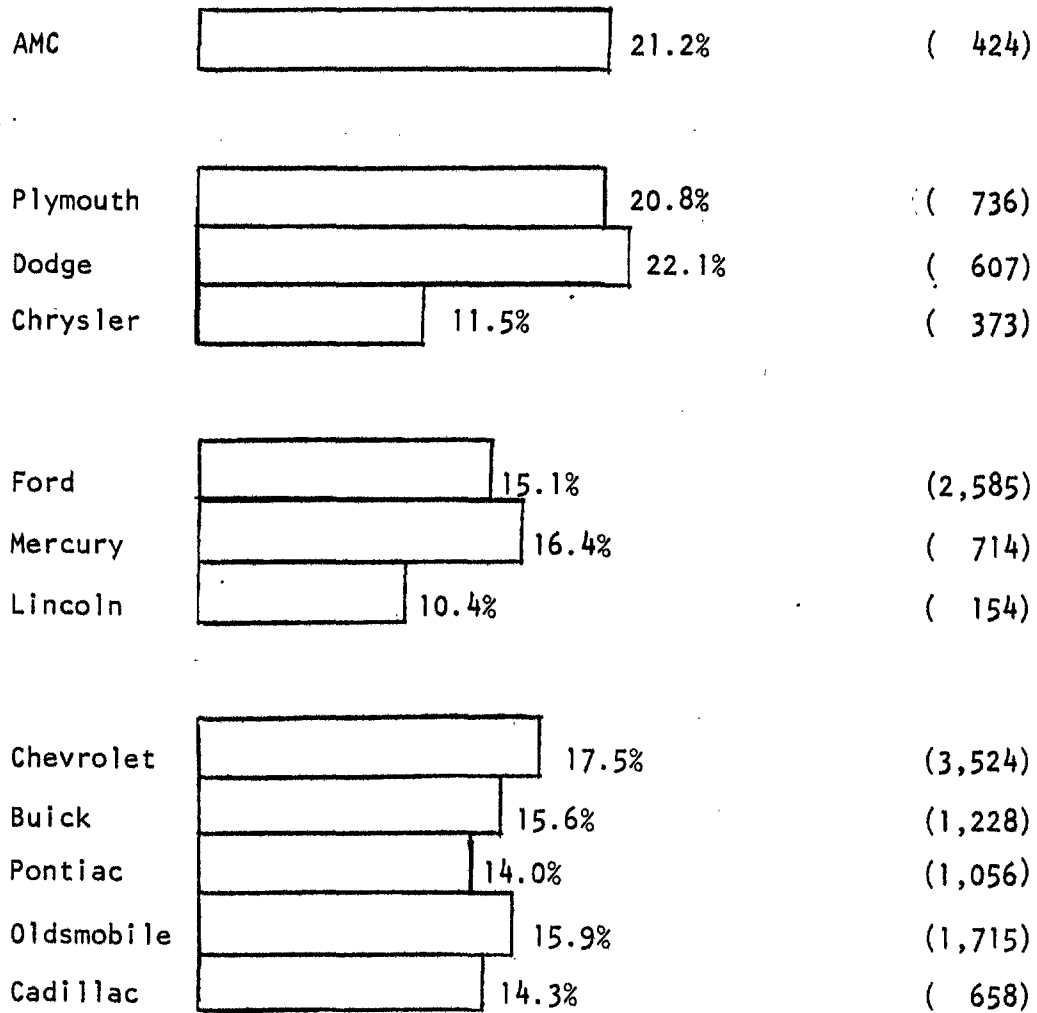
USAGE BY MANUFACTURER  
(All Model Years)

		<u>N</u>
Total	 18.5%	(84,681)
AMC	 20.3%	( 2,475)
Chrysler	 16.7%	(10,850)
Ford	 16.9%	(20,013)
General Motors	 16.4%	(38,696)
Datsun	 29.7%	( 1,876)
Toyota	 29.7%	( 2,466)
Volkswagen	 23.7%	( 4,047)
Other Foreign	 33.0%	( 4,258)

USAGE BY MANUFACTURER  
(1976 - 1977 Model Years)

		<u>N</u>
Total	 18.3%	(15,898)
AMC	 21.2%	( 424)
Chrysler	 19.2%	( 1,716)
Ford	 15.2%	( 3,453)
General Motors	 15.5%	( 8,541)
Datson	 26.1%	( 429)
Toyota	 26.3%	( 601)
Volkswagen	 37.8%	( 323)
Other Foreign	 32.6%	( 771)

USAGE BY CAR MAKE  
(1976-77 Model Years)




































USAGE BY MAJOR CAR MODELS  
(All Model Years)

<u>MODEL</u>		<u>N</u>
Volvo	44.6%	( 523)
Colt (C)	33.9%	( 266)
Toyota	33.5%	(1,654)
Volkswagen	31.4%	(1,639)
Capri (F)	31.3%	( 361)
Datsun	31.1%	(1,342)
Vega (GM)	28.4%	(1,360)
Hornet (AMC)	24.6%	( 525)
Volare (C)	24.2%	( 446)
Maverick (F)	23.6%	( 902)
Gremlin (AMC)	23.6%	( 509)
Nova (GM)	23.4%	(1,783)
Pinto (F)	23.4%	(1,821)
Mazda	23.1%	( 384)
Aspen (C)	23.0%	( 348)
Skylark (GM)	22.6%	( 398)
Omega (GM)	22.3%	( 273)
Camaro (GM)	21.8%	( 822)
Mustang (F)	21.4%	(1,075)
Monza (GM)	21.3%	( 267)
Dart (C)	20.5%	( 969)
Pacer (AMC)	19.5%	( 293)
Fury (C)	19.1%	( 341)
Impala (GM)	18.7%	(1,721)

USAGE BY MAJOR CAR MODELS (CONTINUED)  
(All Model Years)

<u>MODEL</u>			14 <u>N</u>
Delta 88 (GM)		18.7%	( 784)
Caprice (GM)		18.1%	( 856)
Chevelle (GM)		18.0%	(1,766)
Ninety-Eight (GM)		17.8%	( 482)
Valiant (C)		17.7%	(1,231)
Marquis (F)		17.7%	( 357)
Monarch (F)		17.6%	( 364)
Cutlass (G11)		17.5%	(2,302)
LTD (F)		17.5%	(1,191)
Torino (F)		17.3%	(1,388)
LeMans (G11)		16.7%	( 557)
Bonneville/ Catalina (GM)		16.5%	( 569)
LeSabre (GM)		16.2%	( 697)
Newport (C)		15.9%	( 258)
Astre (GM)		15.9%	( 107)
Firebird (GM)		15.5%	( 376)
Satellite (C)		15.4%	( 520)
Century (GM)		15.3%	(1,275)
Granada (F)		15.3%	(1,138)
Electra (GM)		15.3%	( 580)
Monte Carlo (GM)		15.2%	(1,768)
Grand Prix (GM)		15.2%	( 744)
Lincoln (F)		14.9%	( 437)
Cougar (F)		14.1%	( 396)
Cadillac (G11)		14.0%	(1,789)

USAGE BY CAR STYLE\*

			<u>N</u>
Subcompact		29.0%	( 10,099)
Compact		20.7%	( 10,441)
Intermediate		16.2%	( 11,977)
Standard		17.3%	( 8,096)
Luxury <sup>1</sup>		15.6%	( 2,903)
Luxury <sup>2</sup>		13.6%	( 1,877)

