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**IMPROVED FORECASTS OF VEHICLE SIZE AND AGE DISTRIBUTION AND
THE IMPACT ON ENERGY CONSUMPTION AND VEHICLE EMISSIONS**

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Research Report 60030-1

Sponsored by

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ABSTRACT

This report documents the methodology for projecting future distributions of vehicles by age and type (size) for the 10 largest urbanized areas in Texas. These 10 metropolitan statistical areas (MSA's) consist of 31 different counties. The historical data pertaining to each country such as population, number employed and unemployed, income, and household size were analyzed. Data on the number of vehicles that were registered in each county by model year and vehicle weight were compiled. Historical data were used to establish trends which provided the basis for projecting the distributions. Data on the distribution of vehicles by age and type (size), and trends in vehicle ownership were compiled and analyzed. The mix of vehicles by age and size for the years 2000, 2010, 2020 was estimated and used to evaluate the potential impact on vehicle emissions and energy consumption.

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IMPROVED FORECASTS OF VEHICLE SIZE AND AGE DISTRIBUTION AND THE IMPACT ON ENERGY CONSUMPTION AND VEHICLE EMISSIONS

INTRODUCTION

Over the past three decades the United States has seen an increasing concern over the consumption of energy and the resulting emission of air pollutants by vehicles. Problems in vehicle emissions have been especially prevalent in major urban areas despite significant improvements in fuel economy that have been made since the 1974 oil embargo. These improvements in combination with relatively low fuel prices have provided little incentive to reduce travel within and between urban areas. Travel, as measured in vehicle miles traveled (VMT), has continued to increase in all major urban areas offsetting to a certain extent the improvements achieved through mandated vehicle emission controls on new vehicles during the past two decades.

Major legislation was passed in 1990 and 1991 that addressed the issues of continuing growth in travel and continuing degradation of air quality within major urban areas across the nation. The Clean Air Act Amendments of 1990 (CAAA) and the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) have significantly revised the analysis requirements and information needs in transportation with regard to air quality and the impact on air quality of proposed transportation improvements. In particular, more emphasis is now placed on attaining goals and reducing mobile source emissions. The analysis requirements concerning the impacts of transportation improvements on vehicular emissions has become increasingly important. Failure to attain specified reductions in mobile source emissions in nonattainment areas may lead to the imposition of sanctions on the area.

The main components of air pollution are carbon monoxide (CO), nitrogen oxides (NO_x), and volatile organic compounds (VOC). Mobile sources account for about 88 percent of the CO and 50 percent of the NO_x and VOC in the air (1). These pollutants are the principal precursors which result in ground level smog, global warming, and other related air pollution problems. To meet the requirements of both the CAAA and ISTEA,

it is necessary to estimate and predict the amount of pollutants that will be generated by mobile sources.

The regulatory agency responsible for implementing the provisions of the CAAA is the United States Environmental Protection Agency (EPA). During the last two decades the EPA has developed computer software programs specifically to estimate mobile source emissions in urban areas. The most recent version of this software is MOBILE5. The output from this program principally consists of the estimated emission factors for hydrocarbons (HC), CO, and NO_x. These are the main pollutants emitted by mobile sources with HC being the primary VOC. The data input requirements for MOBILE5 are quite extensive, and a detailed list and explanation of these may be found in the 1993 MOBILE5 User's Guide (2). Since this research effort is concerned with only one element of those data requirements, the discussion in this paper will concentrate on that element for purposes of brevity. It is important to realize, however, that a great deal of information and data are required to accomplish the comprehensive air quality analysis for an urban area. This report addresses only one of those data elements.

PROBLEM STATEMENT

Energy consumption and air pollution are issues faced by nearly every major urban area in Texas. Both issues are related to the amount of urban travel and the type of vehicles used for that travel. Significant improvements have been made in vehicles being sold today. It is not known how much improvement may be expected from the new vehicles being purchased or how long it will take to remove those that are older and less efficient from the population of vehicles. Estimates of vehicle size and age mix are critical elements in projecting both energy consumption and air pollution. Improved methods to develop these estimates will assist in analyzing and evaluating transportation systems and improvements in major urban areas which are necessary to meet the requirements of the CAAA and ISTEA.

REPORT ORGANIZATION

The first section following the introduction discusses the general background for this

research. It presents some perspective of the process involved in air quality analysis as well as the specific objectives of this research and the findings of the literature review. The second section discusses the analysis procedure used in this research and is followed by a section which presents and discusses the methodology developed to project vehicle registrations. The fourth section, which presents a discussion of the results of the application of the methodology, is followed by an analysis of the results. The sixth section presents an analysis of the potential impact of the age and mix of vehicles on future mobile source emissions. The final section presents a summary of the findings and recommendations from this research.

GENERAL BACKGROUND

Air quality and energy consumption issues are not new. The first initiative to address air pollution by the federal government was in 1955 when the Surgeon General was authorized to study the problem of air pollution and provide technical assistance to agencies attempting to abate the problem (3). The Clean Air Act of 1963 authorized expanded efforts and provided funding for grants to state air pollution control agencies. Until the 1990 CAAA, the most significant legislative efforts were the 1970 and 1977 amendments to the Clean Air Act. Both of those increased the federal role in assuring state and local compliance to the act. The 1990 CAAA has initiated the strongest requirements to date for compliance to federally mandated standards of air pollution in major urban areas across the nation. Some of the major features contained in the 1990 CAAA (2) include:

- New classification system for nonattainment areas
- New deadlines for achieving attainment levels
- Control measures which must be implemented in nonattainment areas
- Stricter emission standards for 1994 and later vehicles
- Standards for alternative fueled vehicles

Perhaps one of the most far reaching features of the CAAA was the stipulation that nonattainment areas must demonstrate specific reductions (i.e., 15 percent) in emissions within certain time periods (i.e., within six years for VOC). The significance of this was that these reductions must be achieved over and above any anticipated reduction from improved motor vehicle exhaust or evaporative emissions or controls on fuel volatility. This implies that the reductions must be achieved through reductions in travel or other transportation improvements.

There are 100 areas in 33 states and the District of Columbia that do not meet the national air quality standards (1). Texas, along with 11 other states, has been classified as a "severe" nonattainment area by the EPA. This requires the nonattainment areas within Texas to achieve a 15 percent reduction in VOC by 1996 or have their federal funding for transportation withheld by the EPA. Efforts to meet these requirements must be demonstrated in revised State Implementation Plans (SIPs) submitted to the EPA.

Transportation Improvement Programs (TIPs) for nonattainment areas must also demonstrate that proposed transportation projects for those areas are in conformance with the SIP. These requirements have placed new emphasis on the ability of state and local agencies to measure and estimate the impact of transportation on mobile source emissions.

AIR QUALITY ANALYSIS

Air quality analysis as used in this paper refers to the analysis of transportation systems in terms of estimating mobile source emissions on the systems in an urban area. Mobile source emissions are a function of the amount of travel in an urban area, the speed of that travel, the number and type of vehicles being used for travel, and the climate. Within each of these elements are subcategories which have different impacts on the emissions. The process of estimating emissions within an urban area is very complex and only a general discussion is given here.

The first step in estimating an urban area's mobile source emissions typically involves using the mobile source emissions software package developed by the EPA. The most recent version of this package is MOBILE5. The input data required for this program consist of:

1. Vehicle speeds (this can be input for up to eight different vehicle types)
2. Vehicle miles of travel (VMT) (this can be input for up to eight different vehicle types and 25 vehicle age categories)
3. Average ambient temperature in the area
4. The urban area's registered vehicle distribution by type and age

In addition to the typical inputs listed above, MOBILE5 also allows the input of several locally determined variables such as the percentage of hot and cold starts and the percentage of non-catalytic cold starts in the area. With the exception of the first three items above, the program contains default values for use in areas which do not have locally determined estimates. The output from MOBILE5 consists of the mobile source emission factors for the area. These factors are estimates of the grams of pollutant being emitted per vehicle mile of travel for each of eight types of vehicles. Using VMT estimates for each vehicle type, the total grams of pollutants being emitted within the area may be estimated.

This discussion is an abbreviated description of the total process and is included here to illustrate how vehicle registration information is used in the process.

RESEARCH OBJECTIVES

Major urban areas in Texas, both attainment and nonattainment, must address air quality and energy consumption issues. The ability to accurately address these issues and project them into the future for planning purposes is dependent on the quality of data and information available to each urban area for analysis purposes. This research effort was designed to review and compile information on vehicle distribution by age and size within the 10 largest urban areas in Texas, evaluate trends in those vehicle distributions, and project the distributions for 2000, 2010, and 2020. The following specific objectives were identified for this project:

1. Research and summarize literature on historical information on vehicle distributions, methods for projecting those distributions, and information on vehicle emissions and energy consumption
2. Determine the historical patterns of vehicle ownership in the 10 largest urban areas in Texas
3. Develop a methodology for projecting vehicle distribution by age and size and apply the methodology to develop vehicle projections by age and size in the 10 largest urban areas in Texas
4. Evaluate the potential impact of changes in vehicle distributions on vehicle emissions and energy consumption in those urban areas

The project's primary objective is to develop the methodology and resultant projections of vehicle distributions for the 10 largest urban areas in Texas. These data could then be used in subsequent air quality analysis in those areas. The 10 largest urban areas in Texas according to the 1990 census were Houston, Dallas, Fort Worth-Arlington, San Antonio, Austin, El Paso, McAllen-Edinburg-Mission, Beaumont-Port Arthur, Corpus Christi, and Brownsville-Harlingen. These areas often included more than one city or urbanized area. To ensure that the resultant projections would be useful for air quality analysis in those areas, the decision was made to include the counties that comprised the

Metropolitan Statistical Area (MSA) which contained those urban areas in the analysis and subsequent projections. A total of 31 counties was analyzed as a part of this project.

LITERATURE REVIEW

Review of existing literature revealed a number of sources with data and information on registered vehicles in Texas and throughout the United States. The detail of the registration information varied; the majority of references typically contained total vehicle registrations with little detail on the vehicle types. For example, the *Highway Statistics 1989* report (4) published by the U.S. Department of Transportation, Federal Highway Administration, contains motor vehicle registration data for every state broken into public and private categories for automobiles, buses, and trucks. The *Texas Transportation Energy Data Book* (5) also contains historical registration data for Texas from 1970 through 1988 for automobiles and trucks and buses. Other sources of data include the Finance Division of the Texas Department of Transportation (TxDOT) (6) and the Motor Vehicle Manufacturers Association (7). The Finance Division of TxDOT publishes statistical data at the district and county level which include the total number of vehicles registered by county. The Motor Vehicle Manufacturers Association publishes an annual report which contains information on vehicle sales and new and total vehicle registrations by state for passenger cars and motor trucks. Some data are also given on buses and average age of passenger cars and trucks in use in the United States.

The information cited in the previous paragraph has been used, but it does not contain the level of detail necessary for this report's primary purpose. Specifically, data on the number of registered vehicles by vehicle type and model year at the urban or county level were needed for analysis and forecasting purposes. These data were available from TxDOT's Texas Department of Motor Vehicles Division. That division is responsible for collecting and maintaining vehicle registration data in each county in Texas. Historically, that division has a substantial amount of information, but a large portion of it was not available at the detail and form desired. The Motor Vehicles Division of TxDOT began compiling information in 1989 on registered vehicles by six vehicle types, vehicle model year, and automobile weight. An example of these data is presented in Tables 1 and 2 for Harris

County and was the primary information used in this study.

The second area of concern was identifying current methodologies being used to project vehicles by type and model year. A methodology for projecting estimates of the percentage of registered vehicles by age and type in an urban area has been documented and illustrated in the procedures for preparing emissions projections published in 1991 by the EPA (9). That methodology is based on the application of survival rates to a known distribution of registered vehicles to estimate the number of vehicles expected to remain in operation between two points in time. The survival rate was defined as the probability that a vehicle would be in operation at any given year of age. Estimates of new vehicle registrations could be made assuming that the annual percentage increase in new vehicle sales would reflect the local annual percentage increase in VMT. The number of vehicles that were one to 25 years old were estimated using the survival rates for that type of vehicle. The methodology proceeds in a step-wise format, estimating the number of vehicles that are expected to survive between the base year and the forecast year.

Table 1A
Harris County
1989 Automobile and Motorcycle Vehicle Registration (Example)

AUTOMOBILES							
YEAR MODEL	0001- 2000 LBS.	2001- 3000 LBS.	3001- 4000 LBS.	4001- 5000 LBS.	5001- 6000 LBS.	TOTAL AUTOS	TOTAL MOTORCYCLES
1989	688	40,754	36,707	2,560	438	81,147	617
1988	3,127	71,173	55,178	8,022	884	138,384	1,921
1987	2,006	64,688	44,868	4,872	675	117,109	2,684
1986	2,969	60,164	47,186	5,989	585	116,893	3,241
1985	2,848	55,652	59,376	5,827	693	124,396	2,756
1984	2,633	51,461	57,447	7,685	720	119,946	1,803
1983	2,166	31,548	42,103	6,905	515	83,237	2,235
1982	2,238	38,812	46,874	6,469	490	94,883	3,147
1981	2,592	35,341	49,785	6,248	388	94,354	2,364
1980	2,645	32,562	41,696	4,879	308	82,090	2,225
1979	1,739	22,158	55,698	13,489	430	93,514	1,543
1978	1,383	14,827	47,243	18,853	872	83,178	1,425
1977	848	7,954	29,612	22,996	714	62,124	739
1976	541	6,061	12,238	19,097	3,186	41,123	683
1975	389	3,278	7,131	9,812	1,814	22,424	720
1974	1,033	4,752	5,882	6,855	939	19,461	475
1973	796	3,203	5,559	6,113	641	16,312	546
1972	961	2,082	5,156	4,129	219	12,547	341
1971	1,029	1,463	3,685	2,177	84	8,438	244
1970	780	1,071	3,548	1,790	50	7,239	119
OLDER	2,438	8,736	15,206	4,457	321	31,158	470
TOTAL	35,849	557,740	672,178	169,224	14,966	1,449,957	30,298

Table 1B
Harris County
1989 Automobile and Motorcycle Vehicle Registration (Example)

AUTOMOBILES							
YEAR MODEL	001- 907 kg	908- 1361 kg	1362- 1814 kg	1815- 2268 kg	2269- 2722 kg	TOTAL AUTOS	TOTAL MOTORCYCLES
1989	688	40,754	36,707	2,560	438	81,147	617
1988	3,127	71,173	55,178	8,022	884	138,384	1,921
1987	2,006	64,688	44,868	4,872	675	117,109	2,684
1986	2,969	60,164	47,186	5,989	585	116,893	3,241
1985	2,848	55,652	59,376	5,827	693	124,396	2,756
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1975	389	3,278	7,131	9,812	1,814	22,424	720
1974	1,033	4,752	5,882	6,855	939	19,461	475
1973	796	3,203	5,559	6,113	641	16,312	546
1972	961	2,082	5,156	4,129	219	12,547	341
1971	1,029	1,463	3,685	2,177	84	8,438	244
1970	780	1,071	3,548	1,790	50	7,239	119
OLDER	2,438	8,736	15,206	4,457	321	31,158	470
TOTAL	35,849	557,740	672,178	169,224	14,966	1,449,957	30,298

Table 2A
Harris County
1989 Truck Vehicle Registration (Example)

LIGHT DUTY TRUCKS				HEAVY DUTY (OVER 8500 LBS.) TRUCKS			
YEAR MODEL	0001-6000 LBS. (LDGT-1)	6001-8500 LBS. (LDGT-2)	TOTAL LIGHT DUTY	GASOLINE (HDGT)	DIESEL (HDDV)	TOTAL HEAVY DUTY TRUCKS	TOTAL TRUCKS (ALL WTS)
1989	20,206	1,999	22,205	802	434	1,236	23,441
1988	39,715	3,280	42,995	1,589	714	2,303	45,298
1987	32,081	1,925	34,006	1,234	691	1,925	35,931
1986	36,023	2,995	39,018	1,364	704	2,068	41,086
1985	37,776	3,451	41,227	1,681	842	2,523	43,750
1984	37,119	3,638	40,757	1,853	903	2,756	43,513
1983	22,484	2,409	24,893	1,092	563	1,655	26,548
1982	28,586	2,998	31,584	2,059	944	3,003	34,587
1981	24,801	1,844	26,645	1,719	1,107	2,826	29,471
1980	16,735	1,840	18,575	1,589	739	2,328	20,903
1979	22,346	3,397	25,743	2,105	1,046	3,151	28,894
1978	20,879	2,521	23,400	1,757	719	2,476	25,876
1977	16,185	2,515	18,700	1,242	586	1,828	20,528
1976	11,744	1,877	13,621	802	259	1,061	14,682
1975	6,511	1,121	7,632	726	298	1,024	8,656
1974	6,597	715	7,312	662	273	935	8,247
1973	5,660	452	6,112	618	238	856	6,968
1972	5,115	241	5,356	443	128	571	5,927
1971	3,399	231	3,630	319	82	401	4,031
1970	3,187	161	3,348	259	67	326	3,674
OLDER	12,656	628	13,284	750	170	920	14,204
TOTAL	409,805	40,238	450,043	24,665	11,507	36,172	486,215

LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
HDGT = Heavy-duty gasoline powered trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel powered vehicles over 8,500 pounds (3,856 kilograms)

Table 2B
Harris County
1989 Truck Vehicle Registration (Example)

LIGHT-DUTY TRUCKS				HEAVY DUTY (OVER 3856 kg) TRUCKS			
YEAR MODEL	0001-2722 kg (LDGT-1)	2723-3856 kg (LDGT-2)	TOTAL LIGHT DUTY	GASOLINE (HDGT)	DIESEL (HDDT)	TOTAL HEAVY DUTY TRUCKS	TOTAL TRUCKS (ALL WTS)
1989	20,206	1,999	22,205	802	434	1,236	23,441
1988	39,715	3,280	42,995	1,589	714	2,303	45,298
1987	32,081	1,925	34,006	1,234	691	1,925	35,931
1986	36,023	2,995	39,018	1,364	704	2,068	41,086
1985	37,776	3,451	41,227	1,681	842	2,523	43,750
1984	37,119	3,638	40,757	1,853	903	2,756	43,513
1983	22,484	2,409	24,893	1,092	563	1,655	26,548
1982	28,586	2,998	31,584	2,059	944	3,003	34,587
1981	24,801	1,844	26,645	1,719	1,107	2,826	29,471
1980	16,735	1,840	18,575	1,589	739	2,328	20,903
1979	22,346	3,397	25,743	2,105	1,046	3,151	28,894
1978	20,879	2,521	23,400	1,757	719	2,476	25,876
1977	16,185	2,515	18,700	1,242	586	1,828	20,528
1976	11,744	1,877	13,621	802	259	1,061	14,682
1975	6,511	1,121	7,632	726	298	1,024	8,656
1974	6,597	715	7,312	662	273	935	8,247
1973	5,660	452	6,112	618	238	856	6,968
1972	5,115	241	5,356	443	128	571	5,927
1971	3,399	231	3,630	319	82	401	4,031
1970	3,187	161	3,348	259	67	326	3,674
OLDER	12,656	628	13,284	750	170	920	14,204
TOTAL	409,805	40,238	450,043	24,665	11,507	36,172	486,215

STUDY PROCEDURE

The analysis proposed for this project was to use historical information and develop a methodology for projecting the future vehicle distributions by type and model year (i.e., age). Given a base year vehicle distribution (for example, those shown in Table 1 for Harris County), the future vehicle distribution will be dependent on the following elements:

1. The number of new vehicles purchased and registered in the county
2. The number of old vehicles that have not been removed from the fleet of operating vehicles (i.e., scrapped)
3. The number of new and/or old vehicles migrating in to and out of the county

In many ways, the vehicle population is similar to the county population in terms of how it may be expected to change over time. This logic lead to the decision to approach the initial estimate of vehicle distributions in the same manner as a cohort survival methodology for projecting an area's population changes.

This cohort survival methodology required developing new vehicle purchase estimates (similar to births), developing estimates of the number of vehicles that would be scrapped (i.e., removed from the operating fleet), and developing estimates of the net migration of vehicles by age for the area being analyzed.

A second approach for projecting future vehicle distributions was hypothesized in terms of the average age of the vehicles in operation within an area. It has been noted and will be illustrated later that vehicle distribution by age appears to follow a fairly consistent pattern which could possibly be estimated using a mathematical relationship. The relationship was similar to that observed for household distribution by income within urban areas. This procedure would be more of a theoretical approach which would develop a mathematical relationship between vehicle distribution by age and average age of the vehicles. Its application in developing future distributions requires estimating the average vehicle age and using that to develop an estimate of vehicle distribution by age. A similar procedure has been used to develop future estimates of household distribution by household income (10).

Following the development and application of a method to project future vehicle

distribution, the next step was to evaluate those projections in terms of their impact on air quality and energy consumption. The impacts of major shifts in the future distributions would also be evaluated. These impacts would be evaluated for one or possibly two of the urban areas under study with the assumption being that similar impacts could be expected in other urban areas having similar changes. The procedure selected for these analyses utilized the MOBILE5 software package; the data setups were held constant, and only the input vehicle distributions for the area changed. This permitted evaluating the relative impact of vehicle distributions changes on air quality. Energy consumption was more difficult because a software package was not available, and the impact of changes in vehicle distributions had to be estimated based on trends in vehicle fuel economy.

The analysis procedure was based on using historical data to develop projections. The projections for a single area were used to estimate (on a relative basis) the impacts of future changes in vehicle registrations on air quality and energy. This allowed general observations and conclusions concerning trends in vehicle fleets.

VEHICLE REGISTRATION PATTERNS

Registration data on vehicles in Texas have been collected for many years. Not until 1989, however, was software developed to compile the data by vehicle type and model year. The data available for this project were limited to data from 1989 through 1992 for most of the counties under study and from 1990 through 1992 for some of the counties. Table 3 presents the 10 urban areas and the counties comprising their MSAs that were analyzed as a part of this project. A total of 31 counties were included. Appendix A contains the number of vehicles by model year registered in each of the counties shown in Table 3.

Six vehicle types were compiled by the Motor Vehicle Registration Division of TxDOT: automobiles (normally referred to as light-duty gasoline vehicles), motorcycles (MC), light-duty trucks (LDGT-1) under 6,000 pounds (2,722 kilograms), light-duty trucks (LDGT-2) over 6,000 pounds (2,722 kilograms), heavy-duty gasoline powered trucks (HDGT) over 8,500 pounds (3,856 kilograms), and heavy-duty diesel powered trucks (HDDV) over 8,500 pounds (3,856 kilograms). Two additional vehicle types are used in air quality analysis; these are light-duty diesel vehicles and light-duty diesel trucks weighing up to 8,500 pounds (3,856 kilograms). It is assumed for purposes of air quality analysis in MOBILE5 that LDDV distribution is the same as that for light-duty gasoline vehicles (LDGV). It is also assumed that light-duty diesel trucks (LDDT) distribution is the same as that for LDGT-1. These assumptions are incorporated into the estimated distributions in this report.

Table 4 presents the total registered vehicles by type and year for each of the counties under study. The order of the counties presented in Table 4 differs from that in Table 3 simply to optimize the amount of information per page. The total vehicles registered in these 31 counties in 1992 was which represented percentage of the total vehicles registered in Texas. Using county population estimates and projections from the Texas Comptroller of Public Accounts, the vehicles per capita were computed and are shown in Table 5 for the urban areas under study and for Texas. The 10 largest urban areas in the state have the majority of registered vehicles and the highest number of vehicles per capita.

Table 3
Texas Urban Areas and Counties

Urban Area	County
Houston	Brazoria
	Chambers
	Fort Bend
	Galveston
	Harris
	Liberty
	Montgomery
	Waller
Dallas	Collin
	Dallas
	Denton
	Ellis
	Kaufman
	Rockwall
Fort-Worth-Arlington	Johnson
	Parker
	Tarrant
San Antonio	Bexar
	Comal
	Guadalupe
Austin	Hays
	Travis
	Williamson
El Paso	El Paso
McAllen-Edinburg-Mission	Hidalgo
Beaumont-Port Arthur	Hardin
	Jefferson
	Orange
Corpus Christi	Nueces
	San Patricio
Brownsville-Harlingen	Cameron

Table 4
Registered Vehicles by Type and Year

Urban Area	County	Year	LDGV	LDGT-1	LDGT-2	HDGT	HDDV	MC	Total
Houston	Brazoria	1989	-	-	-	-	-	-	-
		1990	87,455	44,473	5,165	2,145	692	2,678	142,608
		1991	97,256	49,857	5,724	2,284	876	2,883	158,880
		1992	95,664	49,709	5,869	2,306	890	2,500	156,938
	Chambers	1989	-	-	-	-	-	-	-
		1990	8,284	5,855	806	481	147	176	15,749
		1991	9,001	6,384	879	508	167	217	17,156
		1992	9,238	6,497	913	421	119	200	17,388
	Fort Bend	1989	91,117	29,637	3,315	1,452	586	2,048	128,155
		1990	105,282	33,451	3,555	1,413	657	2,118	146,476
		1991	122,079	38,355	3,909	1,439	733	2,330	168,845
		1992	125,038	39,073	3,988	1,453	803	2,063	172,418
	Galveston	1989	101,623	38,417	3,324	1,395	450	3,289	148,498
		1990	106,684	40,725	3,490	1,320	449	3,241	155,909
		1991	115,898	44,458	3,799	1,385	577	3,375	169,492
		1992	114,704	44,774	3,937	1,357	606	2,964	168,342
	Harris	1989	1,449,957	409,805	40,238	24,665	11,507	30,298	1,966,470
		1990	1,509,166	434,160	42,195	25,318	13,369	29,150	2,053,358
		1991	1,619,152	477,207	45,138	25,989	14,956	28,397	2,210,839
		1992	1,583,545	471,198	44,710	25,126	14,984	23,488	2,163,051
	Liberty	1989	20,559	13,778	1,826	1,012	415	457	38,047
		1990	21,699	14,614	1,959	901	405	503	40,081
		1991	24,882	16,816	2,273	947	446	546	45,910
		1992	22,933	15,526	2,156	889	424	460	42,388
	Montgomery	1989	84,455	38,656	4,264	1,851	637	2,485	132,348
		1990	89,625	41,279	4,569	1,847	683	2,554	140,557
		1991	94,795	43,902	4,874	1,842	729	2,622	148,764
		1992	97,332	45,137	5,074	1,855	771	2,257	152,426
	Waller	1989	10,053	7,923	1,605	489	73	270	20,413
		1990	9,921	7,679	1,433	449	69	233	19,784
		1991	9,472	5,852	1,115	406	67	223	17,135
		1992	9,633	6,010	1,230	381	87	175	17,156

Table 4 (Continued)
Registered Vehicles by Type and Year

Urban Area	County	Year	LDGV	LDGT-1	LDGT-2	HDGT	HDDV	MC	Total
Dallas	Collin	1989	-	-	-	-	-	-	-
		1990	157,357	36,907	3,849	1,456	395	3,750	203,714
		1991	179,023	43,235	4,320	1,669	470	3,957	232,674
		1992	180,913	43,647	4,402	1,570	433	3,588	234,553
	Dallas	1989	-	-	-	-	-	-	-
		1990	1,109,684	286,570	27,418	21,382	7,569	21,771	1,474,394
		1991	1,154,426	295,326	27,293	21,224	8,042	20,417	1,526,728
		1992	1,113,177	285,326	25,871	20,484	7,383	16,784	1,469,025
	Denton	1989	-	-	-	-	-	-	-
		1990	142,540	44,392	4,537	1,738	461	4,231	197,899
		1991	158,727	48,525	4,824	1,836	521	4,310	218,743
		1992	159,560	48,731	4,862	1,811	533	3,672	219,169
	Ellis	1989	-	-	-	-	-	-	-
		1990	43,188	20,669	2,396	1,064	318	1,191	68,826
		1991	46,088	22,811	2,547	1,030	312	1,166	73,954
		1992	45,324	22,817	2,558	1,016	304	955	72,974
	Kaufman	1989	21,678	12,904	1,716	653	125	619	37,695
		1990	25,749	14,837	1,904	641	123	609	43,863
		1991	26,694	15,045	1,885	635	132	647	45,038
		1992	25,938	14,942	1,819	580	126	538	43,943
	Rockwall	1989	12,810	5,345	667	246	80	341	19,489
		1990	14,120	5,828	690	260	72	360	21,330
		1991	16,201	6,567	725	251	98	389	24,231
		1992	16,503	6,576	739	244	113	347	24,522
Corpus Christi	Nueces	1989	137,098	47,930	5,261	3,547	1,342	3,537	198,715
		1990	141,393	50,232	5,421	3,466	1,318	3,055	204,885
		1991	146,790	52,248	5,637	3,571	1,434	3,033	212,713
		1992	147,808	51,518	5,591	3,458	1,313	2,576	212,264
	San Patricio	1989	24,337	10,422	1,442	912	328	595	38,036
		1990	23,519	10,877	1,356	803	147	549	37,251
		1991	27,294	12,143	1,477	900	170	531	42,515
		1992	25,976	11,745	1,409	813	174	396	40,513

Table 4 (Continued)
Registered Vehicles by Type and Year

Urban Area	County	Year	LDGV	LDGT-1	LDGT-2	HDGT	HDDV	MC	Total
Fort Worth -Arlington	Johnson	1989	44,571	23,828	2,817	1,140	250	1,500	74,106
		1990	47,017	25,207	2,974	1,095	242	1,409	77,944
		1991	49,311	26,567	3,149	1,074	284	1,399	81,784
		1992	48,213	26,211	3,155	989	254	1,122	79,944
	Parker	1989	28,221	16,777	2,752	890	201	791	49,632
		1990	30,280	17,765	2,893	878	206	808	52,830
		1991	32,652	18,420	2,825	880	216	890	55,883
		1992	32,467	18,578	2,961	836	226	810	55,878
	Tarrant	1989	673,320	195,928	18,259	10,138	3,612	19,237	920,494
		1990	702,173	207,166	18,570	9,858	3,761	18,255	959,783
		1991	725,883	217,692	18,890	9,853	3,965	17,526	993,809
		1992	719,429	214,535	18,575	9,616	3,761	14,736	980,652
San Antonio	Bexar	1989	-	-	-	-	-	-	-
		1990	605,871	179,858	16,710	10,595	4,611	11,421	829,066
		1991	639,546	191,506	18,345	10,288	4,981	11,367	876,033
		1992	634,954	191,102	18,506	9,970	5,084	9,571	869,187
	Comal	1989	-	-	-	-	-	-	-
		1990	26,813	11,700	1,561	622	374	813	41,883
		1991	30,838	13,095	1,796	676	400	888	47,693
		1992	29,984	13,246	1,797	645	412	735	46,819
	Guadalupe	1989	29,209	12,672	1,564	759	266	808	45,278
		1990	30,663	13,605	1,707	721	269	835	47,800
		1991	30,562	14,063	1,736	700	266	816	48,116
		1992	31,692	14,519	1,850	650	257	752	49,720
El Paso	El Paso	1989	-	-	-	-	-	-	-
		1990	268,732	79,631	5,944	3,485	1,083	5,167	364,042
		1991	285,794	84,814	6,114	3,529	1,007	5,080	386,338
		1992	277,236	81,917	5,841	3,306	963	4,353	373,616
McAllen- Edinburg- Mission	Hidalgo	1989	137,412	51,310	4,886	5,192	875	2,548	202,223
		1990	149,205	55,109	4,980	5,178	941	2,268	217,681
		1991	165,792	60,864	5,253	5,104	1,001	1,985	239,999
		1992	157,803	58,631	4,990	4,725	983	1,590	228,722

Table 4 (Continued)
Registered Vehicles by Type and Year

Urban Area	County	Year	LDGV	LDGT-1	LDGT-2	HDGT	HDDV	MC	Total
Austin	Hays	1989	26,798	11,631	1,386	531	197	1,147	41,690
		1990	26,786	11,731	1,402	507	149	992	41,567
		1991	28,992	12,562	1,448	512	143	968	44,625
		1992	29,215	12,624	1,417	460	153	842	44,711
	Travis	1989	312,673	85,294	7,526	4,079	1,644	11,094	442,310
		1990	322,516	87,365	7,626	3,845	1,515	10,383	433,250
		1991	341,922	92,778	7,773	3,659	1,557	9,943	457,632
		1992	344,533	93,876	7,825	3,656	1,532	8,617	460,039
	Williamson	1989	64,009	24,957	2,730	1,406	324	1,748	95,174
		1990	70,903	27,024	2,828	1,304	310	1,927	104,296
		1991	78,831	28,458	2,988	1,344	323	2,112	114,056
		1992	80,326	31,013	3,044	1,331	334	1,877	117,925
Beaumont- Port Arthur	Hardin	1989	18,349	11,741	1,076	437	134	369	32,106
		1990	18,644	11,772	1,115	455	159	605	32,750
		1991	17,772	11,600	1,047	379	128	349	31,275
		1992	18,403	12,229	1,141	374	123	296	32,566
	Jefferson	1989	122,851	46,468	3,458	2,212	728	2,899	178,616
		1990	125,716	48,883	3,694	2,256	822	2,713	184,084
		1991	128,747	51,575	3,902	2,259	1,009	2,675	190,167
		1992	124,724	51,017	3,963	2,218	936	2,319	185,177
	Orange	1989	37,449	18,541	1,317	613	184	1,002	59,106
		1990	38,661	20,158	1,464	622	188	1,006	62,099
		1991	41,796	22,561	1,625	658	235	972	62,847
		1992	40,370	22,311	1,659	634	233	823	66,030
Brownsville- Harlingen	Cameron	1989	-	-	-	-	-	-	-
		1990	101,311	31,982	2,734	2,042	484	1,762	140,315
		1991	116,352	37,420	3,071	2,236	590	1,707	161,376
		1992	112,155	36,634	2,876	2,082	551	1,284	155,582

LDGV = Light-duty gasoline vehicles
 LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
 LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
 HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
 HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
 MC = Motorcycles

Table 5
Vehicles per Capita

Urban Area	Year	Estimated Population	Total Registered Vehicles	Vehicles per Capita
Houston	1990	3,731,131	2,714,522	.7275
	1991	3,830,204	2,937,021	.7557
	1992	3,886,594	2,890,467	.7437
Dallas	1990	2,470,461	2,010,026	.8136
	1991	2,625,001	2,121,368	.8081
	1992	2,671,602	2,064,186	.7726
Fort Worth-Arlington	1990	1,332,053	1,090,557	.8187
	1991	1,371,959	1,131,476	.8247
	1992	1,398,899	1,116,474	.7981
San Antonio	1990	1,302,099	918,749	.7056
	1991	1,331,515	971,769	.7298
	1992	1,348,096	965,726	.7164
Austin	1990	781,572	579,113	.7410
	1991	799,673	616,313	.7707
	1992	812,056	622,675	.7668
El Paso	1990	591,610	364,042	.6153
	1991	610,211	386,338	.6331
	1992	622,966	373,616	.5997
McAllen-Edinburg-Mission	1990	383,545	217,681	.5676
	1991	398,067	239,999	.6029
	1992	408,450	228,722	.5600

Table 5 (Continued)
Vehicles per Capita

Urban Area	Year	Estimated Population	Total Registered Vehicles	Vehicles per Capita
Beaumont-Port Arthur	1990	361,226	278,933	.7722
	1991	365,551	289,289	.7914
	1992	365,953	283,773	.7754
Corpus Christi	1990	349,894	242,136	.6920
	1991	357,643	255,228	.7136
	1992	361,499	252,777	.6992
Brownsville-Harlingen	1990	260,120	140,315	.5394
	1991	268,094	161,376	.6019
	1992	273,260	155,582	.4168
Texas	1990	16,986,510	12,812,059	.7542
	1991	17,386,691	13,548,593	.7793
	1992	17,615,745	13,191,938	.7489

The data presented in Appendix A represent the primary data used in this study. They have been changed for consistency purposes between the years. When the vehicle registration data were initially compiled for vehicle type and model year, it was being done for the previous 20 years. This was changed in 1992 in response to changes made by EPA in their MOBILE5 program to have vehicle registration data input for 25 model years in lieu of 20 model years.

An algorithm was developed which, in essence, distributed the 20-plus-year-old registered vehicles over a 5-year period. The methodology used was to begin with the 21- to 25-year-old registered vehicles in 1992 (actual registrations). An estimate of the number of those vehicles that were registered in the previous year (e.g., 1991) was developed by dividing the 1992 value by the survival rate for the appropriate year. Survival rates were computed by subtracting the scrappage rates from 1.0. Scrappage and survival rates are shown in Table 6 for three categories of vehicles. The assumption was made that the rates for automobiles would be applicable to LDGV, the rates for all trucks would be applicable to HDGT and HDDV, and the rates for light-duty trucks would be applicable to LDGT-1 and LDGT-2. For example, in Harris County 3,829 model year 1969 LDGV were registered

in 1992. These vehicles were 24 years old in 1992. In 1991, these vehicles would have been 23 years old, and the scrappage rate for vehicles 23 years old is 0.21683. This implies that about 21.68 percent of the 23-year-old vehicles would be scrapped and removed from the operating fleet between 1991 and 1992; or, in other words, about 78.32 percent of those vehicles would survive and be registered in 1992. An initial estimate of the model year 1969 vehicles registered in 1991 was computed by dividing 3,829 by 0.7832 which would yield 4,889. Following a similar procedure estimates were computed for vehicles aged 21 to 25 years for 1991. These were then totaled and proportionally scaled to match the total number of vehicles registered in 1991 that were 20 years and older. This procedure was followed for each type of vehicle, and the 1989 through 1991 estimates of vehicles 21 to 25-plus years old were developed. These are reflected in the data presented in Appendix A.

Scrappage rates for motorcycles are shown in Table 7. The scrappage rates were the percentage of the estimated population in use that were scrapped in 1990. The low scrappage rate for motorcycles 12 years old and older was not considered a representative value, since it implied that over 99 percent of all motorcycles 12 or more years in age would survive. It should be noted that the motorcycle distribution required for input to MOBILE5 is only 12 years. For this reason, the data for motorcycles shown in the tables presented in this report reflect only a vehicle distribution up to 12 years old and older. The scrappage rate for motorcycles 12 or more years in age was estimated using motorcycle registration data for the state. The scrappage rates used for motorcycles are shown in Table 8.

Using the data shown in Appendix A in combination with other data, the next step was to develop a procedure for analyzing the data. This is presented in the next section.

Table 6
Scrappage and Survival Rates for Automobiles,
All Trucks, and Light Trucks

Vehicle Age (Years)	Automobiles (1978-89)		All Trucks (1978-89)		Light Trucks (1978-88)	
	Scrappage Rate	Survival Rate	Scrappage Rate	Survival Rate	Scrappage Rate	Survival Rate
0	0.00000	1.00000	0.00000	1.00000	0.00000	1.00000
1	0.00441	0.99559	0.00312	0.99688	0.00249	0.99751
2	0.00674	0.98888	0.00461	0.99228	0.00383	0.99369
3	0.01025	0.97874	0.00676	0.98557	0.00583	0.98790
4	0.01546	0.96361	0.00980	0.97591	0.00877	0.97923
5	0.02303	0.94142	0.01399	0.96226	0.01296	0.96654
6	0.03368	0.90971	0.01957	0.94343	0.01869	0.94848
7	0.04803	0.86602	0.02663	0.91830	0.02606	0.92376
8	0.06629	0.80861	0.03507	0.88609	0.03488	0.89154
9	0.08790	0.73753	0.04445	0.84671	0.04454	0.85182
10	0.11137	0.65539	0.05408	0.80092	0.05416	0.80569
11	0.13460	0.56717	0.06320	0.75030	0.06285	0.75505
12	0.15557	0.47894	0.07121	0.69687	0.07006	0.70215
13	0.17300	0.39608	0.07776	0.64268	0.07562	0.64905
14	0.18650	0.32221	0.08285	0.58944	0.07967	0.59734
15	0.19641	0.25893	0.08662	0.53838	0.08251	0.54805
16	0.20339	0.20626	0.08932	0.49029	0.08443	0.50178
17	0.20818	0.16332	0.09122	0.44557	0.08571	0.45877
18	0.21140	0.12880	0.09253	0.40434	0.08655	0.41907
19	0.21353	0.10130	0.09343	0.36656	0.08710	0.38257
20	0.21493	0.07952	0.09403	0.33209	0.08745	0.34911
21	0.21585	0.06236	0.09444	0.30073	0.08768	0.31850
22	0.21644	0.04886	0.09471	0.27225	0.08783	0.29052
23	0.21683	0.03827	0.09490	0.24641	0.08793	0.26498
24	0.21708	0.02996	0.09502	0.22300	0.08799	0.24166
25	0.21724	0.02345	0.09510	0.20179	0.08803	0.22039

Source: (10)

Table 7
Initial Estimates of Motorcycle Scrappage Rates

YEAR SOLD NEW	AGE	EST. POPULATION IN USE		EST. NO. SCRAPPED IN 1990	SCRAPPAGE RATES	SURVIVAL RATES
		1989	1990			
1990	-	-	448	-	-	-
1989	1	491	471	20	0.04160	.9584
1988	2	643	606	37	0.05930	.9407
1987	3	815	727	88	0.11450	.8855
1986	4	791	731	60	0.07900	.9210
1985	5	847	729	118	0.15060	.8494
1984	6	753	643	110	0.15860	.8414
1983	7	558	445	113	0.22820	.7718
1982	8	346	295	51	0.16015	.8399
1981	9	332	275	57	0.18950	.8105
1980	10	263	228	35	0.14330	.8567
1979	11	201	171	30	0.16235	.8377
BEFORE 1979	12 OR MORE	1545	1531	14	0.00910	.9909
TOTAL		7585	7300	733		

Source: (12).

Table 8
Final Motorcycle Scrappage Rates

AGE	SCRAPPAGE RATES	SURVIVAL RATES
1	0.04160	0.95840
2	0.05930	0.94070
3	0.11450	0.88550
4	0.07900	0.92100
5	0.15060	0.84940
6	0.15860	0.84140
7	0.22820	0.77180
8	0.16015	0.83985
9	0.18950	0.81050
10	0.14330	0.85670
11	0.16235	0.83765
12	0.12931	0.87069

ANALYSIS PROCEDURE

The primary objective of this study was to develop projections of vehicle distributions for use in air quality and energy consumption analyses for the years 2000, 2010, and 2020. In addition, the potential impact of those projections on air quality and energy consumption would also be evaluated. These objectives were accomplished using data shown in Appendix A as well as other data presented in this report. The procedure for projecting vehicle distributions by age was developing using a limited amount of historical information. In the counties being analyzed, only three to four years of data were available, a limited amount of historical data to establish trends. Short-term trends extrapolated over a 20-plus-year period could easily yield unreasonable results. A methodology was needed that could utilize the available data and yield reasonable results. A two-prong approach was selected to maximize the use of existing data and minimize the possibility for unreasonable results. The first approach was to develop a cohort survival model to estimate the change in vehicle registrations from one year to the next. Incrementing the model over the 28-year span from 1992 to 2020 would produce yearly estimates of the registered vehicles by age and type for each county. A second approach was to develop a theoretical distribution based on fitting a mathematical relationship to the available data. It was anticipated that a methodology similar to the one used for projecting household income distributions could be developed even if a different mathematical relationship was used.

The use of two independent methods for developing projections would most likely yield different results. After reviewing the results for each, a decision would be made as to the best single projection or possibly a combination of the two projections to recommend for use in further analysis.

Following the development of the recommended projections, an evaluation of the potential impact of future vehicle registrations would be done using the MOBILE5 software. This would be accomplished by first inputting the projections for a single urban area and developing emission factors using MOBILE5. Next, the input distributions would be amended both up and down in terms of average vehicle age and then input to MOBILE5 holding all other factors constant. The resulting differences in emission rates would then

represent the potential impact of changes in future vehicle registrations on air quality. The evaluation of the potential impact of future vehicle registrations on energy consumption would be done using average fuel consumption data for vehicles by age applied to the different vehicle distributions. Again, the differences would be representative of the potential impact on energy given different projections of vehicle distributions by age.

The next step was to develop the projections. The methodology and results are presented in the following section.

PROJECTION METHODOLOGY

The methodology proposed for the development of projections of vehicle distributions by age was actually two independent techniques, one being a cohort survival method and the other being a theoretical curve fit methodology. While these techniques were used for projecting the vehicle distributions, it was also necessary to develop estimates of the total number of vehicles by type. A review of the data (shown in Appendix A) indicated the possibility of shifting patterns of vehicle ownership between vehicle types. While the application of the cohort survival technique would produce estimates of the number of vehicles by age from each year to the next, it was noted that applying the technique in single year steps could produce continually declining or increasing values which, over a 20-plus year period, could yield unreasonable results.

The projection of vehicle distributions was done by first projecting the total number of vehicles by type and then using the two previously mentioned techniques to estimate the vehicle distributions. These are discussed separately in the following sections.

TOTAL VEHICLE PROJECTIONS

Total vehicle projections were developed by two methods. The first was a linear regression which related the total vehicles (dependent variable) to the total population (independent variable). The second method used the 1992 average vehicles per capita for the county multiplied by the county's forecast population. The estimate used was the larger of the two results.

The next step was to estimate the number of vehicles by type within the county. This was accomplished by performing a linear curve fit on the natural log of the percentage of the total vehicles that were type "i" (dependent variable) versus the natural log of the population in the county (independent variable). The results were then used to estimate the percentage of the county's total vehicles of each type. This was applied to the total vehicles to estimate the number of vehicles by vehicle type.

COHORT SURVIVAL METHOD

The cohort survival method is a technique developed for forecasting population. Its basic theory is that the change in the area's population is a result of three factors, the number of births, deaths, and the net migration (which could be positive or negative). In a similar manner, it was hypothesized that the change in the number of vehicles (for a given age) in a county could be attributed to the number of vehicles scrapped (i.e., removed from the operating fleet) and the number of vehicles which would migrate in to and out of the county. The number of new vehicles registered in a county would be attributable to the number purchased in the county and the number which would migrate into and out of the county. The information needed to develop and apply this methodology was scrappage rates, migration factors, and a method for estimating new vehicle registrations.

Scrappage Rates

As stated previously, scrappage rates are estimates of the percentage of vehicles of a given age that will be scrapped or removed from the operating fleet of vehicles. Table 9 presents the rates used in this study. These rates were taken from Tables 6 and 8 with the assumption that some rates were applicable to similar types of vehicles. The application of the scrappage rates uses the survival rate which is mathematically equivalent to 1.0 minus the scrappage rate. This is discussed in more detail later.