\* Includes major foreign manufacturers

<sup>1</sup> Top of Line

<sup>2</sup> Full size Cadillacs, Lincoln Continental and Chrysler Imperial

LIST OF MODELS WITHIN CAR STYLES<sup>#</sup>

Subcompact

Gremlin (AMC)  
Pacer (AMC)  
Colt (C)  
Arrow (C)  
Pinto (F)  
Bobcat (F)  
Capri (F)  
Opel (GM)  
Skyhawk (GM)  
Chevette (GM)  
Monza (GM)  
Vega (GM)  
Starfire (GM)  
Astre (GM)  
Sunbird (GM)  
Datsun  
Toyota  
Mazda  
Volkswagen  
Volvo

Compact

Hornet (AMC)  
Javelin (AMC)  
Aspen (C)  
Challenger (C)  
Dart (C)  
Barracuda (C)  
Valiant (C)  
Volare (C)  
Granada (F)  
Maverick (F)  
Mustang (F)  
Monarch (F)  
\*Skylark (GM)  
Camaro (GM)  
Corvette (GM)  
Nova (GM)  
Omega (GM)  
Firebird (GM)

Intermediate

Matador (AMC)  
Cordoba (C)  
Charger (C)  
Coronet (C)  
Satellite (C)  
Elite (F)  
Torino (F)  
Comet (F)  
\*Cougar (F)  
Montego (F)  
Century (GM)  
Chevelle (GM)  
Malibu (GM)  
Monte Carlo (GM)  
Cutlass (GM)  
Vista Cruiser (GM)  
Grand Am (GM)  
Grand Prix (GM)  
LeMans (GM)

Standard

Ambassador (AMC)  
Newport (C)  
New Yorker (C)  
Town and Country (C)  
Monaco (C)  
Polara (C)  
\*Fury (C)  
Custom 500 (F)  
Galaxie (F)  
LTD (F)  
Thunderbird (F)  
XL (F)  
Mark Series (F)  
Marquis (F)  
Monterey (F)  
LeSabre (GM)  
Riviera (GM)  
Wildcat (GM)  
Eldorado (GM)  
Seville (GM)  
Bel Air (GM)  
Caprice (GM)  
Impala (GM)  
Delta 88/Royal (GM)  
Dynamic (GM)  
Toronado (GM)  
Bonneville (GM)  
Catalina (GM)

Luxury<sup>1</sup> (Top of Line)

Imperial (C)  
Continental (F)  
Electra (GM)  
Estate Wagon (GM)  
Calais (GM)  
DeVille (GM)  
Fleetwood (GM)  
Ninety-Eight (GM)  
\*Grand Ville (GM)

Luxury<sup>2</sup>

Imperial (C)  
Continental (F)  
Calais (GM)  
DeVille (GM)  
Fleetwood (GM)

#Source: MDAI Make Model Code

\*Classification based on latest model

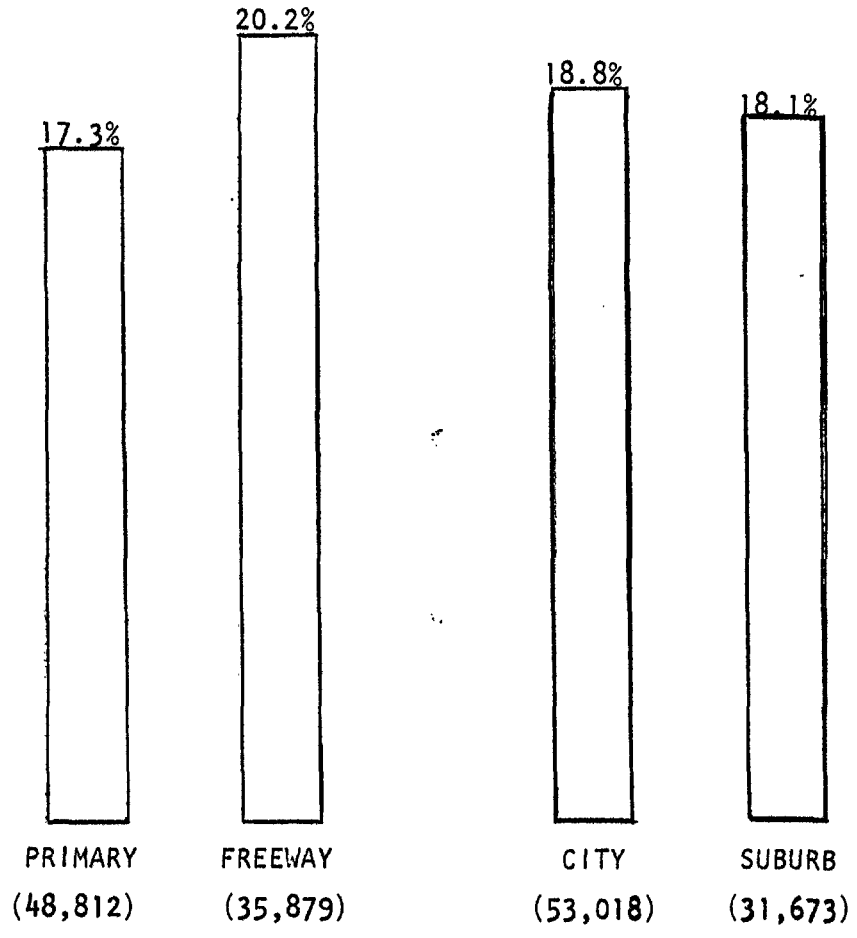
SAFETY BELT USAGE  
TWO DOOR VS FOUR DOOR CARS  
(By Manufacturer)

<u>MANUFACTURER</u>	<u>TWO DOOR</u>	<u>FOUR DOOR</u>	<u>N</u>
Total	18.5%	18.8%	(12,160)
AMC	22.1%	21.8%	( 252)
Chrysler	17.5%	19.3%	( 2,059)
Ford	18.0%	19.1%	( 3,298)
GM	18.7%	18.4%	( 6,551)

SAFETY BELT USAGE BY REGION

	Both	Lap Belt Only		<u>N</u>
TOTAL	11.8	6.8	18.6%	(84,682)
East Coast	7.9	4.1	12.0%	(27,887)
Midwest	10.8	6.6	17.4%	(32,028)
West Coast	17.3	10.0	27.3%	(24,767)

USAGE BY ROAD TYPE



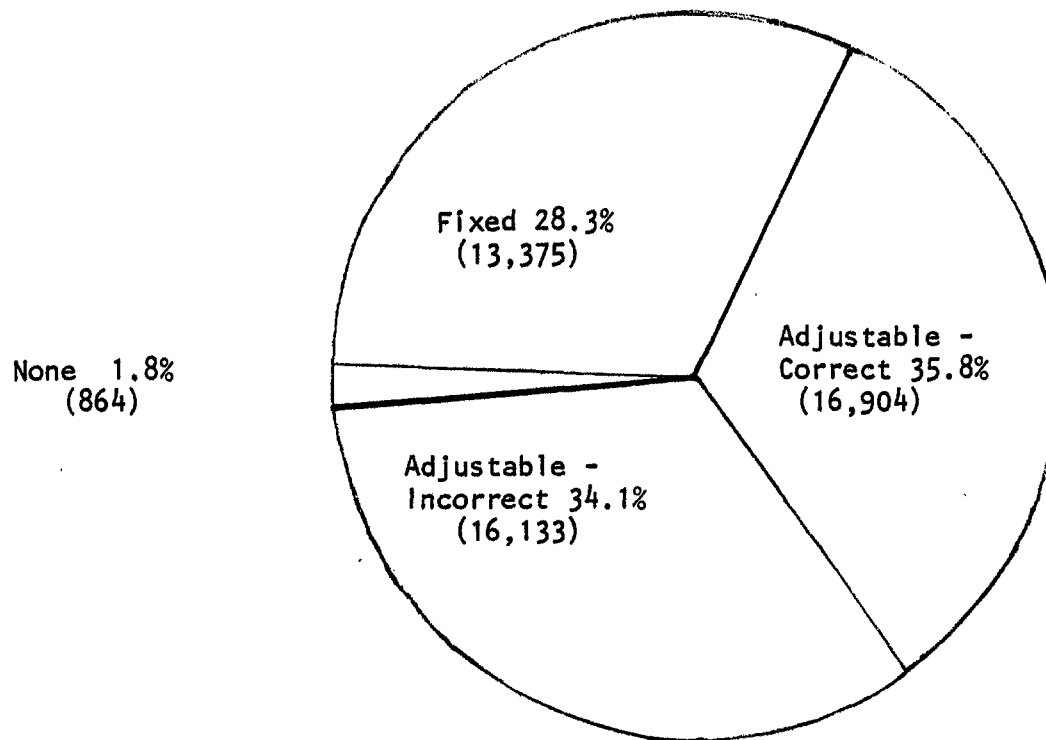
USAGE BY SEX AND AGE OF DRIVER

	<u>Both On</u>	<u>Lap Belt Only</u>		<u>N</u>
Men	11.7	5.6	17.3%	(53,769)
Women	11.9	8.7	20.6%	(30,819)
16-24	11.7	7.1	18.8%	(15,292)
25-49	12.7	6.6	19.3%	(54,408)
Over 50	8.3	7.1	15.4%	(14,847)



USAGE BY TIME OF DAY

	<u>Both On</u>	<u>Lap Belt Only</u>		<u>N</u>
7-10 AM	11.7	7.1	18.8%	(13,812)
10-1 PM	10.9	6.3	17.2%	(28,647)
1-4 PM	11.8	6.4	18.2%	(29,423)
4-7 PM	13.7	8.4	22.1%	(12,638)

HEAD RESTRAINT POSITIONS\*(1969<sup>+</sup> Models)

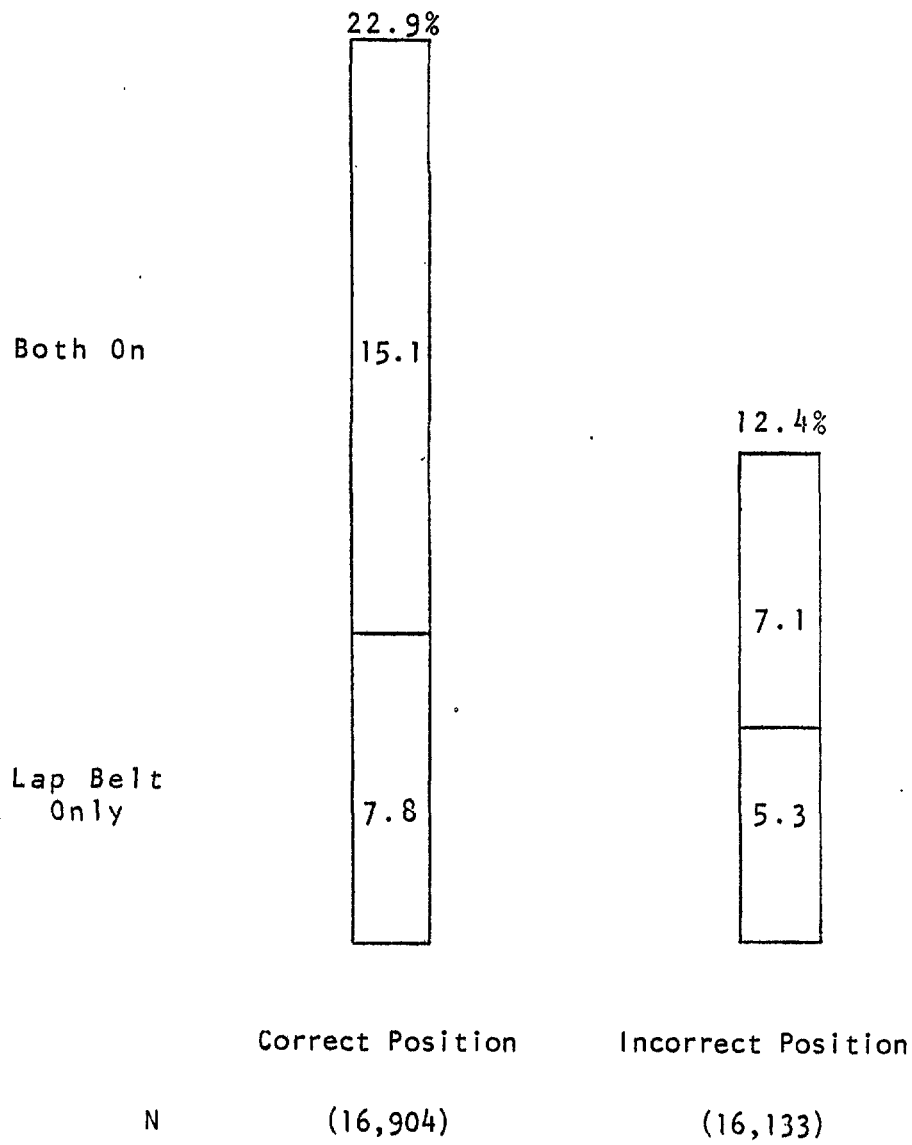
\* Foreign Car Excluded (Total N = 47,276)

CORRECT HEAD RESTRAINT POSITIONS \*  
BY CAR MAKE

		<u>N</u>
TOTAL	48.2%	(30,240)
AMC	65.0%	( 603)
PLYMOUTH	42.4%	( 1,862)
DODGE	42.9%	( 1,522)
CHRYSLER	40.6%	( 662)
FORD	43.2%	( 6,276)
MERCURY	52.8%	( 1,467)
LINCOLN	69.2%	( 370)
CHEVROLET	47.0%	( 7,552)
BUICK	50.6%	( 3,152)
PONTIAC	50.4%	( 2,045)
OLDSMOBILE	48.4%	( 3,281)
CADILLAC	67.3%	( 1,448)

\* Adjustable Type of Head Restraint

SAFETY BELT USAGE BY  
HEAD RESTRAINT POSITION \*



\* Adjustable Head Restraints

APPENDICES

SAFETY BELT USAGE - ADJUSTED  
(August, 1976 - March, 1977)

<u>Model Year</u>	<u>Estimated Cars* In Operation ( '000)</u>	<u>Percent (A)</u>	<u>Lap Belt Usage (B)</u>	<u>A X B</u>	<u>Lap/Shoulder Usage (C)</u>	<u>A X C</u>	<u>Total Usage Rate (D)</u>	<u>A X D</u>
1964-67	15,038	16.1	9.6	154.6	0.8	12.9	10.4	167.4
1968-71	29,607	31.7	10.2	323.3	4.4	139.5	14.6	462.8
1972	9,698	10.4	12.4	129.0	5.7	59.3	18.1	188.2
1973	11,005	11.8	14.2	167.6	6.2	73.2	20.4	240.7
1974	9,659	10.3	2.0	20.6	23.2	239.0	25.2	259.6
1975	7,676	8.2	1.4	11.5	19.3	158.3	20.7	169.7
1976	8,544	9.2	1.1	10.1	17.4	160.1	18.5	170.2
1977	2,145	2.3	1.4	3.2	15.7	36.1	17.1	39.3