Migration Factors

Virtually no information was found concerning migration factors for vehicles. Estimates of these were developed using county vehicle registration data. If the assumption is made that the scrappage rates are an accurate estimate of the number of vehicles removed from the operating fleet, then the difference between estimated and actual, after applying the scrappage rates to the existing vehicle registration data, may be attributed to the net migration of vehicles that age. For example, applying the scrappage rates (i.e., in effect the survival rates are applied) to the vehicles registered in 1989 produced an estimated 1990 vehicle registration (with the exception of new vehicles). A migration factor was then computed for each vehicle age group (i.e., cohort) by dividing the actual number

**Table 9
Scrappage Rates**

Vehicle Age	Vehicle Type					
	LDGV	LDGT-1	LDGT-2	HDGT	HDDV	MC
1	0.00441	0.00249	0.00249	0.00312	0.00312	0.04160
2	0.00674	0.00383	0.00383	0.00461	0.00461	0.05930
3	0.01025	0.00583	0.00583	0.00676	0.00676	0.11450
4	0.01546	0.00877	0.00877	0.00980	0.00980	0.07900
5	0.02303	0.01296	0.01296	0.01399	0.01399	0.15060
6	0.03368	0.01869	0.01869	0.01957	0.01957	0.15860
7	0.04803	0.02606	0.02606	0.02663	0.02663	0.22820
8	0.06629	0.03488	0.03488	0.03507	0.03507	0.16015
9	0.08790	0.04454	0.04454	0.04445	0.04445	0.18950
10	0.11137	0.05416	0.05416	0.05408	0.05408	0.14330
11	0.13460	0.06285	0.06285	0.06320	0.06320	0.16235
12	0.15557	0.07006	0.07006	0.07121	0.07121	0.12931
13	0.17300	0.07562	0.07562	0.07776	0.07776	-
14	0.18650	0.07967	0.07967	0.08285	0.08285	-
15	0.19641	0.08251	0.08251	0.08662	0.08662	-
16	0.20339	0.08443	0.08443	0.08932	0.08932	-
17	0.20818	0.08571	0.08571	0.09122	0.09122	-
18	0.21140	0.08655	0.08655	0.09253	0.09253	-
19	0.21353	0.08710	0.08710	0.09343	0.09343	-
20	0.21493	0.08745	0.08745	0.09403	0.09403	-
21	0.21585	0.08768	0.08768	0.09444	0.09444	-
22	0.21644	0.08783	0.08783	0.09471	0.09471	-
23	0.21683	0.08793	0.08793	0.09493	0.09493	-
24	0.21708	0.08799	0.08799	0.09502	0.09502	-
25+	0.21724	0.08803	0.08803	0.09510	0.09510	-

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

Table 10
Migration Factor Computational Procedure

Model Year	Vehicle Age in 1989	Registered LDGV Vehicles in 1989	LDGV Scrappage Rate	Estimated Registered LDGV Vehicles in 1990	Actual Registered LDGV Vehicles in 1990	Migration Factor
1990	-	-	-	-	110,475	-
1989	1	81,147	0.00441	80,789	136,596	1.6908
1988	2	138,384	0.00674	137,451	125,336	0.9119
1987	3	117,109	0.01025	115,909	112,720	0.9725
1986	4	116,893	0.01546	115,086	113,126	0.9830
1985	5	124,396	0.02303	121,531	119,614	0.9842
1984	6	119,946	0.03368	115,906	115,410	0.9957
1983	7	83,237	0.04803	79,239	80,012	1.0098
1982	8	94,883	0.06629	88,593	90,023	1.0161
1981	9	94,354	0.08790	86,060	87,936	1.0218
1980	10	82,090	0.11137	72,948	74,438	1.0204
1979	11	93,514	0.13460	80,927	83,911	1.0369
1978	12	83,178	0.15557	70,238	72,414	1.0310
1977	13	62,124	0.17300	51,377	53,211	1.0357
1976	14	41,123	0.18650	33,454	33,676	1.0066
1975	15	22,424	0.19641	18,020	18,009	0.9994
1974	16	19,461	0.20339	15,503	15,784	1.0181
1973	17	16,312	0.20818	12,916	13,466	1.0426
1972	18	12,547	0.21140	9,895	10,620	1.0733
1971	19	8,438	0.21353	6,636	6,693	1.0086
1970	20	6,367	0.21493	4,999	5,924	1.1850
1969	21	5,617	0.21585	4,405	5,223	1.1857
1968	22	5,271	0.21644	4,130	4,900	1.1864
1967	23	5,857	0.21683	4,587	5,443	1.1866
1966	24	1,419	0.21708	11,965	14,206	1.1873
1965+	25+	13,866	0.21724	-	-	-

of vehicles registered by the estimated number of vehicles registered. Table 10 presents an example of how this computation was done for LDGV for the years 1989 to 1990 in Harris County. The same procedure was applied for each of the six vehicle types for 1989 to 1990, 1990 to 1991, and 1991 to 1992.

Two options were next considered. One was to average the three (or two, in some cases) sets of migration factors and use an average for projection purposes. The second option was to develop a mathematical method for estimating the migration factor for future years. Since migration factors will probably not be constant over time, the decision was made to pursue the second option. A linear regression was performed with the migration factor as the dependent variable and the population growth ratio the independent factor. This regression was done on each age cohort and each type of vehicle individually for each county under analysis. Since some vehicle types in some counties tended to have very small numbers, there was a possibility that very large migration factors could be generated with both the actual data and the resulting curve fit. This was checked; and, when small numbers were encountered, the migration factor for that age cohort was computed as the ratio of the total actual number of registered vehicles to the total estimated number of vehicles. This appeared to produce reasonable results.

New Vehicle Registrations

New vehicle registrations within any given county were hypothesized to be dependent on a number of factors including population growth, local economic conditions, and others. The data available to this study included population projections for Texas counties, and it was decided to use that variable as a basis for estimating new vehicle registrations. A trend analysis was also attempted for developing these estimates, but the results did not produce a reasonable model.

A linear regression was performed with new vehicles per capita as the dependent variable and total vehicles per capita as the independent variable. It should be noted that these variables were for each vehicle type which implied that in order to estimate the new vehicles per capita for a given vehicle type in a county, it was necessary to first estimate the total number of vehicles for that type in the county. In applying this model, the results were

not found to be reasonable in all counties. An additional check was inserted to ensure that the estimate of the number of new vehicles registered did not decline from the previous year. If the value was declining, the estimate was computed by multiplying the average percentage of the total vehicles that were new (based on historical data) times the estimated total number of vehicles (for that type). For motorcycles, the estimate of new registrations was based on the average percentage of new vehicles of the total. This produced the most reasonable results.

Older Vehicle Estimates

Older vehicles were defined as those that fell into the 25 years and older group for all vehicle types except motorcycles which fell into the 12 years and older group. The application of the cohort survival methodology appeared to produce reasonable results in the 25 years and older estimates for HDDV and in the 12 years and older estimates for motorcycles. The resulting estimates for the other four types of vehicles tended to decline at rates which over the 20-plus years being analyzed produced in some cases negative values.

An alternative method was used for developing the estimates of the number of vehicles in the last age cohort. A linear regression was performed with the 25-year-old and older vehicles per capita as the dependent variable versus the natural log of the population as the independent variable. This was used to estimate the number of vehicles that would be 25 years and older for all types except HDDV and motorcycles (MC). For those two types of vehicles, the results from the cohort survival method were used. A check was made to ensure that the change in the vehicles that were 25 years old and older was not drastic between any two years. If the change fell outside the range of -20 percent to +25 percent, an alternative estimate was computed by multiplying the average percentage of old vehicles (from the historical data) times the total number of vehicles. The same check was made for HDDV and MC.

Cohort Survival Methodology Application

The previous sections discussed individual portions of the overall methodology for estimating the number of vehicles distributed by age and type for the 32 counties included

in this study. The following discusses the general sequence of steps in their order of execution:

1. Using the historical data for each type of vehicle within a county, the linear regressions are performed.
2. For each vehicle type, beginning with the 1992 vehicle distribution, the migration factors are estimated for each age cohort and applied with the scrappage rates to estimate the number of vehicles within each age cohort in 1993.
3. Estimates of the vehicles in the 25-year-old and older cohort are estimated for all vehicle types except HDDV and MC.
4. The total number of vehicles expected to be registered in 1993 is estimated for the county.
5. The percentage of the total vehicles within each type of vehicle is estimated and applied against the total vehicles from Step 4 to estimate the total vehicles by type that will be registered in 1993.
6. The number of new 1993 vehicle registrations for each vehicle type for the county is estimated.
7. The number of old (25 years and older or 12 years and older) vehicles for each type is estimated for 1993.
8. For each vehicle type, the estimates within each age cohort are adjusted to ensure that the total vehicles registered matches the estimated total vehicles in 1993.
9. Beginning with Step 2, the steps are repeated for each successive year until estimates are obtained for each year from 1992 to 2020.

The above steps were applied to each of the 32 counties individually to obtain the initial estimates of the total vehicle distribution by type and age.

THEORETICAL CURVE FIT METHODOLOGY

Figures 1 through 6 show the 1989 to 1992 vehicle distributions by age for Harris County. These are presented to graphically illustrate vehicle distribution. Similar shaped

distributions were observed in nearly all of the counties. For discussion and illustration purposes, the development of the theoretical curve fit methodology for only one type of vehicle in a single county is described in this report. The same techniques and methods were used for each type of vehicle for all of the counties included in this study.

The first step was to convert the actual vehicle distribution to a cumulative relative distribution which had no units. The number of vehicles were converted to cumulative percentages and the age of the vehicle divided by the average vehicle age observed for each individual year. Figure 7 presents a plot of the results for LDGV in Harris County. The hypothesis for this methodology was that using the average vehicle age to non-dimensionalize the vehicle age groups creates a normalized distribution which is approximately the same for every year. By fitting a mathematical relationship to this normalized relationship, a model may be developed which can be used to predict a future distribution given the projected average vehicle age.

The data in Figure 7 represent the cumulative form similar to several exponential functions such as a Poisson distribution, a Gamma distribution, a Weibull distribution, etc. While several different distributions were considered, only the function selected for use will be presented here. The actual curve fit was performed on the cumulative values using the following exponential function:

$$Y = 1.0 - e^{-(a + bX) X}$$

Where:

Y = Cumulative percentage of vehicles of age i

X = Vehicle age i divided by average vehicle age

e = 2.71828 . . .

a, b = Coefficients

A simple transformation of the above equation yields a relationship that may be fitted with a least squares linear regression.

Curve fits were performed on the normalized cumulative distributions for each vehicle type in each of the 31 counties. The statistical results and coefficient values for each are shown in Table 11. The correlation coefficients shown in Table 11 indicate reasonably good fits for the normalized cumulative data. While not shown, the fitted curves were also used to estimate the percentage of vehicles for each age cohort; and the results were compared with the actual registration information. These results were not as good as the fitted cumulative relationships. They were, however, within acceptable ranges for use in this study. The correlations ranged from lows around 0.5 to highs around 0.99. Examples of these values are shown in Table 12 for Harris County and Waller County. The correlation shown in Table 11 for Waller County indicates the worst results of all the curve fits done. The data in Table 12, however, indicate that when the fitted relationship is used to estimate vehicle distributions and the estimates compared with the actual data, the results are acceptable. Due to the wide ranging variations in the registered vehicle distributions by age between the different vehicle types, the number of vehicles, and the counties, the overall fits were considered reasonable. In addition, this type of relationship allows the development of reasonable vehicle distribution estimates by age in the future with an estimate of the overall average age of the vehicle. A possibility also exists that the same type of analysis could be applied for all Texas counties to develop statewide curves for each vehicle type for estimating distributions at other counties. That was beyond the scope of this project.

Average Vehicle Age

The previous section presented a theoretical method for estimating vehicle distribution by age. The method required an input of the average vehicle age. The next step was to develop and apply a methodology for projecting the average vehicle age for each vehicle type and county. With only three to four years of data, several techniques and models were tested to determine the amount of change that would result from their application. Two linear regression models were selected to project average vehicle age by vehicle type. The model selected for HDDV and motorcycles was a linear regression with

the percentage of new vehicles as the independent variable and vehicle age as the dependent variable. A linear regression model with average vehicle age as the dependent variable and vehicles per capita as the independent variable was selected for the other four types of vehicles.

The major drawback to these models was the dependency of the models on information from the cohort survival model for projecting the average vehicle age. An alternative method would have been to use the average vehicle age from the cohort survival model results and develop a theoretical distribution based on that value. Examination of the cohort survival results indicated that average vehicle age tended to decline in areas where population was increasing; and, in many cases, this was not consistent with the historical trend. The decision was made to use the data from the cohort survival model as input to estimate the average vehicle age and then use that to estimate the theoretical vehicle distributions by age for each vehicle type. The two estimates of vehicle distributions by age were next averaged to arrive at the final estimate. The next section discusses the results.

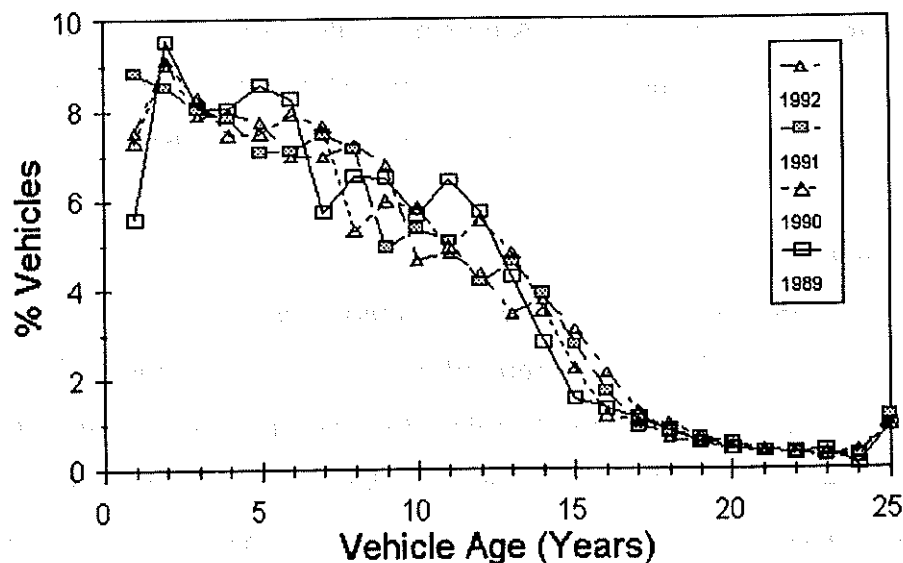


Figure 1. Automobile Age Distribution, Harris County.

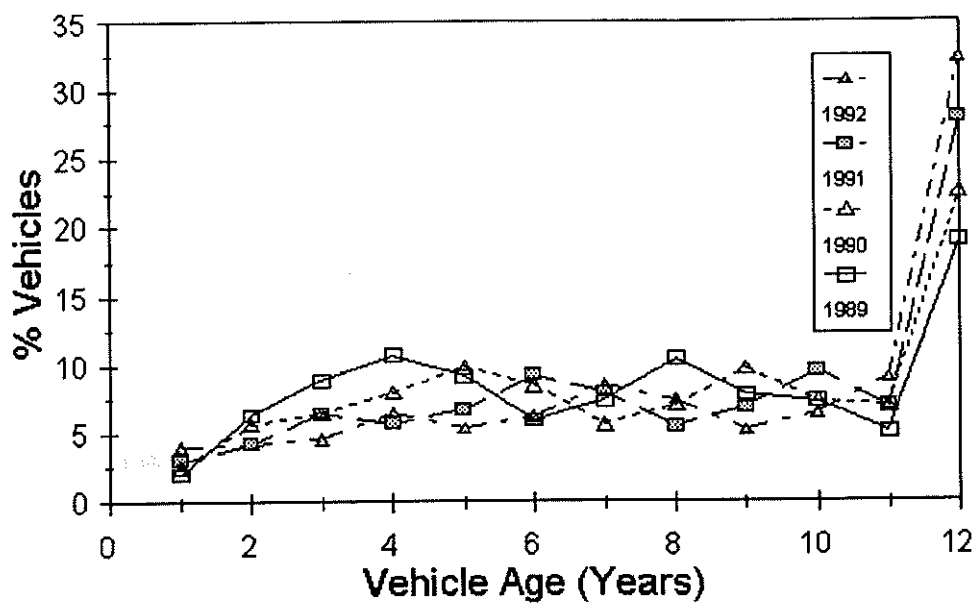


Figure 2. Motorcycle Age Distribution, Harris County.

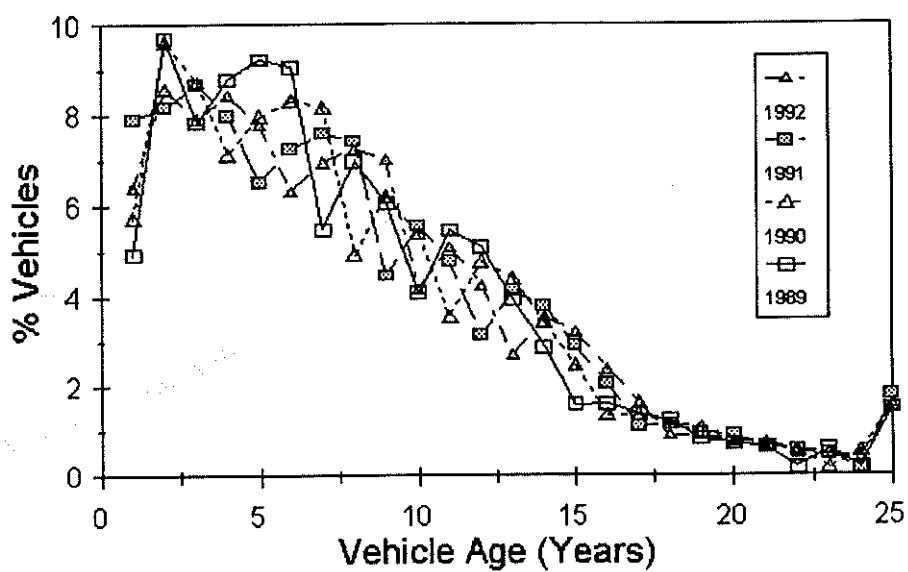


Figure 3. LDGT1 Age Distribution, Harris County.

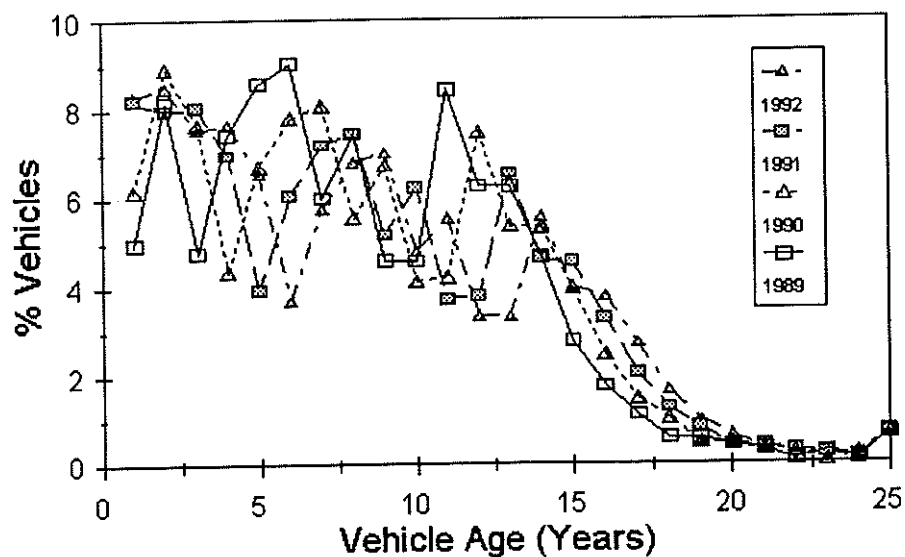


Figure 4. LDGT2 Age Distribution, Harris County.

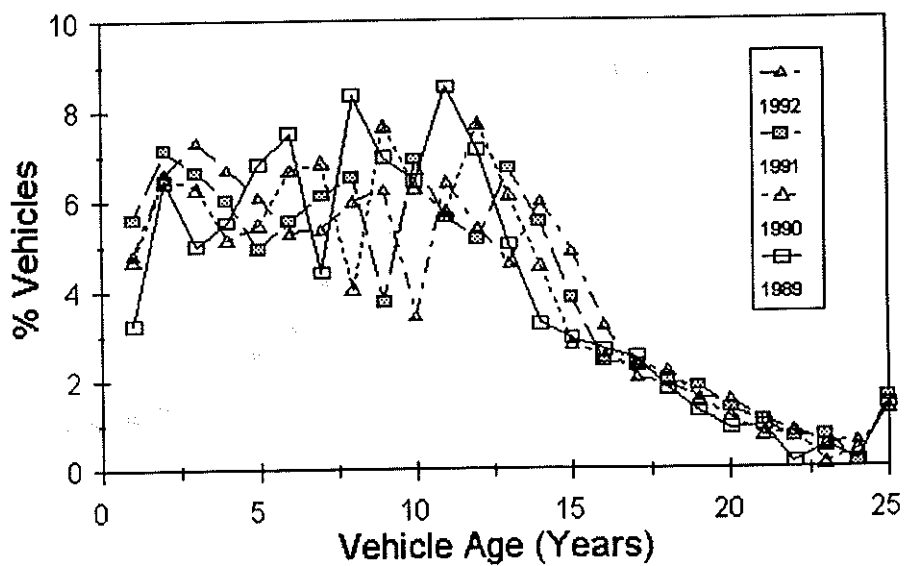


Figure 5. HDGT Age Distribution, Harris County.

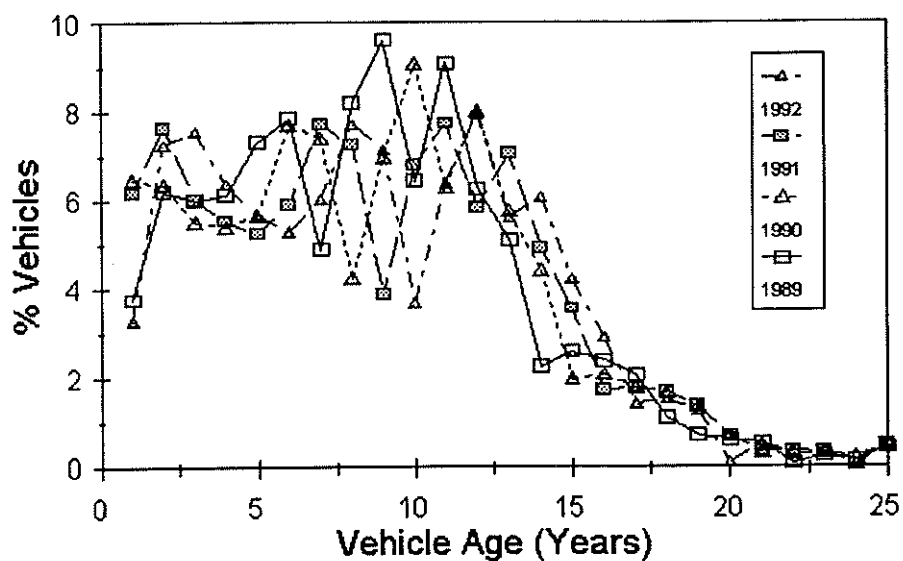


Figure 6. HDDV Age Distribution, Harris County.

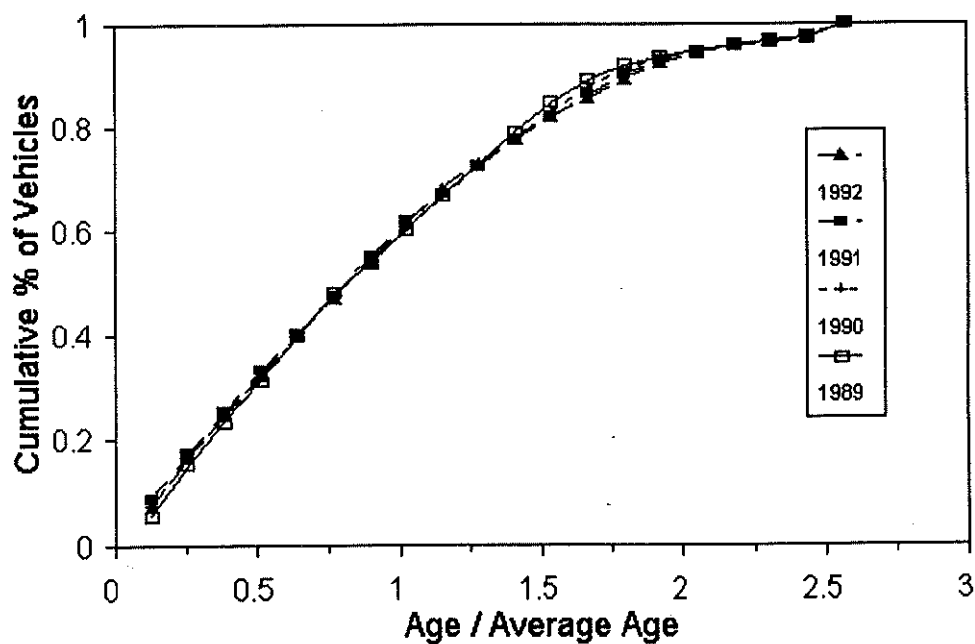


Figure 7. Combined Normalized Distribution, Harris County: Automobiles.

Table 11
Theoretical Curve Fit, Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R ¹
Houston	Brazoria	LDGV	- 0.4660	- 0.4533	- 0.9875
		LDGT-1	- 0.5736	- 0.3600	- 0.9859
		LDGT-2	- 0.4220	- 0.5105	- 0.9665
		HDGT	- 0.2123	- 0.6835	- 0.9707
		HDDV	0.0500	- 0.9800	- 0.9695
		MC	- 0.1384	- 0.7624	- 0.9923
Houston	Chambers	LDGV	- 0.3705	- 0.5325	- 0.9805
		LDGT-1	- 0.5565	- 0.3693	- 0.9785
		LDGT-2	- 0.5295	- 0.4014	- 0.9861
		HDGT	- 0.3879	- 0.4746	- 0.9324
		HDDV	0.0812	- 0.9963	- 0.9684
		MC	0.0341	- 0.9491	- 0.9847
Houston	Fort Bend	LDGV	- 0.4917	- 0.4251	- 0.9634
		LDGT-1	- 0.5573	- 0.3652	- 0.9481
		LDGT-2	- 0.3550	- 0.5625	- 0.9711
		HDGT	- 0.3025	- 0.5846	- 0.9655
		HDDV	0.0135	- 0.9458	- 0.9757
		MC	- 0.2497	- 0.6424	- 0.9901
Houston	Galveston	LDGV	- 0.4319	- 0.4832	- 0.9871
		LDGT-1	- 0.4986	- 0.4211	- 0.9824
		LDGT-2	- 0.3459	- 0.5719	- 0.9599
		HDGT	- 0.1633	- 0.7257	- 0.9588
		HDDV	- 0.0428	- 0.8623	- 0.9847
		MC	- 0.2032	- 0.6839	- 0.9907

¹Correlation Coefficient

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
Houston	Harris	LDGV	- 0.5423	- 0.3961	- 0.9831
		LDGT-1	- 0.5813	- 0.3511	- 0.9822
		LDGT-2	- 0.4264	- 0.5103	- 0.9408
		HDGT	- 0.3685	- 0.5424	- 0.9747
		HDDV	- 0.2750	- 0.6455	- 0.9746
		MC	- 0.2484	- 0.6432	- 0.9887
Houston	Liberty	LDGV	- 0.3216	- 0.5916	- 0.9824
		LDGT-1	- 0.5388	- 0.3877	- 0.9737
		LDGT-2	- 0.5468	- 0.4050	- 0.9074
		HDGT	- 0.3224	- 0.5489	- 0.9556
		HDDV	- 0.0887	- 0.8226	- 0.9655
		MC	- 0.0226	- 0.8793	- 0.9902
Houston	Montgomery	LDGV	- 0.4381	- 0.4848	- 0.9733
		LDGT-1	- 0.5290	- 0.4009	- 0.9679
		LDGT-2	- 0.3301	- 0.5973	- 0.9361
		HDGT	- 0.1635	- 0.7411	- 0.9533
		HDDV	- 0.1038	- 0.8096	- 0.9685
		MC	- 0.1582	- 0.7380	- 0.9839
Houston	Waller	LDGV	- 0.5626	- 0.3794	- 0.9103
		LDGT-1	- 1.1393	0.0524	0.1607
		LDGT-2	- 0.9907	- 0.0836	- 0.2735
		HDGT	- 0.5798	- 0.2449	- 0.5687
		HDDV	- 0.1880	- 0.7066	- 0.8555
		MC	- 0.0230	- 0.8610	- 0.9878

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
Dallas	Collin	LDGV	- 0.6771	- 0.2747	- 0.9378
		LDGT-1	- 0.7271	- 0.2287	- 0.9222
		LDGT-2	- 0.4661	- 0.4555	- 0.9732
		HDGT	- 0.3435	- 0.5088	- 0.9667
		HDDV	- 0.1718	- 0.7291	- 0.9536
		MC	- 0.1351	- 0.7629	- 0.9903
Dallas	Dallas	LDGV	- 0.5886	- 0.3530	- 0.9902
		LDGT-1	- 0.6464	- 0.2895	- 0.9624
		LDGT-2	- 0.4555	- 0.4628	- 0.9707
		HDGT	- 0.6089	- 0.3190	- 0.9608
		HDDV	- 0.3780	- 0.5391	- 0.9592
		MC	- 0.0920	- 0.8111	- 0.9865
Dallas	Denton	LDGV	- 0.5526	- 0.3702	- 0.9592
		LDGT-1	- 0.6280	- 0.3055	- 0.9298
		LDGT-2	- 0.5358	- 0.3869	- 0.9731
		HDGT	- 0.2593	- 0.5231	- 0.8426
		HDDV	- 0.0131	- 0.8986	- 0.9789
		MC	0.0235	- 0.9350	- 0.9816
Dallas	Ellis	LDGV	- 0.4987	- 0.4144	- 0.9643
		LDGT-1	- 0.5901	- 0.3306	- 0.9440
		LDGT-2	- 0.5138	- 0.4063	- 0.9700
		HDGT	- 0.3528	- 0.4913	- 0.9615
		HDDV	0.0878	- 1.0007	- 0.9879
		MC	0.0622	- 0.9749	- 0.9883

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
Dallas	Kaufman	LDGV	- 0.3993	- 0.5083	- 0.9898
		LDGT-1	- 0.5889	- 0.3299	- 0.9724
		LDGT-2	- 0.4007	- 0.5147	- 0.9741
		HDGT	- 0.1936	- 0.6430	- 0.9776
		HDDV	0.0145	- 0.9166	- 0.9513
		MC	0.0150	- 0.9134	- 0.9860
Dallas	Rockwall	LDGV	- 0.4795	- 0.4282	- 0.9526
		LDGT-1	- 0.6520	- 0.2838	- 0.9048
		LDGT-2	- 0.5325	- 0.3949	- 0.9536
		HDGT	- 0.2153	- 0.6688	- 0.9666
		HDDV	0.2853	- 1.2587	- 0.9612
		MC	- 0.1151	- 0.7706	- 0.9745
Fort Worth-Arlington	Johnson	LDGV	- 0.3181	- 0.5804	- 0.9863
		LDGT-1	- 0.4834	- 0.4224	- 0.9689
		LDGT-2	- 0.3355	- 0.5706	- 0.9770
		HDGT	- 0.2224	- 0.6133	- 0.9740
		HDDV	0.1442	- 1.0569	- 0.9840
		MC	0.0743	- 0.9776	- 0.9829
Fort Worth-Arlington	Parker	LDGV	- 0.4213	- 0.4855	- 0.9849
		LDGT-1	- 0.6077	- 0.3131	- 0.9612
		LDGT-2	- 0.5768	- 0.3609	- 0.9623
		HDGT	- 0.2638	- 0.5683	- 0.9740
		HDDV	0.0496	- 0.9572	- 0.9830
		MC	0.1130	- 1.0310	- 0.9896

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
Fort Worth-Arlington	Tarrant	LDGV	- 0.5902	- 0.3472	- 0.9853
		LDGT-1	- 0.6391	- 0.2935	- 0.9343
		LDGT-2	- 0.4226	- 0.4925	- 0.9696
		HDGT	- 0.4645	- 0.4400	- 0.9782
		HDDV	- 0.2797	- 0.6228	- 0.9819
		MC	- 0.1461	- 0.7458	- 0.9801
San Antonio	Bexar	LDGV	- 0.5601	- 0.3692	- 0.9905
		LDGT-1	- 0.5996	- 0.3204	- 0.9740
		LDGT-2	- 0.4193	- 0.4908	- 0.9677
		HDGT	- 0.3249	- 0.5561	- 0.9901
		HDDV	- 0.4373	- 0.4832	- 0.9701
		MC	- 0.0866	- 0.8147	- 0.9910
San Antonio	Comal	LDGV	- 0.5723	- 0.3552	- 0.9755
		LDGT-1	- 0.6481	- 0.2824	- 0.9767
		LDGT-2	- 0.4906	- 0.4306	- 0.9699
		HDGT	- 0.2278	- 0.6319	- 0.9914
		HDDV	0.0213	- 0.9441	- 0.9781
		MC	0.0826	- 0.9987	- 0.9888
San Antonio	Guadalupe	LDGV	- 0.5076	- 0.4118	- 0.9894
		LDGT-1	- 0.5255	- 0.3790	- 0.9738
		LDGT-2	- 0.2768	- 0.6289	- 0.9822
		HDGT	- 0.0196	- 0.8134	- 0.9814
		HDDV	0.0928	- 1.0087	- 0.9722
		MC	- 0.0601	- 0.8438	- 0.9823

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
Austin	Hays	LDGV	- 0.4264	- 0.4789	- 0.9794
		LDGT-1	- 0.5524	- 0.3622	- 0.9501
		LDGT-2	- 0.4253	- 0.4890	- 0.9765
		HDGT	- 0.3847	- 0.4673	- 0.8910
		HDDV	0.0600	- 0.9668	- 0.9802
		MC	- 0.0018	- 0.8875	- 0.9770
Austin	Travis	LDGV	- 0.5462	- 0.3809	- 0.9830
		LDGT-1	- 0.6189	- 0.3128	- 0.9505
		LDGT-2	- 0.3669	- 0.5443	- 0.9770
		HDGT	- 0.3160	- 0.5715	- 0.9819
		HDDV	- 0.1833	- 0.7096	- 0.9853
		MC	- 0.1145	- 0.7754	- 0.9768
Austin	Williamson	LDGV	- 0.5020	- 0.4136	- 0.9695
		LDGT-1	- 0.5539	- 0.3619	- 0.9056
		LDGT-2	- 0.3394	- 0.5668	- 0.9752
		HDGT	- 0.2877	- 0.5156	- 0.9482
		HDDV	0.0450	- 0.9595	- 0.9847
		MC	0.0382	- 0.9336	- 0.9887
El Paso	El Paso	LDGV	- 0.4406	- 0.4683	- 0.9940
		LDGT-1	- 0.4977	- 0.4032	- 0.9695
		LDGT-2	- 0.3511	- 0.5355	- 0.9514
		HDGT	- 0.2392	- 0.5986	- 0.9874
		HDDV	- 0.1363	- 0.7516	- 0.9869
		MC	- 0.1926	- 0.7090	- 0.9852

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
McAllen-Edinburg-Mission	Hidalgo	LDGV	- 0.1875	- 0.7278	- 0.9861
		LDGT-1	- 0.4111	- 0.4964	- 0.9905
		LDGT-2	- 0.2770	- 0.6332	- 0.9538
		HDGT	- 0.0649	- 0.7500	- 0.9479
		HDDV	0.1110	- 1.0252	- 0.9746
		MC	- 0.1417	- 0.7538	- 0.9784
Beaumont-Port Arthur	Hardin	LDGV	- 0.4615	- 0.4591	- 0.9885
		LDGT-1	- 0.7136	- 0.2491	- 0.9712
		LDGT-2	- 0.7732	- 0.2153	- 0.8129
		HDGT	- 0.1952	- 0.6876	- 0.9548
		HDDV	0.1018	- 1.0251	- 0.9590
		MC	0.0219	- 0.9300	- 0.9783
Beaumont-Port Arthur	Jefferson	LDGV	- 0.4956	- 0.4304	- 0.9889
		LDGT-1	- 0.6536	- 0.2932	- 0.9823
		LDGT-2	- 0.4954	- 0.4385	- 0.9492
		HDGT	- 0.3532	- 0.5373	- 0.9516
		HDDV	- 0.0849	- 0.8381	- 0.9523
		MC	- 0.1155	- 0.7781	- 0.9858
Beaumont-Port Arthur	Orange	LDGV	- 0.3556	- 0.5523	- 0.9796
		LDGT-1	- 0.4718	- 0.4407	- 0.9528
		LDGT-2	- 0.3388	- 0.5753	- 0.9335
		HDGT	- 0.1169	- 0.7522	- 0.9737
		HDDV	0.2230	- 1.1859	- 0.9631
		MC	- 0.0335	- 0.8619	- 0.9900

Table 11 (Continued)
Theoretical Curve Fit
Statistical Results

Urban Area	County	Vehicle Type	Coefficient a	Coefficient b	R
Corpus Christi	Nueces	LDGV	- 0.4712	- 0.4543	- 0.9877
		LDGT-1	- 0.5862	- 0.3456	- 0.9820
		LDGT-2	- 0.4442	- 0.4807	- 0.9735
		HDGT	- 0.3127	- 0.5823	- 0.9690
		HDDV	0.0517	- 0.9691	- 0.9800
		MC	- 0.1233	- 0.7692	- 0.9865
Corpus Christi	San Patricio	LDGV	- 0.3103	- 0.5936	- 0.9864
		LDGT-1	- 0.4923	- 0.4221	- 0.9786
		LDGT-2	- 0.3759	- 0.5441	- 0.9774
		HDGT	- 0.1591	- 0.6454	- 0.9679
		HDDV	0.2588	- 1.2237	- 0.9153
		MC	0.0771	- 0.9796	- 0.9896
Brownsville-Harlingen	Cameron	LDGV	- 0.2053	- 0.7124	- 0.9842
		LDGT-1	- 0.3706	- 0.5331	- 0.9917
		LDGT-2	- 0.2967	- 0.6076	- 0.9616
		HDGT	- 0.0834	- 0.7551	- 0.9775
		HDDV	0.0104	- 0.9201	- 0.9728
		MC	- 0.0613	- 0.8328	- 0.9891

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

Table 12
Vehicle Distributions by Age
Estimated vs. Actual
Correlation Coefficients

County	Vehicle Type	Cumulative Fit Correlation	Estimate vs. Actual Correlation			
			1989	1990	1991	1992
Harris	LDGV	- 0.9831	0.9469	0.9634	0.9643	0.9773
	LDGT-1	- 0.9822	0.9297	0.9427	0.9635	0.9649
	LDGT-2	- 0.9408	0.8438	0.8118	0.7752	0.7680
	HDGT	- 0.9747	0.8289	0.7945	0.7513	0.7752
	HDDV	- 0.9746	0.8733	0.7831	0.7513	0.7606
	MC	- 0.9887	0.9161	0.9283	0.9121	0.8721
Waller	LDGV	- 0.9103	0.8229	0.8199	0.9019	0.8977
	LDGT-1	0.1607	0.8575	0.7644	0.8952	0.9026
	LDGT-2	- 0.2735	0.8282	0.7479	0.7216	0.7632
	HDGT	- 0.5687	0.9106	0.8667	0.9554	0.9732
	HDDV	- 0.8555	0.4529	0.3401	0.5748	0.4040
	MC	- 0.9878	0.8903	0.9284	0.8750	0.8339

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

ANALYSIS OF RESULTS

The projected vehicle distributions by age are presented in Appendix B. These represent the average of the two methods used as described in the previous section. This section will discuss the projections for Harris County to illustrate the results of the methodology.

HARRIS COUNTY INPUT DATA

Harris County is located in the Houston metropolitan area. Harris County's population in 1990 was 2,818,199, and the total vehicles registered was 2,053,358. Of that total, 74 percent were automobiles (LDGV), 21 percent were LDGT-1, 2 percent were LDGT-2, and the remaining 3 percent were HDGT, HDDV, and MC. Population in Harris county is projected to increase to 3,556,319 (26.2 percent) in 2020 and total vehicle registrations are projected to increase to 3,161,509 (54 percent). Table 13 presents the historical and projected population and number of vehicles by type for Harris County. The total vehicles per capita is projected to increase from 0.73 in 1990 to 0.89 in 2020. Automobiles, as a percentage of the total vehicles registered are projected to decline from 74 percent to 69 percent in 2020, while LDGT-1 are projected to increase from 21 percent to 26 percent. The most dramatic change is projected for MC which in 1990 represented 1.4 percent of the vehicle population and is projected to be 0.3 percent of the vehicle population in 2020. These trends are in general alignment with what appears to be happening historically across the state.

Table 14 presents the average vehicle age resulting from the projected vehicle distributions by age for all 31 counties. The average vehicle age is also shown for the historical information available. Table 14 indicates considerable variation between the counties in terms of both historical and projected average vehicle ages. This reflects the influence of the historical information and the projection of population, total vehicles, and the percentage of vehicles by type. The projected vehicle distributions by age for each vehicle type in each county is shown in Appendix B.

Overall, the projections appear reasonable in relation to the historical information

available. In the next step the potential impact of vehicle distributions by age on both air quality and energy consumption was analyzed. This is discussed in the next section.