Lap Usage  
8.2%

Lap/Shoulder  
Usage  
8.8%

Total  
Usage  
17.0%

\*From NHTSA

USAGE BY CAR MAKE AND YEAR

<u>MAKE</u>	<u>1964-67</u>	<u>1968-71</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>										
AMC	10.5	16.0	17.0	21.4	24.6	22.8	21.7	16.7	20.3	(2,475)
<b>CHRYSLER MOTORS</b>										
Chrysler	9.7	11.6	15.1	23.1	12.5	12.4	11.8	10.1	13.1	(1,571)
Dodge	12.5	14.3	18.2	22.4	19.5	20.7	23.1	15.4	18.0	(4,378)
Plymouth	11.8	13.8	18.0	21.9	14.8	16.6	20.6	21.7	16.6	(4,901)
<b>FORD MOTORS</b>										
Ford	10.7	15.0	16.0	19.1	24.4	16.9	15.1	15.1	17.1	(15,859)
Lincoln	3.1	6.2	13.9	15.9	17.0	17.1	11.3	6.6	12.5	(699)
Mercury	8.3	13.8	17.7	18.2	22.4	17.2	16.7	13.8	17.0	(3,455)
<b>GENERAL MOTORS</b>										
Buick	9.2	11.8	14.8	16.4	19.2	19.5	15.1	18.2	15.2	(6,054)
Cadillac	7.2	10.2	15.7	16.3	13.3	12.3	14.2	14.6	13.0	(2,792)
Chevrolet	10.1	13.0	17.9	17.5	26.7	19.5	17.4	18.2	17.7	(18,201)
Oldsmobile	9.6	13.5	15.0	19.4	23.1	18.3	15.6	17.5	16.6	(6,431)
Pontiac	8.9	12.0	14.8	18.2	20.9	14.8	14.5	11.5	14.6	(5,218)
<b>FOREIGN CARS</b>										
Datsun	25.0	29.0	23.8	25.7	35.9	35.2	25.8	33.3	29.7	(1,876)
Toyota	15.8	20.4	24.2	21.2	49.4	34.0	26.4	24.3	29.7	(2,466)
Volkswagen	10.5	18.0	24.7	27.4	27.1	38.3	38.6	32.5	23.7	(4,047)
Other Foreign	18.3	27.6	31.4	35.8	35.6	35.1	32.5	32.0	33.0	(4,258)
<b>TOTAL</b>	10.4 (5,742)	14.6 (19,997)	18.1 (8,485)	20.4 (10,459)	25.2 (13,091)	20.7 (11,009)	18.5 (13,701)	17.1 (2,197)	18.6	(84,681)

AMERICAN MOTORS MODELS BY YEAR\*

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Ambassador	17.2	(29)	24.0	(25)	--	--	--	--	--	--	20.4	(54)
Gremlin	21.0	(105)	24.0	(225)	25.7	(74)	23.7	(93)	25.0	(12)	23.6	(509)
Hornet	22.1	(113)	28.1	(207)	22.4	(98)	23.2	(95)	16.7	(12)	24.6	(525)
Javelin	31.3	(16)	25.9	(27)	--	--	--	--	--	--	27.9	(43)
Matador	19.5	(36)	18.2	(88)	22.2	(72)	26.4	(34)	12.5	(8)	20.6	(238)
Pacer	--	--	--	--	21.6	(125)	18.9	(159)	0.0	(9)	19.5	(293)
TOTAL	21.4	(299)	24.7	(572)	22.8	(369)	21.8	(381)	14.6	(41)	22.7	(1,662)

\*Totals on this and following charts. (pages 27-38)  
are based on data where car model could be obtained  
from the VIN decoder program.



PLYMOUTH MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Arrow	--	--	--	--	--	--	12.5	(40)	0.0	(1)	12.2	(41)
Barracuda	14.3	(7)	37.5	(8)	--	--	--	--	--	--	26.6	(15)
Fury	24.1	(166)	10.0	(90)	20.0	(55)	14.3	(21)	22.2	(9)	19.1	(341)
Satellite	24.3	(140)	11.1	(135)	13.6	(133)	11.6	(95)	11.8	(17)	15.4	(520)
Valiant	20.0	(316)	16.2	(499)	17.1	(310)	19.8	(106)	--	--	17.7	(1,231)
Volare	--	--	--	--	--	--	24.2	(367)	24.1	(79)	24.2	(446)
TOTAL	21.9	(629)	14.8	(732)	16.5	(498)	20.5	(629)	21.7	(106)	18.5	(2,594)

DODGE MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Aspen	--	--	--	--	--	--	23.8	(289)	18.7	(59)	23.0	(348)
Challenger	25.0	(28)	13.4	(15)	--	--	--	--	--	--	21.0	(43)
Charger	20.6	(63)	23.6	(55)	15.5	(71)	12.8	(39)	0.0	(6)	18.0	(234)
Coronet	16.4	(61)	10.9	(55)	21.2	(33)	12.0	(25)	0.0	(5)	14.5	(179)
Dart	27.0	(256)	18.2	(380)	19.2	(276)	14.0	(57)	--	--	20.5	(969)
Monaco/Polara	14.6	(82)	8.0	(50)	21.0	(38)	6.9	(29)	0.0	(5)	12.8	(204)
Colt	13.3	(15)	31.5	(108)	35.3	(51)	39.3	(89)	33.3	(3)	33.9	(266)
TOTAL	22.4	(505)	19.3	(663)	20.7	(469)	23.1	(528)	15.4	(78)	21.0	(2,243)

CHRYSLER MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Cordoba	--	--	--	--	10.6	(179)	11.5	(226)	13.0	(46)	11.3	(451)
Imperial	28.6	(14)	0.0	(7)	66.7	(3)	--	--	--	--	25.0	(24)
Newport	22.6	(93)	14.5	(62)	7.0	(57)	15.8	(38)	12.5	(8)	15.9	(258)
New Yorker	25.0	(36)	13.4	(15)	29.4	(17)	8.6	(35)	0.0	(13)	16.4	(116)
Town & Country	20.0	(20)	0.0	(4)	50.0	(4)	0.0	(4)	0.0	(2)	17.7	(34)
TOTAL	23.3	(163)	12.5	(88)	12.3	(260)	11.6	(303)	10.1	(69)	13.9	(883)

FORD MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Custom 500	23.2	(43)	17.4	(23)	23.1	(26)	33.3	(9)	--	--	22.8	(101)
Elite	--	--	--	--	7.8	(128)	10.9	(147)	--	--	9.5	(275)
Galaxie	18.2	(159)	10.8	(102)	--	--	--	--	--	--	15.3	(261)
Granada	--	--	--	--	17.0	(454)	14.2	(674)	20.0	(10)	15.3	(1,138)
LTD	20.4	(333)	19.1	(257)	16.7	(245)	14.4	(312)	13.6	(44)	17.5	(1,191)
Maverick	23.0	(231)	30.6	(330)	20.8	(183)	14.3	(140)	5.6	(18)	23.6	(902)
Mustang	23.2	(82)	25.2	(539)	17.6	(244)	15.3	(203)	14.3	(7)	21.4	(1,075)
Pinto	19.7	(458)	30.8	(678)	19.2	(303)	18.1	(382)	--	--	23.4	(1,821)
Thunderbird	10.3	(78)	13.4	(67)	13.2	(53)	6.0	(67)	13.2	(53)	11.0	(318)
Torino	17.0	(404)	17.8	(493)	15.9	(264)	17.8	(224)	33.3	(3)	17.3	(1,388)
TOTAL	19.4	(1,788)	24.4	(2,489)	16.9	(1,900)	15.0	(2,158)	13.3	(135)	19.1	(8,470)

MERCURY MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Bobcat	--	--	--	--	13.2	(38)	12.5	(32)	0.0	(1)	12.7	(71)
Comet	18.8	(64)	23.7	(93)	25.0	(40)	14.3	(21)	100.0	(2)	22.3	(220)
Cougar	21.4	(56)	13.1	(130)	15.4	(78)	11.2	(116)	12.5	(16)	14.1	(396)
Marquis	21.1	(90)	23.9	(46)	14.1	(92)	15.8	(114)	13.3	(15)	17.7	(357)
Monarch	--	--	--	--	21.4	(135)	15.2	(204)	16.0	(25)	17.6	(364)
Montego	10.5	(124)	11.9	(93)	12.5	(80)	14.0	(50)	--	--	11.8	(347)
Monterey	13.7	(29)	13.6	(22)	0.0	(1)	--	--	--	--	13.5	(52)
Capri	24.3	(103)	35.6	(160)	100.0	(1)	30.9	(97)	--	--	31.3	(361)
TOTAL	18.2	(466)	22.2	(544)	17.2	(465)	16.7	(634)	16.9	(59)	18.5	(2,168)

LINCOLN MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Continental/Versailles	20.0	(40)	22.0	(41)	16.7	(48)	8.2	(61)	0.0	(5)	15.4	(195)
Mark Series	13.3	(60)	14.3	(70)	18.0	(50)	12.9	(62)	--	--	14.5	(242)
TOTAL	16.0	(100)	17.1	(111)	17.3	(98)	10.6	(123)	0.0	(5)	14.9	(437)

GENERAL MOTORS MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Chevrolet	17.6	(2,043)	26.8	(2,835)	19.4	(2,409)	17.3	(2,929)	18.2	(576)	20.4	(10,792)
Buick	16.4	(794)	19.3	(745)	19.5	(754)	15.2	(1,037)	18.3	(180)	17.4	(3,510)
Pontiac	18.1	(613)	20.8	(529)	14.9	(544)	14.1	(796)	10.9	(138)	16.4	(2,620)
Oldsmobile	19.3	(822)	23.3	(761)	18.3	(849)	15.6	(1,381)	17.5	(331)	18.4	(4,144)
Cadillac	16.3	(338)	13.3	(371)	12.3	(422)	14.2	(535)	14.6	(123)	14.0	(1,789)
TOTAL	17.7	(4,610)	23.6	(5,241)	18.1	(4,978)	16.0	(6,678)	17.0	(1,348)	18.6	(22,855)

CHEVROLET MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Bel Air	10.6	(57)	26.2	(42)	28.0	(25)	--	--	--	--	19.3	(124)
Camaro	21.1	(76)	30.9	(188)	18.4	(212)	20.0	(295)	13.8	(51)	21.8	(822)
Caprice	16.9	(207)	25.4	(197)	16.5	(170)	16.0	(218)	10.9	(64)	18.1	(856)
Chevelle	11.4	(290)	23.5	(451)	18.4	(419)	16.6	(508)	18.4	(98)	18.0	(1,766)
Chevette	--	--	--	--	--	--	20.4	(216)	26.0	(23)	20.9	(239)
Corvette	27.3	(11)	33.3	(24)	22.7	(22)	14.3	(21)	25.0	(8)	24.4	(86)
Impala	16.1	(564)	23.1	(465)	17.6	(329)	17.6	(302)	21.3	(61)	18.7	(1,721)
Monza	--	--	--	--	24.2	(182)	13.6	(81)	50.0	(4)	21.3	(267)
Monte Carlo	14.4	(230)	19.8	(373)	13.3	(400)	13.8	(618)	15.7	(147)	15.2	(1,768)
Nova	21.9	(288)	27.2	(519)	22.5	(381)	21.1	(486)	22.0	(109)	23.4	(1,783)
Vega	24.7	(320)	35.4	(576)	26.4	(269)	16.3	(184)	27.3	(11)	28.4	(1,360)
TOTAL	17.6	(2,043)	26.8	(2,835)	19.4	(2,409)	17.3	(2,929)	18.2	(576)	20.4	(10,792)

BUICK MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	%	N	%	N	%	N	%	N	%	N	%	N
Century	15.1	(292)	15.3	(256)	14.8	(264)	15.7	(413)	16.0	(50)	15.3	(1,275)
Electra	11.7	(136)	16.4	(116)	17.6	(131)	13.0	(154)	25.6	(43)	15.3	(580)
Estate Wagon	26.9	(41)	23.0	(26)	10.7	(28)	35.5	(31)	16.7	(6)	24.3	(132)
Le Sabre	16.3	(209)	20.0	(135)	18.2	(132)	13.0	(177)	11.4	(44)	16.2	(697)
Opel	25.9	(54)	21.6	(102)	30.0	(40)	7.1	(14)	0.0	(1)	23.2	(211)
Riviera	11.5	(35)	25.0	(28)	13.6	(22)	8.0	(25)	28.6	(7)	15.4	(117)
Skyhawk	25.9	(27)	29.3	(82)	30.1	(83)	15.5	(181)	24.0	(25)	22.6	(398)
Skyhawk	--	--	--	--	33.3	(54)	19.1	(42)	0.0	(4)	26.0	(100)
<b>TOTAL</b>	<b>16.4</b>	<b>(794)</b>	<b>19.3</b>	<b>(745)</b>	<b>19.5</b>	<b>(754)</b>	<b>15.2</b>	<b>(1,037)</b>	<b>18.3</b>	<b>(180)</b>	<b>17.4</b>	<b>(3,510)</b>

PONTIAC MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Astre	--	--	--	--	19.7	(66)	7.9	(38)	33.3	(3)	15.9	(107)
Bonneville/Catalina	19.5	(190)	14.7	(116)	13.5	(96)	14.9	(141)	23.0	(26)	16.5	(569)
Firebird	12.9	(39)	25.1	(80)	15.4	(91)	12.6	(143)	4.3	(23)	15.5	(376)
Grand Am	16.7	(24)	9.5	(21)	16.7	(12)	--	--	--	--	14.0	(57)
Grand Prix	17.9	(134)	22.7	(119)	15.8	(120)	13.1	(299)	5.6	(72)	15.2	(744)
Grand Ville	22.2	(63)	29.0	(31)	16.3	(43)	--	--	--	--	21.8	(137)
Le Mans	16.5	(163)	21.6	(162)	11.2	(116)	15.3	(105)	18.2	(11)	16.7	(557)
Sunbird	--	--	--	--	--	--	21.4	(70)	33.3	(3)	21.9	(73)
<b>TOTAL</b>	<b>18.1</b>	<b>(613)</b>	<b>20.8</b>	<b>(529)</b>	<b>14.9</b>	<b>(544)</b>	<b>14.1</b>	<b>(796)</b>	<b>10.9</b>	<b>(138)</b>	<b>16.4</b>	<b>(2,620)</b>