Table 13
Historical and Projected Data
for Harris County

Data Item	Historical				Projected		
	1989	1990	1991	1992	2000	2010	2020
Population	2,792,454 ²	2,818,199	2,890,462	2,931,765	3,165,280	3,382,012	3,556,319
LDGV	1,449,957	1,509,166	1,619,152	1,583,545	1,851,320	2,027,879	2,196,902
Per Capita	0.519	0.536	0.560	0.540	0.585	0.600	0.650
LDGT-1	409,805	434,160	477,207	471,198	595,332	726,128	817,947
Per Capita	0.147	0.154	0.165	0.161	0.188	0.215	0.230
LDGT-2	40,238	42,195	45,138	44,710	53,113	66,301	64,918
Per Capita	0.014	0.015	0.016	0.015	0.017	0.020	0.018
HDGT	24,665	25,318	25,989	25,126	26,230	26,114	26,313
Per Capita	0.009	0.009	0.009	0.009	0.008	0.008	0.007
HDDV	11,507	13,369	14,956	14,984	22,319	36,782	45,227
Per Capita	0.004	0.005	0.005	0.005	0.007	0.011	0.013
MC	30,398	29,150	28,397	23,488	17,691	12,857	10,202
Per Capita	0.011	0.010	0.010	0.008	0.006	0.004	0.003
Total	1,966,570	2,053,358	2,210,839	2,163,051	2,566,005	2,896,61	3,161,509
Per Capita	0.704	0.729	0.765	0.738	0.811	0.856	0.889

²Estimate from linear regression

Table 14
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Houston	Brazoria	LDGV	-	8.13	8.06	8.11	8.35	8.44	8.53
		LDGT-1	-	8.16	8.13	8.25	8.15	7.91	7.84
		LDGT-2	-	8.08	8.02	8.06	7.48	7.02	6.83
		HDGT	-	11.16	11.17	11.24	11.15	11.22	11.41
		HDDV	-	10.73	10.60	10.78	9.26	9.32	9.02
		MC	-	8.71	9.21	9.64	9.32	9.49	9.61
Houston	Chambers	LDGV	-	8.32	8.18	8.22	8.47	8.72	9.69
		LDGT-1	-	7.91	7.86	8.10	8.80	9.16	8.98
		LDGT-2	-	7.71	7.75	7.55	7.39	7.36	7.47
		HDGT	-	12.02	11.80	12.81	15.71	14.45	13.52
		HDDV	-	10.96	10.80	11.99	14.50	13.46	12.69
		MC	-	9.90	9.99	11.05	10.47	10.43	10.02
Houston	Fort Bend	LDGV	7.57	7.53	7.23	7.35	6.76	6.53	6.38
		LDGT-1	7.80	7.84	7.70	7.83	7.51	7.45	7.45
		LDGT-2	7.84	8.13	8.18	8.16	7.31	7.22	7.60
		HDGT	11.56	11.85	11.57	11.27	9.87	9.67	9.61
		HDDV	9.71	9.69	9.47	10.11	10.09	10.09	10.18
		MC	7.79	8.10	8.55	9.12	9.02	9.11	9.14
Houston	Galveston	LDGV	8.23	8.25	8.16	8.22	7.72	7.39	7.32
		LDGT-1	8.52	8.51	8.40	8.42	8.07	7.94	7.92
		LDGT-2	8.79	8.73	8.81	8.65	7.48	7.78	7.66
		HDGT	11.43	11.67	11.58	11.65	11.74	11.49	11.78
		HDDV	10.21	10.71	11.07	11.23	11.12	11.15	10.98
		MC	8.61	9.08	9.54	10.05	9.43	9.39	9.25

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Houston	Harris	LDGV	7.70	7.72	7.72	7.75	7.60	7.52	7.51
		LDGT-1	7.89	8.01	8.05	8.16	8.17	8.14	8.21
		LDGT-2	8.23	8.29	8.32	8.33	7.16	6.50	6.26
		HDGT	9.30	9.35	9.40	9.46	9.07	8.98	8.99
		HDDV	8.58	8.66	8.72	9.01	8.76	8.89	8.82
		MC	7.85	8.38	8.94	9.53	9.52	9.51	9.53
Houston	Liberty	LDGV	8.86	8.89	8.87	8.94	8.70	8.64	8.58
		LDGT-1	8.86	8.86	8.87	9.06	8.82	8.66	8.57
		LDGT-2	8.05	8.05	8.16	8.02	7.62	7.47	7.33
		HDGT	11.64	11.98	12.40	12.49	13.07	12.84	13.00
		HDDV	9.78	10.15	10.51	10.87	11.02	11.62	12.20
		MC	9.04	9.30	9.68	10.76	10.66	10.72	10.81
Houston	Montgomery	LDGV	7.88	7.97	8.04	8.02	8.83	9.51	9.96
		LDGT-1	8.16	8.33	8.47	8.49	9.32	9.89	10.31
		LDGT-2	8.32	8.45	8.56	8.53	9.46	10.07	10.20
		HDGT	10.85	11.10	11.35	11.18	9.57	9.01	8.79
		HDDV	10.45	10.46	10.42	10.58	12.62	12.84	14.30
		MC	7.92	8.45	8.95	9.50	8.15	7.59	7.24
Houston	Waller	LDGV	7.67	8.05	8.82	8.83	7.40	7.30	7.57
		LDGT-1	6.27	6.50	8.70	8.58	8.73	9.07	9.34
		LDGT-2	5.53	6.11	8.00	7.51	8.69	8.90	9.01
		HDGT	12.30	12.59	13.73	14.10	13.20	13.12	11.74
		HDDV	12.12	11.07	10.61	11.58	10.15	12.27	13.30
		MC	8.39	9.11	9.93	10.08	11.59	11.29	11.23

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Dallas	Collin	LDGV	-	6.83	6.91	7.05	7.49	7.74	7.90
		LDGT-1	-	8.15	8.29	8.40	8.75	8.95	9.12
		LDGT-2	-	8.21	8.54	8.85	9.52	9.23	9.49
		HDGT	-	12.66	12.67	12.86	13.82	13.07	12.87
		HDDV	-	8.27	8.41	9.57	9.39	7.45	6.58
		MC	-	8.29	8.80	9.32	10.11	9.72	9.83
Dallas	Dallas	LDGV	-	7.75	7.76	7.90	8.30	8.33	8.30
		LDGT-1	-	8.66	8.86	9.02	9.38	9.52	9.57
		LDGT-2	-	8.69	8.94	9.17	9.44	9.23	9.17
		HDGT	-	8.79	8.91	8.80	7.75	7.05	6.71
		HDDV	-	7.36	7.34	7.93	7.35	7.41	7.53
		MC	-	8.78	9.46	10.19	9.88	10.00	10.07
Dallas	Denton	LDGV	-	7.59	7.47	7.62	8.40	9.48	9.24
		LDGT-1	-	8.47	8.48	8.62	9.45	10.51	10.08
		LDGT-2	-	8.29	8.53	8.53	8.39	8.10	7.86
		HDGT	-	12.39	12.45	12.45	12.42	12.28	12.18
		HDDV	-	10.58	10.78	11.20	11.04	11.62	11.95
		MC	-	8.71	9.40	10.27	11.34	10.81	10.75
Dallas	Ellis	LDGV	-	8.17	8.28	8.38	9.02	9.35	9.82
		LDGT-1	-	9.26	9.35	9.37	9.77	10.06	10.31
		LDGT-2	-	8.23	8.67	8.66	8.70	8.68	8.68
		HDGT	-	13.07	13.04	12.94	10.72	11.61	11.52
		HDDV	-	10.50	10.58	11.07	13.62	11.96	13.13
		MC	-	9.39	9.90	10.73	10.73	10.71	10.45

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Dallas	Kaufman	LDGV	8.70	8.88	9.04	9.15	9.31	9.26	9.29
		LDGT-1	9.23	9.44	9.84	10.00	10.23	10.24	10.27
		LDGT-2	8.01	8.45	8.96	9.07	9.25	8.83	8.63
		HDGT	12.99	13.58	13.98	13.77	14.57	15.18	16.33
		HDDV	11.88	10.74	10.98	11.44	11.53	11.20	10.31
		MC	9.24	9.48	10.15	11.18	11.29	11.28	11.09
Dallas	Rockwall	LDGV	7.88	7.86	7.77	7.83	7.21	7.06	6.98
		LDGT-1	8.33	8.31	8.42	8.62	8.45	8.33	8.29
		LDGT-2	7.85	8.14	8.33	8.08	6.88	6.54	6.56
		HDGT	11.57	11.61	11.87	11.94	13.10	13.40	13.36
		HDDV	9.70	10.97	10.50	10.62	9.05	10.17	11.13
		MC	8.51	8.94	9.22	9.68	9.81	9.86	9.81
Fort Worth-Arlington	Johnson	LDGV	9.13	9.11	9.07	9.19	8.74	8.42	8.90
		LDGT-1	9.89	9.97	9.96	10.05	9.60	9.18	8.87
		LDGT-2	8.65	8.78	8.99	9.09	7.92	8.72	8.97
		HDGT	13.33	13.62	13.79	13.68	13.34	13.05	13.41
		HDDV	11.35	11.29	11.99	12.30	11.69	10.86	11.21
		MC	8.77	9.38	10.00	10.74	11.35	11.18	11.18
Fort Worth-Arlington	Parker	LDGV	8.70	8.69	8.85	9.00	9.01	9.05	9.11
		LDGT-1	9.44	9.50	9.82	10.00	9.75	9.51	9.53
		LDGT-2	7.69	7.91	8.43	8.59	8.85	8.99	9.30
		HDGT	13.13	13.67	13.82	13.81	14.86	15.35	16.05
		HDDV	11.98	12.16	12.08	12.39	11.64	11.93	12.13
		MC	9.30	9.92	10.35	10.78	10.81	11.01	11.21

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Fort Worth-Arlington	Tarrant	LDGV	7.81	7.86	7.89	7.90	7.83	7.80	7.85
		LDGT-1	8.75	8.84	8.86	8.98	8.25	7.75	8.62
		LDGT-2	8.29	8.67	8.79	8.88	7.90	7.32	8.86
		HDGT	9.88	9.97	10.02	10.04	8.86	7.94	7.64
		HDDV	8.34	8.41	8.23	8.77	8.79	8.83	8.91
		MC	7.99	8.62	9.33	10.10	10.54	10.45	10.48
San Antonio	Bexar	LDGV	-	8.73	8.70	8.68	8.40	8.12	8.07
		LDGT-1	-	9.64	9.70	9.75	10.05	10.20	10.32
		LDGT-2	-	9.38	9.56	9.56	9.06	8.68	8.63
		HDGT	-	11.11	11.34	11.29	10.99	10.97	10.95
		HDDV	-	8.82	8.60	8.87	9.11	8.99	9.00
		MC	-	9.16	9.71	10.27	9.70	9.81	9.80
San Antonio	Comal	LDGV	-	8.83	8.69	8.92	9.02	9.09	9.15
		LDGT-1	-	9.61	9.73	9.87	10.49	11.08	11.56
		LDGT-2	-	8.49	8.95	9.12	9.47	9.92	10.35
		HDGT	-	12.43	12.77	12.77	12.77	12.67	12.94
		HDDV	-	9.39	9.80	10.48	12.47	13.55	14.34
		MC	-	9.83	10.36	11.16	10.78	11.01	10.95
San Antonio	Guadalupe	LDGV	8.80	8.96	9.26	9.24	9.26	9.27	9.41
		LDGT-1	10.05	10.18	10.24	10.37	10.48	10.57	10.73
		LDGT-2	8.99	9.36	9.51	9.65	10.17	10.67	11.40
		HDGT	15.07	15.38	15.26	15.43	14.29	12.88	12.03
		HDDV	11.43	11.94	11.67	11.64	12.37	11.99	11.33
		MC	8.76	9.30	9.90	10.57	10.95	11.32	11.46

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Austin	Hays	LDGV	8.79	8.91	8.86	8.80	8.65	8.55	8.30
		LDGT-1	9.43	9.54	9.60	9.53	8.50	8.89	8.63
		LDGT-2	7.99	8.34	8.48	8.33	7.26	8.40	9.25
		HDGT	12.54	12.93	13.22	12.59	12.91	13.06	11.05
		HDDV	9.95	10.49	11.31	11.16	15.34	12.15	16.29
		MC	8.61	9.32	10.14	11.17	11.83	11.09	10.30
Austin	Travis	LDGV	8.05	8.13	8.10	8.15	8.13	8.12	8.11
		LDGT-1	8.61	8.75	8.84	8.94	9.11	9.15	9.18
		LDGT-2	8.41	8.84	9.15	9.29	9.30	8.35	7.83
		HDGT	10.41	10.81	11.15	11.04	10.23	9.19	8.82
		HDDV	8.17	8.63	8.83	9.27	9.83	10.17	10.30
		MC	8.08	8.79	9.49	10.22	10.73	10.85	10.83
Austin	Williamson	LDGV	8.31	8.27	8.17	8.20	7.82	7.63	7.52
		LDGT-1	9.40	9.43	9.30	9.23	8.79	8.79	8.82
		LDGT-2	8.53	8.84	9.00	9.07	8.56	7.30	7.21
		HDGT	14.45	14.51	14.57	14.62	13.49	13.13	12.45
		HDDV	9.95	11.04	10.61	11.30	13.50	12.25	14.08
		MC	8.75	9.31	9.71	10.65	10.35	10.51	10.56
El Paso	El Paso	LDGV	-	9.12	9.26	9.32	9.56	9.62	9.65
		LDGT-1	-	9.75	10.06	10.25	10.78	10.90	10.97
		LDGT-2	-	10.57	10.92	11.01	10.73	10.43	10.28
		HDGT	-	13.17	13.53	13.59	13.24	13.18	13.22
		HDDV	-	10.91	11.14	11.52	12.81	12.47	13.29
		MC	-	8.38	9.01	9.61	9.77	9.93	10.05

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
McAllen-Edinburg-Mission	Hidalgo	LDGV	9.14	9.20	9.27	9.24	9.14	9.12	9.13
		LDGT-1	9.47	9.56	9.77	9.80	9.70	9.56	9.52
		LDGT-2	9.85	9.99	10.15	9.98	9.54	9.40	9.35
		HDGT	14.50	14.71	14.54	14.51	13.89	13.98	14.29
		HDDV	11.94	12.14	11.60	11.94	11.90	12.41	12.74
		MC	7.69	8.28	8.73	9.87	11.15	11.39	11.19
Beaumont-Port Arthur	Hardin	LDGV	7.99	8.06	8.11	8.07	8.00	7.95	7.91
		LDGT-1	8.04	8.10	8.29	8.25	8.13	8.05	8.00
		LDGT-2	7.49	7.79	8.27	7.76	7.64	7.63	7.69
		HDGT	12.04	12.46	12.55	12.45	11.92	11.45	12.47
		HDDV	10.87	10.49	11.21	12.36	10.14	8.54	6.97
		MC	9.02	9.41	9.40	10.52	10.44	11.12	10.59
Beaumont-Port Arthur	Jefferson	LDGV	8.16	8.23	8.24	8.29	8.08	7.81	7.59
		LDGT-1	8.35	8.39	8.33	8.36	8.24	8.18	8.16
		LDGT-2	8.01	8.26	8.27	8.10	7.88	7.76	7.70
		HDGT	11.07	11.17	11.18	11.07	10.40	10.34	10.18
		HDDV	10.20	10.68	10.45	10.64	10.66	10.79	11.07
		MC	8.20	8.81	9.50	10.09	8.78	7.32	7.22
Beaumont-Port Arthur	Orange	LDGV	8.65	8.65	8.47	8.51	7.80	7.89	7.66
		LDGT-1	9.46	9.40	8.99	9.01	7.63	7.54	7.71
		LDGT-2	9.10	8.93	8.60	8.54	5.91	6.10	6.65
		HDGT	12.73	12.63	12.94	12.89	11.62	11.20	11.13
		HDDV	11.13	11.72	11.71	11.73	10.13	11.23	12.95
		MC	8.59	9.18	9.59	10.45	10.73	10.44	8.16

Table 14 (Continued)
Average Vehicle Age Projections

Urban Area	County	Vehicle Type	1989	1990	1991	1992	2000	2010	2020
Corpus Christi	Nueces	LDGV	8.15	8.28	8.33	8.39	7.97	7.61	7.49
		LDGT-1	8.17	8.27	8.47	8.59	8.24	7.80	7.64
		LDGT-2	8.28	8.40	8.47	8.49	7.81	7.41	7.30
		HDGT	10.74	10.93	11.14	10.97	10.31	9.57	9.34
		HDDV	10.55	10.90	10.92	11.47	10.64	10.32	10.07
		MC	8.17	9.20	9.52	10.10	11.09	11.15	11.30
Corpus Christi	San Patricio	LDGV	8.88	8.81	8.88	8.88	8.61	8.50	8.51
		LDGT-1	9.04	9.24	9.12	9.17	9.58	9.44	9.49
		LDGT-2	8.34	8.56	8.94	9.09	9.27	8.94	9.02
		HDGT	14.65	14.57	14.97	15.65	15.84	15.49	15.46
		HDDV	12.93	12.47	12.33	12.83	11.27	8.41	7.80
		MC	9.04	9.28	9.60	10.40	11.02	11.03	10.86
Brownsville-Harlingen	Cameron	LDGV	-	9.09	9.15	9.21	9.23	9.26	9.31
		LDGT-1	-	9.66	9.78	9.90	10.21	10.39	10.56
		LDGT-2	-	10.04	10.26	10.16	9.69	9.54	9.47
		HDGT	-	13.83	14.00	13.84	13.08	13.01	12.89
		HDDV	-	11.84	11.34	11.85	9.93	8.10	7.29
		MC	-	8.29	8.98	9.55	9.80	10.02	10.11

LDGV = Light-duty gasoline vehicles
 LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
 LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
 HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
 LDDV = Light-duty diesel vehicles
 LDDT = Light-duty diesel trucks
 HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
 MC = Motorcycles

POTENTIAL IMPACTS

The amount of pollutants emitted and fuel consumed by a vehicle depends on the vehicle's condition, age, and amount of travel, as well as other things such as operating conditions. As indicated in the previous section, the average age of certain types of vehicles appears to be increasing in many urban areas. This implies that the population is retaining and using vehicles for longer periods of time. Unfortunately, this slow down in the turnover rate for vehicles means that the number of older vehicles with less efficient fuel and pollution systems are increasing. This section presents a general analysis of the potential impact of vehicle distributions by age on both air pollution and energy consumption. The analysis is accomplished for one of the urban areas under study with the assumption being that the relative impacts of significant shifts in vehicle ownership patterns would be applicable to other urban areas.

The urban area selected for use in this study was El Paso. El Paso was selected because of the amount of information available for that area since it was undergoing a conformity analysis for air quality. This provided the advantage of data and program setup availability. It was still necessary to make certain assumptions, and these are discussed at the appropriate time in the following sections.

URBAN AREA CHARACTERISTICS

El Paso is a designated nonattainment area and has undergone extensive conformity analysis according to the requirements of ISTEA and the CAAA. El Paso County's 1990 population was 591,610. The number of vehicles registered in El Paso in 1990 was 364,042. These are projected to increase to 925,135 persons and 554,840 vehicles by 2020. Vehicles per capita are projected to remain almost constant around 0.6. Table 15 presents the historical and projected estimates of registered vehicles by vehicle type for El Paso county.

AIR QUALITY IMPACT

To determine the air quality impact of changes in the vehicle distribution by age, the changes in pollutant emissions from changes in the vehicle distribution by age were

analyzed. As previously discussed, projections of vehicle distribution by age were developed for each county for 2000, 2010, and 2020. For purposes of this analysis, El Paso County projections for 2010 were used. The procedure used the theoretical model developed for El Paso, varied the projected average age of each type of vehicle, and developed a different projection for vehicle distribution by age based on the change in the average vehicle age. Because each vehicle type had different coefficients in the fitted theoretical model and due to the nature of the model itself, the average vehicle age that would result from the model would not equal the input value exactly. It would, however, approximate closely the input value in most cases. Three levels of changes were selected, reductions of 10 and 50 percent and an increase of 50 percent. The procedure follows:

1. Beginning with the estimated average age of each vehicle type from the projected vehicle distribution by age, a revised average age corresponding to the three levels of changes selected was computed for each type.
2. The revised average age was input to the fitted theoretical model for each vehicle type and a new vehicle distribution by age computed.
3. The new vehicle distribution by age was input to the MOBILE5 program and emission rates computed for average speeds of 10, 20, 30, 40, 50, and 60 miles per hour using the air quality analysis set-ups for El Paso County.
4. The emission rates which resulted from the projected vehicle distributions and from the distributions estimated based on a 10 percent reduction in the average vehicle age were used to compute the total emission estimates in El Paso County. The programs and data set-ups used were the same as those used in the air quality conformity analysis performed for El Paso County.

The intent of the above procedure was to determine the impact on pollutant emissions directly attributable to changes in the projections of vehicle distribution by age. The only change in the input data were the vehicle distributions.

Table 16 presents the results of the application of the theoretical vehicle distribution model. For each vehicle type it shows the change in the average vehicle age input to the model and the actual change as measured from the resulting estimate of vehicles distributed by age. For example, the projected average vehicle age for LDGV in El Paso County in

2010 is 9.62 years. This was reduced by 50 percent and input to the theoretical model for LDGV in El Paso County (fitted from historical data), and a revised projection of vehicles

Table 15
Average Vehicle Age Changes
from Theoretical Model
El Paso County

Vehicle Type	2010 Average Age ³	Input Change ⁴	Resulting Change ⁵	Input Change	Resulting Change	Input Change	Resulting Change
LDGV	9.62	- 10 %	- 10.8 %	- 50 %	- 48.1 %	+ 50 %	+ 38.0 %
LDGT-1	10.90	- 10 %	- 10.7 %	- 50 %	- 48.2 %	+ 50 %	+ 30.9 %
LDGT-2	10.43	- 10 %	- 10.4 %	- 50 %	- 48.0 %	+ 50 %	+ 37.2 %
HDGT	13.18	- 10 %	- 9.5 %	- 50 %	- 47.6 %	+ 50 %	+ 27.7 %
HDDV	12.47	- 10 %	- 11.6 %	- 50 %	- 49.1 %	+ 50 %	+ 32.1 %
MC	9.93	- 10 %	- 15.3 %	- 50 %	- 48.0 %	+ 50 %	+ 1.8 %
All	9.94	- 10 %	- 10.8 %	- 50 %	- 48.1 %	+ 50 %	+ 36.0 %

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

distributed by age was prepared. Even though a 50 percent reduction in average vehicle age was input, the resulting average vehicle age from the modeled distribution was 4.99 years which was 48.1 percent less than the projection of 9.62 years. This revised distribution (with those for the other types of vehicles) was input to the MOBILE5 program and emission rates computed for six different average vehicle speeds. Comparing these emission rates with those that resulted from other changes in the vehicle distribution provides a relative

³Based on projected vehicle distribution by age for 2010.

⁴Change in projected average vehicle age input to theoretical model.

⁵Based on resulting estimate of distribution of vehicles by age from theoretical model.

evaluation of the impact of changes in vehicle distributions on vehicle emissions.

Table 16 presents the resulting emission rates for each of the four alternative vehicle distributions input to MOBILE5. Figures 8 through 10 present plots of the emission rates for each of the three pollutant types. The data in Table 17 and plotted in Figures 8 through 10 indicate that vehicle distribution by age may significantly affect the overall estimates of emissions for an area. To demonstrate the relative impact, two of the alternatives were

Table 16
MOBILE5 Emission Rates

Pollutant	Speed MPH	Emission Rate - All Vehicles (Gm/Mile)						
		2010 Projection	Age Change - 10%	Pct Change ⁶	Age Change - 50%	Pct Change	Age Change + 50%	Pct Change
VOC HC	10	1.551	1.379	- 11.1	0.967	- 37.7	2.331	+ 50.3
	20	0.976	0.866	- 11.3	0.602	- 38.3	1.466	+ 50.2
	30	0.733	0.648	- 11.6	0.446	- 39.2	1.110	+ 51.4
	40	0.602	0.530	- 12.0	0.362	- 39.9	0.920	+ 52.8
	50	0.529	0.464	- 12.3	0.314	- 40.6	0.815	+ 54.1
	60	0.560	0.489	- 12.7	0.330	- 41.1	0.871	+ 55.5
Exhaust CO	10	11.245	10.017	- 10.9	7.274	- 35.3	16.989	+ 51.1
	20	7.222	6.461	- 10.5	4.669	- 35.4	10.778	+ 49.2
	30	4.570	4.036	- 11.7	2.890	- 36.8	7.082	+ 55.0
	40	3.276	2.855	- 12.9	2.028	- 38.1	5.268	+ 60.8
	50	2.673	2.308	- 13.7	1.636	- 38.8	4.409	+ 64.9
	60	3.849	3.280	- 14.8	2.292	- 40.5	6.564	+ 70.5
Exhaust NOx	10	1.248	1.140	- 8.7	0.895	- 28.3	1.709	+ 36.9
	20	1.120	1.021	- 8.8	0.795	- 29.0	1.541	+ 37.6
	30	1.121	1.020	- 9.0	0.789	- 29.6	1.553	+ 38.5
	40	1.145	1.042	- 9.0	0.806	- 29.6	1.587	+ 38.6
	50	1.253	1.141	- 8.9	0.886	- 29.3	1.737	+ 38.6
	60	1.626	1.476	- 9.2	1.143	- 29.7	2.278	+ 40.1

⁶Percentage change from emission rate for 2010 projections.

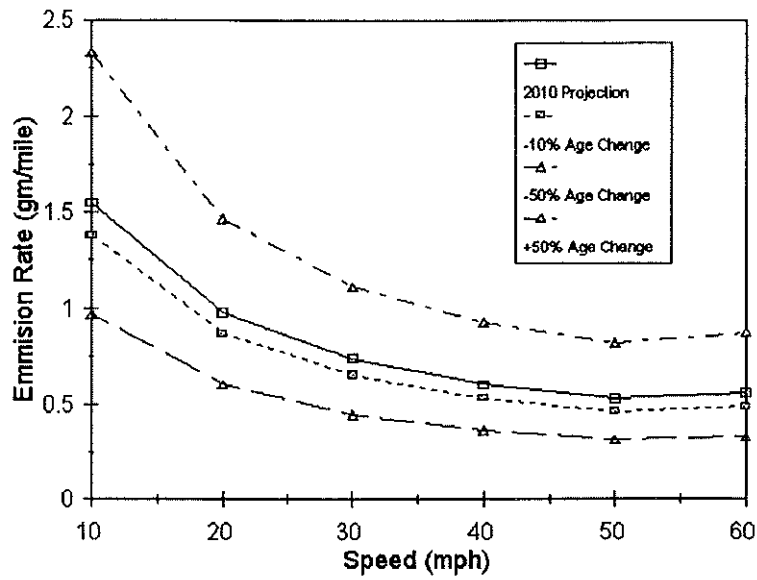


Figure 8. VOC HC Emission Rates (All Vehicles).

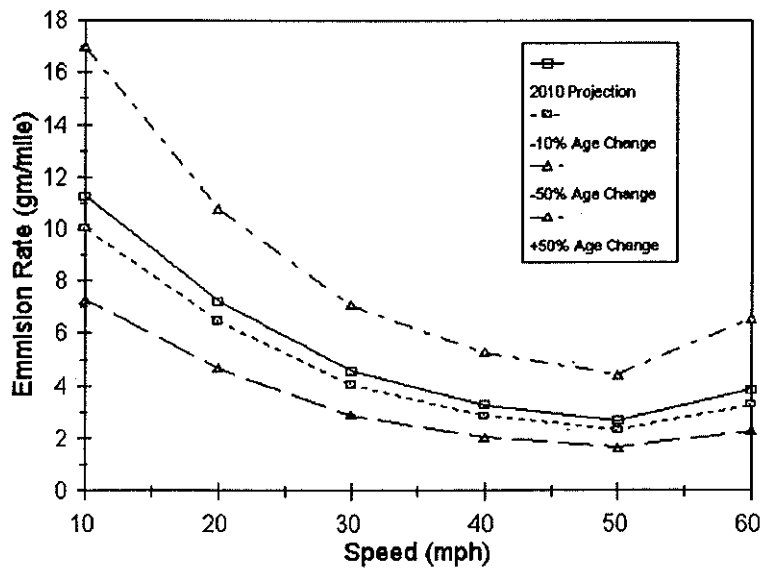


Figure 9. Exhaust CO Emission Rates (All Vehicles).

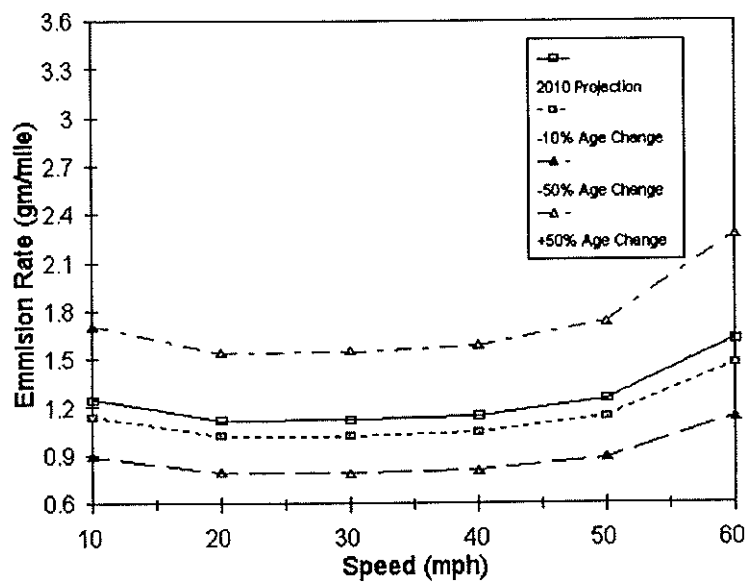


Figure 10. Exhaust NOx Emission Rates (All Vehicles).

input to the emission estimates programs and the total emissions computed. Those alternatives were the projected vehicle distributions for 2010 and the 2010 vehicle distributions which resulted from an input 10 percent reduction in average vehicle age. For the projected 2010 vehicle distributions and the alternative projection developed from a 10 percent reduction in average vehicle age (actual reduction was 10.8 percent), the total estimates of pollutants for four time periods in El Paso County are presented in Table 17. The estimated reduction in total pollutants which resulted from the change in the vehicle distributions by age from a 10.8 percent reduction in average vehicle age was 11.25 percent for VOC, 12.07 percent for CO, and 8.99 percent for NOx. The implication is that

Table 17A
2010 Estimates of Total Pollutants (Tons)

Pollutant	2010 Vehicle Distribution	Time Period					
		AM Peak	Midday	PM Peak	Night	Diurnal	Totals
VOC	Projected ⁷	1.7525	7.4554	1.8412	3.5377	1.0150	15.6018
	Average Vehicle Age Reduction ⁸	1.5578	6.5976	1.6319	3.1361	0.9234	13.8468
	Percentage Change	- 11.1	- 11.5	- 11.4	- 11.4	- 9.0	- 11.2
CO	Projected	14.5547	51.5460	13.0473	28.7589	-	107.9069
	Average Vehicle Age Reduction	12.8678	45.2770	11.5326	25.2002	-	94.8775
	Percentage Change	- 11.6	- 12.2	- 11.6	- 12.4	-	- 12.1
NOx	Projected	3.0781	14.9733	2.9732	8.7778	-	29.8024
	Average Vehicle Age Reduction	2.8047	13.6282	2.7075	7.9830	-	27.1234
	Percentage Change	- 8.9	- 9.0	- 8.9	- 9.1	-	- 9.0

⁷Recommended projected vehicle distributions by age for 2010.

⁸Vehicle distributions by age which resulted from a 10.8 percent reduction in average vehicle age.

Table 17B
2010 Estimates of Total Pollutants (Metric Tons)

Pollutant	2010 Vehicle Distribution	Time Period					
		AM Peak	Midday	PM Peak	Night	Diurnal	Totals
VOC	Projected ⁹	0.7949	3.3817	0.8352	1.6047	0.4604	7.0769
	Average Vehicle Age Reduction ¹⁰	0.7066	2.9926	0.7402	1.4225	0.4188	6.2808
	Percentage Change	- 11.1	- 11.5	- 11.4	- 11.4	- 9.0	- 11.2
CO	Projected	6.6019	23.3809	5.9182	13.0448	-	48.9457
	Average Vehicle Age Reduction	5.8367	20.5373	5.2311	11.4306	-	43.0357
	Percentage Change	- 11.6	- 12.2	- 11.6	- 12.4	-	- 12.1
NOx	Projected	1.3962	6.7918	1.3486	3.9815	-	13.5181
	Average Vehicle Age Reduction	1.2722	6.1816	1.2281	3.6210	-	12.3030
	Percentage Change	- 8.9	- 9.0	- 8.9	- 9.1	-	- 9.0

⁹Recommended projected vehicle distributions by age for 2010.

¹⁰Vehicle distributions by age which resulted from a 10.8 percent reduction in average vehicle age.

significant reductions in total air pollutant emissions may be possible if older vehicles are removed from the vehicle fleets. Removal of the older vehicles would result in the reduction in the average vehicle age.

ENERGY CONSUMPTION IMPACTS

Energy consumption was a more difficult impact to determine because little data was found concerning the effects on fuel economy due to vehicle aging. Improvement in overall fuel economy and vehicle reliability over the last two decades have been substantial. Much of this improvement has resulted from changes in engine technology and reductions in vehicle sizes and weights. As with vehicle emissions, fuel consumption will normally increase as a vehicle ages. With the advent of new engine technology, this deterioration in fuel economy has lessened substantially over the past decade. The challenge for this study was to develop a method to estimate the impact of potential changes in vehicle distribution by age on an urban area's overall fuel consumption.

Computing fuel consumption within an area requires estimates of the average fuel consumption rate (in miles per gallon) and an estimate of the amount of travel in VMT. For this study, these estimates were needed for each type and age of vehicle. It was noted, however, that the fuel consumption rate (by type and age of vehicle) would remain constant for any vehicle distribution assumed. The only data that would differ with the change in vehicle distributions would be the amount of travel (in terms of VMT). Since these data are also used to develop vehicle emission rate estimates, data from the MOBILE5 calculation of emission rates could be used to estimate the change in VMT by vehicle type and age for different vehicle distributions by age.

Data from MOBILE5 included an estimate of the percentage of the total vehicle miles traveled (VMT) that would be attributable to each type of vehicle and for each type of vehicle, the percentage of the VMT that would occur within each age cohort. The unknown quantity was the fuel consumption rate for vehicles within each age cohort. Research into the issue of fuel consumption indicated that passenger cars are optimistically projected to attain a fuel consumption rate of around 33 miles per gallon (MPG) by 2001 and 45 MPG by 2010 (13). Light-duty trucks are expected to attain a fuel consumption rate

of about 24 MPG by 2001. Table 18 presents historical data on fuel consumption rates for four categories of vehicles. To develop estimates of new vehicle fuel consumption rates for each year to 2010, the following was done:

1. The projected (optimistic) fuel consumption rates of 33 MPG in 2001 and 45 MPG in 2010 were used and the intermediate years estimated by straight line interpolation.
2. Fuel consumption rates for passenger cars were assumed to be the equivalent for LDGV and LDDV.
3. A linear regression was performed with the fuel consumption rate for two-axle, four-wheel trucks as the dependent variable and fuel consumption for passenger cars as the independent variable. The projected fuel consumption rates for passenger cars was then input to project the fuel consumption rates for two-axle, four-wheel trucks.
4. The fuel consumption rates for two-axle, four-wheel trucks were assumed equivalent to rates for LDGT-1, LDGT-2, and LDDT.
5. A linear regression was performed with the fuel consumption rate for single unit trucks as the dependent variable and the year as the independent variable. The resulting equation was used to project new vehicle fuel consumption rates for single unit trucks through 2010.
6. The fuel consumption rates for single unit trucks were assumed equivalent to those for HDGT.
7. A linear regression was performed with the fuel consumption rate for combination trucks as the dependent variable and the year as the independent variable. The resulting equation was used to project new vehicle fuel consumption rates for combination trucks through 2010.
8. The fuel consumption rates for combination trucks were assumed equivalent to those for HDDV.
9. The new vehicle fuel consumption rate for motorcycles was assumed to remain constant at 50 MPG (21.3 kpl) through 2010. This assumption was based on the data shown in Table 19 which reflect very little variation in the new vehicle fuel consumption rate for motorcycles since 1970.

Table 18A
Fuel Consumption Rates
Miles per Gallon

Year	Passenger Cars	Two-Axle Four Wheel Trucks	Single Unit Trucks	Combination Trucks
1970	13.5	10.0	6.8	4.8
1971	13.5	10.2	6.9	4.9
1972	13.4	10.3	6.9	5.0
1973	13.3	10.5	6.9	5.1
1974	13.4	11.0	7.1	5.2
1975	13.5	11.2	7.2	5.4
1976	13.5	11.2	7.1	5.2
1977	13.8	11.4	7.1	5.2
1978	14.0	11.6	7.0	5.2
1979	14.4	11.8	7.0	5.2
1980	15.5	12.3	7.2	5.4
1981	15.9	12.5	7.1	5.3
1982	16.7	12.8	7.1	5.3
1983	17.1	12.8	7.1	5.2
1984	17.8	12.9	7.1	5.2
1985	18.2	12.9	7.0	5.2
1986	18.3	12.9	7.0	5.2
1987	19.2	12.9	7.0	5.2
1988	19.9	13.4	7.1	5.3
1989	20.3	13.8	7.2	5.5
1990	20.9	14.1	7.3	5.5

Source: (14).

Table 18B
Fuel Consumption Rates
Kilometers per Liter

Year	Passenger Cars	Two-Axle Four Wheel Trucks	Single Unit Trucks	Combination Trucks
1970	5.7	4.3	2.9	2.0
1971	5.7	4.3	2.9	2.1
1972	5.7	4.4	2.9	2.1
1973	5.7	4.5	2.9	2.1
1974	5.7	4.7	3.0	2.2
1975	5.7	4.8	3.1	2.3
1976	5.7	4.8	3.0	2.2
1977	5.9	4.9	3.0	2.2
1978	6.0	4.9	3.0	2.2
1979	6.1	5.0	3.0	2.2
1980	6.6	5.2	3.1	2.3
1981	6.8	5.3	3.0	2.3
1982	7.1	5.5	3.0	2.3
1983	7.3	5.5	3.0	2.2
1984	7.6	5.5	3.0	2.2
1985	7.7	5.5	3.0	2.2
1986	7.8	5.5	3.0	2.2
1987	8.2	5.5	3.0	2.2
1988	8.5	5.7	3.0	2.3
1989	8.6	5.9	3.1	2.3
1990	8.9	6.0	3.1	2.3

Table 19A
Fuel Consumption Rates
for Motorcycles
Miles per Gallon

Year	Vehicle Miles Traveled (Millions)	Fuel Consumed (Millions)	Miles per Gallon
1970	2979	60	49.65
1975	5629	113	49.81
1980	10214	204	50.07
1985	9086	182	49.92
1988	10024	200	50.12
1989	10371	207	50.10
1990	9557	191	50.04
1991	9178	184	49.88

Source: (15).

Table 19B
Fuel Consumption Rates
for Motorcycles
Kilometers per Liter

Year	Vehicle Miles Traveled (Millions)	Fuel Consumed (Millions)	Kilometers Per Liter
1970	4805	227	21.17
1975	9079	428	21.21
1980	16474	773	21.31
1985	14655	689	21.27
1988	16168	758	21.33
1989	16727	784	21.34
1990	15415	723	21.32
1991	14803	697	21.24

The results of the preceding steps were projected new vehicle fuel consumption rates for each year through 2010. These values are shown in Table 20 for each of the eight vehicle types.

The next step was to develop a method for estimating the deterioration rate in the vehicle fuel consumption rate. For example, a vehicle that is ten years old typically will not have the same fuel consumption rate that it had when new. For purposes of this study, it was assumed that vehicles would maintain their new vehicle fuel consumption rate for the first five years of the vehicle's life. After five years, the vehicle's efficiency (as measured by its fuel consumption rate) would begin to decline at the rate of 1 percent per year. This resulted in a means for estimating the fuel consumption rate for vehicles within each age cohort for any given year. Table 21 presents the estimated fuel consumption rates for each age group of vehicles for 2010.

Estimates of fuel consumption were developed by assuming a total VMT for the El Paso area, applying the MOBILE5 allocations of the VMT by vehicle type, estimating the VMT for each age cohort, dividing the estimate of VMT by the estimated fuel consumption rate and summing over all ages. The objective was to develop a relative estimate of the impact of the alternative vehicle distributions by age on fuel consumption. Holding all input values constant and changing only the vehicle distributions by age results in estimates of fuel consumption which were used to estimate the percentage change from that estimated based on the projected vehicle distributions by age. As with the analysis dealing with air quality, four vehicle distributions by age were evaluated with the first being the recommended projections. Table 22 presents the results of this analysis. Overall, the revised distributions representing approximately a 48 percent reduction in average vehicle age result in nearly a 13 percent fuel consumption reduction. A 36 percent increase in average vehicle age results in an overall increase of nearly 11 percent in fuel consumption. A 10.8 percent reduction in average vehicle age yields about a 3 percent reduction in fuel consumption.

Table 20A
Projected New Vehicle Fuel Consumption Rates
Miles per Gallon

Year	LDGV	LDGT-1	LDGT-2	HDGT	LDDV	LDDT	HDDV	MC
1991	22.00	14.60	14.60	7.18	22.00	14.60	5.43	50.00
1992	23.10	15.07	15.07	7.19	23.10	15.07	5.45	50.00
1993	24.20	15.54	15.54	7.20	24.20	15.54	5.47	50.00
1994	25.30	16.01	16.01	7.22	25.30	16.01	5.48	50.00
1995	26.40	16.48	16.48	7.23	26.40	16.48	5.50	50.00
1996	27.50	16.96	16.96	7.24	27.50	16.96	5.52	50.00
1997	28.60	17.43	17.43	7.25	28.60	17.43	5.54	50.00
1998	29.70	17.90	17.90	7.26	29.70	17.90	5.56	50.00
1999	30.80	18.37	18.37	7.27	30.80	18.37	5.58	50.00
2000	31.90	18.84	18.84	7.28	31.90	18.84	5.60	50.00
2001	33.23	19.42	19.42	7.30	33.23	19.42	5.62	50.00
2002	34.57	21.71	21.71	7.34	38.57	21.71	5.70	50.00
2003	35.90	20.56	20.56	7.32	35.90	20.56	5.66	50.00
2004	37.23	21.13	21.13	7.33	37.23	21.13	5.68	50.00
2005	38.57	21.71	21.71	7.34	38.57	21.71	5.70	50.00
2006	39.90	22.28	22.28	7.35	39.90	22.28	5.72	50.00
2007	41.23	22.85	22.85	7.36	41.23	22.85	5.74	50.00
2008	42.57	23.42	23.42	7.38	42.57	23.42	5.75	50.00
2009	43.90	23.99	23.99	7.39	43.90	23.99	5.77	50.00
2010	45.23	24.57	24.57	7.40	45.23	24.57	5.79	50.00

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

Table 20B
Projected New Vehicle Fuel Consumption Rates
Kilometers per Liter

Year	LDGV	LDGT-1	LDGT-2	HDGT	LDDV	LDDT	HDDV	MC
1991	9.37	6.22	6.22	3.06	9.37	6.22	2.31	21.29
1992	9.84	6.42	6.42	3.06	9.84	6.42	2.32	21.29
1993	10.30	6.62	6.62	3.07	10.3	6.62	2.33	21.29
1994	10.77	6.82	6.82	3.07	10.77	6.82	2.33	21.29
1995	11.24	7.02	7.02	3.08	11.24	7.02	2.34	21.29
1996	11.71	7.22	7.22	3.08	11.71	7.22	2.35	21.29
1997	12.18	7.42	7.42	3.09	12.18	7.42	2.36	21.29
1998	12.65	7.62	7.62	3.09	12.65	7.62	2.37	21.29
1999	13.11	7.82	7.82	3.10	13.11	7.82	2.38	21.29
2000	13.58	8.02	8.02	3.10	13.58	8.02	2.38	21.29
2001	14.15	8.27	8.27	3.11	14.15	8.27	2.39	21.29
2002	14.72	9.24	9.24	3.13	16.42	9.24	2.43	21.29
2003	15.29	8.75	8.75	3.12	15.29	8.75	2.41	21.29
2004	15.85	9.00	9.00	3.12	15.85	9.00	2.42	21.29
2005	16.42	9.24	9.24	3.13	16.42	9.24	2.43	21.29
2006	16.99	9.49	9.49	3.13	16.99	9.49	2.44	21.29
2007	17.56	9.73	9.73	3.13	17.56	9.73	2.44	21.29
2008	18.13	9.97	9.97	3.14	18.13	9.97	2.45	21.29
2009	18.69	10.22	10.22	3.15	18.69	10.22	2.46	21.29
2010	19.26	10.46	10.46	3.16	19.26	10.46	2.47	21.29

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

Table 21A
Year 2010 Estimates of Fuel
Consumption Rates by Vehicle Age
Miles per Gallon

Age	LDGV	LDGT-1	LDGT-2	HDGT	LDDV	LDDT	HDDV	MC
1	45.23	24.57	24.57	7.40	45.23	24.57	5.79	50.00
2	43.90	23.99	23.99	7.39	43.90	23.99	5.77	50.00
3	42.57	23.42	23.42	7.38	42.57	23.42	5.75	50.00
4	41.23	22.85	22.85	7.36	41.23	22.85	5.74	50.00
5	39.90	22.28	22.28	7.35	39.90	22.28	5.72	50.00
6	38.18	21.49	21.49	7.27	38.18	21.49	5.64	49.50
7	36.49	20.71	20.71	7.18	36.49	20.71	5.56	49.01
8	34.83	19.95	19.95	7.10	34.83	19.95	5.49	48.51
9	33.20	19.20	19.20	7.02	33.20	19.20	5.42	48.03
10	31.60	18.47	18.47	6.94	31.60	18.47	5.34	47.55
11	30.03	17.74	17.74	6.86	30.03	17.74	5.27	47.07
12	28.71	17.12	17.12	6.78	28.71	17.12	5.20	46.60
13	27.41	16.52	16.52	6.70	27.41	16.52	5.13	46.14
14	26.13	15.92	15.92	6.62	26.13	15.92	5.06	45.68
15	24.87	15.34	15.34	6.55	24.87	15.34	4.99	45.22
16	23.64	14.76	14.76	6.47	23.64	14.76	4.93	44.77
17	22.43	14.19	14.19	6.40	22.43	14.19	4.86	44.32
18	21.24	13.64	13.64	6.32	21.24	13.64	4.80	43.88
19	20.07	13.09	13.09	6.25	20.07	13.09	4.73	43.44
20	18.92	12.55	12.55	6.18	18.92	12.55	4.67	43.00
21	17.80	12.01	12.01	6.22	17.80	12.01	4.68	42.57
22	17.11	11.63	11.63	6.07	17.11	11.63	4.64	42.15
23	16.61	11.18	11.18	5.93	16.61	11.18	4.42	41.73
24	15.86	10.66	10.66	5.78	15.86	10.66	4.30	41.31
25	14.97	10.55	10.55	5.73	14.97	10.55	4.25	40.90

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

Table 21B
Year 2010 Estimates of Fuel
Consumption Rates by Vehicle Age
Kilometer per Liter

Age	LDGV	LDGT-1	LDGT-2	HDGT	LDDV	LDDT	HDDV	MC
1	19.26	10.46	10.46	3.15	19.26	10.46	2.47	21.29
2	18.69	10.22	40.22	3.15	18.69	10.22	2.46	21.29
3	18.13	9.97	9.97	3.14	18.13	9.97	2.45	21.29
4	17.56	9.73	9.73	3.13	17.56	9.73	2.44	21.29
5	16.99	9.49	9.49	3.13	16.99	9.43	2.44	21.29
6	16.26	9.15	9.15	3.10	16.26	9.15	2.40	21.08
7	15.54	8.82	8.82	3.06	15.54	8.82	2.37	21.87
8	14.83	8.49	8.49	3.02	14.83	8.49	2.34	20.66
9	14.14	8.18	8.18	2.99	14.14	8.18	2.31	20.45
10	13.46	7.86	7.86	2.96	13.46	7.86	2.27	20.25
11	12.79	7.55	7.55	2.92	12.79	7.55	2.24	20.04
12	12.22	7.29	7.29	2.89	12.22	7.29	2.21	19.84
13	11.67	7.03	7.03	2.85	11.67	7.03	2.18	19.65
14	11.13	6.78	6.78	2.82	11.13	6.78	2.15	19.45
15	10.59	6.53	6.53	2.79	10.59	6.53	2.12	19.25
16	10.07	6.28	6.28	2.75	10.07	6.28	2.10	19.06
17	9.55	6.04	6.04	2.73	9.55	6.04	2.07	18.87
18	9.04	5.81	5.81	2.69	9.04	5.81	2.04	18.68
19	8.55	5.57	5.57	2.66	8.55	5.57	2.01	18.50
20	8.06	5.34	5.34	2.63	8.06	5.34	1.99	18.31
21	7.58	5.11	5.11	2.65	7.58	5.11	1.99	18.13
22	7.29	4.95	4.95	2.58	7.29	4.95	1.98	17.95
23	7.07	4.76	4.76	2.53	7.07	4.76	1.88	17.77
24	6.75	4.54	4.54	2.46	6.75	4.54	1.83	17.59
25	6.37	4.49	4.49	2.44	6.39	4.49	1.81	17.42

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

Table 22A
Estimated Fuel Consumption (Gallons)
for Alternative Vehicle Distributions by Age

Vehicle Type	Item	Recommended Projections	Change in Average Vehicle Age		
			- 10.8 %	- 48.1 %	+ 36.0 %
LDGV	Fuel	415,732.2	400,161.8	349,304.2	477,653.9
	Pct Change ¹¹	-	- 3.75 %	- 15.98 %	+ 14.89 %
LDGT-1	Fuel	210,084.1	203,609.0	182,362.8	229,214.2
	Pct Change	-	- 3.08 %	- 13.20 %	+ 9.11 %
LDGT-2	Fuel	57,728.7	55,770.9	49,052.7	65,291.7
	Pct Change	-	- 3.4 %	- 15.03 %	+ 13.10 %
HDGT	Fuel	58,351.8	57,844.8	55,689.8	60,215.2
	Pct Change	-	- 0.87 %	- 4.56 %	+ 3.19 %
LDDV	Fuel	1,679.1	1,636.2	1,509.9	1,839.7
	Pct Change	-	- 2.56 %	- 10.08 %	+ 9.56 %
LDDT	Fuel	951.1	936.7	897.4	984.7
	Pct Change	-	- 1.51 %	- 5.65 %	+ 3.54 %
HDDV	Fuel	136,304.3	134,415.0	128,574.1	142,098.5
	Pct Change	-	- 1.39 %	- 5.67 %	+ 4.25 %
MC	Fuel	1,654.4	1,639.2	1,613.8	1,654.6
	Pct Change	-	- 0.92 %	- 2.46 %	+ 0.01 %
Total	Fuel	882,485.8	856,013.7	769,004.6	978,952.4
	Pct Change	-	- 3.00 %	- 12.86 %	+ 10.93 %

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

¹¹Change measured from recommended projections.