OLDSMOBILE MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Cutlass	17.5	(377)	23.3	(416)	16.9	(449)	15.0	(852)	16.8	(208)	17.5	(2,302)
Delta 88/Dynamic	19.8	(202)	21.6	(153)	17.8	(157)	14.2	(218)	27.8	(54)	18.7	(784)
Omega	20.0	(50)	30.0	(70)	16.4	(55)	21.2	(85)	23.1	(13)	22.3	(273)
Ninety-Eight	20.7	(121)	18.0	(78)	20.9	(96)	15.9	(138)	10.2	(49)	17.8	(482)
Starfire	--	--	--	--	40.0	(40)	19.4	(31)	0.0	(3)	29.7	(74)
Toronado	23.6	(55)	25.0	(28)	14.8	(27)	13.8	(29)	0.0	(4)	19.6	(143)
Vista Cruiser	29.4	(17)	31.3	(16)	8.0	(25)	21.5	(28)	--	--	20.9	(86)
<b>TOTAL</b>	<b>19.3</b>	<b>(822)</b>	<b>23.3</b>	<b>(761)</b>	<b>18.3</b>	<b>(849)</b>	<b>15.6</b>	<b>(1,381)</b>	<b>17.5</b>	<b>(331)</b>	<b>18.4</b>	<b>(4,144)</b>

CADILLAC MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Seville	--	--	--	--	0.0	(1)	25.4	(114)	18.8	(16)	24.4	(131)
Other Cadillacs	16.3	(338)	13.3	(371)	12.3	(421)	11.2	(421)	14.0	(107)	13.2	(1,658)
<b>TOTAL</b>	<b>16.3</b>	<b>(338)</b>	<b>13.3</b>	<b>(371)</b>	<b>12.3</b>	<b>(422)</b>	<b>14.2</b>	<b>(535)</b>	<b>14.6</b>	<b>(123)</b>	<b>14.0</b>	<b>(1,789)</b>

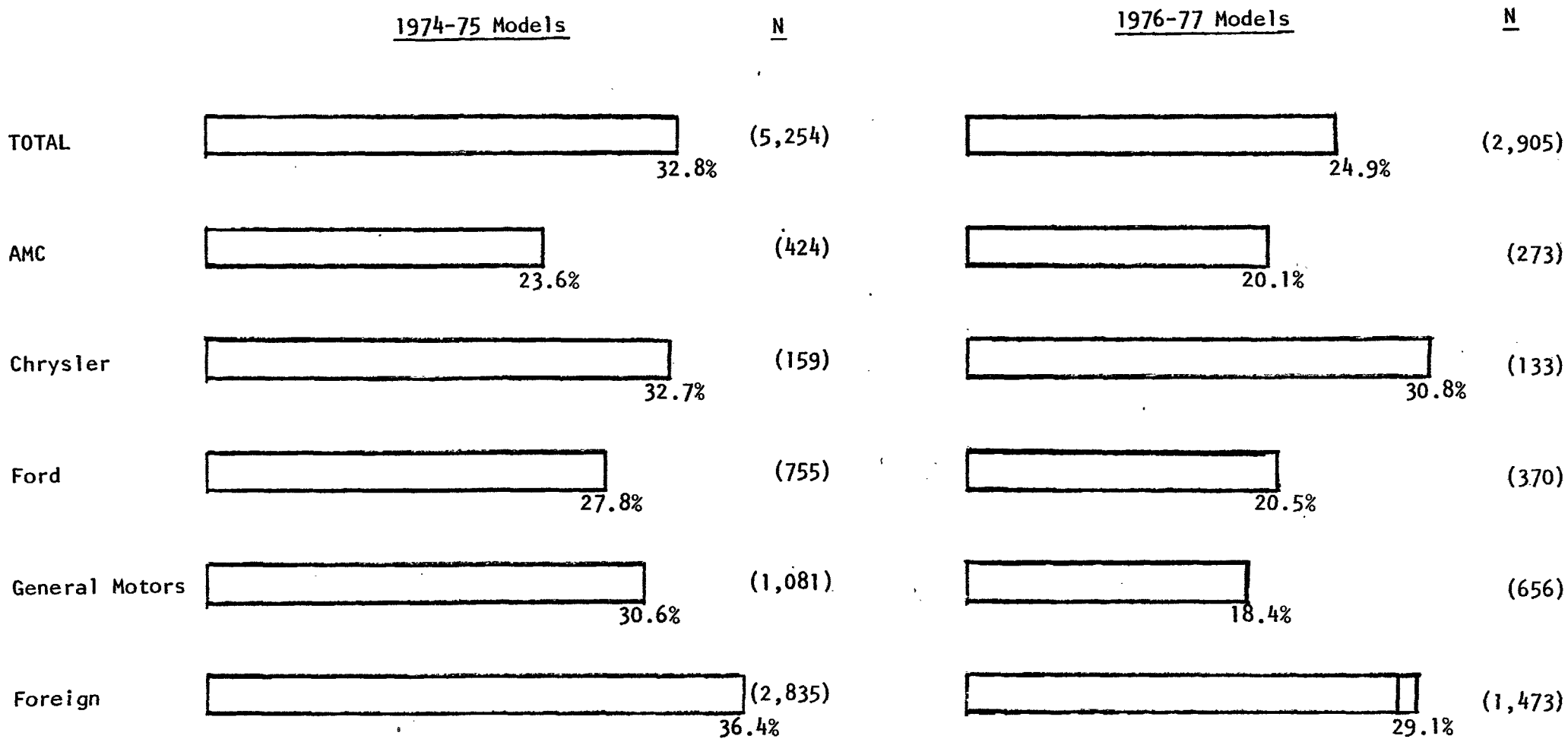
ALL FOREIGN MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Volkswagen	27.6	(467)	26.6	(530)	38.1	(323)	38.7	(279)	32.5	(40)	31.4	(1,639)
Datsun	25.7	(198)	35.9	(396)	35.2	(319)	25.8	(414)	33.3	(15)	31.1	(1,342)
Toyota	21.2	(236)	49.4	(441)	34.0	(376)	26.4	(564)	24.3	(37)	33.5	(1,654)
Mazda	22.4	(165)	22.1	(145)	40.0	(25)	20.4	(49)	--	--	23.1	(384)
Volvo	46.9	(113)	49.3	(144)	41.7	(175)	40.0	(90)	0.0	(1)	44.6	(523)
All Other Foreign	38.7	(323)	35.7	(696)	32.6	(542)	32.4	(607)	33.3	(24)	34.4	(2,192)
TOTAL	29.6	(1,502)	36.2	(2,352)	35.4	(1,760)	30.3	(2,003)	29.9	(117)	33.1	(7,734)











VOLKSWAGEN MODELS BY YEAR

<u>MODEL</u>	<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>TOTAL</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
Rabbit	--	--	--	--	42.9	(168)	40.9	(193)	33.3	(33)	41.1	(394)
Other VW's	27.6	(467)	26.6	(530)	32.9	(155)	33.7	(86)	28.6	(7)	28.3	(1,245)
TOTAL	27.6	(467)	26.6	(530)	38.1	(323)	38.7	(279)	32.5	(40)	31.4	(1,639)











USAGE IN SUBCOMPACT MODELS  
(By Manufacturer)












USAGE IN COMPACT MODELS  
(By Manufacturer)

	<u>1974-75 Models</u>	<u>N</u>	<u>1976-77 Models</u>	<u>N</u>
TOTAL	 22.0%	(5,393)	 17.9%	(3,549)
AMC	 24.9%	(217)	 15.2%	(46)
Chrysler	 17.5%	(1,488)	 21.7%	(785)
Ford	 22.5%	(1,885)	 14.5%	(1,281)
General Motors	 25.0%	(1,803)	 18.9%	(1,437)

USAGE IN INTERMEDIATE MODELS  
(By Manufacturer)