Table 22B
Estimated Fuel Consumption (Liters)
for Alternative Vehicle Distributions by Age

Vehicle Type	Item	Recommended Projections	Change in Average Vehicle Age		
			- 10.8 %	- 48.1 %	+ 36.0 %
LDGV	Fuel	1,574,74302	1,515,764.4	1,323,122.0	1,809,293.1
	Pct Change ¹²	-	- 3.75%	- 15.98 %	+ 14.89 %
LDGT-1	Fuel	795,773.1	771,246.2	690,768.2	868,235.6
	Pct Change	-	- 3.08 %	- 13.20 %	+ 9.11 %
LDGT-2	Fuel	218,669.3	211,253.4	185,805.7	247,317.0
	Pct Change	-	- 3.4 %	- 15.03 %	+ 13.10 %
HDGT	Fuel	221,029.5	219,109.1	210,946.2	228,087.9
	Pct Change	-	- 0.87 %	- 4.56 %	+ 3.19 %
LDDV	Fuel	6,360.2	6,197.7	5,719.3	6,968.6
	Pct Change	-	- 2.56 %	- 10.08 %	+ 9.56 %
LDDT	Fuel	3,602.7	3,548.1	3,399.2	3,729.9
	Pct Change	-	- 1.51 %	- 5.65 %	+ 3.54 %
HDDV	Fuel	516,304.2	509,147.7	487,023.1	538,251.9
	Pct Change	-	- 1.39 %	- 5.67 %	+ 4.25 %
MC	Fuel	6,266.7	6,209.1	6,112.9	6,267.4
	Pct Change	-	- 0.92 %	- 2.46 %	+ 0.01 %
Total	Fuel	3,342,749.2	3,242,476.1	2,912,896.2	3,708,153.0
	Pct Change	-	- 3.00 %	- 12.86 %	+ 10.93 %

LDGV = Light-duty gasoline vehicles
LDGT-1 = Light-duty trucks under 6,000 pounds (2,722 kilograms)
LDGT-2 = Light-duty trucks over 6,000 pounds (2,722 kilograms)
LDDV = Light-duty diesel vehicles
LDDT = Light-duty diesel trucks
HDGT = Heavy-duty gasoline trucks over 8,500 pounds (3,856 kilograms)
HDDV = Heavy-duty diesel vehicles over 8,500 pounds (3,856 kilograms)
MC = Motorcycles

¹²Change measured from recommended projections.

SUMMARY

Registration data for 1989 through 1992 were used to project registered vehicles distributed by age. Projections for six vehicle types were developed for 2000, 2010, and 2020 for 31 counties located in the 10 largest MSAs in Texas. In 1992, these counties contained approximately 69 percent of the state's population. Of the total vehicles registered in the state, these counties accounted for 68 percent.

The recommended projections of registered vehicle by type and age are shown in Appendix B. These were developed using two methodologies. The first method used a cohort survival technique while the second used a theoretical method based on a mathematical curve fit utilizing a projection of average vehicle age for each vehicle type. The primary basis for the projections were historical trends and projections of population for each county. Since the projections were done independently for each county, the results varied depending on the historical information for the county and the projected population. An evaluation was also done to determine the potential impact of vehicle registrations (i.e., the distribution of those vehicles by age) on air quality and energy consumption.

The following summarizes the major results of the projections and analyses for the 31 counties included in this study. Ranges given represent the ranges for the 31 counties analyzed.

- Light-duty gasoline vehicles (LDGV) comprise the majority of vehicles registered in all counties. In 1992, LDGV comprised slightly over 53 percent to over 77 percent of the registered vehicles in the counties analyzed. Projections of these vehicles indicate they will continue to be the dominant type of vehicle registered in 2020 with percentages ranging from 52 percent to 79 percent. One county is projected to have 88 percent of its registered vehicles as LDGV, but this is considered to be an exception.
- Light-duty gasoline trucks type one (LDGT-1) comprise the second largest registered vehicle type in the counties analyzed. In 1992, LDGT-1 comprised from 18 percent to nearly 38 percent of the total vehicles registered in the counties. The 2020 projections for LDGT-1 indicate that they will continue

to be the second highest number of registrations with percentages ranging from 18 to 42 percent. Again, LDGT-1 in one of the counties was projected to be less than 6 percent of the total, but this was considered an exception and not representative of the majority of the counties.

- In 1992, light-duty gasoline trucks type two (LDGT-2) represented from 1.5 to 7 percent of the total registered vehicles. The 2020 projections of registered vehicles indicate that LDGT-2 vehicles will comprise from 1 to nearly 6 percent of the total registered vehicles.
- Heavy duty gas trucks (HDGT) comprised from 0.7 to 2.4 percent of the total registered vehicles in 1992. HDGT are projected to represent 0.2 to 3.3 percent of the total registered vehicles in 2020.
- Heavy duty diesel vehicles (HDDV) comprised from 0.2 to 1.0 percent of the total registered vehicles in 1992. HDDV are projected to represent from 0.02 to 3.1 percent of the registered vehicles in 2020.
- Motorcycles (MC) comprised from 0.5 to 1.9 percent of the registered vehicles in 1992. MC registrations are projected to comprise from 0.01 to 3.2 percent of total registrations by 2020.
- Only three of the 31 counties analyzed are projected to have a decline in total vehicle registrations between 1992 and 2020.
- Of the 31 counties, 13 (42 percent) are projected to have an increase in the average vehicle age for light-duty gasoline vehicles.
- Between 1992 and 2020, 16 (52 percent) of the 31 counties are projected to have an increase in the average vehicle age for light-duty truck type one vehicles.
- The average vehicle age for light-duty gas trucks type two between 1992 and 2020 is projected to decline in 21 counties, remain the same in 3 counties, and increase in 7 counties.
- The average vehicle age for heavy duty gasoline trucks is projected to decline in 21 counties, remain the same in 2 counties, and increase in 8 counties.
- The average vehicle age for heavy duty diesel trucks is projected to decline

in 13 counties and increase in 18 counties between 1992 and 2020.

- The average vehicle age for motorcycles is projected to remain the same in 3 counties, decline in 13 counties, and increase in 15 counties.
- Shifts in vehicle registration that reflect reductions in average vehicle age have a potential to significantly reduce pollutant emissions from mobile sources. Vehicle distributions reflecting an overall 11 percent reduction in average vehicle age resulted in an 11 percent reduction in VOC emissions, a 12 percent reduction in CO emissions, and a 9 percent reduction in NOx in El Paso County for 2010.
- In a manner similar to vehicle emissions, shifts in vehicle registration that reflect reductions in average vehicle age also result in reduction in overall fuel consumption. For 2010 in El Paso county, an overall reduction in average vehicle age resulted in an estimated overall 3 percent reduction in fuel consumption.

The recommended projections of vehicle registrations by type are shown in Appendix B for the years 2000, 2010, and 2020. The methodology used in developing these projections produced estimates for all intermediate years as well. This information has application in current vehicle emissions studies in Texas. For example, Appendix C contains the estimates of registered vehicle distributions by age for 16 counties in the Houston, Dallas, Fort Worth, El Paso, and Beaumont-Port Arthur regions. The data are shown in the actual format used for input to MOBILE5 and were used in the emissions analysis for those areas. The estimates of registered vehicles have been shown to have an impact on estimates of mobile source emissions. The methodology as developed in this study has the potential for continued use and, with additional historical information, could provide more accurate forecasts in future applications.

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APPENDIX A

Vehicle Registrations Input Data

TABLE A-1.1
AUTOMOBILE VEHICLE REGISTRATION FOR BEXAR COUNTY

San Antonio MSA

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		8.73		8.70		8.68				
MED VEH AGE	.00		7.00		7.04		7.09				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	33467.	.05524	91	48334.	.07558	92	41657.	.06561
88	0.	.00000	89	46796.	.07724	90	44373.	.06938	91	52825.	.08320
87	0.	.00000	88	44897.	.07410	89	45365.	.07093	90	41321.	.06508
86	0.	.00000	87	42975.	.07093	88	45610.	.07132	89	45099.	.07103
85	0.	.00000	86	45629.	.07531	87	43406.	.06787	88	44982.	.07084
84	0.	.00000	85	44544.	.07352	86	45998.	.07192	87	42751.	.06733
83	0.	.00000	84	44850.	.07403	85	44709.	.06991	86	44905.	.07072
82	0.	.00000	83	31635.	.05221	84	44317.	.06929	85	43329.	.06824
81	0.	.00000	82	30844.	.05091	83	31140.	.04869	84	41769.	.06578
80	0.	.00000	81	31906.	.05266	82	29638.	.04634	83	29189.	.04597
79	0.	.00000	80	29886.	.04933	81	30209.	.04724	82	26851.	.04229
78	0.	.00000	79	33071.	.05458	80	27551.	.04308	81	26710.	.04207
77	0.	.00000	78	30985.	.05114	79	30599.	.04784	80	23805.	.03749
76	0.	.00000	77	25065.	.04137	78	28177.	.04406	79	26118.	.04113
75	0.	.00000	76	17664.	.02915	77	22350.	.03495	78	23723.	.03736
74	0.	.00000	75	10653.	.01758	76	15357.	.02401	77	18228.	.02871
73	0.	.00000	74	10953.	.01808	75	9084.	.01420	76	12298.	.01937
72	0.	.00000	73	9642.	.01591	74	9223.	.01442	75	7063.	.01112
71	0.	.00000	72	7750.	.01279	73	8229.	.01287	74	7179.	.01131
70	0.	.00000	71	5127.	.00846	72	6569.	.01027	73	6444.	.01015
69	0.	.00000	70	4614.	.00762	71	4606.	.00720	72	5267.	.00830
68	0.	.00000	69	4141.	.00683	70	4143.	.00648	71	3689.	.00581
67	0.	.00000	68	3972.	.00656	69	3716.	.00581	70	3315.	.00522
66	0.	.00000	67	3593.	.00593	68	3563.	.00557	69	2972.	.00468
65	0.	.00000	66	11213.	.01851	67	13280.	.02076	68	13465.	.02121
	0.			605871.			639546.			634954.	

TABLE A-1.2
MOTORCYCLE VEHICLE REGISTRATION FOR BEXAR COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			9.16			9.71			10.27		
MED VEH AGE	.00			8.29			9.09			9.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	218.	.01909	91	262.	.02305	92	301.	.03145	
88	0.	.00000	89	452.	.03958	90	353.	.03105	91	315.	.03291	
87	0.	.00000	88	463.	.04054	89	528.	.04645	90	355.	.03709	
86	0.	.00000	87	527.	.04614	88	451.	.03968	89	474.	.04952	
85	0.	.00000	86	932.	.08160	87	489.	.04302	88	364.	.03803	
84	0.	.00000	85	1093.	.09570	86	911.	.08014	87	391.	.04085	
83	0.	.00000	84	719.	.06295	85	1055.	.09281	86	727.	.07596	
82	0.	.00000	83	940.	.08230	84	662.	.05824	85	881.	.09205	
81	0.	.00000	82	1262.	.11050	83	867.	.07627	84	568.	.05935	
80	0.	.00000	81	994.	.08703	82	1226.	.10786	83	710.	.07418	
79	0.	.00000	80	837.	.07329	81	953.	.08384	82	982.	.10260	
78	0.	.00000	79	2984.	.26127	80	3610.	.31759	81	3503.	.36600	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	0.			11421.			11367.			9571.		

TABLE A-1.3
LDGT1 VEHICLE REGISTRATION FOR BEXAR COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		9.64			9.70			9.75		
MED VEH AGE	.00		7.38			7.50			7.72		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	8169.	.04542	91	12800.	.06684	92	10553.	.05522
88	0.	.00000	89	12990.	.07222	90	11521.	.06016	91	13755.	.07198
87	0.	.00000	88	11981.	.06661	89	12734.	.06649	90	11288.	.05907
86	0.	.00000	87	11410.	.06344	88	11867.	.06197	89	12655.	.06622
85	0.	.00000	86	15545.	.08643	87	11477.	.05993	88	11676.	.06110
84	0.	.00000	85	13554.	.07536	86	15440.	.08062	87	11186.	.05853
83	0.	.00000	84	12965.	.07208	85	13534.	.07067	86	15094.	.07898
82	0.	.00000	83	8739.	.04859	84	12785.	.06676	85	13050.	.06829
81	0.	.00000	82	9009.	.05009	83	8657.	.04520	84	12210.	.06389
80	0.	.00000	81	8353.	.04644	82	8917.	.04656	83	8159.	.04269
79	0.	.00000	80	6165.	.03428	81	8163.	.04263	82	8344.	.04366
78	0.	.00000	79	8178.	.04547	80	5937.	.03100	81	7561.	.03957
77	0.	.00000	78	8127.	.04519	79	7916.	.04134	80	5412.	.02832
76	0.	.00000	77	7020.	.03903	78	7773.	.04059	79	7167.	.03750
75	0.	.00000	76	5342.	.02970	77	6673.	.03484	78	6988.	.03657
74	0.	.00000	75	3329.	.01851	76	5035.	.02629	77	5912.	.03094
73	0.	.00000	74	4111.	.02286	75	3146.	.01643	76	4443.	.02325
72	0.	.00000	73	3945.	.02193	74	3833.	.02002	75	2683.	.01404
71	0.	.00000	72	3483.	.01937	73	3646.	.01904	74	3297.	.01725
70	0.	.00000	71	2514.	.01398	72	3290.	.01718	73	3115.	.01630
69	0.	.00000	70	2204.	.01226	71	2358.	.01232	72	2773.	.01451
68	0.	.00000	69	2290.	.01273	70	2068.	.01080	71	1987.	.01040
67	0.	.00000	68	898.	.00500	69	2148.	.01121	70	1742.	.00912
66	0.	.00000	67	1993.	.01108	68	843.	.00440	69	1809.	.00947
65	0.	.00000	66	7544.	.04194	67	8945.	.04671	68	8243.	.04313
	0.			179858.			191506.			191102.	

TABLE A-1.4
LDGT2 VEHICLE REGISTRATION FOR BEXAR COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		9.38			9.56			9.56		
MED VEH AGE	.00		8.23			8.08			8.23		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	716.	.04285	91	1034.	.05636	92	1141.	.06166
88	0.	.00000	89	1257.	.07522	90	984.	.05364	91	1181.	.06382
87	0.	.00000	88	1051.	.06290	89	1182.	.06443	90	972.	.05252
86	0.	.00000	87	758.	.04536	88	1037.	.05653	89	1162.	.06279
85	0.	.00000	86	1367.	.08181	87	749.	.04083	88	1031.	.05571
84	0.	.00000	85	1465.	.08767	86	1355.	.07386	87	760.	.04107
83	0.	.00000	84	1385.	.08288	85	1413.	.07702	86	1335.	.07214
82	0.	.00000	83	115.	.00688	84	1334.	.07272	85	1372.	.07414
81	0.	.00000	82	1034.	.06188	83	1081.	.05893	84	1297.	.07009
80	0.	.00000	81	574.	.03435	82	1026.	.05593	83	1052.	.05685
79	0.	.00000	80	644.	.03854	81	558.	.03042	82	971.	.05247
78	0.	.00000	79	1221.	.07307	80	635.	.03461	81	527.	.02848
77	0.	.00000	78	993.	.05943	79	1160.	.06323	80	584.	.03156
76	0.	.00000	77	991.	.05931	78	918.	.05004	79	1027.	.05550
75	0.	.00000	76	828.	.04955	77	949.	.05173	78	818.	.04420
74	0.	.00000	75	497.	.02974	76	780.	.04252	77	823.	.04447
73	0.	.00000	74	437.	.02615	75	465.	.02535	76	694.	.03750
72	0.	.00000	73	339.	.02029	74	437.	.02382	75	388.	.02097
71	0.	.00000	72	196.	.01173	73	301.	.01641	74	370.	.01999
70	0.	.00000	71	169.	.01011	72	174.	.00949	73	256.	.01383
69	0.	.00000	70	138.	.00829	71	155.	.00845	72	137.	.00740
68	0.	.00000	69	109.	.00655	70	127.	.00693	71	122.	.00659
67	0.	.00000	68	41.	.00244	69	100.	.00547	70	100.	.00540
66	0.	.00000	67	109.	.00652	68	37.	.00204	69	79.	.00427
65	0.	.00000	66	275.	.01648	67	353.	.01924	68	307.	.01659
	0.			16710.			18345.			18506.	

TABLE A-1.5
HDGT VEHICLE REGISTRATION FOR BEXAS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			11.11			11.34			11.29		
MED VEH AGE	.00			9.88			9.98			9.76		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	340.	.03209	91	317.	.03081	92	435.	.04363	
88	0.	.00000	89	402.	.03794	90	446.	.04335	91	394.	.03952	
87	0.	.00000	88	375.	.03539	89	407.	.03956	90	452.	.04534	
86	0.	.00000	87	423.	.03992	88	388.	.03771	89	411.	.04122	
85	0.	.00000	86	758.	.07154	87	440.	.04277	88	420.	.04213	
84	0.	.00000	85	828.	.07815	86	772.	.07504	87	452.	.04534	
83	0.	.00000	84	701.	.06616	85	789.	.07669	86	772.	.07743	
82	0.	.00000	83	468.	.04417	84	624.	.06065	85	757.	.07593	
81	0.	.00000	82	564.	.05323	83	430.	.04180	84	583.	.05848	
80	0.	.00000	81	496.	.04681	82	543.	.05278	83	408.	.04092	
79	0.	.00000	80	513.	.04842	81	473.	.04598	82	508.	.05095	
78	0.	.00000	79	785.	.07409	80	449.	.04364	81	429.	.04303	
77	0.	.00000	78	571.	.05389	79	720.	.06998	80	402.	.04032	
76	0.	.00000	77	539.	.05087	78	508.	.04938	79	629.	.06309	
75	0.	.00000	76	325.	.03067	77	478.	.04646	78	428.	.04293	
74	0.	.00000	75	354.	.03341	76	302.	.02935	77	390.	.03912	
73	0.	.00000	74	362.	.03417	75	297.	.02887	76	230.	.02307	
72	0.	.00000	73	399.	.03766	74	328.	.03188	75	261.	.02618	
71	0.	.00000	72	260.	.02454	73	374.	.03635	74	281.	.02818	
70	0.	.00000	71	171.	.01616	72	222.	.02154	73	308.	.03089	
69	0.	.00000	70	160.	.01515	71	149.	.01444	72	188.	.01886	
68	0.	.00000	69	166.	.01567	70	139.	.01353	71	126.	.01264	
67	0.	.00000	68	42.	.00396	69	144.	.01399	70	118.	.01184	
66	0.	.00000	67	75.	.00711	68	36.	.00354	69	122.	.01224	
65	0.	.00000	66	517.	.04879	67	513.	.04990	68	466.	.04674	
	0.			10595.			10288.			9970.		

TABLE A-1.6
HDDV VEHICLE REGISTRATION FOR BEXAR COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		8.82		8.60		8.87				
MED VEH AGE	.00		7.56		7.23		7.61				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	302.	.06550	91	409.	.08211	92	179.	.03521
88	0.	.00000	89	290.	.06289	90	374.	.07509	91	445.	.08753
87	0.	.00000	88	214.	.04641	89	280.	.05621	90	394.	.07750
86	0.	.00000	87	278.	.06029	88	239.	.04798	89	292.	.05744
85	0.	.00000	86	346.	.07504	87	295.	.05923	88	273.	.05370
84	0.	.00000	85	437.	.09477	86	383.	.07689	87	301.	.05921
83	0.	.00000	84	351.	.07612	85	424.	.08512	86	384.	.07553
82	0.	.00000	83	155.	.03362	84	379.	.07609	85	447.	.08792
81	0.	.00000	82	211.	.04576	83	183.	.03674	84	377.	.07415
80	0.	.00000	81	301.	.06528	82	221.	.04437	83	185.	.03639
79	0.	.00000	80	261.	.05660	81	317.	.06364	82	224.	.04406
78	0.	.00000	79	389.	.08436	80	240.	.04818	81	295.	.05803
77	0.	.00000	78	250.	.05422	79	359.	.07207	80	215.	.04229
76	0.	.00000	77	207.	.04489	78	200.	.04015	79	324.	.06373
75	0.	.00000	76	91.	.01974	77	170.	.03413	78	184.	.03619
74	0.	.00000	75	105.	.02277	76	70.	.01405	77	140.	.02754
73	0.	.00000	74	116.	.02516	75	83.	.01666	76	64.	.01259
72	0.	.00000	73	76.	.01648	74	93.	.01867	75	66.	.01298
71	0.	.00000	72	72.	.01561	73	70.	.01405	74	75.	.01475
70	0.	.00000	71	48.	.01049	72	56.	.01118	73	58.	.01141
69	0.	.00000	70	28.	.00600	71	41.	.00833	72	47.	.00924
68	0.	.00000	69	22.	.00480	70	24.	.00476	71	35.	.00688
67	0.	.00000	68	7.	.00150	69	19.	.00381	70	20.	.00393
66	0.	.00000	67	12.	.00257	68	6.	.00119	69	16.	.00315
65	0.	.00000	66	42.	.00914	67	46.	.00929	68	44.	.00865
	0.			4611.			4981.			5084.	

TABLE A-2.1
AUTOMOBILE VEHICLE REGISTRATION FOR BRAZORIA

Houston MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.13			8.06			8.11		
MED VEH AGE	.00			6.69			6.63			6.70		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	3997.	.04570	91	6199.	.06374	92	4485.	.04688	
88	0.	.00000	89	7429.	.08495	90	7432.	.07642	91	8023.	.08387	
87	0.	.00000	88	7337.	.08389	89	8284.	.08518	90	7531.	.07872	
86	0.	.00000	87	6476.	.07405	88	7952.	.08176	89	8245.	.08619	
85	0.	.00000	86	6718.	.07682	87	6976.	.07173	88	7905.	.08263	
84	0.	.00000	85	7047.	.08058	86	7141.	.07342	87	6849.	.07159	
83	0.	.00000	84	6845.	.07827	85	7427.	.07637	86	6882.	.07194	
82	0.	.00000	83	4866.	.05564	84	7093.	.07293	85	7042.	.07361	
81	0.	.00000	82	5353.	.06121	83	4906.	.05044	84	6719.	.07024	
80	0.	.00000	81	5261.	.06016	82	5180.	.05326	83	4542.	.04748	
79	0.	.00000	80	4771.	.05455	81	5185.	.05331	82	4557.	.04764	
78	0.	.00000	79	5071.	.05798	80	4385.	.04509	81	4408.	.04608	
77	0.	.00000	78	4380.	.05008	79	4672.	.04804	80	3503.	.03662	
76	0.	.00000	77	3224.	.03686	78	3955.	.04067	79	3808.	.03981	
75	0.	.00000	76	2052.	.02346	77	2794.	.02873	78	3115.	.03256	
74	0.	.00000	75	1122.	.01283	76	1715.	.01763	77	2132.	.02229	
73	0.	.00000	74	967.	.01106	75	899.	.00924	76	1297.	.01356	
72	0.	.00000	73	819.	.00936	74	849.	.00873	75	651.	.00681	
71	0.	.00000	72	688.	.00787	73	718.	.00738	74	608.	.00636	
70	0.	.00000	71	412.	.00471	72	577.	.00594	73	572.	.00598	
69	0.	.00000	70	411.	.00470	71	397.	.00408	72	462.	.00483	
68	0.	.00000	69	356.	.00407	70	396.	.00407	71	317.	.00331	
67	0.	.00000	68	378.	.00433	69	342.	.00352	70	316.	.00330	
66	0.	.00000	67	417.	.00477	68	364.	.00374	69	273.	.00285	
65	0.	.00000	66	1058.	.01210	67	1418.	.01458	68	1422.	.01486	
	0.			87455.			97256.			95664.		

TABLE A-2.2
MOTORCYCLE VEHICLE REGISTRATION FOR BRAZORIA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.71			9.21			9.64		
MED VEH AGE	.00			8.00			8.54			8.68		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	67.	.02502	91	73.	.02532	92	97.	.03880	
88	0.	.00000	89	101.	.03771	90	131.	.04544	91	84.	.03360	
87	0.	.00000	88	113.	.04220	89	158.	.05480	90	130.	.05200	
86	0.	.00000	87	161.	.06012	88	132.	.04579	89	139.	.05560	
85	0.	.00000	86	281.	.10493	87	160.	.05550	88	123.	.04920	
84	0.	.00000	85	257.	.09597	86	273.	.09469	87	139.	.05560	
83	0.	.00000	84	164.	.06124	85	257.	.08914	86	225.	.09000	
82	0.	.00000	83	195.	.07282	84	155.	.05376	85	222.	.08880	
81	0.	.00000	82	250.	.09335	83	191.	.06625	84	134.	.05360	
80	0.	.00000	81	219.	.08178	82	249.	.08637	83	166.	.06640	
79	0.	.00000	80	239.	.08925	81	225.	.07804	82	187.	.07480	
78	0.	.00000	79	631.	.23562	80	879.	.30489	81	854.	.34160	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	0.			2678.			2883.			2500.		

TABLE A-2.3
LDGT1 VEHICLE REGISTRATION FOR BRAZORIA COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.16			8.13			8.25		
MED VEH AGE	.00			6.55			6.59			6.75		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	2674.	.06013	91	3845.	.07712	92	2721.	.05474	
88	0.	.00000	89	4138.	.09305	90	4027.	.08077	91	4338.	.08727	
87	0.	.00000	88	3573.	.08034	89	4355.	.08735	90	3979.	.08005	
86	0.	.00000	87	2932.	.06593	88	3798.	.07618	89	4323.	.08697	
85	0.	.00000	86	3384.	.07609	87	3130.	.06278	88	3790.	.07624	
84	0.	.00000	85	3584.	.08059	86	3607.	.07235	87	3057.	.06150	
83	0.	.00000	84	3580.	.08050	85	3687.	.07395	86	3548.	.07138	
82	0.	.00000	83	2232.	.05019	84	3671.	.07363	85	3568.	.07178	
81	0.	.00000	82	2874.	.06462	83	2291.	.04595	84	3471.	.06983	
80	0.	.00000	81	2617.	.05884	82	2857.	.05730	83	2100.	.04225	
79	0.	.00000	80	1850.	.04160	81	2541.	.05097	82	2589.	.05208	
78	0.	.00000	79	2273.	.05111	80	1784.	.03578	81	2201.	.04428	
77	0.	.00000	78	2015.	.04531	79	2125.	.04262	80	1523.	.03064	
76	0.	.00000	77	1566.	.03521	78	1897.	.03805	79	1821.	.03663	
75	0.	.00000	76	1064.	.02392	77	1412.	.02832	78	1613.	.03245	
74	0.	.00000	75	552.	.01241	76	959.	.01924	77	1174.	.02362	
73	0.	.00000	74	587.	.01320	75	507.	.01017	76	767.	.01543	
72	0.	.00000	73	528.	.01187	74	549.	.01101	75	390.	.00785	
71	0.	.00000	72	483.	.01086	73	471.	.00945	74	433.	.00871	
70	0.	.00000	71	320.	.00720	72	437.	.00877	73	379.	.00762	
69	0.	.00000	70	276.	.00622	71	311.	.00623	72	359.	.00722	
68	0.	.00000	69	283.	.00636	70	268.	.00538	71	255.	.00513	
67	0.	.00000	68	93.	.00209	69	274.	.00550	70	220.	.00443	
66	0.	.00000	67	267.	.00599	68	90.	.00180	69	225.	.00453	
65	0.	.00000	66	728.	.01637	67	964.	.01934	68	865.	.01740	
	0.			44473.			49857.			49709.		

TABLE A-2.4
LDGT2 VEHICLE REGISTRATION FOR BRAZORIA COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.08			8.02			8.06		
MED VEH AGE	.00			6.85			6.95			7.06		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	315.	.06099	91	451.	.07879	92	424.	.07224	
88	0.	.00000	89	438.	.08480	90	398.	.06953	91	511.	.08707	
87	0.	.00000	88	363.	.07028	89	485.	.08473	90	404.	.06884	
86	0.	.00000	87	215.	.04163	88	409.	.07145	89	499.	.08502	
85	0.	.00000	86	410.	.07938	87	234.	.04088	88	398.	.06781	
84	0.	.00000	85	464.	.08984	86	438.	.07652	87	242.	.04123	
83	0.	.00000	84	444.	.08596	85	473.	.08263	86	430.	.07327	
82	0.	.00000	83	287.	.05557	84	478.	.08351	85	451.	.07684	
81	0.	.00000	82	400.	.07744	83	295.	.05154	84	457.	.07787	
80	0.	.00000	81	230.	.04453	82	391.	.06831	83	277.	.04720	
79	0.	.00000	80	225.	.04356	81	225.	.03931	82	343.	.05844	
78	0.	.00000	79	332.	.06428	80	217.	.03791	81	208.	.03544	
77	0.	.00000	78	303.	.05866	79	311.	.05433	80	186.	.03169	
76	0.	.00000	77	237.	.04589	78	278.	.04857	79	279.	.04754	
75	0.	.00000	76	175.	.03388	77	198.	.03459	78	230.	.03919	
74	0.	.00000	75	107.	.02072	76	148.	.02586	77	167.	.02845	
73	0.	.00000	74	56.	.01084	75	101.	.01765	76	130.	.02215	
72	0.	.00000	73	44.	.00852	74	49.	.00856	75	76.	.01295	
71	0.	.00000	72	20.	.00387	73	46.	.00804	74	40.	.00682	
70	0.	.00000	71	30.	.00584	72	21.	.00367	73	37.	.00630	
69	0.	.00000	70	29.	.00553	71	24.	.00411	72	17.	.00290	
68	0.	.00000	69	5.	.00092	70	22.	.00389	71	19.	.00324	
67	0.	.00000	68	4.	.00078	69	4.	.00065	70	18.	.00307	
66	0.	.00000	67	9.	.00170	68	3.	.00055	69	3.	.00051	
65	0.	.00000	66	24.	.00458	67	25.	.00442	68	23.	.00392	
	0.			5165.			5724.			5869.		

TABLE A-2.5
HDGT VEHICLE REGISTRATION FOR BRAZORIA COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		11.16			11.17			11.24		
MED VEH AGE	.00		10.40			10.50			10.53		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	59.	.02751	91	77.	.03371	92	65.	.02819
88	0.	.00000	89	90.	.04196	90	124.	.05429	91	93.	.04033
87	0.	.00000	88	100.	.04662	89	103.	.04510	90	136.	.05898
86	0.	.00000	87	38.	.01772	88	95.	.04159	89	112.	.04857
85	0.	.00000	86	70.	.03263	87	48.	.02102	88	109.	.04727
84	0.	.00000	85	110.	.05128	86	104.	.04553	87	54.	.02342
83	0.	.00000	84	143.	.06667	85	115.	.05035	86	121.	.05247
82	0.	.00000	83	88.	.04103	84	154.	.06743	85	128.	.05551
81	0.	.00000	82	174.	.08112	83	88.	.03853	84	156.	.06765
80	0.	.00000	81	140.	.06527	82	166.	.07268	83	94.	.04076
79	0.	.00000	80	150.	.06993	81	135.	.05911	82	161.	.06982
78	0.	.00000	79	192.	.08951	80	149.	.06524	81	118.	.05117
77	0.	.00000	78	168.	.07832	79	192.	.08406	80	139.	.06028
76	0.	.00000	77	118.	.05501	78	157.	.06874	79	180.	.07806
75	0.	.00000	76	68.	.03170	77	98.	.04291	78	138.	.05984
74	0.	.00000	75	81.	.03776	76	66.	.02890	77	80.	.03469
73	0.	.00000	74	66.	.03077	75	81.	.03546	76	55.	.02385
72	0.	.00000	73	59.	.02751	74	63.	.02758	75	75.	.03252
71	0.	.00000	72	47.	.02191	73	54.	.02364	74	65.	.02819
70	0.	.00000	71	26.	.01207	72	43.	.01902	73	49.	.02125
69	0.	.00000	70	28.	.01328	71	24.	.01057	72	36.	.01561
68	0.	.00000	69	34.	.01571	70	27.	.01163	71	20.	.00867
67	0.	.00000	68	10.	.00464	69	31.	.01375	70	22.	.00954
66	0.	.00000	67	19.	.00893	68	9.	.00406	69	26.	.01127
65	0.	.00000	66	67.	.03115	67	80.	.03509	68	74.	.03209
	0.			2145.			2284.			2306.	

TABLE A-2.6
HDDV VEHICLE REGISTRATION FOR BRAZORIA COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		10.73			10.60			10.78		
MED VEH AGE	.00		10.06			10.44			10.78		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	12.	.01734	91	31.	.03539	92	0.	.00000
88	0.	.00000	89	17.	.02457	90	30.	.03425	91	46.	.05169
87	0.	.00000	88	21.	.03035	89	25.	.02854	90	36.	.04045
86	0.	.00000	87	19.	.02746	88	35.	.03995	89	31.	.03483
85	0.	.00000	86	31.	.04480	87	24.	.02740	88	37.	.04157
84	0.	.00000	85	41.	.05925	86	45.	.05137	87	26.	.02921
83	0.	.00000	84	52.	.07514	85	50.	.05708	86	62.	.06966
82	0.	.00000	83	11.	.01590	84	79.	.09018	85	59.	.06629
81	0.	.00000	82	42.	.06069	83	15.	.01712	84	89.	.10000
80	0.	.00000	81	97.	.14017	82	58.	.06621	83	17.	.01910
79	0.	.00000	80	51.	.07370	81	105.	.11986	82	54.	.06067
78	0.	.00000	79	68.	.09827	80	78.	.08904	81	98.	.11011
77	0.	.00000	78	68.	.09827	79	81.	.09247	80	76.	.08539
76	0.	.00000	77	33.	.04769	78	67.	.07648	79	78.	.08764
75	0.	.00000	76	22.	.03179	77	30.	.03425	78	62.	.06966
74	0.	.00000	75	24.	.03468	76	13.	.01484	77	27.	.03034
73	0.	.00000	74	25.	.03613	75	24.	.02740	76	12.	.01348
72	0.	.00000	73	19.	.02746	74	24.	.02740	75	22.	.02472
71	0.	.00000	72	11.	.01590	73	23.	.02626	74	15.	.01685
70	0.	.00000	71	7.	.00963	72	11.	.01227	73	14.	.01573
69	0.	.00000	70	5.	.00771	71	7.	.00767	72	8.	.00899
68	0.	.00000	69	8.	.01156	70	5.	.00614	71	5.	.00562
67	0.	.00000	68	1.	.00126	69	8.	.00921	70	4.	.00449
66	0.	.00000	67	3.	.00425	68	1.	.00101	69	6.	.00674
65	0.	.00000	66	4.	.00605	67	7.	.00821	68	6.	.00674
	0.			692.			876.			890.	

Brownsville - Harlingen MSA

TABLE A-3.2
MOTORCYCLE VEHICLE REGISTRATION FOR CAMERON COUNTY

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TABLE A-3.3
LDGT1 VEHICLE REGISTRATION FOR CAMERON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			9.66			9.78			9.90		
MED VEH AGE	.00			8.54			8.61			8.57		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1189.	.03718	91	1794.	.04794	92	1169.	.03191	
88	0.	.00000	89	2291.	.07163	90	1996.	.05334	91	2101.	.05735	
87	0.	.00000	88	2063.	.06451	89	2484.	.06638	90	2006.	.05476	
86	0.	.00000	87	1522.	.04759	88	2311.	.06176	89	2487.	.06789	
85	0.	.00000	86	2055.	.06425	87	1759.	.04701	88	2407.	.06570	
84	0.	.00000	85	1999.	.06250	86	2327.	.06219	87	1807.	.04933	
83	0.	.00000	84	2137.	.06682	85	2370.	.06334	86	2405.	.06565	
82	0.	.00000	83	1536.	.04803	84	2519.	.06732	85	2493.	.06805	
81	0.	.00000	82	2203.	.06888	83	1891.	.05053	84	2516.	.06868	
80	0.	.00000	81	2258.	.07060	82	2498.	.06676	83	1833.	.05004	
79	0.	.00000	80	1540.	.04815	81	2496.	.06670	82	2306.	.06295	
78	0.	.00000	79	1953.	.06107	80	1667.	.04455	81	2253.	.06150	
77	0.	.00000	78	1744.	.05453	79	2122.	.05671	80	1479.	.04037	
76	0.	.00000	77	1581.	.04943	78	1833.	.04898	79	1818.	.04963	
75	0.	.00000	76	1146.	.03583	77	1587.	.04241	78	1582.	.04318	
74	0.	.00000	75	693.	.02167	76	1111.	.02969	77	1306.	.03565	
73	0.	.00000	74	735.	.02298	75	658.	.01758	76	912.	.02489	
72	0.	.00000	73	632.	.01976	74	641.	.01713	75	542.	.01479	
71	0.	.00000	72	509.	.01592	73	633.	.01692	74	512.	.01398	
70	0.	.00000	71	381.	.01191	72	501.	.01339	73	489.	.01335	
69	0.	.00000	70	329.	.01027	71	385.	.01030	72	407.	.01111	
68	0.	.00000	69	346.	.01081	70	333.	.00889	71	313.	.00854	
67	0.	.00000	68	78.	.00244	69	350.	.00935	70	270.	.00737	
66	0.	.00000	67	325.	.01017	68	79.	.00211	69	284.	.00775	
65	0.	.00000	66	737.	.02306	67	1075.	.02873	68	937.	.02558	
	0.			31982.			37420.			36634.		

TABLE A-3.4
LDGT2 VEHICLE REGISTRATION FOR CAMERON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			10.04			10.26			10.16		
MED VEH AGE	.00			9.20			9.38			9.09		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	108.	.03950	91	130.	.04233	92	122.	.04242	
88	0.	.00000	89	181.	.06620	90	161.	.05243	91	147.	.05111	
87	0.	.00000	88	150.	.05486	89	192.	.06252	90	164.	.05702	
86	0.	.00000	87	74.	.02707	88	158.	.05145	89	182.	.06328	
85	0.	.00000	86	151.	.05523	87	92.	.02996	88	173.	.06015	
84	0.	.00000	85	189.	.06913	86	148.	.04819	87	80.	.02782	
83	0.	.00000	84	169.	.06181	85	214.	.06968	86	151.	.05250	
82	0.	.00000	83	140.	.05121	84	198.	.06447	85	209.	.07267	
81	0.	.00000	82	179.	.06547	83	163.	.05308	84	196.	.06815	
80	0.	.00000	81	130.	.04755	82	208.	.06773	83	162.	.05633	
79	0.	.00000	80	101.	.03694	81	125.	.04070	82	189.	.06572	
78	0.	.00000	79	219.	.08010	80	121.	.03940	81	105.	.03651	
77	0.	.00000	78	172.	.06291	79	227.	.07392	80	89.	.03095	
76	0.	.00000	77	182.	.06657	78	193.	.06285	79	191.	.06641	
75	0.	.00000	76	160.	.05852	77	173.	.05633	78	159.	.05529	
74	0.	.00000	75	105.	.03841	76	152.	.04950	77	137.	.04764	
73	0.	.00000	74	89.	.03255	75	100.	.03256	76	115.	.03999	
72	0.	.00000	73	58.	.02121	74	83.	.02703	75	63.	.02191	
71	0.	.00000	72	41.	.01500	73	60.	.01954	74	67.	.02330	
70	0.	.00000	71	22.	.00802	72	47.	.01540	73	47.	.01634	
69	0.	.00000	70	25.	.00909	71	20.	.00660	72	35.	.01217	
68	0.	.00000	69	28.	.01016	70	23.	.00748	71	15.	.00522	
67	0.	.00000	68	2.	.00059	69	26.	.00836	70	17.	.00591	
66	0.	.00000	67	20.	.00747	68	1.	.00048	69	19.	.00661	
65	0.	.00000	66	39.	.01441	67	55.	.01800	68	42.	.01460	
	0.			2734.			3071.			2876.		

TABLE A-3.5
HDGT VEHICLE REGISTRATION FOR CAMERON COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		13.83			14.00			13.84		
MED VEH AGE	.00		12.96			13.13			13.19		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	32.	.01567	91	38.	.01699	92	34.	.01633
88	0.	.00000	89	48.	.02351	90	45.	.02013	91	53.	.02546
87	0.	.00000	88	38.	.01861	89	50.	.02236	90	50.	.02402
86	0.	.00000	87	50.	.02449	88	45.	.02013	89	50.	.02402
85	0.	.00000	86	62.	.03036	87	57.	.02549	88	46.	.02209
84	0.	.00000	85	71.	.03477	86	85.	.03801	87	74.	.03554
83	0.	.00000	84	72.	.03526	85	82.	.03667	86	101.	.04851
82	0.	.00000	83	62.	.03036	84	102.	.04562	85	86.	.04131
81	0.	.00000	82	108.	.05289	83	68.	.03041	84	109.	.05235
80	0.	.00000	81	106.	.05191	82	123.	.05501	83	69.	.03314
79	0.	.00000	80	102.	.04995	81	111.	.04964	82	122.	.05860
78	0.	.00000	79	149.	.07297	80	121.	.05411	81	99.	.04755
77	0.	.00000	78	126.	.06170	79	172.	.07692	80	120.	.05764
76	0.	.00000	77	113.	.05534	78	151.	.06753	79	147.	.07061
75	0.	.00000	76	101.	.04946	77	111.	.04964	78	122.	.05860
74	0.	.00000	75	103.	.05044	76	109.	.04875	77	96.	.04611
73	0.	.00000	74	101.	.04946	75	102.	.04562	76	97.	.04659
72	0.	.00000	73	141.	.06905	74	99.	.04428	75	81.	.03890
71	0.	.00000	72	78.	.03820	73	136.	.06082	74	82.	.03939
70	0.	.00000	71	57.	.02774	72	74.	.03301	73	113.	.05427
69	0.	.00000	70	55.	.02708	71	53.	.02376	72	57.	.02738
68	0.	.00000	69	75.	.03658	70	52.	.02318	71	41.	.01969
67	0.	.00000	68	5.	.00265	69	70.	.03131	70	40.	.01921
66	0.	.00000	67	55.	.02706	68	5.	.00227	69	54.	.02594
65	0.	.00000	66	132.	.06448	67	175.	.07833	68	139.	.06676
	0.			2042.			2236.			2082.	

TABLE A-3.6
HDDV VEHICLE REGISTRATION FOR CAMERON COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		11.84			11.34			11.85		
MED VEH AGE	.00		11.09			10.59			11.28		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	10.	.02066	91	17.	.02881	92	2.	.00363
88	0.	.00000	89	14.	.02893	90	25.	.04237	91	16.	.02904
87	0.	.00000	88	10.	.02066	89	14.	.02373	90	25.	.04537
86	0.	.00000	87	12.	.02479	88	12.	.02034	89	13.	.02359
85	0.	.00000	86	12.	.02479	87	21.	.03559	88	17.	.03085
84	0.	.00000	85	20.	.04132	86	23.	.03898	87	24.	.04356
83	0.	.00000	84	33.	.06818	85	33.	.05593	86	25.	.04537
82	0.	.00000	83	15.	.03099	84	53.	.08983	85	33.	.05989
81	0.	.00000	82	32.	.06612	83	21.	.03559	84	51.	.09256
80	0.	.00000	81	56.	.11570	82	37.	.06271	83	22.	.03993
79	0.	.00000	80	24.	.04959	81	66.	.11186	82	31.	.05626
78	0.	.00000	79	44.	.09091	80	32.	.05424	81	59.	.10708
77	0.	.00000	78	32.	.06612	79	43.	.07288	80	30.	.05445
76	0.	.00000	77	31.	.06405	78	36.	.06102	79	45.	.08167
75	0.	.00000	76	33.	.06818	77	33.	.05593	78	25.	.04537
74	0.	.00000	75	23.	.04752	76	32.	.05424	77	28.	.05082
73	0.	.00000	74	19.	.03926	75	23.	.03898	76	26.	.04719
72	0.	.00000	73	18.	.03719	74	12.	.02034	75	20.	.03630
71	0.	.00000	72	7.	.01446	73	17.	.02881	74	11.	.01996
70	0.	.00000	71	4.	.00929	72	9.	.01594	73	14.	.02541
69	0.	.00000	70	4.	.00929	71	4.	.00598	72	8.	.01452
68	0.	.00000	69	6.	.01240	70	4.	.00598	71	3.	.00544
67	0.	.00000	68	1.	.00154	69	5.	.00798	70	3.	.00544
66	0.	.00000	67	7.	.01456	68	1.	.00099	69	4.	.00726
65	0.	.00000	66	16.	.03350	67	18.	.03093	68	16.	.02904
	0.			484.			590.			551.	

TABLE A-4.1
AUTOMOBILE VEHICLE REGISTRATION FOR CHAMBERS COUNTY

Houston MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.32			8.18			8.22		
MED VEH AGE	.00			6.89			6.75			6.82		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	192.	.02318	91	368.	.04088	92	275.	.02977	
88	0.	.00000	89	634.	.07653	90	711.	.07899	91	752.	.08140	
87	0.	.00000	88	718.	.08667	89	809.	.08988	90	795.	.08606	
86	0.	.00000	87	615.	.07424	88	775.	.08610	89	831.	.08995	
85	0.	.00000	86	624.	.07533	87	642.	.07133	88	790.	.08552	
84	0.	.00000	85	708.	.08547	86	656.	.07288	87	638.	.06906	
83	0.	.00000	84	730.	.08812	85	717.	.07966	86	653.	.07069	
82	0.	.00000	83	443.	.05348	84	683.	.07588	85	726.	.07859	
81	0.	.00000	82	531.	.06410	83	445.	.04944	84	674.	.07296	
80	0.	.00000	81	545.	.06579	82	480.	.05333	83	418.	.04525	
79	0.	.00000	80	437.	.05275	81	491.	.05455	82	426.	.04611	
78	0.	.00000	79	515.	.06217	80	394.	.04377	81	442.	.04785	
77	0.	.00000	78	459.	.05541	79	430.	.04777	80	328.	.03551	
76	0.	.00000	77	323.	.03899	78	417.	.04633	79	360.	.03897	
75	0.	.00000	76	216.	.02607	77	290.	.03222	78	339.	.03670	
74	0.	.00000	75	110.	.01328	76	169.	.01878	77	228.	.02468	
73	0.	.00000	74	92.	.01111	75	86.	.00955	76	119.	.01288	
72	0.	.00000	73	74.	.00893	74	64.	.00711	75	68.	.00736	
71	0.	.00000	72	68.	.00821	73	49.	.00544	74	49.	.00530	
70	0.	.00000	71	40.	.00480	72	63.	.00695	73	47.	.00509	
69	0.	.00000	70	38.	.00454	71	42.	.00464	72	54.	.00585	
68	0.	.00000	69	35.	.00427	70	39.	.00438	71	36.	.00390	
67	0.	.00000	68	33.	.00393	69	37.	.00413	70	34.	.00368	
66	0.	.00000	67	22.	.00263	68	34.	.00380	69	32.	.00346	
65	0.	.00000	66	83.	.01001	67	110.	.01221	68	124.	.01342	
	0.			8284.			9001.			9238.		