	<u>1974-75 Models</u>	<u>N</u>	<u>1976-77 Models</u>	<u>N</u>
TOTAL	 17.2%	(5,466)	 14.7%	(4,211)
AMC	 20.0%	(160)	 23.8%	(42)
Chrysler	 13.6%	(623)	 11.4%	(446)
Ford	 15.6%	(1,246)	 14.2%	(473)
General Motors	 18.2%	(3,437)	 15.2%	(3,250)

USAGE IN STANDARD MODELS  
(By Manufacturer)

	<u>1974-75 Models</u>	<u>N</u>	<u>1976-77 Models</u>	<u>N</u>
TOTAL	 18.1%	(3,381)	 15.0%	(2,190)
AMC	 22.2%	(18)	-	-
Chrysler	 13.2%	(363)	 10.8%	(158)
Ford	 16.0%	(1,004)	 13.4%	(650)
General Motors	 19.9%	(1,996)	 16.2%	(1,382)

USAGE IN LUXURY MODELS  
(By Manufacturer)

	<u>1974-75 Models</u>	<u>N</u>	<u>1976-77 Models</u>	<u>N</u>
TOTAL	<input type="text"/> 15.6%	(1,280)	<input type="text"/> 13.7%	(939)
Chrysler	<input type="text"/> 20.0%	(10)	-	-
Ford	<input type="text"/> 19.1%	(89)	<input type="text"/> 7.6%	(66)
General Motors	<input type="text"/> 15.3%	(1,181)	<input type="text"/> 14.2%	(873)



SUBCOMPACT MODELS. BY YEAR

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>							
AMC	21.0	24.0	23.1	20.6	14.3	22.1	(802)
<b>CHRYSLER MOTORS</b>							
Chrysler	-	-	-	-	-	-	-
Dodge	13.3	31.5	35.3	39.3	33.3	33.9	(266)
Plymouth	-	-	-	12.5	0.0	12.2	(41)
<b>FORD MOTORS</b>							
Ford	19.7	28.5	20.7	17.7	-	22.5	(1,100)
Lincoln	-	-	-	-	-	-	-
Mercury	24.3	35.6	17.4	27.0	0.0	29.1	(402)
<b>GENERAL MOTORS</b>							
Buick	21.3	23.3	32.9	16.1	0.0	23.9	(280)
Cadillac	-	-	-	-	-	-	-
Chevrolet	25.8	35.4	26.8	18.4	29.7	26.8	(1,523)
Oldsmobile	-	-	40.0	19.4	0.0	29.7	(74)
Pontiac	-	-	22.0	17.2	20.0	19.0	(163)
<b>FOREIGN CARS</b>							
Datsun	25.7	35.9	35.2	25.8	33.3	31.1	(1,342)
Toyota	21.2	49.4	34.0	26.4	24.3	33.5	(1,654)
Volkswagen	26.2	26.2	36.8	38.0	32.5	30.4	(1,545)
Other Foreign	32.3	35.6	41.5	33.1	0.0	35.5	(907)
<b>TOTAL</b>	<b>24.8</b> (1,940)	<b>33.7</b> (3,042)	<b>31.5</b> (2,212)	<b>24.9</b> (2,736)	<b>25.5</b> (169)	<b>29.0</b>	<b>(10,099)</b>

COMPACT MODELS BY YEAR

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>							
AMC	22.5	25.4	23.2	15.8	12.5	23.0	(352)
<b>CHRYSLER MOTORS</b>							
Chrysler	-	-	-	-	-	-	-
Dodge	26.8	18.0	19.2	22.3	18.7	21.1	(1,360)
Plymouth	19.9	16.6	17.1	21.5	22.2	18.6	(1,520)
<b>FORD MOTORS</b>							
Ford	23.0	27.3	17.9	14.5	11.4	19.8	(3,115)
Lincoln	-	-	-	-	-	-	-
Mercury	-	-	21.4	15.2	16.0	17.6	(364)
<b>GENERAL MOTORS</b>							
Buick	25.9	29.3	30.1	15.5	24.0	22.6	(398)
Cadillac	-	-	-	-	-	-	-
Chevrolet	21.6	28.5	21.2	20.7	19.8	22.9	(2,683)
Oldsmobile	20.0	30.0	16.4	21.2	23.1	22.3	(273)
Pontiac	12.9	25.1	15.4	12.6	4.3	15.5	(376)
<b>TOTAL</b>	22.3 (1,499)	24.4 (2,892)	19.3 (2,501)	17.8 (3,149)	18.3 (400)	20.7	(10,441)

INTERMEDIATE MODELS BY YEAR

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>							
AMC	19.5	18.2	22.2	26.4	12.5	20.6	(238)
<b>CHRYSLER MOTORS</b>							
Chrysler	-	-	10.6	11.5	13.0	11.3	(451)
Dodge	18.5	17.3	17.3	12.5	0.0	16.4	(413)
Plymouth	25.0	11.7	13.5	10.8	12.5	15.7	(453)
<b>FORD MOTORS</b>							
Ford	17.0	16.5	13.7	14.3	33.3	15.6	(1,339)
Lincoln	-	-	-	-	-	-	-
Mercury	14.9	16.2	15.7	12.6	25.0	15.2	(927)
<b>GENERAL MOTORS</b>							
Buick	15.1	15.3	14.8	15.7	16.0	15.3	(1,275)
Cadillac	-	-	-	-	-	-	-
Chevrolet	13.1	21.6	15.1	15.0	17.3	16.5	(3,267)
Oldsmobile	17.9	24.0	16.5	15.6	17.2	17.9	(2,316)
Pontiac	17.3	21.0	14.2	13.6	7.2	15.8	(1,298)
<b>TOTAL</b>	16.5 (2,300)	19.2 (2,784)	15.0 (2,682)	14.6 (3,556)	15.4 (655)	16.2	(11,977)

STANDARD MODELS BY YEAR

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>							
AMC	20.8	22.2	-	-	-	21.4	(42)
<b>CHRYSLER MOTORS</b>							
Chrysler	22.8	13.6	14.1	11.7	4.3	16.2	(408)
Dodge	14.6	8.0	21.0	6.9	0.0	12.8	(204)
Plymouth	24.1	6.5	23.1	18.8	25.0	18.8	(277)
<b>FORD MOTORS</b>							
Ford	18.9	15.8	16.6	13.5	13.4	16.3	(1,843)
Lincoln	13.3	14.3	18.0	12.9	-	14.5	(242)
Mercury	21.2	16.3	15.1	13.5	10.0	16.5	(327)
<b>GENERAL MOTORS</b>							
Buick	15.5	20.9	17.5	12.4	13.8	16.1	(814)
Cadillac	14.5	14.8	8.8	20.6	12.5	16.1	(400)
Chevrolet	16.0	25.5	18.5	15.9	17.5	19.1	(2,216)
Oldsmobile	20.4	21.8	16.4	15.0	24.4	18.7	(821)
Pontiac	19.2	15.7	14.5	14.7	26.0	17.0	(502)
<b>TOTAL</b>	18.3 (2,525)	19.1 (1,864)	16.8 (1,517)	14.8 (1,797)	16.0 (393)	17.3	(8,096)

LUXURY MODELS BY YEAR

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>							
AMC	-	-	-	-	-	-	-
<b>CHRYSLER MOTORS</b>							
Chrysler	28.6	0.0	66.7	-	-	25.0	(24)
Dodge	-	-	-	-	-	-	-
Plymouth	-	-	-	-	-	-	-
<b>FORD MOTORS</b>							
Ford	-	-	-	-	-	-	-
Lincoln	20.0	22.0	16.7	8.2	0.0	15.4	(195)
Mercury	-	-	-	-	-	-	-
<b>GENERAL MOTORS</b>							
Buick	15.3	17.6	16.4	16.7	24.5	17.0	(712)
Cadillac	16.7	12.9	13.2	11.0	15.3	13.4	(1,384)
Chevrolet	-	-	-	-	-	-	-
Oldsmobile	20.7	18.0	20.9	15.9	10.2	17.8	(482)
Pontiac	21.6	27.3	15.1	-	-	20.7	(106)
<b>TOTAL</b>	<b>17.8</b> <b>(684)</b>	<b>15.7</b> <b>(599)</b>	<b>15.5</b> <b>(681)</b>	<b>13.1</b> <b>(738)</b>	<b>15.9</b> <b>(201)</b>	<b>15.6</b>	<b>(2,903)</b>

SAFETY BELT USAGE  
TWO DOOR VS. FOUR DOOR CARS

<u>MAKE</u>	<u>TWO DOOR</u>		<u>FOUR DOOR</u>	
	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>				
AMC	22.0	(1,142)	21.8	(252)
<b>CHRYSLER MOTORS</b>				
Chrysler	12.0	(527)	16.8	(322)
Dodge	20.8	(1,159)	20.2	(798)
Plymouth	16.9	(1,352)	19.5	(939)
<b>FORD MOTORS</b>				
Ford	18.0	(4,905)	19.7	(2,492)
Lincoln	13.5	(318)	18.5	(119)
Mercury	19.1	(1,318)	17.3	(687)
<b>GENERAL MOTORS</b>				
Buick	17.7	(1,958)	16.2	(1,294)
Cadillac	13.0	(1,024)	15.5	(608)
Chevrolet	20.5	(7,042)	20.1	(2,733)
Oldsmobile	18.2	(2,589)	19.1	(1,291)
Pontiac	16.8	(2,143)	16.1	(625)
<b>FOREIGN CARS</b>				
Volkswagen	24.5	(1,027)	--	--
Other Foreign	33.9	(859)	45.3	(338)
<b>TOTAL</b>	<b>19.2</b>	<b>(27,363)</b>	<b>19.5</b>	<b>(12,498)</b>

SAFETY BELT USAGE -- TWO DOOR CARS

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	<u>N</u>
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	
<b>AMERICAN MOTORS</b>							
AMC	21.4	23.5	24.2	19.0	15.8	22.1	(1,142)
<b>CHRYSLER MOTORS</b>							
Chrysler	39.1	10.5	9.6	11.3	12.5	12.0	(527)
Dodge	25.2	18.8	20.0	19.5	18.5	20.8	(1,159)
Plymouth	21.5	14.7	13.8	16.0	21.4	16.9	(1,352)
<b>FORD MOTORS</b>							
Ford	17.7	23.5	15.6	13.7	12.2	18.0	(4,905)
Lincoln	13.2	13.8	16.2	12.1	0.0	13.5	(318)
Mercury	18.8	23.6	15.3	17.0	23.1	19.1	(1,318)
<b>GENERAL MOTORS</b>							
Buick	14.7	21.4	20.0	15.5	18.1	17.7	(1,958)
Cadillac	15.8	13.3	11.4	11.9	15.3	13.0	(1,024)
Chevrolet	19.4	26.8	19.6	16.5	17.7	20.5	(7,042)
Oldsmobile	19.1	24.0	18.3	14.3	17.1	18.2	(2,589)
Pontiac	18.3	21.5	16.5	14.4	9.3	16.8	(2,143)
<b>FOREIGN CARS</b>							
Volkswagen	25.6	24.4	19.2	24.5	33.3	24.4	(1,027)
Other Foreign	40.0	35.3	31.2	32.8	40.0	33.9	(859)
<b>TOTAL</b>	<b>19.7</b>	<b>23.3</b>	<b>18.1</b>	<b>15.9</b>	<b>16.3</b>	<b>19.2</b>	<b>(27,363)</b>

SAFETY BELT USAGE -- FOUR DOOR CARS

<u>MAKE</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>N</u>
<b>AMERICAN MOTORS</b>							
AMC	18.5	22.8	19.3	31.5	18.2	21.8	(252)
<b>CHRYSLER MOTORS</b>							
Chrysler	20.9	13.9	19.0	13.3	5.3	16.8	(322)
Dodge	19.9	18.5	19.8	23.4	17.2	20.2	(798)
Plymouth	22.8	14.6	20.2	21.5	19.0	19.5	(939)
<b>FORD MOTORS</b>							
Ford	23.2	21.3	19.7	16.4	14.8	19.7	(2,492)
Lincoln	21.9	25.9	20.8	6.3	--	18.5	(119)
Mercury	16.3	18.0	20.8	15.4	15.4	17.3	(687)
<b>GENERAL MOTORS</b>							
Buick	16.4	16.6	19.2	13.3	19.2	16.2	(1,294)
Cadillac	12.5	12.7	15.4	18.5	14.3	15.5	(608)
Chevrolet	14.0	26.9	19.3	19.5	21.8	20.1	(2,733)
Oldsmobile	18.6	21.4	18.8	19.0	17.9	19.1	(1,291)
Pontiac	17.9	18.1	11.6	15.3	18.7	16.1	(625)
<b>FOREIGN CARS</b>							
Foreign, other than Volkswagen	64.2	50.0	37.7	36.9	--	45.3	(338)
<b>TOTAL</b>	<b>19.2</b>	<b>21.7</b>	<b>19.8</b>	<b>18.1</b>	<b>18.1</b>	<b>19.5</b>	<b>(12,498)</b>



USAGE BY CITY

<u>CITY</u>	<u>% L/S</u>	<u>% L/B</u>	<u>TOTAL USAGE</u>	
	<u>Usage</u>	<u>Usage</u>	<u>%</u>	<u>N</u>
Seattle	24.4	9.0	33.4	(3,491)
San Diego	17.7	11.9	29.6	(5,611)
Phoenix	13.6	12.9	26.5	(9,376)
Los Angeles	19.5	3.9	23.4	(3,823)
San Francisco	17.3	5.3	22.6	(2,466)
Dallas	12.7	9.7	22.4	(5,191)
Birmingham	17.9	4.3	22.2	(2,439)
Minn. - St. Paul	12.4	7.1	19.5	(10,543)
Atlanta	11.2	4.9	16.1	(3,068)
Chicago	9.1	5.4	14.5	(3,187)
Houston	8.8	5.3	14.1	(6,256)
Baltimore	9.6	3.5	13.1	(3,656)
Boston	10.2	2.9	13.1	(3,165)
New York	6.0	5.2	11.2	(8,981)
Fargo - Moorhead	5.2	5.9	11.1	(4,412)
Pittsburgh	7.1	3.2	10.3	(9,017)
TOTAL	11.8	6.8	18.6	(84,682)

SAFETY BELT USAGE BY  
CORRECT HEAD RESTRAINT POSITION AND MODEL YEAR

	<u>1969-71</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>TOTAL</u>	
	%	%	%	%	%	%	%	%	<u>N</u>
Both On	4.5	7.6	7.1	28.0	24.9	23.0	19.3	15.1	(2,562)
Lap Belt Only	11.8	14.6	16.5	1.7	1.7	1.5	2.0	7.8	(1,316)
TOTAL	16.3 (4,658)	22.2 (1,852)	23.6 (2,196)	29.7 (2,758)	26.6 (2,238)	24.5 (2,906)	21.3 (296)	22.9	(16,904)