TABLE A-4.2
MOTORCYCLE VEHICLE REGISTRATION FOR CHAMBERS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			9.90			9.99			11.05		
MED VEH AGE	.00			9.22			9.50			10.47		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	0.	.00000	91	4.	.01843	92	4.	.02000	
88	0.	.00000	89	4.	.02273	90	4.	.01843	91	6.	.03000	
87	0.	.00000	88	5.	.02841	89	13.	.05991	90	7.	.03500	
86	0.	.00000	87	10.	.05682	88	6.	.02765	89	11.	.05500	
85	0.	.00000	86	14.	.07955	87	11.	.05069	88	6.	.03000	
84	0.	.00000	85	6.	.03409	86	21.	.09677	87	10.	.05000	
83	0.	.00000	84	13.	.07386	85	10.	.04608	86	15.	.07500	
82	0.	.00000	83	15.	.08523	84	13.	.05991	85	10.	.05000	
81	0.	.00000	82	19.	.10795	83	16.	.07373	84	10.	.05000	
80	0.	.00000	81	9.	.05114	82	21.	.09677	83	12.	.06000	
79	0.	.00000	80	29.	.16477	81	15.	.06912	82	19.	.09500	
78	0.	.00000	79	52.	.29545	80	83.	.38249	81	90.	.45000	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	0.			176.			217.			200.		

TABLE A-4.3
LDGT1 VEHICLE REGISTRATION FOR CHAMBERS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			7.91			7.86			8.10		
MED VEH AGE	.00			6.28			6.24			6.51		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	347.	.05927	91	369.	.05780	92	288.	.04433	
88	0.	.00000	89	539.	.09206	90	612.	.09586	91	562.	.08650	
87	0.	.00000	88	550.	.09394	89	647.	.10135	90	611.	.09404	
86	0.	.00000	87	383.	.06541	88	545.	.08537	89	644.	.09912	
85	0.	.00000	86	460.	.07857	87	420.	.06579	88	525.	.08081	
84	0.	.00000	85	520.	.08881	86	475.	.07440	87	380.	.05849	
83	0.	.00000	84	462.	.07891	85	509.	.07973	86	465.	.07157	
82	0.	.00000	83	277.	.04731	84	440.	.06892	85	465.	.07157	
81	0.	.00000	82	369.	.06302	83	267.	.04182	84	429.	.06603	
80	0.	.00000	81	357.	.06097	82	340.	.05326	83	270.	.04156	
79	0.	.00000	80	228.	.03894	81	330.	.05169	82	313.	.04818	
78	0.	.00000	79	282.	.04816	80	216.	.03383	81	295.	.04541	
77	0.	.00000	78	266.	.04543	79	255.	.03994	80	187.	.02878	
76	0.	.00000	77	181.	.03091	78	223.	.03493	79	230.	.03540	
75	0.	.00000	76	135.	.02306	77	172.	.02694	78	197.	.03032	
74	0.	.00000	75	90.	.01537	76	112.	.01754	77	137.	.02109	
73	0.	.00000	74	77.	.01315	75	75.	.01175	76	102.	.01570	
72	0.	.00000	73	75.	.01281	74	70.	.01096	75	60.	.00924	
71	0.	.00000	72	45.	.00769	73	55.	.00862	74	59.	.00908	
70	0.	.00000	71	38.	.00648	72	47.	.00742	73	44.	.00677	
69	0.	.00000	70	32.	.00553	71	37.	.00573	72	44.	.00677	
68	0.	.00000	69	23.	.00400	70	31.	.00489	71	34.	.00523	
67	0.	.00000	68	12.	.00210	69	23.	.00354	70	29.	.00446	
66	0.	.00000	67	16.	.00269	68	12.	.00186	69	21.	.00323	
65	0.	.00000	66	90.	.01542	67	102.	.01603	68	106.	.01632	
	0.			5855.			6384.			6497.		

TABLE A-4.4
LDGT2 VEHICLE REGISTRATION FOR CHAMBERS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			7.71			7.75			7.55		
MED VEH AGE	.00			6.47			6.56			6.32		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	54.	.06700	91	59.	.06712	92	65.	.07119	
88	0.	.00000	89	85.	.10546	90	67.	.07622	91	89.	.09748	
87	0.	.00000	88	67.	.08313	89	103.	.11718	90	63.	.06900	
86	0.	.00000	87	36.	.04467	88	72.	.08191	89	108.	.11829	
85	0.	.00000	86	56.	.06948	87	42.	.04778	88	71.	.07777	
84	0.	.00000	85	65.	.08065	86	58.	.06598	87	43.	.04710	
83	0.	.00000	84	86.	.10670	85	69.	.07850	86	55.	.06024	
82	0.	.00000	83	49.	.06079	84	90.	.10239	85	63.	.06900	
81	0.	.00000	82	46.	.05707	83	40.	.04551	84	80.	.08762	
80	0.	.00000	81	46.	.05707	82	44.	.05006	83	40.	.04381	
79	0.	.00000	80	34.	.04218	81	40.	.04551	82	50.	.05476	
78	0.	.00000	79	42.	.05211	80	31.	.03527	81	30.	.03286	
77	0.	.00000	78	34.	.04218	79	39.	.04437	80	26.	.02848	
76	0.	.00000	77	25.	.03102	78	30.	.03413	79	37.	.04053	
75	0.	.00000	76	19.	.02357	77	25.	.02844	78	28.	.03067	
74	0.	.00000	75	20.	.02481	76	9.	.01024	77	16.	.01752	
73	0.	.00000	74	10.	.01241	75	22.	.02503	76	11.	.01205	
72	0.	.00000	73	4.	.00496	74	7.	.00796	75	15.	.01643	
71	0.	.00000	72	12.	.01489	73	6.	.00683	74	5.	.00548	
70	0.	.00000	71	6.	.00722	72	8.	.00924	73	2.	.00219	
69	0.	.00000	70	1.	.00180	71	6.	.00739	72	5.	.00548	
68	0.	.00000	69	1.	.00180	70	2.	.00185	71	4.	.00438	
67	0.	.00000	68	1.	.00110	69	2.	.00185	70	1.	.00110	
66	0.	.00000	67	3.	.00345	68	1.	.00113	69	1.	.00110	
65	0.	.00000	66	4.	.00447	67	7.	.00812	68	5.	.00548	
	0.			806.			879.			913.		

TABLE A-4.5
HDGT2 VEHICLE REGISTRATION FOR CHAMBERS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			12.02			11.80			12.81		
MED VEH AGE	.00			10.72			10.17			11.75		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	12.	.02495	91	6.	.01181	92	20.	.04751	
88	0.	.00000	89	15.	.03119	90	20.	.03937	91	15.	.03563	
87	0.	.00000	88	19.	.03950	89	28.	.05512	90	21.	.04988	
86	0.	.00000	87	34.	.07069	88	33.	.06496	89	16.	.03800	
85	0.	.00000	86	18.	.03742	87	50.	.09843	88	22.	.05226	
84	0.	.00000	85	39.	.08108	86	23.	.04528	87	19.	.04513	
83	0.	.00000	84	30.	.06237	85	38.	.07480	86	16.	.03800	
82	0.	.00000	83	8.	.01663	84	21.	.04134	85	12.	.02850	
81	0.	.00000	82	19.	.03950	83	11.	.02165	84	17.	.04038	
80	0.	.00000	81	27.	.05613	82	20.	.03937	83	12.	.02850	
79	0.	.00000	80	27.	.05613	81	24.	.04724	82	27.	.06413	
78	0.	.00000	79	28.	.05821	80	19.	.03740	81	18.	.04276	
77	0.	.00000	78	26.	.05405	79	30.	.05906	80	14.	.03325	
76	0.	.00000	77	18.	.03742	78	19.	.03740	79	29.	.06888	
75	0.	.00000	76	15.	.03119	77	15.	.02953	78	17.	.04038	
74	0.	.00000	75	27.	.05613	76	14.	.02756	77	12.	.02850	
73	0.	.00000	74	22.	.04574	75	25.	.04921	76	12.	.02850	
72	0.	.00000	73	13.	.02703	74	18.	.03543	75	24.	.05701	
71	0.	.00000	72	7.	.01455	73	10.	.01969	74	15.	.03563	
70	0.	.00000	71	11.	.02240	72	7.	.01475	73	8.	.01900	
69	0.	.00000	70	9.	.01793	71	11.	.02108	72	7.	.01663	
68	0.	.00000	69	14.	.02915	70	9.	.01687	71	10.	.02375	
67	0.	.00000	68	0.	.00000	69	14.	.02742	70	8.	.01900	
66	0.	.00000	67	5.	.01056	68	0.	.00000	69	13.	.03088	
65	0.	.00000	66	39.	.08006	67	43.	.08523	68	37.	.08789	
	0.			481.			508.			421.		

TABLE A-4.6
HDDV VEHICLE REGISTRATION FOR CHAMBERS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			10.96			10.80			11.99		
MED VEH AGE	.00			10.04			10.28			11.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1.	.00680	91	2.	.01198	92	0.	.00000	
88	0.	.00000	89	6.	.04082	90	5.	.02994	91	4.	.03361	
87	0.	.00000	88	3.	.02041	89	10.	.05988	90	5.	.04202	
86	0.	.00000	87	7.	.04762	88	4.	.02395	89	3.	.02521	
85	0.	.00000	86	8.	.05442	87	12.	.07186	88	1.	.00840	
84	0.	.00000	85	1.	.00680	86	10.	.05988	87	3.	.02521	
83	0.	.00000	84	11.	.07483	85	8.	.04790	86	5.	.04202	
82	0.	.00000	83	6.	.04082	84	6.	.03593	85	13.	.10924	
81	0.	.00000	82	12.	.08163	83	7.	.04192	84	6.	.05042	
80	0.	.00000	81	18.	.12245	82	15.	.08982	83	4.	.03361	
79	0.	.00000	80	12.	.08163	81	16.	.09581	82	8.	.06723	
78	0.	.00000	79	11.	.07483	80	10.	.05988	81	13.	.10924	
77	0.	.00000	78	11.	.07483	79	10.	.05988	80	11.	.09244	
76	0.	.00000	77	6.	.04082	78	18.	.10778	79	8.	.06723	
75	0.	.00000	76	6.	.04082	77	3.	.01796	78	11.	.09244	
74	0.	.00000	75	10.	.06803	76	6.	.03593	77	2.	.01681	
73	0.	.00000	74	8.	.05442	75	3.	.01796	76	4.	.03361	
72	0.	.00000	73	2.	.01361	74	13.	.07784	75	2.	.01681	
71	0.	.00000	72	0.	.00000	73	2.	.01198	74	9.	.07563	
70	0.	.00000	71	1.	.00981	72	1.	.00640	73	1.	.00840	
69	0.	.00000	70	1.	.00982	71	1.	.00641	72	1.	.00840	
68	0.	.00000	69	1.	.00982	70	1.	.00641	71	1.	.00840	
67	0.	.00000	68	0.	.00000	69	1.	.00641	70	1.	.00840	
66	0.	.00000	67	1.	.00444	68	0.	.00000	69	1.	.00840	
65	0.	.00000	66	3.	.02052	67	3.	.01628	68	2.	.01681	
	0.			147.			167.			119.		

TABLE A-5.1
AUTOMOBILE VEHICLE REGISTRATION FOR COLLIN COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			6.83			6.91			7.05		
MED VEH AGE	.00			5.14			5.26			5.47		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	12466.	.07922	91	14605.	.08158	92	11365.	.06282	
88	0.	.00000	89	16363.	.10399	90	17818.	.09953	91	18246.	.10086	
87	0.	.00000	88	16349.	.10390	89	18331.	.10239	90	18075.	.09991	
86	0.	.00000	87	15621.	.09927	88	17965.	.10035	89	18146.	.10030	
85	0.	.00000	86	15794.	.10037	87	16523.	.09230	88	17241.	.09530	
84	0.	.00000	85	14505.	.09218	86	16197.	.09047	87	15590.	.08617	
83	0.	.00000	84	13008.	.08267	85	14636.	.08175	86	15164.	.08382	
82	0.	.00000	83	8600.	.05465	84	13064.	.07297	85	13523.	.07475	
81	0.	.00000	82	7456.	.04738	83	8248.	.04607	84	11885.	.06569	
80	0.	.00000	81	6384.	.04057	82	6937.	.03875	83	7313.	.04042	
79	0.	.00000	80	5354.	.03402	81	5916.	.03305	82	6001.	.03317	
78	0.	.00000	79	5872.	.03732	80	4946.	.02763	81	4966.	.02745	
77	0.	.00000	78	4787.	.03042	79	5349.	.02988	80	4141.	.02289	
76	0.	.00000	77	3568.	.02267	78	4349.	.02429	79	4306.	.02380	
75	0.	.00000	76	2307.	.01466	77	3248.	.01814	78	3556.	.01966	
74	0.	.00000	75	1217.	.00773	76	2042.	.01141	77	2597.	.01435	
73	0.	.00000	74	1223.	.00777	75	1123.	.00627	76	1604.	.00887	
72	0.	.00000	73	1178.	.00749	74	1108.	.00619	75	870.	.00481	
71	0.	.00000	72	927.	.00589	73	1097.	.00613	74	886.	.00490	
70	0.	.00000	71	528.	.00336	72	899.	.00502	73	877.	.00485	
69	0.	.00000	70	522.	.00332	71	559.	.00312	72	744.	.00411	
68	0.	.00000	69	522.	.00332	70	552.	.00308	71	462.	.00255	
67	0.	.00000	68	632.	.00402	69	551.	.00308	70	456.	.00252	
66	0.	.00000	67	596.	.00379	68	667.	.00373	69	455.	.00252	
65	0.	.00000	66	1577.	.01002	67	2293.	.01281	68	2444.	.01351	
	0.			157357.			179023.			180913.		

TABLE A-5.2
MOTORCYCLE VEHICLE REGISTRATION FOR COLLIN COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.29			8.80			9.32		
MED VEH AGE	.00			7.46			7.99			8.40		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	45.	.01200	91	107.	.02704	92	142.	.03958	
88	0.	.00000	89	163.	.04347	90	145.	.03664	91	145.	.04041	
87	0.	.00000	88	240.	.06400	89	229.	.05787	90	152.	.04236	
86	0.	.00000	87	273.	.07280	88	244.	.06166	89	207.	.05769	
85	0.	.00000	86	419.	.11173	87	247.	.06242	88	219.	.06104	
84	0.	.00000	85	338.	.09013	86	393.	.09932	87	192.	.05351	
83	0.	.00000	84	271.	.07227	85	350.	.08845	86	336.	.09365	
82	0.	.00000	83	271.	.07227	84	265.	.06697	85	316.	.08807	
81	0.	.00000	82	403.	.10747	83	273.	.06899	84	214.	.05964	
80	0.	.00000	81	299.	.07973	82	402.	.10159	83	226.	.06299	
79	0.	.00000	80	315.	.08400	81	289.	.07304	82	347.	.09671	
78	0.	.00000	79	713.	.19013	80	1013.	.25600	81	1092.	.30435	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
				3750.			3957.			3588.		

TABLE A-5.3
LDGT1 VEHICLE REGISTRATION FOR COLLIN COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		8.15		8.29		8.40				
MED VEH AGE	.00		5.91		6.16		6.46				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	2428.	.06579	91	3550.	.08211	92	2854.	.06539
88	0.	.00000	89	3475.	.09416	90	3474.	.08035	91	4034.	.09242
87	0.	.00000	88	3287.	.08906	89	3748.	.08669	90	3442.	.07886
86	0.	.00000	87	2781.	.07535	88	3518.	.08137	89	3677.	.08424
85	0.	.00000	86	3606.	.09771	87	2914.	.06740	88	3368.	.07716
84	0.	.00000	85	3151.	.08538	86	3892.	.09002	87	2759.	.06321
83	0.	.00000	84	2925.	.07925	85	3303.	.07640	86	3658.	.08381
82	0.	.00000	83	1914.	.05186	84	3030.	.07008	85	3100.	.07102
81	0.	.00000	82	1739.	.04712	83	1960.	.04533	84	2820.	.06461
80	0.	.00000	81	1402.	.03799	82	1770.	.04094	83	1749.	.04007
79	0.	.00000	80	1014.	.02747	81	1425.	.03296	82	1601.	.03668
78	0.	.00000	79	1476.	.03999	80	1085.	.02510	81	1280.	.02933
77	0.	.00000	78	1320.	.03577	79	1580.	.03654	80	950.	.02177
76	0.	.00000	77	1102.	.02986	78	1402.	.03243	79	1406.	.03221
75	0.	.00000	76	815.	.02208	77	1151.	.02662	78	1254.	.02873
74	0.	.00000	75	460.	.01246	76	820.	.01897	77	1003.	.02298
73	0.	.00000	74	531.	.01439	75	432.	.00999	76	713.	.01634
72	0.	.00000	73	553.	.01498	74	515.	.01191	75	350.	.00802
71	0.	.00000	72	511.	.01385	73	524.	.01212	74	436.	.00999
70	0.	.00000	71	330.	.00895	72	530.	.01226	73	456.	.01045
69	0.	.00000	70	311.	.00843	71	357.	.00826	72	462.	.01058
68	0.	.00000	69	325.	.00881	70	336.	.00778	71	311.	.00713
67	0.	.00000	68	140.	.00380	69	351.	.00813	70	293.	.00671
66	0.	.00000	67	336.	.00911	68	151.	.00350	69	306.	.00701
65	0.	.00000	66	974.	.02640	67	1416.	.03275	68	1365.	.03127
	0.			36907.			43235.			43647.	

TABLE A-5.4
LDGT2 VEHICLE REGISTRATION FOR COLLIN COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		8.21		8.54		8.85				
MED VEH AGE	.00		6.62		7.12		7.58				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	242.	.06287	91	284.	.06574	92	310.	.07042
88	0.	.00000	89	325.	.08444	90	275.	.06366	91	301.	.06838
87	0.	.00000	88	261.	.06781	89	346.	.08009	90	275.	.06247
86	0.	.00000	87	170.	.04417	88	270.	.06250	89	330.	.07497
85	0.	.00000	86	366.	.09509	87	187.	.04329	88	259.	.05884
84	0.	.00000	85	322.	.08366	86	374.	.08657	87	179.	.04066
83	0.	.00000	84	382.	.09925	85	377.	.08727	86	345.	.07837
82	0.	.00000	83	228.	.05924	84	387.	.08958	85	351.	.07974
81	0.	.00000	82	208.	.05404	83	232.	.05370	84	353.	.08019
80	0.	.00000	81	119.	.03092	82	192.	.04444	83	213.	.04839
79	0.	.00000	80	143.	.03715	81	123.	.02847	82	185.	.04203
78	0.	.00000	79	253.	.06573	80	140.	.03241	81	114.	.02590
77	0.	.00000	78	179.	.04651	79	259.	.05995	80	136.	.03090
76	0.	.00000	77	163.	.04235	78	197.	.04560	79	244.	.05543
75	0.	.00000	76	157.	.04079	77	178.	.04120	78	182.	.04134
74	0.	.00000	75	86.	.02234	76	169.	.03912	77	160.	.03635
73	0.	.00000	74	63.	.01637	75	94.	.02176	76	148.	.03362
72	0.	.00000	73	50.	.01299	74	73.	.01690	75	80.	.01817
71	0.	.00000	72	32.	.00831	73	58.	.01343	74	63.	.01431
70	0.	.00000	71	22.	.00577	72	21.	.00477	73	62.	.01408
69	0.	.00000	70	14.	.00375	71	19.	.00434	72	22.	.00500
68	0.	.00000	69	13.	.00346	70	12.	.00282	71	20.	.00454
67	0.	.00000	68	5.	.00136	69	11.	.00260	70	13.	.00295
66	0.	.00000	67	2.	.00058	68	4.	.00103	69	12.	.00273
65	0.	.00000	66	43.	.01105	67	38.	.00874	68	45.	.01022
	0.			3849.			4320.			4402.	

TABLE A-5.5
HDGV VEHICLE REGISTRATION FOR COLLIN COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			12.66			12.67			12.86		
MED VEH AGE	.00			11.54			11.40			11.44		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	22.	.01511	91	75.	.04494	92	44.	.02803	
88	0.	.00000	89	53.	.03640	90	54.	.03235	91	74.	.04713	
87	0.	.00000	88	42.	.02885	89	57.	.03415	90	53.	.03376	
86	0.	.00000	87	41.	.02816	88	53.	.03176	89	63.	.04013	
85	0.	.00000	86	102.	.07005	87	49.	.02936	88	53.	.03376	
84	0.	.00000	85	97.	.06662	86	117.	.07010	87	52.	.03312	
83	0.	.00000	84	98.	.06731	85	102.	.06111	86	115.	.07325	
82	0.	.00000	83	55.	.03777	84	99.	.05932	85	99.	.06306	
81	0.	.00000	82	53.	.03640	83	56.	.03355	84	98.	.06242	
80	0.	.00000	81	66.	.04533	82	72.	.04314	83	60.	.03822	
79	0.	.00000	80	38.	.02610	81	80.	.04793	82	48.	.03057	
78	0.	.00000	79	112.	.07692	80	51.	.03056	81	59.	.03758	
77	0.	.00000	78	70.	.04808	79	108.	.06471	80	51.	.03248	
76	0.	.00000	77	78.	.05357	78	80.	.04793	79	86.	.05478	
75	0.	.00000	76	48.	.03297	77	74.	.04434	78	75.	.04777	
74	0.	.00000	75	65.	.04464	76	48.	.02876	77	61.	.03885	
73	0.	.00000	74	52.	.03571	75	58.	.03475	76	38.	.02420	
72	0.	.00000	73	62.	.04258	74	49.	.02936	75	51.	.03248	
71	0.	.00000	72	48.	.03297	73	66.	.03954	74	51.	.03248	
70	0.	.00000	71	24.	.01645	72	52.	.03111	73	61.	.03885	
69	0.	.00000	70	33.	.02245	71	25.	.01521	72	45.	.02866	
68	0.	.00000	69	37.	.02545	70	35.	.02075	71	22.	.01401	
67	0.	.00000	68	6.	.00419	69	39.	.02352	70	30.	.01911	
66	0.	.00000	67	38.	.02592	68	6.	.00387	69	34.	.02166	
65	0.	.00000	66	116.	.07999	67	163.	.09786	68	147.	.09363	
	0.			1456.			1669.			1570.		

TABLE A-5.6
HDDV VEHICLE REGISTRATION FOR COLLIN COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		8.27			8.41			9.57		
MED VEH AGE	.00		6.72			7.60			8.48		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	11.	.02785	91	28.	.05957	92	0.	.00000
88	0.	.00000	89	19.	.04810	90	22.	.04681	91	24.	.05543
87	0.	.00000	88	19.	.04810	89	21.	.04468	90	14.	.03233
86	0.	.00000	87	18.	.04557	88	18.	.03830	89	19.	.04388
85	0.	.00000	86	41.	.10380	87	23.	.04894	88	18.	.04157
84	0.	.00000	85	34.	.08608	86	38.	.08085	87	25.	.05774
83	0.	.00000	84	77.	.19494	85	39.	.08298	86	37.	.08545
82	0.	.00000	83	31.	.07848	84	77.	.16383	85	42.	.09700
81	0.	.00000	82	21.	.05316	83	34.	.07234	84	78.	.18014
80	0.	.00000	81	31.	.07848	82	23.	.04894	83	29.	.06697
79	0.	.00000	80	18.	.04557	81	52.	.11064	82	20.	.04619
78	0.	.00000	79	20.	.05063	80	18.	.03830	81	36.	.08314
77	0.	.00000	78	9.	.02278	79	23.	.04894	80	17.	.03926
76	0.	.00000	77	7.	.01772	78	17.	.03617	79	22.	.05081
75	0.	.00000	76	7.	.01772	77	10.	.02128	78	12.	.02771
74	0.	.00000	75	7.	.01772	76	5.	.01064	77	10.	.02309
73	0.	.00000	74	6.	.01519	75	8.	.01702	76	3.	.00693
72	0.	.00000	73	4.	.01013	74	5.	.01064	75	5.	.01155
71	0.	.00000	72	2.	.00506	73	3.	.00638	74	5.	.01155
70	0.	.00000	71	3.	.00834	72	1.	.00182	73	3.	.00693
69	0.	.00000	70	2.	.00417	71	2.	.00365	72	2.	.00462
68	0.	.00000	69	2.	.00417	70	1.	.00182	71	4.	.00924
67	0.	.00000	68	0.	.00015	69	1.	.00182	70	2.	.00462
66	0.	.00000	67	0.	.00000	68	0.	.00006	69	2.	.00462
65	0.	.00000	66	6.	.01608	67	2.	.00358	68	4.	.00924
	0.			395.			470.			433.	

San Antonio MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.83			8.69			8.92		
MED VEH AGE	.00			6.97			6.89			7.18		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1535.	.05725	91	2426.	.07893	92	1180.	.03935	
88	0.	.00000	89	2038.	.07601	90	2147.	.06985	91	2707.	.09028	
87	0.	.00000	88	1873.	.06985	89	2223.	.07232	90	2159.	.07201	
86	0.	.00000	87	1782.	.06646	88	2163.	.07037	89	2241.	.07474	
85	0.	.00000	86	2043.	.07619	87	2093.	.06809	88	2147.	.07160	
84	0.	.00000	85	2160.	.08056	86	2247.	.07310	87	2041.	.06807	
83	0.	.00000	84	2044.	.07623	85	2314.	.07528	86	2124.	.07084	
82	0.	.00000	83	1462.	.05453	84	2181.	.07095	85	2156.	.07191	
81	0.	.00000	82	1417.	.05285	83	1540.	.05010	84	2078.	.06930	
80	0.	.00000	81	1428.	.05326	82	1380.	.04490	83	1440.	.04803	
79	0.	.00000	80	1317.	.04912	81	1420.	.04620	82	1228.	.04096	
78	0.	.00000	79	1345.	.05016	80	1304.	.04242	81	1235.	.04119	
77	0.	.00000	78	1216.	.04535	79	1307.	.04252	80	1117.	.03725	
76	0.	.00000	77	1036.	.03864	78	1161.	.03777	79	1116.	.03722	
75	0.	.00000	76	755.	.02816	77	965.	.03139	78	959.	.03198	
74	0.	.00000	75	383.	.01428	76	622.	.02024	77	799.	.02665	
73	0.	.00000	74	496.	.01850	75	361.	.01174	76	506.	.01688	
72	0.	.00000	73	435.	.01622	74	442.	.01438	75	286.	.00954	
71	0.	.00000	72	346.	.01290	73	415.	.01350	74	352.	.01174	
70	0.	.00000	71	202.	.00753	72	338.	.01098	73	327.	.01091	
69	0.	.00000	70	190.	.00707	71	201.	.00653	72	298.	.00994	
68	0.	.00000	69	293.	.01092	70	188.	.00613	71	177.	.00590	
67	0.	.00000	68	201.	.00750	69	291.	.00946	70	166.	.00554	
66	0.	.00000	67	189.	.00707	68	199.	.00649	69	256.	.00854	
65	0.	.00000	66	627.	.02339	67	810.	.02636	68	889.	.02965	
	0.			26813.			30738.			29984.		

TABLE A-6.2
MOTORCYCLE VEHICLE REGISTRATION FOR COMAL COUNTY

YEAR	1989			1990			1991			1992	
AVG VEH AGE	.00			9.83			10.36			11.16	
MED VEH AGE	.00			8.93			9.68			10.36	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	2.	.00246	91	11.	.01239	92	13.	.01769
88	0.	.00000	89	21.	.02583	90	16.	.01802	91	15.	.02041
87	0.	.00000	88	17.	.02091	89	34.	.03829	90	12.	.01633
86	0.	.00000	87	30.	.03690	88	22.	.02477	89	30.	.04082
85	0.	.00000	86	69.	.08487	87	32.	.03604	88	17.	.02313
84	0.	.00000	85	80.	.09840	86	74.	.08333	87	25.	.03401
83	0.	.00000	84	34.	.04182	85	79.	.08896	86	61.	.08299
82	0.	.00000	83	62.	.07626	84	48.	.05405	85	68.	.09252
81	0.	.00000	82	98.	.12054	83	59.	.06644	84	39.	.05306
80	0.	.00000	81	71.	.08733	82	102.	.11486	83	59.	.08027
79	0.	.00000	80	86.	.10578	81	81.	.09122	82	80.	.10884
78	0.	.00000	79	243.	.29889	80	330.	.37162	81	316.	.42993
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	0.			813.			888.			735.	

TABLE A-6.3
LDGT1 VEHICLE REGISTRATION FOR COMAL COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			9.61			9.73			9.87		
MED VEH AGE	.00			7.44			7.57			7.95		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	888.	.07590	91	937.	.07155	92	806.	.06085	
88	0.	.00000	89	784.	.06701	90	765.	.05842	91	906.	.06840	
87	0.	.00000	88	724.	.06188	89	870.	.06644	90	734.	.05541	
86	0.	.00000	87	689.	.05889	88	806.	.06155	89	872.	.06583	
85	0.	.00000	86	899.	.07684	87	761.	.05811	88	793.	.05987	
84	0.	.00000	85	800.	.06838	86	1025.	.07827	87	728.	.05496	
83	0.	.00000	84	823.	.07034	85	866.	.06613	86	982.	.07414	
82	0.	.00000	83	555.	.04744	84	901.	.06880	85	843.	.06364	
81	0.	.00000	82	646.	.05521	83	598.	.04567	84	850.	.06417	
80	0.	.00000	81	581.	.04966	82	656.	.05010	83	560.	.04228	
79	0.	.00000	80	389.	.03325	81	579.	.04422	82	614.	.04635	
78	0.	.00000	79	504.	.04308	80	433.	.03307	81	525.	.03963	
77	0.	.00000	78	492.	.04205	79	519.	.03963	80	371.	.02801	
76	0.	.00000	77	416.	.03556	78	535.	.04086	79	763.	.05760	
75	0.	.00000	76	377.	.03222	77	421.	.03215	78	476.	.03594	
74	0.	.00000	75	194.	.01658	76	369.	.02818	77	385.	.02907	
73	0.	.00000	74	225.	.01923	75	194.	.01481	76	305.	.02303	
72	0.	.00000	73	245.	.02094	74	240.	.01833	75	159.	.01200	
71	0.	.00000	72	234.	.02000	73	224.	.01711	74	197.	.01487	
70	0.	.00000	71	189.	.01618	72	213.	.01628	73	192.	.01449	
69	0.	.00000	70	127.	.01083	71	181.	.01385	72	181.	.01366	
68	0.	.00000	69	148.	.01262	70	121.	.00927	71	154.	.01163	
67	0.	.00000	68	76.	.00649	69	141.	.01080	70	103.	.00778	
66	0.	.00000	67	168.	.01437	68	73.	.00555	69	120.	.00906	
65	0.	.00000	66	527.	.04508	67	666.	.05086	68	627.	.04734	
	0.			11700.			13095.			13246.		

TABLE A-6.4
LDGT2 VEHICLE REGISTRATION FOR COMAL COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		8.49			8.95			9.12		
MED VEH AGE	.00		6.90			7.39			7.70		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	109.	.06983	91	131.	.07294	92	97.	.05398
88	0.	.00000	89	121.	.07751	90	105.	.05846	91	134.	.07457
87	0.	.00000	88	117.	.07495	89	131.	.07294	90	98.	.05454
86	0.	.00000	87	54.	.03459	88	133.	.07405	89	144.	.08013
85	0.	.00000	86	139.	.08905	87	59.	.03285	88	128.	.07123
84	0.	.00000	85	120.	.07687	86	154.	.08575	87	63.	.03506
83	0.	.00000	84	134.	.08584	85	133.	.07405	86	156.	.08681
82	0.	.00000	83	110.	.07047	84	133.	.07405	85	112.	.06233
81	0.	.00000	82	78.	.04997	83	97.	.05401	84	129.	.07179
80	0.	.00000	81	58.	.03716	82	83.	.04621	83	105.	.05843
79	0.	.00000	80	41.	.02627	81	59.	.03285	82	79.	.04396
78	0.	.00000	79	91.	.05830	80	51.	.02840	81	56.	.03116
77	0.	.00000	78	88.	.05637	79	99.	.05512	80	43.	.02393
76	0.	.00000	77	76.	.04869	78	98.	.05457	79	79.	.04396
75	0.	.00000	76	61.	.03908	77	79.	.04399	78	88.	.04897
74	0.	.00000	75	45.	.02883	76	74.	.04120	77	73.	.04062
73	0.	.00000	74	26.	.01666	75	42.	.02339	76	66.	.03673
72	0.	.00000	73	26.	.01666	74	29.	.01615	75	33.	.01836
71	0.	.00000	72	13.	.00833	73	31.	.01726	74	26.	.01447
70	0.	.00000	71	12.	.00746	72	14.	.00795	73	25.	.01391
69	0.	.00000	70	12.	.00746	71	13.	.00729	72	12.	.00668
68	0.	.00000	69	3.	.00204	70	13.	.00729	71	11.	.00612
67	0.	.00000	68	2.	.00156	69	4.	.00199	70	11.	.00612
66	0.	.00000	67	7.	.00434	68	3.	.00153	69	3.	.00167
65	0.	.00000	66	18.	.01174	67	28.	.01571	68	26.	.01447
	0.			1561.			1796.			1797.	

TABLE A-6.5
HDGT VEHICLE REGISTRATION FOR COMAL COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		12.43			12.77			12.77		
MED VEH AGE	.00		11.35			11.54			11.44		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	8.	.01286	91	20.	.02959	92	14.	.02171
88	0.	.00000	89	17.	.02733	90	20.	.02959	91	20.	.03101
87	0.	.00000	88	21.	.03376	89	20.	.02959	90	24.	.03721
86	0.	.00000	87	27.	.04341	88	24.	.03550	89	29.	.04496
85	0.	.00000	86	36.	.05788	87	21.	.03107	88	28.	.04341
84	0.	.00000	85	35.	.05627	86	34.	.05030	87	18.	.02791
83	0.	.00000	84	27.	.04341	85	42.	.06213	86	38.	.05891
82	0.	.00000	83	33.	.05305	84	34.	.05030	85	41.	.06357
81	0.	.00000	82	33.	.05305	83	40.	.05917	84	27.	.04186
80	0.	.00000	81	31.	.04984	82	36.	.05325	83	37.	.05736
79	0.	.00000	80	25.	.04019	81	32.	.04734	82	32.	.04961
78	0.	.00000	79	51.	.08199	80	28.	.04142	81	33.	.05116
77	0.	.00000	78	41.	.06592	79	48.	.07101	80	30.	.04651
76	0.	.00000	77	27.	.04341	78	37.	.05473	79	35.	.05426
75	0.	.00000	76	13.	.02090	77	28.	.04142	78	32.	.04961
74	0.	.00000	75	28.	.04502	76	16.	.02367	77	26.	.04031
73	0.	.00000	74	27.	.04341	75	24.	.03550	76	14.	.02171
72	0.	.00000	73	21.	.03376	74	27.	.03994	75	21.	.03256
71	0.	.00000	72	29.	.04662	73	19.	.02811	74	25.	.03876
70	0.	.00000	71	14.	.02287	72	23.	.03435	73	18.	.02791
69	0.	.00000	70	10.	.01584	71	16.	.02352	72	19.	.02946
68	0.	.00000	69	11.	.01761	70	11.	.01629	71	13.	.02016
67	0.	.00000	68	3.	.00473	69	12.	.01810	70	9.	.01395
66	0.	.00000	67	13.	.02155	68	3.	.00486	69	10.	.01550
65	0.	.00000	66	41.	.06532	67	60.	.08928	68	52.	.08062
				622.			676.			645.	

TABLE A-6.6
HDDV VEHICLE REGISTRATION FOR COMAL COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		9.39			9.80			10.48		
MED VEH AGE	.00		8.88			9.35			10.04		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	8.	.02139	91	17.	.04250	92	3.	.00728
88	0.	.00000	89	18.	.04813	90	5.	.01250	91	16.	.03883
87	0.	.00000	88	7.	.01872	89	21.	.05250	90	3.	.00728
86	0.	.00000	87	17.	.04545	88	19.	.04750	89	27.	.06553
85	0.	.00000	86	27.	.07219	87	16.	.04000	88	21.	.05097
84	0.	.00000	85	44.	.11765	86	22.	.05500	87	19.	.04612
83	0.	.00000	84	28.	.07487	85	47.	.11750	86	26.	.06311
82	0.	.00000	83	16.	.04278	84	28.	.07000	85	44.	.10680
81	0.	.00000	82	25.	.06684	83	16.	.04000	84	31.	.07524
80	0.	.00000	81	35.	.09358	82	26.	.06500	83	15.	.03641
79	0.	.00000	80	24.	.06417	81	35.	.08750	82	26.	.06311
78	0.	.00000	79	37.	.09893	80	26.	.06500	81	35.	.08495
77	0.	.00000	78	27.	.07219	79	39.	.09750	80	30.	.07282
76	0.	.00000	77	21.	.05615	78	27.	.06750	79	41.	.09951
75	0.	.00000	76	8.	.02139	77	16.	.04000	78	26.	.06311
74	0.	.00000	75	5.	.01337	76	8.	.02000	77	16.	.03883
73	0.	.00000	74	8.	.02139	75	4.	.01000	76	5.	.01214
72	0.	.00000	73	6.	.01604	74	11.	.02750	75	5.	.01214
71	0.	.00000	72	4.	.01070	73	6.	.01500	74	9.	.02184
70	0.	.00000	71	2.	.00601	72	2.	.00550	73	4.	.00971
69	0.	.00000	70	0.	.00000	71	2.	.00550	72	2.	.00485
68	0.	.00000	69	3.	.00902	70	0.	.00000	71	2.	.00485
67	0.	.00000	68	0.	.00110	69	3.	.00825	70	0.	.00000
66	0.	.00000	67	0.	.00119	68	0.	.00100	69	3.	.00728
65	0.	.00000	66	3.	.00674	67	3.	.00725	68	3.	.00728
				374.			400.			412.	

TABLE A-7.1
AUTOMOBILE VEHICLE REGISTRATION FOR DALLAS COUNTY

Dallas MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			7.75			7.76			7.90		
MED VEH AGE	.00			6.13			6.24			6.46		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	78364.	.07062	91	98521.	.08534	92	74775.	.06717	
88	0.	.00000	89	99251.	.08944	90	97838.	.08475	91	98236.	.08825	
87	0.	.00000	88	93305.	.08408	89	91408.	.07918	90	88745.	.07972	
86	0.	.00000	87	89412.	.08057	88	91594.	.07934	89	86618.	.07781	
85	0.	.00000	86	91447.	.08241	87	87406.	.07571	88	86606.	.07780	
84	0.	.00000	85	91284.	.08226	86	88883.	.07699	87	82737.	.07433	
83	0.	.00000	84	87555.	.07890	85	88589.	.07674	86	84087.	.07554	
82	0.	.00000	83	60695.	.05470	84	84584.	.07327	85	83159.	.07470	
81	0.	.00000	82	58236.	.05248	83	58447.	.05063	84	78263.	.07031	
80	0.	.00000	81	55634.	.05013	82	54699.	.04738	83	53302.	.04788	
79	0.	.00000	80	49751.	.04483	81	50872.	.04407	82	47707.	.04286	
78	0.	.00000	79	58104.	.05236	80	44188.	.03828	81	42743.	.03840	
77	0.	.00000	78	49167.	.04431	79	50929.	.04412	80	35893.	.03224	
76	0.	.00000	77	38052.	.03429	78	42095.	.03646	79	41030.	.03686	
75	0.	.00000	76	24727.	.02228	77	31858.	.02760	78	33018.	.02966	
74	0.	.00000	75	13493.	.01216	76	20361.	.01764	77	24465.	.02198	
73	0.	.00000	74	12855.	.01158	75	10838.	.00939	76	15261.	.01371	
72	0.	.00000	73	11652.	.01050	74	10591.	.00917	75	7970.	.00716	
71	0.	.00000	72	8994.	.00811	73	9615.	.00833	74	7977.	.00717	
70	0.	.00000	71	5514.	.00497	72	7502.	.00650	73	7415.	.00666	
69	0.	.00000	70	5074.	.00457	71	4921.	.00426	72	6065.	.00545	
68	0.	.00000	69	4803.	.00433	70	4525.	.00392	71	3974.	.00357	
67	0.	.00000	68	4199.	.00378	69	4281.	.00371	70	3651.	.00328	
66	0.	.00000	67	4078.	.00367	68	3742.	.00324	69	3453.	.00310	
65	0.	.00000	66	14038.	.01265	67	16140.	.01398	68	16027.	.01440	
	0.			1109684.			1154426.			1113177.		

TABLE A-7.2
MOTORCYCLE VEHICLE REGISTRATION FOR DALLAS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.78			9.46			10.19		
MED VEH AGE	.00			8.09			8.93			9.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	491.	.02255	91	443.	.02170	92	511.	.03045	
88	0.	.00000	89	904.	.04152	90	661.	.03237	91	513.	.03056	
87	0.	.00000	88	1005.	.04616	89	983.	.04815	90	594.	.03539	
86	0.	.00000	87	1159.	.05324	88	926.	.04535	89	781.	.04653	
85	0.	.00000	86	1979.	.09090	87	1064.	.05211	88	696.	.04147	
84	0.	.00000	85	2041.	.09375	86	1687.	.08263	87	826.	.04921	
83	0.	.00000	84	1399.	.06426	85	1752.	.08581	86	1305.	.07775	
82	0.	.00000	83	1674.	.07689	84	1313.	.06431	85	1398.	.08329	
81	0.	.00000	82	2536.	.11649	83	1483.	.07264	84	1063.	.06333	
80	0.	.00000	81	1865.	.08566	82	2293.	.11231	83	1212.	.07221	
79	0.	.00000	80	1734.	.07965	81	1725.	.08449	82	1838.	.10951	
78	0.	.00000	79	4984.	.22893	80	6087.	.29813	81	6047.	.36028	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	0.			21771.			20417.			16784.		

TABLE A-7.3
LDGT1 VEHICLE REGISTRATION FOR DALLAS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.66			8.86			9.02		
MED VEH AGE	.00			6.43			6.79			7.13		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	17638.	.06155	91	21118.	.07151	92	16009.	.05611	
88	0.	.00000	89	24509.	.08553	90	21053.	.07129	91	21550.	.07553	
87	0.	.00000	88	22511.	.07855	89	22960.	.07774	90	19880.	.06967	
86	0.	.00000	87	19700.	.06874	88	21575.	.07305	89	21819.	.07647	
85	0.	.00000	86	25703.	.08969	87	18789.	.06362	88	20518.	.07191	
84	0.	.00000	85	23760.	.08291	86	24320.	.08235	87	17632.	.06180	
83	0.	.00000	84	22153.	.07730	85	22676.	.07678	86	22598.	.07920	
82	0.	.00000	83	14419.	.05032	84	21275.	.07204	85	21166.	.07418	
81	0.	.00000	82	14021.	.04893	83	13717.	.04645	84	19573.	.06860	
80	0.	.00000	81	12214.	.04262	82	13305.	.04505	83	12541.	.04395	
79	0.	.00000	80	8932.	.03117	81	11477.	.03886	82	11905.	.04172	
78	0.	.00000	79	12817.	.04473	80	8346.	.02826	81	10004.	.03506	
77	0.	.00000	78	11945.	.04168	79	11793.	.03993	80	7134.	.02500	
76	0.	.00000	77	9968.	.03478	78	11240.	.03806	79	10204.	.03576	
75	0.	.00000	76	7129.	.02488	77	9170.	.03105	78	9733.	.03411	
74	0.	.00000	75	3954.	.01380	76	6535.	.02213	77	7679.	.02691	
73	0.	.00000	74	4976.	.01736	75	3504.	.01186	76	5383.	.01887	
72	0.	.00000	73	5001.	.01745	74	4480.	.01517	75	2858.	.01002	
71	0.	.00000	72	4528.	.01580	73	4434.	.01501	74	3650.	.01279	
70	0.	.00000	71	3043.	.01062	72	4324.	.01464	73	3650.	.01279	
69	0.	.00000	70	2788.	.00973	71	2829.	.00958	72	3643.	.01277	
68	0.	.00000	69	3051.	.01065	70	2592.	.00878	71	2383.	.00835	
67	0.	.00000	68	662.	.00231	69	2836.	.00960	70	2183.	.00765	
66	0.	.00000	67	2040.	.00712	68	615.	.00208	69	2388.	.00837	
65	0.	.00000	66	9108.	.03178	67	10362.	.03509	68	9243.	.03239	
	0.			286570.			295326.			285326.		

TABLE A-7.4
LDGT2 VEHICLE REGISTRATION FOR DALLAS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.69			8.94			9.17		
MED VEH AGE	.00			7.00			7.47			7.84		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1506.	.05493	91	1823.	.06679	92	1724.	.06664	
88	0.	.00000	89	1923.	.07014	90	1780.	.06522	91	1700.	.06571	
87	0.	.00000	88	1987.	.07247	89	1792.	.06566	90	1574.	.06084	
86	0.	.00000	87	1330.	.04851	88	1832.	.06712	89	1678.	.06486	
85	0.	.00000	86	2348.	.08564	87	1206.	.04419	88	1650.	.06378	
84	0.	.00000	85	2339.	.08531	86	2072.	.07592	87	1084.	.04190	
83	0.	.00000	84	2278.	.08308	85	2141.	.07845	86	1858.	.07182	
82	0.	.00000	83	1521.	.05547	84	2150.	.07877	85	1981.	.07657	
81	0.	.00000	82	1377.	.05022	83	1452.	.05320	84	1952.	.07545	
80	0.	.00000	81	963.	.03512	82	1290.	.04726	83	1276.	.04932	
79	0.	.00000	80	991.	.03614	81	914.	.03349	82	1132.	.04376	
78	0.	.00000	79	1942.	.07083	80	906.	.03320	81	794.	.03069	
77	0.	.00000	78	1479.	.05394	79	1754.	.06427	80	774.	.02992	
76	0.	.00000	77	1361.	.04964	78	1341.	.04913	79	1457.	.05632	
75	0.	.00000	76	1080.	.03939	77	1209.	.04430	78	1163.	.04495	
74	0.	.00000	75	738.	.02692	76	1012.	.03708	77	1010.	.03904	
73	0.	.00000	74	602.	.02196	75	646.	.02367	76	855.	.03305	
72	0.	.00000	73	468.	.01707	74	516.	.01891	75	547.	.02114	
71	0.	.00000	72	251.	.00915	73	425.	.01557	74	443.	.01712	
70	0.	.00000	71	228.	.00832	72	233.	.00854	73	347.	.01341	
69	0.	.00000	70	152.	.00555	71	195.	.00715	72	197.	.00761	
68	0.	.00000	69	154.	.00560	70	130.	.00477	71	165.	.00638	
67	0.	.00000	68	15.	.00055	69	131.	.00481	70	110.	.00425	
66	0.	.00000	67	58.	.00212	68	13.	.00048	69	111.	.00429	
65	0.	.00000	66	327.	.01191	67	329.	.01206	68	289.	.01117	
	0.			27418.			27293.			25871.		

TABLE A-7.5
HDGT VEHICLE REGISTRATION FOR DALLAS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.79			8.91			8.80		
MED VEH AGE	.00			6.51			6.82			7.02		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1156.	.05406	91	1393.	.06563	92	1752.	.08553	
88	0.	.00000	89	1246.	.05827	90	1393.	.06563	91	1537.	.07503	
87	0.	.00000	88	1627.	.07609	89	1231.	.05800	90	1416.	.06913	
86	0.	.00000	87	1684.	.07876	88	1578.	.07435	89	1184.	.05780	
85	0.	.00000	86	2241.	.10481	87	1615.	.07609	88	1437.	.07015	
84	0.	.00000	85	2001.	.09358	86	1996.	.09404	87	1407.	.06869	
83	0.	.00000	84	1441.	.06739	85	1712.	.08066	86	1475.	.07201	
82	0.	.00000	83	775.	.03625	84	1385.	.06526	85	1533.	.07484	
81	0.	.00000	82	1007.	.04710	83	758.	.03571	84	1220.	.05956	
80	0.	.00000	81	886.	.04144	82	934.	.04401	83	675.	.03295	
79	0.	.00000	80	729.	.03409	81	851.	.04010	82	800.	.03905	
78	0.	.00000	79	1363.	.06375	80	676.	.03185	81	728.	.03554	
77	0.	.00000	78	918.	.04293	79	1177.	.05546	80	573.	.02797	
76	0.	.00000	77	758.	.03545	78	807.	.03802	79	995.	.04857	
75	0.	.00000	76	458.	.02142	77	675.	.03180	78	706.	.03447	
74	0.	.00000	75	466.	.02179	76	417.	.01965	77	572.	.02792	
73	0.	.00000	74	516.	.02413	75	404.	.01904	76	346.	.01689	
72	0.	.00000	73	473.	.02212	74	428.	.02017	75	327.	.01596	
71	0.	.00000	72	396.	.01852	73	391.	.01842	74	360.	.01757	
70	0.	.00000	71	265.	.01241	72	335.	.01578	73	336.	.01640	
69	0.	.00000	70	198.	.00924	71	228.	.01077	72	264.	.01289	
68	0.	.00000	69	201.	.00939	70	170.	.00802	71	180.	.00879	
67	0.	.00000	68	36.	.00168	69	173.	.00814	70	134.	.00654	
66	0.	.00000	67	112.	.00524	68	31.	.00146	69	136.	.00664	
65	0.	.00000	66	429.	.02008	67	466.	.02194	68	391.	.01909	
	0.			21382.			21224.			20484.		

TABLE A-7.6
HDDV VEHICLE REGISTRATION FOR DALLAS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			7.36			7.34			7.93		
MED VEH AGE	.00			6.08			6.26			6.90		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	585.	.07729	91	682.	.08480	92	139.	.01883	
88	0.	.00000	89	515.	.06804	90	717.	.08916	91	647.	.08763	
87	0.	.00000	88	468.	.06183	89	619.	.07697	90	733.	.09928	
86	0.	.00000	87	592.	.07821	88	479.	.05956	89	588.	.07964	
85	0.	.00000	86	718.	.09486	87	619.	.07697	88	474.	.06420	
84	0.	.00000	85	838.	.11071	86	693.	.08617	87	576.	.07802	
83	0.	.00000	84	908.	.11996	85	817.	.10159	86	594.	.08046	
82	0.	.00000	83	362.	.04783	84	776.	.09649	85	739.	.10009	
81	0.	.00000	82	372.	.04915	83	324.	.04029	84	667.	.09034	
80	0.	.00000	81	483.	.06381	82	351.	.04365	83	295.	.03996	
79	0.	.00000	80	343.	.04532	81	456.	.05670	82	309.	.04185	
78	0.	.00000	79	448.	.05919	80	315.	.03917	81	370.	.05012	
77	0.	.00000	78	254.	.03356	79	405.	.05036	80	274.	.03711	
76	0.	.00000	77	167.	.02206	78	211.	.02624	79	322.	.04361	
75	0.	.00000	76	79.	.01044	77	135.	.01679	78	173.	.02343	
74	0.	.00000	75	93.	.01229	76	84.	.01045	77	113.	.01531	
73	0.	.00000	74	91.	.01202	75	74.	.00920	76	80.	.01084	
72	0.	.00000	73	80.	.01057	74	79.	.00982	75	63.	.00853	
71	0.	.00000	72	45.	.00595	73	66.	.00821	74	58.	.00786	
70	0.	.00000	71	32.	.00417	72	43.	.00538	73	46.	.00623	
69	0.	.00000	70	32.	.00418	71	24.	.00297	72	38.	.00515	
68	0.	.00000	69	18.	.00239	70	24.	.00297	71	21.	.00284	
67	0.	.00000	68	1.	.00009	69	14.	.00170	70	21.	.00284	
66	0.	.00000	67	8.	.00106	68	1.	.00006	69	12.	.00163	
65	0.	.00000	66	38.	.00503	67	35.	.00433	68	31.	.00420	
	0.			7569.			8042.			7383.		

TABLE A-8.1
AUTOMOBILE VEHICLE REGISTRATION FOR DENTON COUNTY

Dallas MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			7.59			7.47			7.62		
MED VEH AGE	.00			5.88			5.82			6.06		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	5793.	.04064	91	10514.	.06624	92	7841.	.04914	
88	0.	.00000	89	13101.	.09191	90	13801.	.08695	91	14010.	.08780	
87	0.	.00000	88	13940.	.09780	89	15114.	.09522	90	14311.	.08969	
86	0.	.00000	87	13166.	.09237	88	14861.	.09363	89	15100.	.09464	
85	0.	.00000	86	13912.	.09760	87	13598.	.08567	88	14547.	.09117	
84	0.	.00000	85	12971.	.09100	86	13972.	.08803	87	13171.	.08255	
83	0.	.00000	84	12225.	.08577	85	12816.	.08074	86	13269.	.08316	
82	0.	.00000	83	8023.	.05629	84	12008.	.07565	85	12129.	.07602	
81	0.	.00000	82	7576.	.05315	83	7688.	.04844	84	11189.	.07012	
80	0.	.00000	81	6859.	.04812	82	7034.	.04432	83	7164.	.04490	
79	0.	.00000	80	6113.	.04289	81	6290.	.03963	82	6194.	.03882	
78	0.	.00000	79	6556.	.04599	80	5394.	.03398	81	5387.	.03376	
77	0.	.00000	78	5420.	.03802	79	5900.	.03717	80	4410.	.02764	
76	0.	.00000	77	4046.	.02839	78	4748.	.02991	79	4843.	.03035	
75	0.	.00000	76	2670.	.01873	77	3538.	.02229	78	3855.	.02416	
74	0.	.00000	75	1454.	.01020	76	2286.	.01440	77	2808.	.01760	
73	0.	.00000	74	1453.	.01019	75	1231.	.00776	76	1812.	.01136	
72	0.	.00000	73	1326.	.00930	74	1222.	.00770	75	954.	.00598	
71	0.	.00000	72	1101.	.00772	73	1138.	.00717	74	962.	.00603	
70	0.	.00000	71	666.	.00467	72	905.	.00570	73	927.	.00581	
69	0.	.00000	70	625.	.00439	71	644.	.00406	72	761.	.00477	
68	0.	.00000	69	595.	.00417	70	604.	.00381	71	541.	.00339	
67	0.	.00000	68	652.	.00458	69	575.	.00362	70	507.	.00318	
66	0.	.00000	67	567.	.00398	68	630.	.00397	69	482.	.00302	
65	0.	.00000	66	1729.	.01213	67	2216.	.01396	68	2386.	.01495	
	0.			142540.			158727.			159560.		

TABLE A-8.2
MOTORCYCLE VEHICLE REGISTRATION FOR DENTON COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		8.71		9.40		10.27				
MED VEH AGE	.00		8.01		8.75		9.65				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	33.	.00780	91	73.	.01694	92	69.	.01879
88	0.	.00000	89	172.	.04065	90	130.	.03016	91	101.	.02751
87	0.	.00000	88	173.	.04089	89	215.	.04988	90	125.	.03404
86	0.	.00000	87	272.	.06429	88	175.	.04060	89	185.	.05038
85	0.	.00000	86	419.	.09903	87	262.	.06079	88	152.	.04139
84	0.	.00000	85	437.	.10329	86	393.	.09118	87	202.	.05501
83	0.	.00000	84	273.	.06452	85	407.	.09443	86	293.	.07979
82	0.	.00000	83	329.	.07776	84	255.	.05916	85	332.	.09041
81	0.	.00000	82	520.	.12290	83	327.	.07587	84	216.	.05882
80	0.	.00000	81	373.	.08816	82	499.	.11578	83	248.	.06754
79	0.	.00000	80	318.	.07516	81	346.	.08028	82	441.	.12010
78	0.	.00000	79	912.	.21555	80	1228.	.28492	81	1308.	.35621
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	0.			4231.			4310.			3672.	

TABLE A-8.3
LDGT1 VEHICLE REGISTRATION FOR DENTO COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		8.47			8.48			8.62		
MED VEH AGE	.00		6.23			6.38			6.70		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	1746.	.03933	91	3386.	.06978	92	2688.	.05516
88	0.	.00000	89	4009.	.09031	90	3671.	.07565	91	4009.	.08227
87	0.	.00000	88	3917.	.08824	89	4133.	.08517	90	3704.	.07601
86	0.	.00000	87	3424.	.07713	88	3853.	.07940	89	4034.	.08278
85	0.	.00000	86	4487.	.10108	87	3344.	.06891	88	3686.	.07564
84	0.	.00000	85	3786.	.08529	86	4473.	.09218	87	3239.	.06647
83	0.	.00000	84	3619.	.08152	85	3706.	.07637	86	4318.	.08861
82	0.	.00000	83	2380.	.05361	84	3481.	.07174	85	3450.	.07080
81	0.	.00000	82	2307.	.05197	83	2277.	.04692	84	3212.	.06591
80	0.	.00000	81	1827.	.04116	82	2184.	.04501	83	2118.	.04346
79	0.	.00000	80	1388.	.03127	81	1725.	.03555	82	2028.	.04162
78	0.	.00000	79	1858.	.04185	80	1340.	.02761	81	1552.	.03185
77	0.	.00000	78	1754.	.03951	79	1806.	.03722	80	1210.	.02483
76	0.	.00000	77	1383.	.03115	78	1696.	.03495	79	1530.	.03140
75	0.	.00000	76	952.	.02145	77	1318.	.02716	78	1500.	.03078
74	0.	.00000	75	527.	.01187	76	868.	.01789	77	1147.	.02354
73	0.	.00000	74	634.	.01428	75	483.	.00995	76	765.	.01570
72	0.	.00000	73	643.	.01448	74	595.	.01226	75	418.	.00858
71	0.	.00000	72	638.	.01437	73	569.	.01173	74	536.	.01100
70	0.	.00000	71	404.	.00910	72	636.	.01311	73	485.	.00995
69	0.	.00000	70	404.	.00911	71	387.	.00798	72	546.	.01120
68	0.	.00000	69	447.	.01007	70	387.	.00798	71	332.	.00681
67	0.	.00000	68	171.	.00384	69	428.	.00882	70	332.	.00681
66	0.	.00000	67	364.	.00819	68	163.	.00337	69	367.	.00753
65	0.	.00000	66	1323.	.02981	67	1615.	.03328	68	1525.	.03129
	0.			44392.			48525.			48731.	

TABLE A-8.4
LDGT2 VEHICLE REGISTRATION FOR DENTON COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		8.29			8.53			8.53		
MED VEH AGE	.00		6.60			6.99			7.12		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	217.	.04783	91	305.	.06323	92	353.	.07260
88	0.	.00000	89	410.	.09037	90	324.	.06716	91	382.	.07857
87	0.	.00000	88	361.	.07957	89	402.	.08333	90	329.	.06767
86	0.	.00000	87	257.	.05665	88	349.	.07235	89	379.	.07795
85	0.	.00000	86	396.	.08728	87	252.	.05224	88	326.	.06705
84	0.	.00000	85	394.	.08684	86	396.	.08209	87	232.	.04772
83	0.	.00000	84	391.	.08618	85	387.	.08022	86	386.	.07939
82	0.	.00000	83	309.	.06811	84	383.	.07939	85	366.	.07528
81	0.	.00000	82	212.	.04673	83	268.	.05556	84	362.	.07445
80	0.	.00000	81	144.	.03174	82	231.	.04789	83	247.	.05080
79	0.	.00000	80	122.	.02689	81	132.	.02736	82	213.	.04381
78	0.	.00000	79	292.	.06436	80	116.	.02405	81	111.	.02283
77	0.	.00000	78	226.	.04981	79	292.	.06053	80	91.	.01872
76	0.	.00000	77	186.	.04100	78	226.	.04685	79	238.	.04895
75	0.	.00000	76	156.	.03438	77	181.	.03752	78	197.	.04052
74	0.	.00000	75	120.	.02645	76	157.	.03255	77	147.	.03023
73	0.	.00000	74	86.	.01896	75	115.	.02384	76	138.	.02838
72	0.	.00000	73	79.	.01741	74	73.	.01513	75	100.	.02057
71	0.	.00000	72	36.	.00793	73	71.	.01472	74	59.	.01213
70	0.	.00000	71	31.	.00687	72	37.	.00766	73	64.	.01316
69	0.	.00000	70	27.	.00602	71	28.	.00575	72	32.	.00658
68	0.	.00000	69	17.	.00373	70	24.	.00503	71	24.	.00494
67	0.	.00000	68	6.	.00142	69	15.	.00311	70	21.	.00432
66	0.	.00000	67	11.	.00251	68	6.	.00118	69	13.	.00267
65	0.	.00000	66	50.	.01098	67	54.	.01127	68	52.	.01070
	0.			4537.			4824.			4862.	

TABLE A-8.5
HDGT VEHICLE REGISTRATION FOR DENTON COUNTY

YEAR	1989			1990			1991			1992	
AVG VEH AGE	.00			12.39			12.45			12.45	
MED VEH AGE	.00			11.33			11.59			11.21	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	53.	.03049	91	61.	.03322	92	42.	.02319
88	0.	.00000	89	67.	.03855	90	72.	.03922	91	91.	.05025
87	0.	.00000	88	72.	.04143	89	77.	.04194	90	68.	.03755
86	0.	.00000	87	70.	.04028	88	86.	.04684	89	85.	.04694
85	0.	.00000	86	90.	.05178	87	77.	.04194	88	87.	.04804
84	0.	.00000	85	113.	.06502	86	92.	.05011	87	79.	.04362
83	0.	.00000	84	101.	.05811	85	117.	.06373	86	99.	.05467
82	0.	.00000	83	57.	.03280	84	104.	.05664	85	120.	.06626
81	0.	.00000	82	79.	.04545	83	57.	.03105	84	105.	.05798
80	0.	.00000	81	67.	.03855	82	67.	.03649	83	53.	.02927
79	0.	.00000	80	61.	.03510	81	62.	.03377	82	65.	.03589
78	0.	.00000	79	119.	.06847	80	78.	.04248	81	55.	.03037
77	0.	.00000	78	83.	.04776	79	122.	.06645	80	74.	.04086
76	0.	.00000	77	74.	.04258	78	97.	.05283	79	119.	.06571
75	0.	.00000	76	42.	.02417	77	80.	.04357	78	89.	.04914
74	0.	.00000	75	70.	.04028	76	38.	.02070	77	67.	.03700
73	0.	.00000	74	63.	.03625	75	66.	.03595	76	35.	.01933
72	0.	.00000	73	86.	.04948	74	61.	.03322	75	64.	.03534
71	0.	.00000	72	65.	.03740	73	81.	.04412	74	54.	.02982
70	0.	.00000	71	38.	.02199	72	61.	.03305	73	68.	.03755
69	0.	.00000	70	61.	.03520	71	35.	.01908	72	52.	.02871
68	0.	.00000	69	38.	.02201	70	56.	.03053	71	30.	.01657
67	0.	.00000	68	14.	.00800	69	35.	.01908	70	48.	.02650
66	0.	.00000	67	29.	.01686	68	13.	.00694	69	30.	.01657
65	0.	.00000	66	125.	.07201	67	141.	.07705	68	132.	.07289
	0.			1738.			1836.			1811.	

TABLE A-8.6
HDDV VEHICLE REGISTRATION FOR DENTON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			10.58			10.78			11.20		
MED VEH AGE	.00			10.23			10.40			10.67		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	8.	.01735	91	14.	.02687	92	7.	.01313	
88	0.	.00000	89	15.	.03254	90	22.	.04223	91	18.	.03377	
87	0.	.00000	88	11.	.02386	89	18.	.03455	90	23.	.04315	
86	0.	.00000	87	16.	.03471	88	12.	.02303	89	18.	.03377	
85	0.	.00000	86	16.	.03471	87	20.	.03839	88	14.	.02627	
84	0.	.00000	85	36.	.07809	86	21.	.04031	87	27.	.05066	
83	0.	.00000	84	38.	.08243	85	42.	.08061	86	25.	.04690	
82	0.	.00000	83	20.	.04338	84	46.	.08829	85	42.	.07880	
81	0.	.00000	82	26.	.05640	83	25.	.04798	84	51.	.09568	
80	0.	.00000	81	32.	.06941	82	27.	.05182	83	26.	.04878	
79	0.	.00000	80	54.	.11714	81	34.	.06526	82	23.	.04315	
78	0.	.00000	79	44.	.09544	80	50.	.09597	81	32.	.06004	
77	0.	.00000	78	31.	.06725	79	40.	.07678	80	47.	.08818	
76	0.	.00000	77	30.	.06508	78	36.	.06910	79	37.	.06942	
75	0.	.00000	76	16.	.03471	77	27.	.05182	78	42.	.07880	
74	0.	.00000	75	13.	.02820	76	12.	.02303	77	25.	.04690	
73	0.	.00000	74	13.	.02820	75	11.	.02111	76	10.	.01876	
72	0.	.00000	73	14.	.03037	74	15.	.02879	75	10.	.01876	
71	0.	.00000	72	8.	.01735	73	20.	.03839	74	12.	.02251	
70	0.	.00000	71	4.	.00867	72	11.	.02086	73	20.	.03752	
69	0.	.00000	70	7.	.01446	71	4.	.00696	72	9.	.01689	
68	0.	.00000	69	4.	.00868	70	6.	.01160	71	3.	.00563	
67	0.	.00000	68	1.	.00134	69	4.	.00696	70	5.	.00938	
66	0.	.00000	67	1.	.00275	68	1.	.00107	69	3.	.00563	
65	0.	.00000	66	3.	.00749	67	4.	.00821	68	4.	.00750	
	0.			461.			521.			533.		

TABLE A-9.1
AUTOMOBILE VEHICLE REGISTRATION FOR EL PASO COUNTY

El Paso MSA

YEAR	1989		1990		1991		1992	
AVG VEH AGE	.00		9.12		9.26		9.32	
MED VEH AGE	.00		7.71		7.69		7.79	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	11265.	.04192	91	14285.	.04998
88	0.	.00000	89	20566.	.07653	90	16134.	.05645
87	0.	.00000	88	19905.	.07407	89	20270.	.07093
86	0.	.00000	87	18456.	.06868	88	20574.	.07199
85	0.	.00000	86	17409.	.06478	87	19339.	.06767
84	0.	.00000	85	18261.	.06795	86	18781.	.06572
83	0.	.00000	84	18776.	.06987	85	19613.	.06863
82	0.	.00000	83	13702.	.05099	84	20248.	.07085
81	0.	.00000	82	14655.	.05453	83	14294.	.05002
80	0.	.00000	81	15660.	.05827	82	14928.	.05223
79	0.	.00000	80	14512.	.05400	81	15355.	.05373
78	0.	.00000	79	16124.	.06000	80	13809.	.04832
77	0.	.00000	78	14373.	.05348	79	15350.	.05371
76	0.	.00000	77	11398.	.04241	78	13422.	.04696
75	0.	.00000	76	8359.	.03111	77	10306.	.03606
74	0.	.00000	75	5144.	.01914	76	7456.	.02609
73	0.	.00000	74	5496.	.02045	75	4443.	.01555
72	0.	.00000	73	5063.	.01884	74	4814.	.01684
71	0.	.00000	72	3842.	.01430	73	4475.	.01566
70	0.	.00000	71	2494.	.00928	72	3284.	.01149
69	0.	.00000	70	2379.	.00885	71	2314.	.00810
68	0.	.00000	69	2033.	.00757	70	2206.	.00772
67	0.	.00000	68	1710.	.00636	69	1885.	.00659
66	0.	.00000	67	1712.	.00637	68	1585.	.00554
65	0.	.00000	66	5438.	.02023	67	6624.	.02318
	0.			268732.			285794.	
							277236.	

TABLE A-9.2
MOTORCYCLE VEHICLE REGISTRATION FOR EL PASO COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	.00		8.38		9.01		9.61	
MED VEH AGE	.00		7.59		8.33		8.90	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	126.	.02439	91	145.	.02854
88	0.	.00000	89	328.	.06348	90	245.	.04823
87	0.	.00000	88	229.	.04432	89	327.	.06437
86	0.	.00000	87	276.	.05342	88	220.	.04331
85	0.	.00000	86	525.	.10161	87	250.	.04921
84	0.	.00000	85	487.	.09425	86	460.	.09055
83	0.	.00000	84	351.	.06793	85	433.	.08524
82	0.	.00000	83	446.	.08632	84	322.	.06339
81	0.	.00000	82	534.	.10335	83	413.	.08130
80	0.	.00000	81	466.	.09019	82	487.	.09587
79	0.	.00000	80	380.	.07354	81	414.	.08150
78	0.	.00000	79	1019.	.19721	80	1364.	.26850
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	0.			5167.			5080.	
							4353.	

TABLE A-9.3
LDGT1 VEHICLE REGISTRATION FOR EL PASO COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		9.75		10.06		10.25				
MED VEH AGE	.00		7.65		7.86		8.15				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	2997.	.03764	91	3778.	.04454	92	3109.	.03795
88	0.	.00000	89	5277.	.06627	90	4364.	.05145	91	4216.	.05147
87	0.	.00000	88	6167.	.07744	89	5329.	.06283	90	4261.	.05202
86	0.	.00000	87	5428.	.06816	88	6341.	.07476	89	5247.	.06405
85	0.	.00000	86	6510.	.08175	87	5477.	.06458	88	6208.	.07578
84	0.	.00000	85	5537.	.06953	86	6679.	.07875	87	5353.	.06535
83	0.	.00000	84	5453.	.06848	85	5658.	.06671	86	6364.	.07769
82	0.	.00000	83	3784.	.04752	84	5542.	.06534	85	5425.	.06623
81	0.	.00000	82	3976.	.04993	83	3861.	.04552	84	5136.	.06270
80	0.	.00000	81	3927.	.04931	82	3931.	.04635	83	3591.	.04384
79	0.	.00000	80	2887.	.03625	81	3881.	.04576	82	3591.	.04384
78	0.	.00000	79	3848.	.04832	80	2963.	.03494	81	3509.	.04284
77	0.	.00000	78	3506.	.04403	79	3804.	.04485	80	2654.	.03240
76	0.	.00000	77	3067.	.03852	78	3474.	.04096	79	3407.	.04159
75	0.	.00000	76	2508.	.03150	77	3000.	.03537	78	3112.	.03799
74	0.	.00000	75	1689.	.02121	76	2419.	.02852	77	2583.	.03153
73	0.	.00000	74	2108.	.02647	75	1630.	.01922	76	2100.	.02564
72	0.	.00000	73	1885.	.02367	74	1991.	.02347	75	1374.	.01677
71	0.	.00000	72	1494.	.01876	73	1816.	.02141	74	1678.	.02048
70	0.	.00000	71	1014.	.01273	72	1437.	.01695	73	1561.	.01906
69	0.	.00000	70	1024.	.01286	71	995.	.01173	72	1205.	.01471
68	0.	.00000	69	982.	.01233	70	1005.	.01185	71	834.	.01018
67	0.	.00000	68	254.	.00320	69	963.	.01136	70	842.	.01028
66	0.	.00000	67	919.	.01154	68	250.	.00294	69	807.	.00985
65	0.	.00000	66	3389.	.04256	67	4226.	.04983	68	3750.	.04578
	0.			79631.			84814.			81917.	

TABLE A-9.4
LDGT2 VEHICLE REGISTRATION FOR EL PASO COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		10.57		10.92		11.01				
MED VEH AGE	.00		10.00		10.15		10.02				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	218.	.03668	91	222.	.03631	92	250.	.04280
88	0.	.00000	89	369.	.06208	90	307.	.05021	91	252.	.04314
87	0.	.00000	88	349.	.05871	89	367.	.06003	90	289.	.04948
86	0.	.00000	87	220.	.03701	88	342.	.05594	89	352.	.06026
85	0.	.00000	86	387.	.06511	87	220.	.03598	88	341.	.05838
84	0.	.00000	85	311.	.05232	86	385.	.06297	87	227.	.03886
83	0.	.00000	84	329.	.05535	85	310.	.05070	86	371.	.06352
82	0.	.00000	83	248.	.04172	84	328.	.05365	85	295.	.05051
81	0.	.00000	82	305.	.05131	83	233.	.03811	84	310.	.05307
80	0.	.00000	81	235.	.03954	82	305.	.04989	83	228.	.03903
79	0.	.00000	80	220.	.03701	81	248.	.04056	82	272.	.04657
78	0.	.00000	79	446.	.07503	80	218.	.03566	81	219.	.03749
77	0.	.00000	78	368.	.06191	79	443.	.07246	80	183.	.03133
76	0.	.00000	77	381.	.06410	78	362.	.05921	79	393.	.06728
75	0.	.00000	76	304.	.05114	77	360.	.05888	78	327.	.05598
74	0.	.00000	75	265.	.04458	76	308.	.05038	77	303.	.05187
73	0.	.00000	74	269.	.04526	75	242.	.03958	76	257.	.04400
72	0.	.00000	73	206.	.03466	74	239.	.03909	75	218.	.03732
71	0.	.00000	72	106.	.01783	73	188.	.03075	74	199.	.03407
70	0.	.00000	71	65.	.01093	72	91.	.01495	73	161.	.02756
69	0.	.00000	70	65.	.01094	71	63.	.01031	72	74.	.01267
68	0.	.00000	69	66.	.01115	70	63.	.01031	71	51.	.00873
67	0.	.00000	68	10.	.00162	69	64.	.01051	70	51.	.00873
66	0.	.00000	67	43.	.00726	68	9.	.00152	69	52.	.00890
65	0.	.00000	66	159.	.02674	67	196.	.03204	68	166.	.02842
	0.			5944.			6114.			5841.	

TABLE A-9.5
HDGV VEHICLE REGISTRATION FOR EL PASO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			13.17			13.53			13.59		
MED VEH AGE	.00			11.98			12.61			12.87		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	73.	.02095	91	94.	.02664	92	75.	.02269	
88	0.	.00000	89	108.	.03099	90	98.	.02777	91	117.	.03539	
87	0.	.00000	88	95.	.02726	89	103.	.02919	90	106.	.03206	
86	0.	.00000	87	114.	.03271	88	92.	.02607	89	97.	.02934	
85	0.	.00000	86	163.	.04677	87	107.	.03032	88	93.	.02813	
84	0.	.00000	85	182.	.05222	86	179.	.05072	87	114.	.03448	
83	0.	.00000	84	169.	.04849	85	191.	.05412	86	170.	.05142	
82	0.	.00000	83	118.	.03386	84	167.	.04732	85	193.	.05838	
81	0.	.00000	82	149.	.04275	83	108.	.03060	84	163.	.04930	
80	0.	.00000	81	139.	.03989	82	150.	.04250	83	104.	.03146	
79	0.	.00000	80	183.	.05251	81	133.	.03769	82	140.	.04235	
78	0.	.00000	79	255.	.07317	80	184.	.05214	81	123.	.03721	
77	0.	.00000	78	198.	.05681	79	258.	.07311	80	182.	.05505	
76	0.	.00000	77	160.	.04591	78	184.	.05214	79	211.	.06382	
75	0.	.00000	76	125.	.03587	77	175.	.04959	78	174.	.05263	
74	0.	.00000	75	167.	.04792	76	129.	.03655	77	142.	.04295	
73	0.	.00000	74	164.	.04706	75	163.	.04619	76	101.	.03055	
72	0.	.00000	73	145.	.04161	74	146.	.04137	75	142.	.04295	
71	0.	.00000	72	119.	.03415	73	135.	.03825	74	128.	.03872	
70	0.	.00000	71	92.	.02636	72	119.	.03369	73	115.	.03479	
69	0.	.00000	70	102.	.02930	71	86.	.02427	72	100.	.03025	
68	0.	.00000	69	86.	.02455	70	95.	.02697	71	72.	.02178	
67	0.	.00000	68	13.	.00371	69	80.	.02259	70	80.	.02420	
66	0.	.00000	67	62.	.01792	68	12.	.00341	69	67.	.02027	
65	0.	.00000	66	304.	.08725	67	341.	.09677	68	297.	.08984	
	0.			3485.			3529.			3306.		

TABLE A-9.6
HDDV VEHICLE REGISTRATION FOR EL PASO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			10.91			11.14			11.52		
MED VEH AGE	.00			9.85			10.29			10.63		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	30.	.02770	91	29.	.02880	92	5.	.00519	
88	0.	.00000	89	26.	.02401	90	39.	.03873	91	29.	.03011	
87	0.	.00000	88	30.	.02770	89	37.	.03674	90	39.	.04050	
86	0.	.00000	87	50.	.04617	88	32.	.03178	89	31.	.03219	
85	0.	.00000	86	64.	.05910	87	50.	.04965	88	37.	.03842	
84	0.	.00000	85	94.	.08680	86	58.	.05760	87	56.	.05815	
83	0.	.00000	84	71.	.06556	85	74.	.07349	86	66.	.06854	
82	0.	.00000	83	46.	.04247	84	68.	.06753	85	78.	.08100	
81	0.	.00000	82	62.	.05725	83	47.	.04667	84	64.	.06646	
80	0.	.00000	81	81.	.07479	82	48.	.04767	83	45.	.04673	
79	0.	.00000	80	103.	.09511	81	74.	.07349	82	50.	.05192	
78	0.	.00000	79	59.	.05448	80	88.	.08739	81	73.	.07580	
77	0.	.00000	78	75.	.06925	79	57.	.05660	80	84.	.08723	
76	0.	.00000	77	54.	.04986	78	57.	.05660	79	49.	.05088	
75	0.	.00000	76	21.	.01939	77	39.	.03873	78	49.	.05088	
74	0.	.00000	75	25.	.02308	76	18.	.01787	77	38.	.03946	
73	0.	.00000	74	30.	.02770	75	26.	.02582	76	19.	.01973	
72	0.	.00000	73	35.	.03232	74	30.	.02979	75	23.	.02388	
71	0.	.00000	72	28.	.02585	73	37.	.03674	74	22.	.02285	
70	0.	.00000	71	21.	.01946	72	22.	.02141	73	28.	.02908	
69	0.	.00000	70	11.	.01049	71	16.	.01638	72	17.	.01765	
68	0.	.00000	69	16.	.01499	70	9.	.00882	71	13.	.01350	
67	0.	.00000	68	3.	.00250	69	13.	.01261	70	7.	.00727	
66	0.	.00000	67	7.	.00673	68	2.	.00210	69	10.	.01038	
65	0.	.00000	66	40.	.03725	67	37.	.03699	68	31.	.03219	
	0.			1083.			1007.			963.		

TABLE A-10.1
AUTOMOBILE VEHICLE REGISTRATION FOR ELLIS COUNTY

Dallas MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.17			8.28			8.38		
MED VEH AGE	.00			6.37			6.67			6.83		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1131.	.02619	91	2230.	.04839	92	1460.	.03221	
88	0.	.00000	89	4196.	.09716	90	4311.	.09354	91	4394.	.09695	
87	0.	.00000	88	4655.	.10778	89	4054.	.08796	90	4098.	.09042	
86	0.	.00000	87	3795.	.08787	88	3606.	.07824	89	3576.	.07890	
85	0.	.00000	86	3244.	.07511	87	3291.	.07141	88	3367.	.07429	
84	0.	.00000	85	3388.	.07845	86	3256.	.07065	87	3085.	.06807	
83	0.	.00000	84	3181.	.07365	85	3446.	.07477	86	3217.	.07098	
82	0.	.00000	83	2185.	.05059	84	3370.	.07312	85	3368.	.07431	
81	0.	.00000	82	2146.	.04969	83	2212.	.04800	84	3175.	.07005	
80	0.	.00000	81	2173.	.05031	82	2182.	.04734	83	2096.	.04624	
79	0.	.00000	80	1969.	.04559	81	2136.	.04635	82	1891.	.04172	
78	0.	.00000	79	2494.	.05775	80	1873.	.04064	81	1820.	.04016	
77	0.	.00000	78	1952.	.04520	79	2333.	.05062	80	1585.	.03497	
76	0.	.00000	77	1655.	.03832	78	1825.	.03960	79	1966.	.04338	
75	0.	.00000	76	1043.	.02415	77	1467.	.03183	78	1480.	.03265	
74	0.	.00000	75	618.	.01431	76	892.	.01935	77	1159.	.02557	
73	0.	.00000	74	587.	.01359	75	556.	.01206	76	693.	.01529	
72	0.	.00000	73	518.	.01199	74	491.	.01065	75	409.	.00902	
71	0.	.00000	72	415.	.00961	73	452.	.00981	74	389.	.00858	
70	0.	.00000	71	249.	.00577	72	364.	.00790	73	366.	.00808	
69	0.	.00000	70	256.	.00593	71	236.	.00512	72	300.	.00662	
68	0.	.00000	69	231.	.00534	70	242.	.00525	71	194.	.00428	
67	0.	.00000	68	226.	.00523	69	218.	.00473	70	199.	.00439	
66	0.	.00000	67	203.	.00470	68	213.	.00463	69	179.	.00395	
65	0.	.00000	66	678.	.01570	67	832.	.01805	68	858.	.01893	
	0.			43188.			46088.			45324.		

TABLE A-10.2
MOTORCYCLE VEHICLE REGISTRATION FOR ELLIS COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	.00		9.39		9.90		10.73				
MED VEH AGE	.00		8.61		9.38		10.22				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	4.	.00336	91	17.	.01458	92	16.	.01675
88	0.	.00000	89	43.	.03610	90	21.	.01801	91	20.	.02094
87	0.	.00000	88	35.	.02939	89	53.	.04545	90	27.	.02827
86	0.	.00000	87	59.	.04954	88	34.	.02916	89	47.	.04921
85	0.	.00000	86	119.	.09992	87	57.	.04889	88	32.	.03351
84	0.	.00000	85	84.	.07053	86	101.	.08662	87	41.	.04293
83	0.	.00000	84	78.	.06549	85	89.	.07633	86	76.	.07958
82	0.	.00000	83	93.	.07809	84	76.	.06518	85	67.	.07016
81	0.	.00000	82	131.	.10999	83	87.	.07461	84	59.	.06178
80	0.	.00000	81	117.	.09824	82	128.	.10978	83	72.	.07539
79	0.	.00000	80	104.	.08732	81	112.	.09605	82	95.	.09948
78	0.	.00000	79	324.	.27204	80	391.	.33533	81	403.	.42199
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	0.			1191.			1166.			955.	

LDGT1 VEHICLE REGISTRATION FOR ELLIS COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		9.26			9.35			9.37		
MED VEH AGE	.00		6.96			7.21			7.32		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	782.	.03783	91	1152.	.05050	92	951.	.04168
88	0.	.00000	89	1680.	.08128	90	1817.	.07965	91	1700.	.07451
87	0.	.00000	88	1761.	.08520	89	1789.	.07843	90	1813.	.07946
86	0.	.00000	87	1310.	.06338	88	1734.	.07602	89	1797.	.07876
85	0.	.00000	86	1767.	.08549	87	1280.	.05611	88	1718.	.07529
84	0.	.00000	85	1567.	.07581	86	1785.	.07825	87	1230.	.05391
83	0.	.00000	84	1529.	.07398	85	1531.	.06712	86	1721.	.07543
82	0.	.00000	83	1015.	.04911	84	1537.	.06738	85	1504.	.06592
81	0.	.00000	82	1043.	.05046	83	1047.	.04590	84	1457.	.06386
80	0.	.00000	81	1008.	.04877	82	1039.	.04555	83	970.	.04251
79	0.	.00000	80	700.	.03387	81	981.	.04301	82	925.	.04054
78	0.	.00000	79	982.	.04751	80	729.	.03196	81	871.	.03817
77	0.	.00000	78	961.	.04649	79	971.	.04257	80	655.	.02871
76	0.	.00000	77	716.	.03464	78	955.	.04187	79	871.	.03817
75	0.	.00000	76	559.	.02705	77	728.	.03191	78	849.	.03721
74	0.	.00000	75	292.	.01413	76	526.	.02306	77	644.	.02822
73	0.	.00000	74	412.	.01993	75	277.	.01214	76	447.	.01959
72	0.	.00000	73	401.	.01940	74	394.	.01727	75	235.	.01030
71	0.	.00000	72	342.	.01655	73	366.	.01604	74	325.	.01424
70	0.	.00000	71	250.	.01208	72	342.	.01497	73	296.	.01297
69	0.	.00000	70	244.	.01179	71	248.	.01088	72	289.	.01267
68	0.	.00000	69	278.	.01346	70	242.	.01062	71	210.	.00920
67	0.	.00000	68	94.	.00457	69	277.	.01213	70	205.	.00898
66	0.	.00000	67	228.	.01104	68	94.	.00412	69	234.	.01026
65	0.	.00000	66	748.	.03618	67	970.	.04254	68	900.	.03944
	0.			20669.			22811.			22817.	

LDGT2 VEHICLE REGISTRATION FOR ELLIS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	.00			8.23			8.67			8.66		
MED VEH AGE	.00			6.57			7.15			7.34		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	114.	.04758	91	139.	.05457	92	173.	.06763	
88	0.	.00000	89	250.	.10434	90	211.	.08284	91	202.	.07897	
87	0.	.00000	88	206.	.08598	89	211.	.08284	90	205.	.08014	
86	0.	.00000	87	106.	.04424	88	175.	.06871	89	200.	.07819	
85	0.	.00000	86	199.	.08306	87	103.	.04044	88	156.	.06099	
84	0.	.00000	85	190.	.07930	86	200.	.07852	87	97.	.03792	
83	0.	.00000	84	235.	.09808	85	201.	.07892	86	182.	.07115	
82	0.	.00000	83	130.	.05426	84	226.	.08873	85	186.	.07271	
81	0.	.00000	82	134.	.05593	83	131.	.05143	84	196.	.07662	
80	0.	.00000	81	74.	.03088	82	130.	.05104	83	121.	.04730	
79	0.	.00000	80	73.	.03047	81	77.	.03023	82	131.	.05121	
78	0.	.00000	79	139.	.05801	80	70.	.02748	81	70.	.02737	
77	0.	.00000	78	111.	.04633	79	140.	.05497	80	56.	.02189	
76	0.	.00000	77	90.	.03756	78	101.	.03965	79	137.	.05356	
75	0.	.00000	76	98.	.04090	77	85.	.03337	78	91.	.03557	
74	0.	.00000	75	69.	.02880	76	91.	.03573	77	76.	.02971	
73	0.	.00000	74	54.	.02254	75	66.	.02591	76	80.	.03127	
72	0.	.00000	73	38.	.01586	74	55.	.02159	75	49.	.01916	
71	0.	.00000	72	18.	.00751	73	39.	.01531	74	39.	.01525	
70	0.	.00000	71	13.	.00549	72	20.	.00773	73	33.	.01290	
69	0.	.00000	70	13.	.00549	71	15.	.00580	72	16.	.00625	
68	0.	.00000	69	7.	.00275	70	15.	.00580	71	12.	.00469	
67	0.	.00000	68	3.	.00135	69	7.	.00290	70	12.	.00469	
66	0.	.00000	67	8.	.00314	68	4.	.00142	69	6.	.00235	
65	0.	.00000	66	24.	.01017	67	36.	.01404	68	32.	.01251	
	0.			2396.			2547.			2558.		

TABLE A-10.5
HDGT VEHICLE REGISTRATION FOR ELLIS COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		13.07			13.04			12.94		
MED VEH AGE	.00		11.86			12.08			11.32		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	13.	.01222	91	18.	.01748	92	21.	.02067
88	0.	.00000	89	49.	.04605	90	36.	.03495	91	49.	.04823
87	0.	.00000	88	60.	.05639	89	50.	.04854	90	45.	.04429
86	0.	.00000	87	33.	.03102	88	53.	.05146	89	54.	.05315
85	0.	.00000	86	50.	.04699	87	33.	.03204	88	54.	.05315
84	0.	.00000	85	60.	.05639	86	54.	.05243	87	27.	.02657
83	0.	.00000	84	56.	.05263	85	58.	.05631	86	57.	.05610
82	0.	.00000	83	28.	.02632	84	60.	.05825	85	65.	.06398
81	0.	.00000	82	50.	.04699	83	28.	.02718	84	58.	.05709
80	0.	.00000	81	39.	.03665	82	47.	.04563	83	25.	.02461
79	0.	.00000	80	32.	.03008	81	38.	.03689	82	42.	.04134
78	0.	.00000	79	72.	.06767	80	35.	.03398	81	34.	.03346
77	0.	.00000	78	63.	.05921	79	62.	.06019	80	26.	.02559
76	0.	.00000	77	42.	.03947	78	58.	.05631	79	54.	.05315
75	0.	.00000	76	28.	.02632	77	45.	.04369	78	46.	.04528
74	0.	.00000	75	50.	.04699	76	26.	.02524	77	38.	.03740
73	0.	.00000	74	47.	.04417	75	44.	.04272	76	22.	.02165
72	0.	.00000	73	37.	.03477	74	37.	.03592	75	34.	.03346
71	0.	.00000	72	37.	.03477	73	33.	.03204	74	26.	.02559
70	0.	.00000	71	30.	.02856	72	27.	.02647	73	42.	.04134
69	0.	.00000	70	25.	.02381	71	26.	.02542	72	25.	.02461
68	0.	.00000	69	22.	.02025	70	22.	.02119	71	24.	.02362
67	0.	.00000	68	12.	.01093	69	19.	.01801	70	20.	.01969
66	0.	.00000	67	7.	.00652	68	10.	.00972	69	17.	.01673
65	0.	.00000	66	122.	.11482	67	111.	.10793	68	111.	.10925
	0.			1064.			1030.			1016.	

TABLE A-10.6
HDDV VEHICLE REGISTRATION FOR ELLIS COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	.00		10.50			10.58			11.07		
MED VEH AGE	.00		9.56			9.83			10.00		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	2.	.00629	91	6.	.01923	92	2.	.00658
88	0.	.00000	89	6.	.01887	90	11.	.03526	91	7.	.02303
87	0.	.00000	88	6.	.01887	89	7.	.02244	90	13.	.04276
86	0.	.00000	87	5.	.01572	88	11.	.03526	89	9.	.02961
85	0.	.00000	86	20.	.06289	87	5.	.01603	88	10.	.03289
84	0.	.00000	85	26.	.08176	86	20.	.06410	87	9.	.02961
83	0.	.00000	84	36.	.11321	85	29.	.09295	86	23.	.07566
82	0.	.00000	83	19.	.05975	84	42.	.13462	85	27.	.08882
81	0.	.00000	82	25.	.07862	83	15.	.04808	84	44.	.14474
80	0.	.00000	81	25.	.07862	82	12.	.03846	83	8.	.02632
79	0.	.00000	80	27.	.08491	81	22.	.07051	82	13.	.04276
78	0.	.00000	79	26.	.08176	80	22.	.07051	81	23.	.07566
77	0.	.00000	78	27.	.08491	79	29.	.09295	80	18.	.05921
76	0.	.00000	77	11.	.03459	78	25.	.08013	79	23.	.07566
75	0.	.00000	76	7.	.02201	77	11.	.03526	78	22.	.07237
74	0.	.00000	75	11.	.03459	76	5.	.01603	77	13.	.04276
73	0.	.00000	74	15.	.04717	75	10.	.03205	76	4.	.01316
72	0.	.00000	73	8.	.02516	74	10.	.03205	75	9.	.02961
71	0.	.00000	72	3.	.00943	73	6.	.01923	74	9.	.02961
70	0.	.00000	71	1.	.00454	72	3.	.00815	73	7.	.02303
69	0.	.00000	70	3.	.00908	71	1.	.00408	72	2.	.00658
68	0.	.00000	69	4.	.01363	70	3.	.00816	71	1.	.00329
67	0.	.00000	68	0.	.00097	69	4.	.01224	70	2.	.00658
66	0.	.00000	67	1.	.00253	68	0.	.00087	69	3.	.00987
65	0.	.00000	66	3.	.01014	67	4.	.01137	68	3.	.00987
	0.			318.			312.			304.	

TABLE A-11.1
AUTOMOBILE VEHICLE REGISTRATION FOR FT.BEND COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.57		7.53		7.23		7.35	
MED VEH AGE	6.06		6.03		5.76		5.87	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	2559.	.02808	90	3800.	.03609	91	9406.	.07705
88	7444.	.08170	89	9633.	.09150	90	11399.	.09337
87	8437.	.09260	88	10288.	.09772	89	11405.	.09342
86	8664.	.09509	87	9403.	.08931	88	11308.	.09263
85	9505.	.10432	86	9385.	.08914	87	10085.	.08261
84	8612.	.09452	85	9908.	.09411	86	9774.	.08006
83	6069.	.06661	84	8899.	.08453	85	9936.	.08139
82	6622.	.07268	83	6251.	.05937	84	8840.	.07241
81	6194.	.06798	82	6622.	.06290	83	6038.	.04946
80	4990.	.05476	81	6023.	.05721	82	6180.	.05062
79	5465.	.05998	80	4692.	.04457	81	5462.	.04474
78	4604.	.05053	79	5118.	.04861	80	4260.	.03490
77	3312.	.03635	78	4322.	.04105	79	4579.	.03751
76	2141.	.02350	77	2993.	.02843	78	3772.	.03090
75	1155.	.01268	76	1818.	.01727	77	2583.	.02116
74	1014.	.01113	75	1028.	.00976	76	1518.	.01243
73	876.	.00961	74	894.	.00849	75	828.	.00678
72	694.	.00762	73	795.	.00755	74	783.	.00641
71	489.	.00537	72	601.	.00571	73	702.	.00575
70	374.	.00411	71	432.	.00410	72	539.	.00442
69	330.	.00363	70	392.	.00372	71	413.	.00338
68	369.	.00405	69	346.	.00329	70	375.	.00307
67	338.	.00371	68	386.	.00367	69	330.	.00271
66	150.	.00164	67	354.	.00336	68	369.	.00302
65	710.	.00779	66	899.	.00854	67	1196.	.00979
	91117.			105282.			122079.	
							125038.	

TABLE A-11.2
MOTORCYCLE VEHICLE REGISTRATION FOR FT.BEND COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.79		8.10		8.55		9.12	
MED VEH AGE	6.99		7.31		7.51		7.92	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	90.	.04395	90	66.	.03116	91	59.	.02532
88	121.	.05908	89	156.	.07365	90	99.	.04249
87	123.	.06006	88	138.	.06516	89	186.	.07983
86	225.	.10986	87	138.	.06516	88	167.	.07167
85	176.	.08594	86	213.	.10057	87	159.	.06824
84	137.	.06689	85	180.	.08499	86	229.	.09828
83	153.	.07471	84	126.	.05949	85	201.	.08627
82	236.	.11523	83	136.	.06421	84	128.	.05494
81	164.	.08008	82	240.	.11331	83	147.	.06309
80	143.	.06982	81	159.	.07507	82	247.	.10601
79	101.	.04932	80	138.	.06516	81	155.	.06652
78	379.	.18506	79	428.	.20208	80	553.	.23734
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	2048.			2118.			2330.	
							2063.	

TABLE A-11.3
LDGT1 VEHICLE REGISTRATION FOR FT. BEND COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.80		7.84		7.70		7.83	
MED VEH AGE	5.89		6.07		6.07		6.29	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	885.	.02986	90	1196.	.03575	91	2909.	.07584
88	2606.	.08793	89	3181.	.09509	90	3342.	.08713
87	2581.	.08709	88	3186.	.09524	89	3573.	.09316
86	2910.	.09819	87	2746.	.08209	88	3270.	.08526
85	3181.	.10733	86	3036.	.09076	87	2841.	.07407
84	2980.	.10055	85	3176.	.09494	86	3017.	.07866
83	1786.	.06026	84	2972.	.08885	85	3148.	.08208
82	2191.	.07393	83	1731.	.05175	84	2927.	.07631
81	1722.	.05810	82	2143.	.06406	83	1728.	.04505
80	1092.	.03685	81	1678.	.05016	82	2034.	.05303
79	1488.	.05021	80	1053.	.03148	81	1635.	.04263
78	1498.	.05054	79	1440.	.04305	80	981.	.02558
77	1077.	.03634	78	1412.	.04221	79	1379.	.03595
76	738.	.02490	77	997.	.02980	78	1311.	.03418
75	384.	.01296	76	669.	.02000	77	950.	.02477
74	443.	.01495	75	387.	.01157	76	655.	.01708
73	344.	.01161	74	414.	.01238	75	354.	.00923
72	330.	.01113	73	348.	.01040	74	361.	.00941
71	239.	.00806	72	306.	.00915	73	306.	.00798
70	212.	.00714	71	225.	.00671	72	302.	.00788
69	185.	.00623	70	210.	.00629	71	217.	.00565
68	80.	.00271	69	184.	.00549	70	203.	.00530
67	203.	.00685	68	80.	.00239	69	177.	.00462
66	70.	.00236	67	202.	.00603	68	77.	.00201
65	413.	.01392	66	480.	.01434	67	658.	.01715
	29637.			33451.			38355.	
								39073.

TABLE A-11.4
LDGT2 VEHICLE REGISTRATION FOR FT. BEND COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.84		8.13		8.18		8.16	
MED VEH AGE	6.48		6.80		7.09		7.06	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	131.	.03952	90	142.	.03994	91	237.	.06063
88	227.	.06848	89	327.	.09198	90	319.	.08161
87	162.	.04887	88	261.	.07342	89	363.	.09286
86	304.	.09170	87	156.	.04388	88	276.	.07061
85	355.	.10709	86	296.	.08326	87	136.	.03479
84	375.	.11312	85	306.	.08608	86	298.	.07623
83	216.	.06516	84	360.	.10127	85	294.	.07521
82	284.	.08567	83	199.	.05598	84	344.	.08800
81	139.	.04193	82	280.	.07876	83	184.	.04707
80	134.	.04042	81	139.	.03910	82	279.	.07137
79	272.	.08205	80	141.	.03966	81	127.	.03249
78	179.	.05400	79	265.	.07454	80	143.	.03658
77	168.	.05068	78	166.	.04669	79	245.	.06268
76	118.	.03560	77	163.	.04585	78	165.	.04221
75	83.	.02504	76	114.	.03207	77	167.	.04272
74	49.	.01478	75	67.	.01885	76	116.	.02968
73	40.	.01207	74	45.	.01266	75	61.	.01561
72	25.	.00754	73	44.	.01238	74	40.	.01023
71	19.	.00573	72	22.	.00619	73	44.	.01126
70	9.	.00279	71	18.	.00508	72	20.	.00515
69	6.	.00186	70	12.	.00327	71	15.	.00379
68	2.	.00063	69	8.	.00218	70	10.	.00244
67	2.	.00075	68	3.	.00073	69	6.	.00163
66	4.	.00106	67	3.	.00088	68	2.	.00055
65	11.	.00346	66	19.	.00530	67	18.	.00461
	3315.			3555.			3909.	
								3988.

TABLE A-11.5
HDGV VEHICLE REGISTRATION FOR FT. BEND COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.56			11.85			11.57			11.27		
MED VEH AGE	10.19			10.60			10.47			10.25		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	25.	.01722	90	41.	.02902	91	51.	.03544	92	62.	.04267	
88	25.	.01722	89	71.	.05025	90	68.	.04726	91	70.	.04818	
87	42.	.02893	88	44.	.03114	89	86.	.05976	90	75.	.05162	
86	79.	.05441	87	43.	.03043	88	49.	.03405	89	104.	.07158	
85	104.	.07163	86	73.	.05166	87	44.	.03058	88	63.	.04336	
84	99.	.06818	85	82.	.05803	86	74.	.05142	87	51.	.03510	
83	43.	.02961	84	88.	.06228	85	86.	.05976	86	72.	.04955	
82	102.	.07025	83	34.	.02406	84	98.	.06810	85	78.	.05368	
81	100.	.06887	82	89.	.06299	83	35.	.02432	84	96.	.06607	
80	83.	.05716	81	96.	.06794	82	91.	.06324	83	35.	.02409	
79	126.	.08678	80	76.	.05379	81	80.	.05559	82	82.	.05643	
78	110.	.07576	79	103.	.07289	80	72.	.05003	81	85.	.05850	
77	80.	.05510	78	106.	.07502	79	105.	.07297	80	66.	.04542	
76	48.	.03306	77	61.	.04317	78	90.	.06254	79	96.	.06607	
75	50.	.03444	76	45.	.03185	77	62.	.04309	78	76.	.05231	
74	46.	.03168	75	48.	.03397	76	41.	.02849	77	52.	.03579	
73	43.	.02961	74	38.	.02689	75	42.	.02919	76	33.	.02271	
72	35.	.02410	73	43.	.03043	74	38.	.02641	75	34.	.02340	
71	25.	.01722	72	28.	.01982	73	37.	.02571	74	27.	.01858	
70	26.	.01809	71	17.	.01236	72	29.	.01999	73	31.	.02134	
69	23.	.01609	70	26.	.01855	71	14.	.00960	72	25.	.01721	
68	14.	.00982	69	23.	.01650	70	21.	.01440	71	12.	.00826	
67	18.	.01251	68	14.	.01007	69	18.	.01280	70	18.	.01239	
66	20.	.01358	67	18.	.01282	68	11.	.00781	69	16.	.01101	
65	85.	.05869	66	105.	.07408	67	97.	.06743	68	94.	.06469	
	1452.			1413.			1439.			1453.		

TABLE A-11.6
HDDV VEHICLE REGISTRATION FOR FT. BEND COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.71			9.69			9.47			10.11		
MED VEH AGE	8.97			9.31			9.13			9.41		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	7.	.01195	90	22.	.03349	91	32.	.04366	92	9.	.01121	
88	14.	.02389	89	25.	.03805	90	40.	.05457	91	39.	.04857	
87	13.	.02218	88	29.	.04414	89	32.	.04366	90	41.	.05106	
86	25.	.04266	87	16.	.02435	88	35.	.04775	89	41.	.05106	
85	39.	.06655	86	30.	.04566	87	16.	.02183	88	40.	.04981	
84	47.	.08020	85	46.	.07002	86	38.	.05184	87	21.	.02615	
83	28.	.04778	84	55.	.08371	85	61.	.08322	86	43.	.05355	
82	50.	.08532	83	32.	.04871	84	65.	.08868	85	77.	.09589	
81	72.	.12287	82	53.	.08067	83	41.	.05593	84	73.	.09091	
80	61.	.10410	81	67.	.10198	82	50.	.06821	83	43.	.05355	
79	51.	.08703	80	60.	.09132	81	72.	.09823	82	51.	.06351	
78	41.	.06997	79	49.	.07458	80	56.	.07640	81	68.	.08468	
77	42.	.07167	78	47.	.07154	79	48.	.06548	80	59.	.07347	
76	24.	.04096	77	40.	.06088	78	44.	.06003	79	48.	.05978	
75	20.	.03413	76	19.	.02892	77	33.	.04502	78	41.	.05106	
74	12.	.02048	75	20.	.03044	76	17.	.02319	77	36.	.04483	
73	13.	.02218	74	13.	.01979	75	18.	.02456	76	17.	.02117	
72	8.	.01365	73	12.	.01826	74	10.	.01364	75	16.	.01993	
71	3.	.00512	72	6.	.00913	73	9.	.01228	74	12.	.01494	
70	7.	.01170	71	2.	.00304	72	8.	.01155	73	11.	.01370	
69	7.	.01170	70	6.	.00913	71	1.	.00128	72	9.	.01121	
68	0.	.00068	69	6.	.00913	70	3.	.00385	71	1.	.00125	
67	0.	.00016	68	0.	.00053	69	3.	.00385	70	3.	.00374	
66	1.	.00178	67	0.	.00012	68	0.	.00022	69	3.	.00374	
65	1.	.00129	66	2.	.00239	67	1.	.00106	68	1.	.00125	
	586.			657.			733.			803.		

Houston MSA

1989			1990			1991			1992		
AVG VEH AGE	8.23		AVG VEH AGE	8.25		AVG VEH AGE	8.16		AVG VEH AGE	8.22	
MED VEH AGE	6.99		MED VEH AGE	6.79		MED VEH AGE	6.75		MED VEH AGE	6.85	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	4187.	.04120	90	5213.	.04886	91	7109.	.06134	92	5245.	.04573
88	7147.	.07033	89	8418.	.07891	90	8824.	.07614	91	9455.	.08243
87	7729.	.07606	88	8245.	.07728	89	9436.	.08142	90	8906.	.07764
86	8002.	.07874	87	7832.	.07341	88	8931.	.07706	89	9370.	.08169
85	8517.	.08381	86	8038.	.07534	87	8360.	.07213	88	8884.	.07745
84	9050.	.08905	85	8585.	.08047	86	8537.	.07366	87	8366.	.07294
83	6241.	.06141	84	8904.	.08346	85	8947.	.07720	86	8386.	.07311
82	6827.	.06718	83	6092.	.05710	84	9027.	.07789	85	8672.	.07560
81	6656.	.06550	82	6494.	.06087	83	6101.	.05264	84	8439.	.07357
80	5978.	.05883	81	6129.	.05745	82	6218.	.05365	83	5720.	.04987
79	7103.	.06990	80	5485.	.05141	81	5776.	.04984	82	5539.	.04829
78	6400.	.06298	79	6355.	.05957	80	4903.	.04230	81	4938.	.04305
77	4782.	.04706	78	5590.	.05240	79	5708.	.04925	80	4063.	.03542
76	3343.	.03290	77	4104.	.03847	78	4831.	.04168	79	4624.	.04031
75	1879.	.01849	76	2679.	.02511	77	3433.	.02962	78	3893.	.03394
74	1532.	.01508	75	1501.	.01407	76	2191.	.01890	77	2678.	.02335
73	1288.	.01267	74	1244.	.01166	75	1286.	.01110	76	1614.	.01407
72	979.	.00963	73	1102.	.01033	74	1058.	.00913	75	965.	.00841
71	721.	.00709	72	860.	.00806	73	932.	.00804	74	783.	.00683
70	531.	.00523	71	576.	.00540	72	764.	.00659	73	721.	.00629
69	447.	.00440	70	528.	.00495	71	533.	.00460	72	614.	.00535
68	477.	.00470	69	444.	.00416	70	488.	.00421	71	428.	.00373
67	473.	.00466	68	474.	.00444	69	410.	.00354	70	392.	.00342
66	160.	.00157	67	470.	.00440	68	438.	.00378	69	329.	.00287
65	1174.	.01155	66	1323.	.01241	67	1657.	.01430	68	1680.	.01465
	101623.			106684.			115898.			114704.	

TABLE A-12.2
MOTORCYCLE VEHICLE REGISTRATION FOR GALVESTON COUNTY

1989			1990			1991			1992		
AVG VEH AGE	8.61		9.08			9.54			10.05		
MED VEH AGE	7.50		8.11			8.74			9.04		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	43.	.01307	90	65.	.02006	91	90.	.02667	92	88.	.02969
88	146.	.04439	89	133.	.04104	90	147.	.04356	91	129.	.04352
87	249.	.07571	88	171.	.05276	89	172.	.05096	90	145.	.04892
86	293.	.08908	87	216.	.06665	88	158.	.04681	89	157.	.05297
85	307.	.09334	86	280.	.08639	87	216.	.06400	88	134.	.04521
84	187.	.05686	85	278.	.08578	86	267.	.07911	87	161.	.05432
83	260.	.07905	84	182.	.05616	85	258.	.07644	86	250.	.08435
82	321.	.09760	83	260.	.08022	84	206.	.06104	85	224.	.07557
81	251.	.07631	82	315.	.09719	83	233.	.06904	84	186.	.06275
80	255.	.07753	81	230.	.07097	82	307.	.09096	83	199.	.06714
79	186.	.05655	80	252.	.07775	81	239.	.07081	82	253.	.08536
78	791.	.24050	79	859.	.26504	80	1082.	.32059	81	1038.	.35020
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	3289.			3241.			3375.			2964.	

TABLE A-12.3
LDGT1 VEHICLE REGISTRATION FOR GALVESTON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.52			8.51			8.40			8.42		
MED VEH AGE	7.05			6.87			6.94			6.97		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1505.	.03918	90	1897.	.04658	91	2991.	.06728	92	2585.	.05773	
88	2735.	.07119	89	3508.	.08614	90	3565.	.08019	91	3622.	.08090	
87	2524.	.06570	88	3126.	.07676	89	3640.	.08188	90	3568.	.07969	
86	3128.	.08142	87	2516.	.06178	88	3277.	.07371	89	3601.	.08043	
85	3058.	.07960	86	3174.	.07794	87	2614.	.05880	88	3291.	.07350	
84	3770.	.09813	85	3014.	.07401	86	3258.	.07328	87	2617.	.05845	
83	2345.	.06104	84	3604.	.08850	85	3062.	.06887	86	3188.	.07120	
82	2915.	.07588	83	2234.	.05486	84	3602.	.08102	85	3019.	.06743	
81	2396.	.06237	82	2755.	.06765	83	2221.	.04996	84	3392.	.07576	
80	1768.	.04602	81	2227.	.05468	82	2631.	.05918	83	2061.	.04603	
79	2443.	.06359	80	1594.	.03914	81	2162.	.04863	82	2435.	.05438	
78	2136.	.05560	79	2230.	.05476	80	1483.	.03336	81	1932.	.04315	
77	1761.	.04584	78	1916.	.04705	79	2019.	.04541	80	1296.	.02895	
76	1329.	.03459	77	1565.	.03843	78	1775.	.03993	79	1726.	.03855	
75	675.	.01757	76	1188.	.02917	77	1418.	.03190	78	1500.	.03350	
74	722.	.01879	75	610.	.01498	76	1031.	.02319	77	1177.	.02629	
73	600.	.01562	74	648.	.01591	75	538.	.01210	76	837.	.01869	
72	481.	.01252	73	518.	.01272	74	535.	.01203	75	383.	.00855	
71	349.	.00908	72	443.	.01088	73	436.	.00981	74	422.	.00943	
70	339.	.00882	71	310.	.00761	72	403.	.00906	73	337.	.00753	
69	274.	.00712	70	314.	.00771	71	285.	.00640	72	327.	.00730	
68	110.	.00286	69	254.	.00623	70	288.	.00649	71	231.	.00516	
67	271.	.00705	68	102.	.00250	69	233.	.00524	70	234.	.00523	
66	105.	.00274	67	251.	.00617	68	94.	.00211	69	189.	.00422	
65	678.	.01766	66	727.	.01784	67	898.	.02019	68	804.	.01796	
	38417.			40725.			44458.			44774.		

TABLE A-12.4
LDGT2 VEHICLE REGISTRATION FOR GALVESTON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.79			8.73			8.81			8.65		
MED VEH AGE	7.58			7.34			7.55			7.59		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	106.	.03189	90	163.	.04670	91	220.	.05791	92	260.	.06604	
88	201.	.06047	89	287.	.08223	90	270.	.07107	91	298.	.07569	
87	133.	.04001	88	226.	.06476	89	323.	.08502	90	287.	.07290	
86	261.	.07852	87	110.	.03152	88	213.	.05607	89	327.	.08306	
85	277.	.08333	86	239.	.06848	87	123.	.03238	88	246.	.06248	
84	343.	.10319	85	299.	.08567	86	251.	.06607	87	130.	.03302	
83	202.	.06077	84	357.	.10229	85	301.	.07923	86	253.	.06426	
82	239.	.07190	83	188.	.05387	84	359.	.09450	85	286.	.07264	
81	143.	.04302	82	224.	.06418	83	193.	.05080	84	346.	.08788	
80	163.	.04904	81	139.	.03983	82	221.	.05817	83	182.	.04623	
79	269.	.08093	80	143.	.04097	81	144.	.03790	82	198.	.05029	
78	241.	.07250	79	240.	.06877	80	125.	.03290	81	123.	.03124	
77	204.	.06137	78	212.	.06074	79	235.	.06186	80	109.	.02769	
76	166.	.04994	77	200.	.05731	78	214.	.05633	79	200.	.05080	
75	114.	.03430	76	152.	.04355	77	175.	.04606	78	181.	.04597	
74	70.	.02106	75	84.	.02407	76	134.	.03527	77	159.	.04039	
73	50.	.01504	74	62.	.01777	75	91.	.02395	76	110.	.02794	
72	29.	.00872	73	47.	.01347	74	60.	.01579	75	73.	.01854	
71	25.	.00752	72	21.	.00602	73	41.	.01079	74	46.	.01168	
70	20.	.00604	71	18.	.00516	72	19.	.00492	73	38.	.00965	
69	9.	.00279	70	18.	.00516	71	16.	.00427	72	15.	.00381	
68	7.	.00212	69	8.	.00238	70	16.	.00427	71	13.	.00330	
67	14.	.00409	68	6.	.00181	69	7.	.00197	70	13.	.00330	
66	5.	.00163	67	12.	.00350	68	6.	.00150	69	6.	.00152	
65	33.	.00981	66	34.	.00978	67	42.	.01098	68	38.	.00965	
	3324.			3490.			3799.			3937.		

TABLE A-12.5
HDGV VEHICLE REGISTRATION FOR GALVESTON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.43			11.67			11.58			11.65		
MED VEH AGE	10.36			10.89			10.88			10.89		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	8.	.00573	90	26.	.01970	91	67.	.04838	92	41.	.03021	
88	33.	.02366	89	43.	.03258	90	54.	.03899	91	81.	.05969	
87	52.	.03728	88	39.	.02955	89	45.	.03249	90	60.	.04422	
86	50.	.03584	87	42.	.03182	88	46.	.03321	89	44.	.03242	
85	68.	.04875	86	50.	.03788	87	50.	.03610	88	48.	.03537	
84	73.	.05233	85	70.	.05303	86	46.	.03321	87	54.	.03979	
83	61.	.04373	84	75.	.05682	85	71.	.05126	86	57.	.04200	
82	96.	.06882	83	60.	.04545	84	86.	.06209	85	75.	.05527	
81	95.	.06810	82	97.	.07348	83	64.	.04621	84	79.	.05822	
80	113.	.08100	81	80.	.06061	82	94.	.06787	83	62.	.04569	
79	136.	.09749	80	88.	.06667	81	79.	.05704	82	87.	.06411	
78	104.	.07455	79	112.	.08485	80	89.	.06426	81	74.	.05453	
77	83.	.05950	78	76.	.05758	79	99.	.07148	80	72.	.05306	
76	66.	.04731	77	79.	.05985	78	75.	.05415	79	86.	.06338	
75	64.	.04588	76	67.	.05076	77	72.	.05199	78	66.	.04864	
74	42.	.03011	75	56.	.04242	76	58.	.04188	77	69.	.05085	
73	63.	.04516	74	45.	.03409	75	46.	.03321	76	53.	.03906	
72	34.	.02437	73	54.	.04091	74	43.	.03105	75	40.	.02948	
71	35.	.02509	72	32.	.02424	73	55.	.03971	74	38.	.02800	
70	30.	.02185	71	30.	.02297	72	24.	.01727	73	49.	.03611	
69	20.	.01421	70	25.	.01916	71	29.	.02073	72	20.	.01474	
68	5.	.00376	69	16.	.01246	70	24.	.01728	71	24.	.01769	
67	13.	.00927	68	4.	.00330	69	16.	.01124	70	20.	.01474	
66	0.	.00001	67	11.	.00813	68	4.	.00297	69	13.	.00958	
65	50.	.03619	66	42.	.03172	67	50.	.03593	68	45.	.03316	
	1395.			1320.			1385.			1357.		

TABLE A-12.6
HDDV VEHICLE REGISTRATION FOR GALVESTON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	10.21			10.71			11.07			11.23		
MED VEH AGE	9.30			10.14			10.48			10.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	11.	.02444	90	5.	.01114	91	15.	.02600	92	16.	.02640	
88	8.	.01778	89	19.	.04232	90	15.	.02600	91	22.	.03630	
87	19.	.04222	88	10.	.02227	89	24.	.04159	90	22.	.03630	
86	17.	.03778	87	26.	.05791	88	12.	.02080	89	25.	.04125	
85	28.	.06222	86	17.	.03786	87	30.	.05199	88	16.	.02640	
84	36.	.08000	85	23.	.05122	86	25.	.04333	87	36.	.05941	
83	18.	.04000	84	35.	.07795	85	35.	.06066	86	25.	.04125	
82	26.	.05778	83	19.	.04232	84	49.	.08492	85	45.	.07426	
81	49.	.10889	82	28.	.06236	83	26.	.04506	84	53.	.08746	
80	43.	.09556	81	36.	.08018	82	36.	.06239	83	21.	.03465	
79	33.	.07333	80	47.	.10468	81	45.	.07799	82	38.	.06271	
78	38.	.08444	79	34.	.07572	80	48.	.08319	81	41.	.06766	
77	22.	.04889	78	37.	.08241	79	40.	.06932	80	42.	.06931	
76	18.	.04000	77	19.	.04232	78	43.	.07452	79	36.	.05941	
75	20.	.04444	76	14.	.03118	77	24.	.04159	78	41.	.06766	
74	18.	.04000	75	19.	.04232	76	16.	.02773	77	19.	.03135	
73	10.	.02222	74	18.	.04009	75	23.	.03986	76	16.	.02640	
72	9.	.02000	73	12.	.02673	74	21.	.03640	75	23.	.03795	
71	7.	.01556	72	6.	.01336	73	12.	.02080	74	24.	.03960	
70	5.	.01173	71	6.	.01236	72	7.	.01197	73	12.	.01980	
69	3.	.00587	70	6.	.01237	71	7.	.01197	72	6.	.00990	
68	1.	.00325	69	3.	.00619	70	7.	.01197	71	6.	.00990	
67	3.	.00657	68	2.	.00343	69	3.	.00599	70	6.	.00990	
66	0.	.00000	67	3.	.00692	68	2.	.00332	69	3.	.00495	
65	8.	.01703	66	6.	.01441	67	12.	.02064	68	12.	.01980	
	450.			449.			577.			606.		

TABLE A-13.1
AUTOMOBILE VEHICLE REGISTRATION FOR GUADALUPE COUNTY

San Antonio MSA

YEAR	1989		1990		1991		1992				
AVG VEH AGE	8.80		8.96		9.26		9.24				
MED VEH AGE	7.42		7.42		7.58		7.63				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	1591.	.05447	90	2054.	.06699	91	1586.	.05189	92	1462.	.04613
88	2631.	.09007	89	2112.	.06888	90	1902.	.06223	91	2258.	.07125
87	1868.	.06395	88	2118.	.06907	89	2114.	.06917	90	1998.	.06304
86	2041.	.06988	87	1994.	.06503	88	2179.	.07130	89	2232.	.07043
85	2059.	.07049	86	2100.	.06849	87	2069.	.06770	88	2274.	.07175
84	2130.	.07292	85	2114.	.06894	86	2085.	.06822	87	2152.	.06790
83	1571.	.05378	84	2160.	.07044	85	2115.	.06920	86	2148.	.06778
82	1702.	.05827	83	1633.	.05326	84	2110.	.06904	85	2086.	.06582
81	1791.	.06132	82	1667.	.05437	83	1488.	.04869	84	2097.	.06617
80	1638.	.05608	81	1669.	.05443	82	1547.	.05062	83	1507.	.04755
79	1840.	.06299	80	1569.	.05117	81	1530.	.05006	82	1472.	.04645
78	1756.	.06012	79	1784.	.05818	80	1377.	.04506	81	1452.	.04582
77	1365.	.04673	78	1655.	.05397	79	1619.	.05297	80	1244.	.03925
76	950.	.03252	77	1299.	.04236	78	1461.	.04780	79	1458.	.04601
75	588.	.02013	76	851.	.02775	77	1160.	.03796	78	1312.	.04140
74	618.	.02116	75	534.	.01742	76	738.	.02415	77	977.	.03083
73	561.	.01921	74	554.	.01807	75	460.	.01505	76	633.	.01997
72	464.	.01589	73	519.	.01693	74	482.	.01577	75	391.	.01234
71	334.	.01143	72	414.	.01350	73	456.	.01492	74	410.	.01294
70	237.	.00811	71	299.	.00976	72	373.	.01222	73	380.	.01199
69	250.	.00856	70	217.	.00706	71	275.	.00900	72	314.	.00991
68	300.	.01027	69	228.	.00745	70	199.	.00651	71	231.	.00729
67	147.	.00502	68	274.	.00894	69	210.	.00686	70	167.	.00527
66	98.	.00335	67	134.	.00437	68	252.	.00824	69	176.	.00555
65	680.	.02327	66	711.	.02317	67	775.	.02536	68	861.	.02717
	29209.			30663.			30562.			31692.	

TABLE A-13.2
MOTORCYCLE VEHICLE REGISTRATION FOR GUADALUPE COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.76			9.30			9.90			10.57		
MED VEH AGE	7.73			8.62			9.28			10.01		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	6.	.00743	90	22.	.02635	91	19.	.02328	92	21.	.02793	
88	19.	.02351	89	26.	.03114	90	23.	.02819	91	22.	.02926	
87	38.	.04703	88	21.	.02515	89	35.	.04289	90	21.	.02793	
86	68.	.08416	87	38.	.04551	88	27.	.03309	89	39.	.05186	
85	62.	.07673	86	71.	.08503	87	36.	.04412	88	20.	.02660	
84	54.	.06683	85	57.	.06826	86	74.	.09069	87	38.	.05053	
83	74.	.09158	84	53.	.06347	85	51.	.06250	86	73.	.09707	
82	113.	.13985	83	62.	.07425	84	57.	.06985	85	44.	.05851	
81	89.	.11015	82	109.	.13054	83	59.	.07230	84	47.	.06250	
80	75.	.09282	81	96.	.11497	82	97.	.11887	83	50.	.06649	
79	23.	.02847	80	67.	.08024	81	73.	.08946	82	87.	.11569	
78	187.	.23144	79	213.	.25509	80	265.	.32475	81	290.	.38564	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	808.			835.			816.			752.		

TABLE A-13.3
LDGT1 VEHICLE REGISTRATION FOR GUADALUPE COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	10.05		10.18		10.24		10.37				
MED VEH AGE	8.15		8.22		8.03		8.30				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	413.	.03259	90	543.	.03991	91	748.	.05319	92	588.	.04050
88	896.	.07071	89	858.	.06307	90	784.	.05575	91	956.	.06584
87	744.	.05871	88	946.	.06953	89	889.	.06322	90	815.	.05613
86	950.	.07497	87	780.	.05733	88	955.	.06791	89	921.	.06343
85	932.	.07355	86	981.	.07211	87	754.	.05362	88	955.	.06578
84	938.	.07402	85	945.	.06946	86	998.	.07097	87	775.	.05338
83	631.	.04979	84	959.	.07049	85	944.	.06713	86	1019.	.07018
82	726.	.05729	83	632.	.04645	84	942.	.06698	85	949.	.06536
81	695.	.05485	82	710.	.05219	83	612.	.04352	84	927.	.06385
80	515.	.04064	81	679.	.04991	82	663.	.04714	83	625.	.04305
79	724.	.05713	80	506.	.03719	81	630.	.04480	82	650.	.04477
78	691.	.05453	79	682.	.05013	80	482.	.03427	81	594.	.04091
77	562.	.04435	78	669.	.04917	79	627.	.04459	80	462.	.03182
76	428.	.03378	77	559.	.04109	78	641.	.04558	79	589.	.04057
75	255.	.02012	76	415.	.03050	77	507.	.03605	78	599.	.04126
74	388.	.03062	75	240.	.01764	76	370.	.02631	77	481.	.03313
73	348.	.02746	74	364.	.02675	75	211.	.01500	76	361.	.02486
72	298.	.02352	73	348.	.02558	74	312.	.02219	75	191.	.01316
71	212.	.01673	72	300.	.02205	73	320.	.02275	74	269.	.01853
70	227.	.01790	71	203.	.01494	72	283.	.02011	73	278.	.01915
69	170.	.01338	70	220.	.01617	71	190.	.01351	72	256.	.01763
68	108.	.00856	69	164.	.01208	70	206.	.01461	71	172.	.01185
67	102.	.00808	68	105.	.00773	69	154.	.01092	70	186.	.01281
66	93.	.00736	67	99.	.00729	68	98.	.00699	69	139.	.00957
65	626.	.04937	66	697.	.05123	67	744.	.05290	68	762.	.05248
	12672.			13605.			14063.			14519.	

TABLE A-13.4
LDGT2 VEHICLE REGISTRATION FOR GUADALUPE COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.99			9.36			9.51			9.65		
MED VEH AGE	7.58			8.10			8.22			8.42		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	56.	.03581	90	67.	.03925	91	65.	.03744	92	93.	.05027	
88	83.	.05307	89	99.	.05800	90	101.	.05818	91	98.	.05297	
87	53.	.03389	88	94.	.05507	89	114.	.06567	90	110.	.05946	
86	121.	.07737	87	55.	.03222	88	94.	.05415	89	118.	.06378	
85	148.	.09463	86	122.	.07147	87	58.	.03341	88	98.	.05297	
84	138.	.08824	85	156.	.09139	86	121.	.06970	87	59.	.03189	
83	107.	.06841	84	142.	.08319	85	153.	.08813	86	139.	.07514	
82	131.	.08376	83	105.	.06151	84	137.	.07892	85	152.	.08216	
81	60.	.03836	82	141.	.08260	83	112.	.06452	84	137.	.07405	
80	60.	.03836	81	72.	.04218	82	126.	.07258	83	106.	.05730	
79	110.	.07033	80	57.	.03339	81	70.	.04032	82	113.	.06108	
78	105.	.06714	79	108.	.06327	80	52.	.02995	81	66.	.03568	
77	102.	.06522	78	98.	.05741	79	96.	.05530	80	55.	.02973	
76	86.	.05499	77	102.	.05975	78	87.	.05012	79	91.	.04919	
75	52.	.03325	76	83.	.04862	77	109.	.06279	78	84.	.04541	
74	40.	.02558	75	51.	.02988	76	69.	.03975	77	101.	.05459	
73	32.	.02046	74	30.	.01757	75	43.	.02477	76	76.	.04108	
72	16.	.01023	73	37.	.02168	74	28.	.01613	75	39.	.02108	
71	9.	.00575	72	17.	.00996	73	26.	.01498	74	23.	.01243	
70	14.	.00899	71	12.	.00720	72	16.	.00916	73	26.	.01405	
69	14.	.00900	70	15.	.00880	71	10.	.00589	72	14.	.00757	
68	4.	.00248	69	15.	.00880	70	13.	.00720	71	9.	.00486	
67	3.	.00198	68	4.	.00242	69	13.	.00720	70	11.	.00595	
66	5.	.00302	67	3.	.00194	68	3.	.00198	69	11.	.00595	
65	15.	.00970	66	21.	.01244	67	20.	.01177	68	21.	.01135	
	1564.			1707.			1736.			1850.		

TABLE A-13.5
HDGT VEHICLE REGISTRATION FOR GUADALUPE COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	15.07		15.38		15.26		15.43	
MED VEH AGE	13.18		13.48		13.39		13.91	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	4.	.00527	90	4.	.00555	91	7.	.01000
88	9.	.01186	89	11.	.01526	90	6.	.00857
87	6.	.00791	88	10.	.01387	89	11.	.01571
86	27.	.03557	87	8.	.01110	88	12.	.01714
85	12.	.01581	86	28.	.03883	87	9.	.01286
84	24.	.03162	85	14.	.01942	86	28.	.04000
83	36.	.04743	84	19.	.02635	85	21.	.03000
82	38.	.05007	83	38.	.05270	84	26.	.03714
81	46.	.06061	82	38.	.05270	83	38.	.05429
80	36.	.04743	81	40.	.05548	82	35.	.05000
79	67.	.08827	80	35.	.04854	81	42.	.06000
78	37.	.04875	79	67.	.09293	80	37.	.05286
77	32.	.04216	78	34.	.04716	79	64.	.09143
76	31.	.04084	77	30.	.04161	78	36.	.05143
75	33.	.04348	76	25.	.03467	77	29.	.04143
74	34.	.04480	75	31.	.04300	76	30.	.04286
73	29.	.03821	74	36.	.04993	75	30.	.04286
72	23.	.03030	73	28.	.03883	74	30.	.04286
71	23.	.03030	72	17.	.02358	73	24.	.03429
70	26.	.03382	71	24.	.03288	72	17.	.02415
69	21.	.02750	70	22.	.03096	71	19.	.02738
68	4.	.00556	69	18.	.02517	70	18.	.02578
67	14.	.01851	68	4.	.00508	69	15.	.02095
66	22.	.02897	67	12.	.01694	68	3.	.00423
65	125.	.16496	66	128.	.17746	67	113.	.16179
	759.			721.			700.	
								650.

TABLE A-13.6
HDDV VEHICLE REGISTRATION FOR GUADALUPE COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	11.43		11.94		11.67		11.64	
MED VEH AGE	10.61		11.46		11.37		10.78	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	8.	.02974	91	4.	.01504
88	7.	.02632	89	2.	.00743	90	11.	.04135
87	4.	.01504	88	8.	.02974	89	3.	.01128
86	7.	.02632	87	5.	.01859	88	8.	.03008
85	8.	.03008	86	11.	.04089	87	6.	.02256
84	21.	.07895	85	6.	.02230	86	13.	.04887
83	11.	.04135	84	19.	.07063	85	11.	.04135
82	14.	.05263	83	12.	.04461	84	25.	.09398
81	16.	.06015	82	13.	.04833	83	13.	.04887
80	20.	.07519	81	13.	.04833	82	17.	.06391
79	41.	.15414	80	19.	.07063	81	15.	.05639
78	19.	.07143	79	40.	.14870	80	19.	.07143
77	22.	.08271	78	16.	.05948	79	35.	.13158
76	13.	.04887	77	19.	.07063	78	13.	.04887
75	5.	.01880	76	14.	.05204	77	17.	.06391
74	13.	.04887	75	9.	.03346	76	10.	.03759
73	17.	.06391	74	13.	.04833	75	7.	.02632
72	8.	.03008	73	17.	.06320	74	7.	.02632
71	7.	.02632	72	6.	.02230	73	13.	.04887
70	4.	.01395	71	4.	.01568	72	6.	.02196
69	4.	.01396	70	4.	.01569	71	3.	.01099
68	0.	.00133	69	4.	.01570	70	3.	.01099
67	2.	.00605	68	0.	.00149	69	3.	.01099
66	1.	.00428	67	2.	.00681	68	0.	.00105
65	2.	.00929	66	4.	.01526	67	4.	.01545
	266.			269.			266.	
								257.

TABLE A-14.1
AUTOMOBILE VEHICLE REGISTRATION FOR HARDIN COUNTY

Beaumont - Port Arthur MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.01			8.08			8.12			8.07		
MED VEH AGE	6.64			6.61			6.73			6.71		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	917.	.04998	90	967.	.05187	91	1036.	.05829	92	1030.	.05597	
88	1526.	.08317	89	1589.	.08523	90	1446.	.08136	91	1530.	.08314	
87	1439.	.07842	88	1474.	.07906	89	1548.	.08710	90	1528.	.08303	
86	1395.	.07603	87	1409.	.07557	88	1373.	.07726	89	1564.	.08499	
85	1596.	.08698	86	1402.	.07520	87	1240.	.06977	88	1420.	.07716	
84	1582.	.08622	85	1558.	.08357	86	1244.	.07000	87	1241.	.06743	
83	1124.	.06126	84	1511.	.08104	85	1363.	.07669	86	1251.	.06798	
82	1160.	.06322	83	1086.	.05825	84	1304.	.07337	85	1346.	.07314	
81	1198.	.06529	82	1056.	.05664	83	950.	.05345	84	1278.	.06945	
80	1022.	.05570	81	1092.	.05857	82	930.	.05233	83	912.	.04956	
79	1184.	.06453	80	950.	.05095	81	919.	.05171	82	850.	.04619	
78	1141.	.06218	79	1085.	.05820	80	795.	.04473	81	791.	.04298	
77	863.	.04703	78	957.	.05133	79	873.	.04912	80	673.	.03657	
76	560.	.03052	77	701.	.03760	78	758.	.04265	79	752.	.04086	
75	298.	.01624	76	432.	.02317	77	570.	.03207	78	647.	.03516	
74	274.	.01493	75	233.	.01250	76	349.	.01964	77	477.	.02592	
73	214.	.01166	74	209.	.01121	75	183.	.01030	76	268.	.01456	
72	170.	.00926	73	191.	.01024	74	159.	.00895	75	134.	.00728	
71	121.	.00659	72	141.	.00756	73	137.	.00771	74	116.	.00630	
70	91.	.00494	71	96.	.00514	72	112.	.00632	73	92.	.00500	
69	64.	.00350	70	81.	.00435	71	77.	.00433	72	95.	.00516	
68	14.	.00077	69	57.	.00308	70	65.	.00366	71	65.	.00353	
67	45.	.00244	68	13.	.00067	69	46.	.00260	70	55.	.00299	
66	74.	.00401	67	40.	.00215	68	10.	.00057	69	39.	.00212	
65	278.	.01513	66	314.	.01685	67	284.	.01601	68	249.	.01353	
	18349.			18644.			17772.			18403.		

TABLE A-14.2
MOTORCYCLE VEHICLE REGISTRATION FOR HARDIN COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	9.02		9.41		9.40		10.52				
MED VEH AGE	8.24		8.55		9.03		10.17				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	2.	.00331	91	4.	.01146	92	4.	.01351
88	6.	.01626	89	16.	.02645	90	8.	.02292	91	10.	.03378
87	10.	.02710	88	29.	.04793	89	22.	.06304	90	10.	.03378
86	26.	.07046	87	28.	.04628	88	15.	.04298	89	24.	.08108
85	32.	.08672	86	50.	.08264	87	16.	.04585	88	10.	.03378
84	21.	.05691	85	55.	.09091	86	23.	.06590	87	11.	.03716
83	27.	.07317	84	37.	.06116	85	39.	.11175	86	18.	.06081
82	50.	.13550	83	44.	.07273	84	27.	.07736	85	25.	.08446
81	53.	.14363	82	76.	.12562	83	19.	.05444	84	18.	.06081
80	49.	.13279	81	49.	.08099	82	46.	.13181	83	11.	.03716
79	20.	.05420	80	58.	.09587	81	35.	.10029	82	41.	.13851
78	75.	.20325	79	161.	.26612	80	95.	.27221	81	114.	.38514
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	369.			605.			349.			296.	

TABLE A-14.3
LDGT1 VEHICLE REGISTRATION FOR HARDIN COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.05		8.11		8.29		8.25	
MED VEH AGE	6.27		6.37		6.62		6.47	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	1075.	.09156	90	1168.	.09922	91	966.	.08328
88	1171.	.09974	89	1166.	.09905	90	960.	.08276
87	772.	.06575	88	935.	.07943	89	1100.	.09483
86	842.	.07171	87	719.	.06108	88	922.	.07948
85	833.	.07095	86	798.	.06779	87	649.	.05595
84	1017.	.08662	85	775.	.06583	86	763.	.06578
83	587.	.05000	84	888.	.07543	85	711.	.06129
82	728.	.06200	83	544.	.04621	84	806.	.06948
81	723.	.06158	82	629.	.05343	83	498.	.04293
80	516.	.04395	81	614.	.05216	82	612.	.05276
79	646.	.05502	80	450.	.03823	81	580.	.05000
78	593.	.05051	79	581.	.04935	80	380.	.03276
77	457.	.03892	78	538.	.04570	79	491.	.04233
76	363.	.03092	77	418.	.03551	78	479.	.04129
75	190.	.01618	76	298.	.02531	77	387.	.03336
74	182.	.01550	75	165.	.01402	76	257.	.02216
73	180.	.01533	74	168.	.01427	75	135.	.01164
72	145.	.01235	73	151.	.01283	74	137.	.01181
71	115.	.00979	72	133.	.01130	73	123.	.01060
70	113.	.00959	71	108.	.00913	72	116.	.01000
69	102.	.00865	70	98.	.00831	71	90.	.00772
68	20.	.00172	69	88.	.00749	70	82.	.00703
67	43.	.00367	68	18.	.00149	69	73.	.00633
66	56.	.00474	67	37.	.00318	68	15.	.00126
65	273.	.02325	66	285.	.02425	67	269.	.02319
	11741.			11772.			11600.	
								12229.

TABLE A-14.4
LDGT2 VEHICLE REGISTRATION FOR HARDIN COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.49		7.79		8.27		7.76	
MED VEH AGE	5.88		6.44		6.89		6.40	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	142.	.13197	90	143.	.12825	91	97.	.09265
88	114.	.10595	89	103.	.09238	90	99.	.09456
87	35.	.03253	88	80.	.07175	89	84.	.08023
86	87.	.08086	87	34.	.03049	88	69.	.06590
85	75.	.06970	86	85.	.07623	87	38.	.03629
84	97.	.09015	85	72.	.06457	86	73.	.06972
83	66.	.06134	84	93.	.08341	85	71.	.06781
82	69.	.06413	83	65.	.05830	84	83.	.07927
81	34.	.03160	82	71.	.06368	83	51.	.04871
80	48.	.04461	81	31.	.02780	82	64.	.06113
79	51.	.04740	80	40.	.03587	81	29.	.02770
78	47.	.04368	79	54.	.04843	80	33.	.03152
77	58.	.05390	78	52.	.04664	79	41.	.03916
76	37.	.03439	77	46.	.04126	78	47.	.04489
75	31.	.02881	76	45.	.04036	77	35.	.03343
74	19.	.01766	75	27.	.02422	76	36.	.03438
73	16.	.01487	74	17.	.01525	75	21.	.02006
72	9.	.00836	73	15.	.01345	74	16.	.01528
71	10.	.00929	72	6.	.00538	73	13.	.01242
70	9.	.00864	71	10.	.00922	72	11.	.01092
69	12.	.01152	70	8.	.00692	71	10.	.00971
68	1.	.00071	69	10.	.00922	70	8.	.00728
67	1.	.00128	68	1.	.00057	69	10.	.00971
66	0.	.00031	67	1.	.00103	68	1.	.00060
65	7.	.00634	66	6.	.00532	67	7.	.00668
	1076.			1115.			1047.	
								1141.

TABLE A-14.5
HDGV VEHICLE REGISTRATION FOR HARDIN COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	12.08		12.49			12.57			12.45		
MED VEH AGE	10.58		11.49			11.69			11.64		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	8.	.01831	90	11.	.02418	91	17.	.04485	92	13.	.03476
88	12.	.02746	89	13.	.02857	90	12.	.03166	91	15.	.04011
87	12.	.02746	88	14.	.03077	89	11.	.02902	90	14.	.03743
86	7.	.01602	87	23.	.05055	88	11.	.02902	89	16.	.04278
85	27.	.06178	86	8.	.01758	87	10.	.02639	88	13.	.03476
84	22.	.05034	85	21.	.04615	86	7.	.01847	87	6.	.01604
83	8.	.01831	84	18.	.03956	85	22.	.05805	86	8.	.02139
82	37.	.08467	83	12.	.02637	84	23.	.06069	85	19.	.05080
81	34.	.07780	82	35.	.07692	83	8.	.02111	84	23.	.06150
80	27.	.06178	81	32.	.07033	82	28.	.07388	83	10.	.02674
79	42.	.09611	80	23.	.05055	81	26.	.06860	82	34.	.09091
78	37.	.08467	79	36.	.07912	80	21.	.05541	81	25.	.06684
77	15.	.03432	78	41.	.09011	79	29.	.07652	80	22.	.05882
76	19.	.04348	77	19.	.04176	78	31.	.08179	79	29.	.07754
75	21.	.04805	76	11.	.02418	77	11.	.02902	78	27.	.07219
74	15.	.03432	75	24.	.05275	76	12.	.03166	77	10.	.02674
73	18.	.04119	74	19.	.04176	75	16.	.04222	76	11.	.02941
72	10.	.02288	73	20.	.04396	74	12.	.03166	75	12.	.03209
71	3.	.00686	72	13.	.02857	73	12.	.03166	74	8.	.02139
70	11.	.02452	71	6.	.01388	72	12.	.03212	73	10.	.02674
69	14.	.03269	70	9.	.02081	71	5.	.01285	72	10.	.02674
68	0.	.00000	69	13.	.02775	70	7.	.01927	71	4.	.01070
67	1.	.00121	68	0.	.00000	69	10.	.02570	70	6.	.01604
66	10.	.02222	67	0.	.00103	68	0.	.00000	69	8.	.02139
65	28.	.06352	66	33.	.07279	67	26.	.06836	68	21.	.05615
	437.			455.			379.			374.	

TABLE A-14.6
HDDV VEHICLE REGISTRATION FOR HARDIN COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	10.87		10.49			11.21			12.36		
MED VEH AGE	10.31		10.21			11.08			12.41		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	4.	.02516	91	3.	.02344	92	1.	.00813
88	4.	.02985	89	7.	.04403	90	2.	.01563	91	4.	.03252
87	1.	.00746	88	4.	.02516	89	4.	.03125	90	3.	.02439
86	4.	.02985	87	5.	.03145	88	3.	.02344	89	3.	.02439
85	12.	.08955	86	9.	.05660	87	0.	.00000	88	2.	.01626
84	6.	.04478	85	14.	.08805	86	5.	.03906	87	1.	.00813
83	4.	.02985	84	11.	.06918	85	16.	.12500	86	2.	.01626
82	6.	.04478	83	4.	.02516	84	8.	.06250	85	14.	.11382
81	16.	.11940	82	6.	.03774	83	6.	.04688	84	9.	.07317
80	10.	.07463	81	13.	.08176	82	6.	.04688	83	5.	.04065
79	13.	.09701	80	12.	.07547	81	10.	.07813	82	6.	.04878
78	19.	.14179	79	13.	.08176	80	12.	.09375	81	7.	.05691
77	2.	.01493	78	19.	.11950	79	10.	.07813	80	11.	.08943
76	6.	.04478	77	2.	.01258	78	18.	.14063	79	7.	.05691
75	6.	.04478	76	6.	.03774	77	3.	.02344	78	22.	.17886
74	8.	.05970	75	6.	.03774	76	4.	.03125	77	3.	.02439
73	7.	.05224	74	7.	.04403	75	5.	.03906	76	4.	.03252
72	3.	.02239	73	7.	.04403	74	4.	.03125	75	4.	.03252
71	1.	.00746	72	5.	.03145	73	4.	.03125	74	5.	.04065
70	4.	.02985	71	0.	.00000	72	3.	.01953	73	4.	.03252
69	2.	.01493	70	3.	.02096	71	0.	.00000	72	3.	.02439
68	0.	.00000	69	2.	.01048	70	2.	.01302	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	1.	.00651	70	2.	.01626
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	1.	.00813
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	134.			159.			128.			123.	

TABLE A-15.1
AUTOMOBILE VEHICLE REGISTRATION FOR HARRIS COUNTY

Houston MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	7.70			7.72			7.72			7.75		
MED VEH AGE	6.33			6.32			6.34			6.40		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	81147.	.05597	90	110475.	.07320	91	143000.	.08832	92	119151.	.07524	
88	138384.	.09544	89	136596.	.09051	90	137957.	.08520	91	144298.	.09112	
87	117109.	.08077	88	125336.	.08305	89	129975.	.08027	90	124927.	.07889	
86	116893.	.08062	87	112720.	.07469	88	127016.	.07845	89	126017.	.07958	
85	124396.	.08579	86	113126.	.07496	87	114849.	.07093	88	122807.	.07755	
84	119946.	.08272	85	119614.	.07926	86	115072.	.07107	87	110662.	.06988	
83	83237.	.05741	84	115410.	.07647	85	120991.	.07472	86	110387.	.06971	
82	94883.	.06544	83	80012.	.05302	84	115826.	.07153	85	114665.	.07241	
81	94354.	.06507	82	90023.	.05965	83	79846.	.04931	84	107693.	.06801	
80	82090.	.05662	81	87936.	.05827	82	86656.	.05352	83	73343.	.04632	
79	93514.	.06449	80	74438.	.04932	81	82078.	.05069	82	75833.	.04789	
78	83178.	.05737	79	83911.	.05560	80	67293.	.04156	81	69003.	.04358	
77	62124.	.04285	78	72414.	.04798	79	74628.	.04609	80	54682.	.03453	
76	41123.	.02836	77	53211.	.03526	78	63037.	.03893	79	59688.	.03769	
75	22424.	.01547	76	33676.	.02231	77	44926.	.02775	78	49184.	.03106	
74	19461.	.01342	75	18009.	.01193	76	27814.	.01718	77	33856.	.02138	
73	16312.	.01125	74	15784.	.01046	75	14774.	.00912	76	20478.	.01293	
72	12547.	.00865	73	13466.	.00892	74	13045.	.00806	75	10722.	.00677	
71	8438.	.00582	72	10620.	.00704	73	11277.	.00696	74	9580.	.00605	
70	6367.	.00439	71	6693.	.00444	72	9048.	.00559	73	8455.	.00534	
69	5617.	.00387	70	5924.	.00393	71	6331.	.00391	72	7039.	.00445	
68	5271.	.00364	69	5223.	.00346	70	5599.	.00346	71	4919.	.00311	
67	5857.	.00404	68	4900.	.00325	69	4934.	.00305	70	4347.	.00275	
66	1419.	.00098	67	5443.	.00361	68	4627.	.00286	69	3829.	.00242	
65	13866.	.00956	66	14206.	.00941	67	18553.	.01146	68	17980.	.01135	
	1449957.			1509166.			1619152.			1583545.		

TABLE A-15.2
MOTORCYCLE VEHICLE REGISTRATION FOR HARRIS COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	7.85		8.38		8.94		9.53				
MED VEH AGE	6.95		7.51		8.17		8.59				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	617.	.02036	90	735.	.02521	91	854.	.03007	92	956.	.04070
88	1921.	.06340	89	1645.	.05643	90	1207.	.04250	91	995.	.04236
87	2684.	.08859	88	1881.	.06453	89	1841.	.06483	90	1080.	.04598
86	3241.	.10697	87	2317.	.07949	88	1628.	.05733	89	1526.	.06497
85	2756.	.09096	86	2855.	.09794	87	1907.	.06715	88	1259.	.05360
84	1803.	.05951	85	2455.	.08422	86	2609.	.09188	87	1458.	.06207
83	2235.	.07377	84	1643.	.05636	85	2258.	.07952	86	1993.	.08485
82	3147.	.10387	83	2057.	.07057	84	1564.	.05508	85	1753.	.07463
81	2364.	.07802	82	2829.	.09705	83	1944.	.06846	84	1220.	.05194
80	2225.	.07344	81	2137.	.07331	82	2704.	.09522	83	1523.	.06484
79	1543.	.05093	80	2036.	.06985	81	1962.	.06909	82	2118.	.09017
78	5762.	.19018	79	6560.	.22504	80	7919.	.27887	81	7607.	.32387
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	30298.			29150.			28397.			23488.	

TABLE A-15.3
LDGT1 VEHICLE REGISTRATION FOR HARRIS COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	7.89		8.01		8.05		8.16				
MED VEH AGE	6.09		6.31		6.47		6.66				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	20206.	.04931	90	24912.	.05738	91	37708.	.07902	92	30141.	.06397
88	39715.	.09691	89	41713.	.09608	90	38910.	.08154	91	40384.	.08570
87	32081.	.07828	88	37847.	.08717	89	41369.	.08669	90	37292.	.07914
86	36023.	.08790	87	30958.	.07131	88	38081.	.07980	89	39679.	.08421
85	37776.	.09218	86	34620.	.07974	87	31099.	.06517	88	36690.	.07787
84	37119.	.09058	85	36090.	.08313	86	34553.	.07241	87	29846.	.06334
83	22484.	.05487	84	35442.	.08163	85	36153.	.07576	86	32792.	.06959
82	28586.	.06976	83	21407.	.04931	84	35376.	.07413	85	34153.	.07248
81	24801.	.06052	82	26964.	.06211	83	21306.	.04465	84	32984.	.07000
80	16735.	.04084	81	23361.	.05381	82	26523.	.05558	83	19694.	.04180
79	22346.	.05453	80	15482.	.03566	81	22816.	.04781	82	24005.	.05094
78	20879.	.05095	79	20776.	.04785	80	14944.	.03132	81	20073.	.04260
77	16185.	.03949	78	19149.	.04411	79	19649.	.04118	80	12787.	.02714
76	11744.	.02866	77	14874.	.03426	78	18065.	.03786	79	16708.	.03546
75	6511.	.01589	76	10721.	.02469	77	13819.	.02896	78	15169.	.03219
74	6597.	.01610	75	5883.	.01355	76	9811.	.02056	77	11263.	.02390
73	5660.	.01381	74	5926.	.01365	75	5309.	.01113	76	7831.	.01662
72	5115.	.01248	73	5038.	.01160	74	5436.	.01139	75	4216.	.00895
71	3399.	.00829	72	4706.	.01084	73	4604.	.00965	74	4258.	.00904
70	3013.	.00735	71	3097.	.00713	72	4472.	.00937	73	3629.	.00770
69	2618.	.00639	70	2890.	.00666	71	2914.	.00611	72	3633.	.00771
68	780.	.00190	69	2511.	.00578	70	2719.	.00570	71	2367.	.00502
67	2464.	.00601	68	748.	.00172	69	2362.	.00495	70	2208.	.00469
66	782.	.00191	67	2363.	.00544	68	704.	.00147	69	1918.	.00407
65	6185.	.01509	66	6681.	.01539	67	8506.	.01782	68	7478.	.01587
	409805.			434160.			477207.			471198.	

TABLE A-15.4
LDGT2 VEHICLE REGISTRATION FOR HARRIS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.23			8.29			8.32			8.33		
MED VEH AGE	7.14			7.05			7.22			7.29		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1999.	.04968	90	2597.	.06155	91	3696.	.08188	92	3712.	.08302	
88	3280.	.08151	89	3766.	.08925	90	3592.	.07958	91	3793.	.08484	
87	1925.	.04784	88	3231.	.07657	89	3630.	.08042	90	3372.	.07542	
86	2995.	.07443	87	1838.	.04356	88	3142.	.06961	89	3426.	.07663	
85	3451.	.08576	86	2833.	.06714	87	1786.	.03957	88	2938.	.06571	
84	3638.	.09041	85	3293.	.07804	86	2732.	.06053	87	1663.	.03720	
83	2409.	.05987	84	3415.	.08093	85	3244.	.07187	86	2561.	.05728	
82	2998.	.07451	83	2342.	.05550	84	3364.	.07453	85	3040.	.06799	
81	1844.	.04583	82	2838.	.06726	83	2325.	.05151	84	3134.	.07010	
80	1840.	.04573	81	1733.	.04107	82	2805.	.06214	83	2141.	.04789	
79	3397.	.08442	80	1782.	.04223	81	1681.	.03724	82	2471.	.05527	
78	2521.	.06265	79	3152.	.07470	80	1715.	.03799	81	1496.	.03346	
77	2515.	.06250	78	2261.	.05358	79	2947.	.06529	80	1493.	.03339	
76	1877.	.04665	77	2253.	.05339	78	2088.	.04626	79	2491.	.05571	
75	1121.	.02786	76	1678.	.03977	77	2050.	.04542	78	1789.	.04001	
74	715.	.01777	75	1046.	.02479	76	1492.	.03305	77	1695.	.03791	
73	452.	.01123	74	631.	.01495	75	931.	.02063	76	1230.	.02751	
72	241.	.00599	73	432.	.01024	74	576.	.01276	75	753.	.01684	
71	231.	.00574	72	202.	.00479	73	377.	.00835	74	443.	.00991	
70	173.	.00430	71	205.	.00486	72	193.	.00427	73	294.	.00658	
69	133.	.00331	70	146.	.00347	71	182.	.00403	72	155.	.00347	
68	38.	.00095	69	113.	.00267	70	129.	.00287	71	146.	.00327	
67	111.	.00276	68	32.	.00077	69	100.	.00221	70	104.	.00233	
66	52.	.00129	67	94.	.00222	68	29.	.00063	69	80.	.00179	
65	282.	.00700	66	282.	.00668	67	333.	.00737	68	290.	.00649	
	40238.			42195.			45138.			44710.		

TABLE A-15.5
HDGT VEHICLE REGISTRATION FOR HARRIS COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	9.30		9.35		9.40		9.46	
MED VEH AGE	8.38		8.55		8.39		8.29	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	802.	.03252	90	1188.	.04692	91	1456.	.05602
88	1589.	.06442	89	1656.	.06541	90	1851.	.07122
87	1234.	.05003	88	1591.	.06284	89	1725.	.06637
86	1364.	.05530	87	1305.	.05154	88	1566.	.06026
85	1681.	.06815	86	1387.	.05478	87	1286.	.04948
84	1853.	.07513	85	1694.	.06691	86	1444.	.05556
83	1092.	.04427	84	1735.	.06853	85	1588.	.06110
82	2059.	.08348	83	1027.	.04056	84	1696.	.06526
81	1719.	.06969	82	1941.	.07666	83	974.	.03748
80	1589.	.06442	81	1590.	.06280	82	1798.	.06918
79	2105.	.08534	80	1461.	.05771	81	1458.	.05610
78	1757.	.07123	79	1950.	.07702	80	1333.	.05129
77	1242.	.05035	78	1598.	.06312	79	1742.	.06703
76	802.	.03252	77	1154.	.04558	78	1430.	.05502
75	726.	.02943	76	716.	.02828	77	995.	.03829
74	662.	.02684	75	636.	.02512	76	620.	.02386
73	618.	.02506	74	586.	.02315	75	607.	.02336
72	443.	.01796	73	556.	.02196	74	513.	.01974
71	319.	.01293	72	387.	.01529	73	479.	.01843
70	222.	.00901	71	297.	.01174	72	351.	.01352
69	240.	.00974	70	190.	.00751	71	276.	.01062
68	35.	.00142	69	205.	.00811	70	176.	.00679
67	122.	.00494	68	30.	.00118	69	191.	.00733
66	37.	.00152	67	104.	.00412	68	28.	.00107
65	352.	.01428	66	333.	.01316	67	406.	.01562
	24665.			25318.			25989.	
								25126.

TABLE A-15.6
HDDV VEHICLE REGISTRATION FOR HARRIS COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.58		8.66		8.72		9.01	
MED VEH AGE	7.96		8.18		7.80		8.13	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	434.	.03772	90	865.	.06470	91	924.	.06178
88	714.	.06205	89	849.	.06351	90	1142.	.07636
87	691.	.06005	88	735.	.05498	89	898.	.06004
86	704.	.06118	87	722.	.05401	88	828.	.05536
85	842.	.07317	86	758.	.05670	87	783.	.05235
84	903.	.07847	85	1029.	.07697	86	883.	.05904
83	563.	.04893	84	989.	.07398	85	1153.	.07709
82	944.	.08204	83	567.	.04241	84	1082.	.07235
81	1107.	.09620	82	934.	.06986	83	579.	.03871
80	739.	.06422	81	1213.	.09073	82	1016.	.06793
79	1046.	.09090	80	838.	.06268	81	1155.	.07723
78	719.	.06248	79	1072.	.08019	80	873.	.05837
77	586.	.05093	78	766.	.05730	79	1053.	.07041
76	259.	.02251	77	588.	.04398	78	735.	.04914
75	298.	.02590	76	264.	.01975	77	529.	.03537
74	273.	.02372	75	277.	.02072	76	257.	.01718
73	238.	.02068	74	280.	.02094	75	265.	.01772
72	128.	.01112	73	214.	.01601	74	253.	.01692
71	82.	.00713	72	130.	.00972	73	204.	.01364
70	70.	.00612	71	58.	.00435	72	104.	.00695
69	61.	.00529	70	66.	.00491	71	50.	.00335
68	10.	.00089	69	57.	.00424	70	56.	.00378
67	29.	.00252	68	10.	.00071	69	49.	.00326
66	17.	.00150	67	27.	.00202	68	8.	.00055
65	49.	.00428	66	62.	.00463	67	77.	.00512
	11507.			13369.			14956.	
								14984.

TABLE A-16.1
AUTOMOBILE VEHICLE REGISTRATION FOR HAYS COUNTY

Austin MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.79			8.91			8.86			8.80		
MED VEH AGE	7.30			7.19			7.17			7.25		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	672.	.02508	90	843.	.03147	91	1455.	.05019	92	1205.	.04125	
88	1724.	.06433	89	1806.	.06742	90	1992.	.06871	91	2325.	.07958	
87	2051.	.07654	88	1973.	.07366	89	2161.	.07454	90	2121.	.07260	
86	2151.	.08027	87	1976.	.07377	88	2059.	.07102	89	2229.	.07630	
85	2387.	.08907	86	2070.	.07728	87	2032.	.07009	88	2072.	.07092	
84	2338.	.08725	85	2273.	.08486	86	2127.	.07337	87	2002.	.06853	
83	1563.	.05833	84	2181.	.08142	85	2297.	.07923	86	2103.	.07198	
82	1691.	.06310	83	1458.	.05443	84	2143.	.07392	85	2246.	.07688	
81	1764.	.06583	82	1500.	.05600	83	1448.	.04994	84	2009.	.06877	
80	1580.	.05896	81	1601.	.05977	82	1480.	.05105	83	1381.	.04727	
79	1621.	.06049	80	1374.	.05130	81	1514.	.05222	82	1347.	.04611	
78	1572.	.05866	79	1498.	.05592	80	1263.	.04356	81	1344.	.04600	
77	1245.	.04646	78	1397.	.05215	79	1393.	.04805	80	1052.	.03601	
76	903.	.03370	77	1059.	.03954	78	1249.	.04308	79	1228.	.04203	
75	490.	.01828	76	706.	.02636	77	929.	.03204	78	1046.	.03580	
74	535.	.01996	75	405.	.01512	76	648.	.02235	77	749.	.02564	
73	474.	.01769	74	424.	.01583	75	352.	.01214	76	533.	.01824	
72	393.	.01467	73	414.	.01546	74	349.	.01204	75	275.	.00941	
71	278.	.01037	72	348.	.01299	73	375.	.01293	74	271.	.00928	
70	203.	.00756	71	211.	.00787	72	283.	.00975	73	287.	.00982	
69	166.	.00619	70	188.	.00703	71	206.	.00710	72	228.	.00780	
68	223.	.00831	69	154.	.00575	70	184.	.00634	71	166.	.00568	
67	199.	.00742	68	207.	.00772	69	150.	.00518	70	148.	.00507	
66	14.	.00053	67	185.	.00690	68	202.	.00695	69	121.	.00414	
65	562.	.02097	66	535.	.01998	67	702.	.02421	68	727.	.02488	
	26798.			26786.			28992.			29215.		

TABLE A-16.2
MOTORCYCLE VEHICLE REGISTRATION FOR HAYS COUNTY

YEAR	1989			1990			1991			1992	
AVG VEH AGE	8.61			9.32			10.14			11.17	
MED VEH AGE	7.44			8.30			9.27			10.19	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	15.	.01308	90	11.	.01109	91	5.	.00517	92	13.	.01544
88	21.	.01831	89	17.	.01714	90	27.	.02789	91	9.	.01069
87	40.	.03487	88	29.	.02923	89	23.	.02376	90	28.	.03325
86	102.	.08893	87	61.	.06149	88	26.	.02686	89	24.	.02850
85	117.	.10201	86	73.	.07359	87	47.	.04855	88	21.	.02494
84	97.	.08457	85	106.	.10685	86	81.	.08368	87	39.	.04632
83	111.	.09677	84	68.	.06855	85	91.	.09401	86	71.	.08432
82	160.	.13949	83	89.	.08972	84	65.	.06715	85	67.	.07957
81	110.	.09590	82	140.	.14113	83	86.	.08884	84	54.	.06413
80	75.	.06539	81	85.	.08569	82	121.	.12500	83	77.	.09145
79	59.	.05144	80	67.	.06754	81	87.	.08988	82	96.	.11401
78	240.	.20924	79	246.	.24798	80	309.	.31921	81	343.	.40736
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	1147.			992.			968.			842.	

TABLE A-16.3
LDGT1 VEHICLE REGISTRATION FOR HAYS COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	9.43		9.54		9.60		9.53				
MED VEH AGE	7.35		7.37		7.44		7.58				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	314.	.02700	90	490.	.04177	91	758.	.06034	92	666.	.05276
88	777.	.06680	89	784.	.06683	90	829.	.06599	91	958.	.07589
87	741.	.06371	88	798.	.06802	89	856.	.06814	90	847.	.06709
86	1043.	.08967	87	707.	.06027	88	796.	.06337	89	840.	.06654
85	1037.	.08916	86	1020.	.08695	87	731.	.05819	88	805.	.06377
84	938.	.08065	85	955.	.08141	86	1001.	.07968	87	713.	.05648
83	705.	.06061	84	874.	.07450	85	934.	.07435	86	948.	.07510
82	753.	.06474	83	640.	.05456	84	864.	.06878	85	928.	.07351
81	721.	.06199	82	680.	.05797	83	579.	.04609	84	804.	.06369
80	448.	.03852	81	615.	.05243	82	640.	.05095	83	571.	.04523
79	570.	.04901	80	391.	.03333	81	591.	.04705	82	588.	.04658
78	567.	.04875	79	516.	.04399	80	368.	.02929	81	537.	.04254
77	460.	.03955	78	514.	.04382	79	504.	.04012	80	347.	.02749
76	382.	.03284	77	405.	.03452	78	490.	.03901	79	431.	.03414
75	224.	.01926	76	356.	.03035	77	392.	.03121	78	432.	.03422
74	262.	.02253	75	180.	.01534	76	331.	.02635	77	348.	.02757
73	267.	.02296	74	241.	.02054	75	163.	.01298	76	298.	.02361
72	260.	.02235	73	245.	.02088	74	234.	.01863	75	139.	.01101
71	167.	.01436	72	235.	.02003	73	223.	.01775	74	198.	.01568
70	130.	.01115	71	164.	.01397	72	209.	.01667	73	189.	.01497
69	151.	.01302	70	120.	.01024	71	161.	.01285	72	170.	.01347
68	66.	.00568	69	140.	.01195	70	118.	.00942	71	131.	.01038
67	157.	.01350	68	61.	.00521	69	138.	.01099	70	96.	.00760
66	12.	.00100	67	145.	.01239	68	60.	.00479	69	112.	.00887
65	479.	.04120	66	454.	.03873	67	591.	.04702	68	528.	.04183
	11631.			11731.			12562.			12624.	

TABLE A-16.4
LDGT2 VEHICLE REGISTRATION FOR HAYS COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	7.99		8.34		8.48		8.33				
MED VEH AGE	6.21		6.67		7.14		7.13				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	57.	.04113	90	73.	.05207	91	80.	.05525	92	106.	.07481
88	115.	.08297	89	91.	.06491	90	120.	.08287	91	106.	.07481
87	71.	.05123	88	110.	.07846	89	82.	.05663	90	108.	.07622
86	122.	.08802	87	68.	.04850	88	113.	.07804	89	84.	.05928
85	155.	.11183	86	122.	.08702	87	66.	.04558	88	108.	.07622
84	153.	.11039	85	140.	.09986	86	115.	.07942	87	64.	.04517
83	94.	.06782	84	145.	.10342	85	128.	.08840	86	117.	.08257
82	93.	.06710	83	78.	.05563	84	139.	.09599	85	116.	.08186
81	44.	.03175	82	87.	.06205	83	81.	.05594	84	112.	.07904
80	45.	.03247	81	44.	.03138	82	88.	.06077	83	72.	.05081
79	99.	.07143	80	37.	.02639	81	37.	.02555	82	76.	.05363
78	68.	.04906	79	93.	.06633	80	38.	.02624	81	27.	.01905
77	63.	.04545	78	63.	.04494	79	77.	.05318	80	33.	.02329
76	70.	.05051	77	64.	.04565	78	63.	.04351	79	60.	.04234
75	29.	.02092	76	64.	.04565	77	64.	.04420	78	54.	.03811
74	31.	.02237	75	26.	.01854	76	51.	.03522	77	52.	.03670
73	23.	.01659	74	29.	.02068	75	23.	.01588	76	42.	.02964
72	13.	.00938	73	20.	.01427	74	25.	.01727	75	19.	.01341
71	4.	.00289	72	8.	.00571	73	16.	.01105	74	22.	.01553
70	17.	.01213	71	3.	.00238	72	7.	.00500	73	10.	.00706
69	10.	.00728	70	17.	.01189	71	3.	.00200	72	5.	.00353
68	1.	.00050	69	10.	.00713	70	14.	.01000	71	2.	.00141
67	3.	.00225	68	1.	.00049	69	9.	.00600	70	10.	.00706
66	1.	.00064	67	3.	.00220	68	1.	.00041	69	6.	.00423
65	5.	.00390	66	6.	.00444	67	8.	.00559	68	6.	.00423
	1386.			1402.			1448.			1417.	

HDGT VEHICLE REGISTRATION FOR HAYS COUNTY

1989			1990			1991			1992		
AVG VEH AGE	12.54		12.93			13.22			12.59		
MED VEH AGE	10.78		11.64			11.89			10.65		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	7.	.01318	90	23.	.04536	91	28.	.05469	92	30.	.06522
88	13.	.02448	89	11.	.02170	90	12.	.02344	91	18.	.03913
87	13.	.02448	88	16.	.03156	89	9.	.01758	90	13.	.02826
86	22.	.04143	87	14.	.02761	88	16.	.03125	89	10.	.02174
85	35.	.06591	86	17.	.03353	87	19.	.03711	88	13.	.02826
84	47.	.08851	85	31.	.06114	86	14.	.02734	87	20.	.04348
83	25.	.04708	84	38.	.07495	85	30.	.05859	86	15.	.03261
82	30.	.05650	83	21.	.04142	84	42.	.08203	85	30.	.06522
81	22.	.04143	82	21.	.04142	83	24.	.04688	84	41.	.08913
80	22.	.04143	81	20.	.03945	82	21.	.04102	83	25.	.05435
79	38.	.07156	80	19.	.03748	81	24.	.04688	82	23.	.05000
78	24.	.04520	79	35.	.06903	80	19.	.03711	81	25.	.05435
77	24.	.04520	78	26.	.05128	79	32.	.06250	80	16.	.03478
76	22.	.04143	77	15.	.02959	78	16.	.03125	79	8.	.01739
75	23.	.04331	76	23.	.04536	77	17.	.03320	78	16.	.03478
74	12.	.02260	75	25.	.04931	76	20.	.03906	77	11.	.02391
73	20.	.03766	74	15.	.02959	75	22.	.04297	76	16.	.03478
72	20.	.03766	73	16.	.03156	74	10.	.01953	75	18.	.03913
71	17.	.03202	72	20.	.03945	73	22.	.04297	74	10.	.02174
70	15.	.02909	71	13.	.02515	72	24.	.04752	73	22.	.04783
69	10.	.01941	70	14.	.02832	71	11.	.02237	72	17.	.03696
68	0.	.00000	69	10.	.01888	70	13.	.02518	71	8.	.01739
67	21.	.04028	68	0.	.00000	69	9.	.01679	70	9.	.01957
66	3.	.00540	67	20.	.03919	68	0.	.00000	69	6.	.01304
65	45.	.08472	66	44.	.08767	67	58.	.11275	68	40.	.08696
	531.			507.			512.			460.	

TABLE A-16.6
HDDV VEHICLE REGISTRATION FOR HAYS COUNTY

1989			1990			1991			1992		
AVG VEH AGE	9.95		10.49			11.31			11.16		
MED VEH AGE	9.37		9.79			10.10			9.75		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	3.	.01523	90	3.	.02013	91	1.	.00699	92	1.	.00654
88	1.	.00508	89	9.	.06040	90	2.	.01399	91	2.	.01307
87	7.	.03553	88	2.	.01342	89	9.	.06294	90	4.	.02614
86	4.	.02030	87	5.	.03356	88	1.	.00699	89	7.	.04575
85	20.	.10152	86	5.	.03356	87	5.	.03497	88	3.	.01961
84	21.	.10660	85	11.	.07383	86	4.	.02797	87	6.	.03922
83	6.	.03046	84	17.	.11409	85	15.	.10490	86	4.	.02614
82	15.	.07614	83	4.	.02685	84	22.	.15385	85	20.	.13072
81	16.	.08122	82	13.	.08725	83	4.	.02797	84	25.	.16340
80	15.	.07614	81	7.	.04698	82	8.	.05594	83	6.	.03922
79	23.	.11675	80	5.	.03356	81	5.	.03497	82	10.	.06536
78	23.	.11675	79	21.	.14094	80	6.	.04196	81	8.	.05229
77	7.	.03553	78	13.	.08725	79	17.	.11888	80	7.	.04575
76	2.	.01015	77	5.	.03356	78	9.	.06294	79	16.	.10458
75	10.	.05076	76	3.	.02013	77	5.	.03497	78	8.	.05229
74	10.	.05076	75	5.	.03356	76	2.	.01399	77	3.	.01961
73	3.	.01523	74	8.	.05369	75	7.	.04895	76	2.	.01307
72	2.	.01015	73	3.	.02013	74	6.	.04196	75	7.	.04575
71	3.	.01523	72	1.	.00671	73	7.	.04895	74	6.	.03922
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	5.	.03268
69	4.	.01992	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00154	69	6.	.04026	70	0.	.00000	71	0.	.00000
67	1.	.00513	68	0.	.00311	69	5.	.03729	70	0.	.00000
66	0.	.00000	67	2.	.01038	68	0.	.00288	69	2.	.01307
65	1.	.00387	66	1.	.00665	67	2.	.01577	68	1.	.00654
197.			149.			143.			153.		

TABLE A-17.1
AUTOMOBILE VEHICLE REGISTRATION FOR HIDALGO COUNTY

McAllen - Edinburg - Mission MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.14			9.20			9.27			9.24		
MED VEH AGE	8.47			8.54			8.46			8.30		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	4348.	.03164	90	5089.	.03411	91	7047.	.04251	92	5065.	.03210	
88	7891.	.05743	89	8785.	.05888	90	8372.	.05050	91	8952.	.05673	
87	6967.	.05070	88	8426.	.05647	89	9484.	.05720	90	8539.	.05411	
86	7898.	.05748	87	7717.	.05172	88	9585.	.05781	89	9813.	.06219	
85	9127.	.06642	86	8958.	.06004	87	8844.	.05334	88	10168.	.06443	
84	9780.	.07117	85	10297.	.06901	86	10421.	.06286	87	9420.	.05969	
83	7405.	.05389	84	11076.	.07423	85	11892.	.07173	86	10847.	.06874	
82	10102.	.07352	83	8350.	.05596	84	12807.	.07725	85	12389.	.07851	
81	11061.	.08050	82	11005.	.07376	83	9686.	.05842	84	12450.	.07890	
80	10340.	.07525	81	11543.	.07736	82	11977.	.07224	83	9305.	.05897	
79	11709.	.08521	80	10324.	.06919	81	12137.	.07321	82	10512.	.06661	
78	10723.	.07804	79	11749.	.07874	80	10263.	.06190	81	10099.	.06400	
77	8635.	.06284	78	10128.	.06788	79	11481.	.06925	80	8149.	.05164	
76	5569.	.04053	77	7737.	.05185	78	9439.	.05693	79	8926.	.05656	
75	3350.	.02438	76	4697.	.03148	77	6930.	.04180	78	7118.	.04511	
74	2786.	.02027	75	2707.	.01814	76	3878.	.02339	77	5057.	.03205	
73	2265.	.01648	74	2326.	.01559	75	2233.	.01347	76	2732.	.01731	
72	1572.	.01144	73	1778.	.01192	74	1936.	.01168	75	1562.	.00990	
71	1094.	.00796	72	1310.	.00878	73	1475.	.00890	74	1354.	.00858	
70	853.	.00621	71	830.	.00557	72	1029.	.00621	73	1022.	.00648	
69	664.	.00483	70	779.	.00522	71	779.	.00470	72	755.	.00478	
68	581.	.00423	69	606.	.00406	70	731.	.00441	71	571.	.00362	
67	919.	.00669	68	530.	.00355	69	568.	.00343	70	535.	.00339	
66	243.	.00177	67	839.	.00562	68	497.	.00300	69	416.	.00264	
65	1529.	.01113	66	1617.	.01084	67	2301.	.01388	68	2047.	.01297	
	137412.			149205.			165792.			157803.		

TABLE A-17.2
MOTORCYCLE VEHICLE REGISTRATION FOR HIDALGO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	7.69			8.28			8.73			9.87		
MED VEH AGE	7.01			7.59			8.17			9.11		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	68.	.02669	90	52.	.02293	91	48.	.02418	92	33.	.02075	
88	131.	.05141	89	125.	.05511	90	78.	.03929	91	60.	.03774	
87	188.	.07378	88	94.	.04145	89	115.	.05793	90	54.	.03396	
86	264.	.10361	87	153.	.06746	88	90.	.04534	89	73.	.04591	
85	262.	.10283	86	225.	.09921	87	131.	.06599	88	62.	.03899	
84	175.	.06868	85	229.	.10097	86	214.	.10781	87	91.	.05723	
83	182.	.07143	84	150.	.06614	85	133.	.06700	86	148.	.09308	
82	290.	.11381	83	179.	.07892	84	145.	.07305	85	170.	.10692	
81	238.	.09341	82	256.	.11287	83	232.	.11688	84	93.	.05849	
80	217.	.08516	81	208.	.09171	82	229.	.11537	83	103.	.06478	
79	125.	.04906	80	190.	.08377	81	170.	.08564	82	172.	.10818	
78	408.	.16013	79	407.	.17945	80	400.	.20151	81	531.	.33396	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	2548.			2268.			1985.			1590.		

TABLE A-17.3
LDGT1 VEHICLE REGISTRATION FOR HIDALGO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.47			9.56			9.77			9.80		
MED VEH AGE	8.31			8.42			8.51			8.38		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	2333.	.04547	90	2394.	.04344	91	2977.	.04891	92	2164.	.03691	
88	4086.	.07963	89	4108.	.07454	90	3255.	.05348	91	3218.	.05489	
87	2785.	.05428	88	3882.	.07044	89	4051.	.06656	90	3247.	.05538	
86	2899.	.05650	87	2765.	.05017	88	4186.	.06878	89	4147.	.07073	
85	3150.	.06139	86	3103.	.05631	87	3074.	.05051	88	4350.	.07419	
84	3165.	.06168	85	3506.	.06362	86	3532.	.05803	87	3167.	.05402	
83	2417.	.04711	84	3585.	.06505	85	3931.	.06459	86	3647.	.06220	
82	3636.	.07086	83	2633.	.04778	84	3935.	.06465	85	3926.	.06696	
81	3775.	.07357	82	3721.	.06752	83	2903.	.04770	84	3779.	.06445	
80	2711.	.05284	81	3730.	.06768	82	3974.	.06529	83	2781.	.04743	
79	3368.	.06564	80	2651.	.04810	81	3804.	.06250	82	3606.	.06150	
78	3166.	.06170	79	3297.	.05983	80	2672.	.04390	81	3405.	.05808	
77	2807.	.05471	78	3028.	.05495	79	3338.	.05484	80	2280.	.03889	
76	2081.	.04056	77	2647.	.04803	78	3059.	.05026	79	2828.	.04823	
75	1376.	.02682	76	1903.	.03453	77	2553.	.04195	78	2488.	.04243	
74	1442.	.02810	75	1203.	.02183	76	1844.	.03030	77	2099.	.03580	
73	1198.	.02335	74	1244.	.02257	75	1120.	.01840	76	1419.	.02420	
72	948.	.01848	73	1063.	.01929	74	1145.	.01881	75	875.	.01492	
71	649.	.01265	72	896.	.01626	73	1012.	.01663	74	875.	.01492	
70	596.	.01161	71	589.	.01070	72	833.	.01369	73	763.	.01301	
69	553.	.01077	70	568.	.01030	71	576.	.00947	72	661.	.01127	
68	116.	.00225	69	527.	.00955	70	555.	.00912	71	457.	.00779	
67	580.	.01130	68	110.	.00200	69	515.	.00846	70	440.	.00750	
66	133.	.00259	67	552.	.01002	68	108.	.00177	69	408.	.00696	
65	1341.	.02614	66	1404.	.02548	67	1912.	.03142	68	1601.	.02731	
	51310.			55109.			60864.			58631.		

TABLE A-17.4
LDGT2 VEHICLE REGISTRATION FOR HIDALGO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.85			9.99			10.15			9.98		
MED VEH AGE	9.32			8.91			9.25			8.83		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	150.	.03070	90	202.	.04056	91	273.	.05197	92	280.	.05611	
88	278.	.05690	89	260.	.05221	90	262.	.04988	91	312.	.06253	
87	146.	.02988	88	261.	.05241	89	275.	.05235	90	265.	.05311	
86	286.	.05853	87	136.	.02731	88	272.	.05178	89	276.	.05531	
85	329.	.06734	86	301.	.06044	87	149.	.02836	88	268.	.05371	
84	336.	.06877	85	346.	.06948	86	316.	.06016	87	159.	.03186	
83	267.	.05465	84	352.	.07068	85	367.	.06986	86	307.	.06152	
82	397.	.08125	83	255.	.05120	84	358.	.06815	85	353.	.07074	
81	186.	.03807	82	414.	.08313	83	254.	.04835	84	331.	.06633	
80	213.	.04359	81	201.	.04036	82	406.	.07729	83	224.	.04489	
79	392.	.08023	80	211.	.04237	81	201.	.03826	82	344.	.06894	
78	370.	.07573	79	374.	.07510	80	198.	.03769	81	174.	.03487	
77	374.	.07655	78	315.	.06325	79	378.	.07196	80	172.	.03447	
76	311.	.06365	77	324.	.06506	78	297.	.05654	79	326.	.06533	
75	203.	.04155	76	263.	.05281	77	302.	.05749	78	223.	.04469	
74	188.	.03848	75	187.	.03755	76	234.	.04455	77	244.	.04890	
73	137.	.02804	74	158.	.03173	75	169.	.03217	76	194.	.03888	
72	88.	.01801	73	132.	.02651	74	132.	.02513	75	117.	.02345	
71	41.	.00839	72	76.	.01526	73	121.	.02303	74	106.	.02124	
70	46.	.00946	71	43.	.00861	72	77.	.01462	73	93.	.01864	
69	34.	.00702	70	40.	.00809	71	43.	.00818	72	59.	.01182	
68	5.	.00093	69	30.	.00601	70	40.	.00768	71	33.	.00661	
67	30.	.00606	68	4.	.00079	69	30.	.00570	70	31.	.00621	
66	1.	.00029	67	26.	.00518	68	4.	.00075	69	23.	.00461	
65	78.	.01594	66	69.	.01388	67	95.	.01809	68	76.	.01523	
	4886.			4980.			5253.			4990.		

TABLE A-17.5
HDGT VEHICLE REGISTRATION FOR HIDALGO COUNTY

1989			1990			1991			1992		
AVG VEH AGE	14.50			14.71			14.54			14.51	
MED VEH AGE	13.94			14.19			14.02			14.07	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	48.	.00924	90	73.	.01410	91	117.	.02292	92	69.	.01460
88	66.	.01271	89	81.	.01564	90	148.	.02900	91	131.	.02772
87	72.	.01387	88	73.	.01410	89	87.	.01705	90	154.	.03259
86	115.	.02215	87	80.	.01545	88	84.	.01646	89	96.	.02032
85	157.	.03024	86	118.	.02279	87	91.	.01783	88	90.	.01905
84	131.	.02523	85	201.	.03882	86	165.	.03233	87	113.	.02392
83	70.	.01348	84	158.	.03051	85	218.	.04271	86	180.	.03810
82	206.	.03968	83	98.	.01893	84	176.	.03448	85	231.	.04889
81	261.	.05027	82	203.	.03920	83	114.	.02234	84	178.	.03767
80	235.	.04526	81	273.	.05272	82	213.	.04173	83	114.	.02413
79	342.	.06587	80	248.	.04789	81	265.	.05192	82	206.	.04360
78	309.	.05951	79	344.	.06643	80	238.	.04663	81	259.	.05481
77	296.	.05701	78	300.	.05794	79	339.	.06642	80	220.	.04656
76	305.	.05874	77	288.	.05562	78	292.	.05721	79	303.	.06413
75	333.	.06414	76	273.	.05272	77	263.	.05153	78	260.	.05503
74	382.	.07357	75	319.	.06161	76	249.	.04879	77	241.	.05101
73	373.	.07184	74	347.	.06701	75	283.	.05545	76	217.	.04593
72	246.	.04738	73	356.	.06875	74	293.	.05741	75	233.	.04931
71	200.	.03852	72	230.	.04442	73	323.	.06328	74	258.	.05460
70	228.	.04389	71	180.	.03468	72	205.	.04024	73	280.	.05926
69	218.	.04195	70	204.	.03940	71	152.	.02969	72	160.	.03386
68	13.	.00260	69	195.	.03766	70	172.	.03373	71	118.	.02497
67	123.	.02377	68	12.	.00233	69	164.	.03223	70	134.	.02836
66	71.	.01375	67	110.	.02133	68	10.	.00200	69	128.	.02709
65	391.	.07532	66	414.	.07993	67	442.	.08664	68	352.	.07450
	5192.			5178.			5104.			4725.	

TABLE A-17.6
HDDV VEHICLE REGISTRATION FOR HIDALGO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.94			12.14			11.60			11.94		
MED VEH AGE	10.92			11.30			10.90			11.47		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	3.	.00343	90	9.	.00956	91	31.	.03097	92	2.	.00203	
88	16.	.01829	89	12.	.01275	90	16.	.01598	91	33.	.03357	
87	21.	.02400	88	27.	.02869	89	17.	.01698	90	16.	.01628	
86	25.	.02857	87	22.	.02338	88	41.	.04096	89	24.	.02442	
85	30.	.03429	86	28.	.02976	87	28.	.02797	88	44.	.04476	
84	33.	.03771	85	39.	.04145	86	43.	.04296	87	42.	.04273	
83	22.	.02514	84	45.	.04782	85	61.	.06094	86	45.	.04578	
82	48.	.05486	83	30.	.03188	84	57.	.05694	85	59.	.06002	
81	99.	.11314	82	57.	.06057	83	43.	.04296	84	68.	.06918	
80	51.	.05829	81	117.	.12434	82	67.	.06693	83	40.	.04069	
79	97.	.11086	80	56.	.05951	81	107.	.10689	82	67.	.06816	
78	62.	.07086	79	94.	.09989	80	57.	.05694	81	110.	.11190	
77	64.	.07314	78	54.	.05739	79	89.	.08891	80	56.	.05697	
76	32.	.03657	77	62.	.06589	78	64.	.06394	79	90.	.09156	
75	59.	.06743	76	41.	.04357	77	56.	.05594	78	60.	.06104	
74	64.	.07314	75	52.	.05526	76	36.	.03596	77	46.	.04680	
73	41.	.04686	74	61.	.06482	75	46.	.04595	76	30.	.03052	
72	23.	.02629	73	40.	.04251	74	40.	.03996	75	44.	.04476	
71	19.	.02171	72	19.	.02019	73	41.	.04096	74	28.	.02848	
70	23.	.02622	71	21.	.02270	72	18.	.01759	73	34.	.03459	
69	9.	.00984	70	19.	.02019	71	12.	.01219	72	13.	.01322	
68	3.	.00309	69	7.	.00757	70	11.	.01084	71	9.	.00916	
67	10.	.01114	68	2.	.00238	69	4.	.00406	70	8.	.00814	
66	10.	.01180	67	8.	.00857	68	1.	.00128	69	3.	.00305	
65	12.	.01335	66	18.	.01936	67	15.	.01498	68	12.	.01221	
	875.			941.			1001.			983.		

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1989			1990			1991			1992		
AVG VEH AGE	8.16			8.23			8.24			8.29	
MED VEH AGE	6.80			6.71			6.81			6.88	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	6773.	.05513	90	7598.	.06044	91	9222.	.07163	92	7135.	.05721
88	9786.	.07966	89	10201.	.08114	90	9834.	.07638	91	10259.	.08225
87	9413.	.07662	88	9616.	.07649	89	9993.	.07762	90	9614.	.07708
86	9422.	.07669	87	9312.	.07407	88	9602.	.07458	89	9816.	.07870
85	9944.	.08094	86	9278.	.07380	87	9192.	.07140	88	9313.	.07467
84	10373.	.08444	85	9722.	.07733	86	8982.	.06976	87	8765.	.07028
83	7184.	.05848	84	9983.	.07941	85	9352.	.07264	86	8493.	.06809
82	7178.	.05843	83	6833.	.05435	84	9534.	.07405	85	8810.	.07064
81	7757.	.06314	82	6723.	.05348	83	6490.	.05041	84	8806.	.07060
80	7174.	.05840	81	7204.	.05730	82	6289.	.04885	83	5988.	.04801
79	7978.	.06494	80	6358.	.05057	81	6524.	.05067	82	5607.	.04496
78	7284.	.05929	79	7240.	.05759	80	5712.	.04437	81	5548.	.04448
77	6111.	.04974	78	6460.	.05139	79	6345.	.04928	80	4677.	.03750
76	4004.	.03259	77	5270.	.04192	78	5545.	.04307	79	5117.	.04103
75	2272.	.01849	76	3282.	.02611	77	4507.	.03501	78	4443.	.03562
74	1917.	.01560	75	1850.	.01472	76	2665.	.02070	77	3492.	.02800
73	1707.	.01389	74	1550.	.01233	75	1495.	.01161	76	1971.	.01580
72	1282.	.01044	73	1437.	.01143	74	1274.	.00990	75	1104.	.00885
71	992.	.00807	72	1062.	.00845	73	1162.	.00903	74	956.	.00766
70	741.	.00603	71	767.	.00610	72	889.	.00691	73	904.	.00725
69	629.	.00512	70	685.	.00545	71	671.	.00521	72	692.	.00555
68	562.	.00458	69	581.	.00462	70	599.	.00465	71	522.	.00419
67	573.	.00467	68	519.	.00413	69	507.	.00394	70	465.	.00373
66	263.	.00214	67	529.	.00421	68	453.	.00352	69	394.	.00316
65	1531.	.01247	66	1656.	.01317	67	1908.	.01482	68	1833.	.01470
	122851.			125716.			128747.			124724.	

TABLE A-18.2
MOTORCYCLE VEHICLE REGISTRATION FOR JEFFERSON COUNTY

1989			1990			1991			1992		
AVG VEH AGE	8.20			8.81			9.50			10.09	
MED VEH AGE	7.36			8.15			8.89			9.52	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	58.	.02001	90	45.	.01659	91	51.	.01907	92	79.	.03407
88	122.	.04208	89	112.	.04128	90	69.	.02579	91	59.	.02544
87	163.	.05623	88	134.	.04939	89	142.	.05308	90	69.	.02975
86	290.	.10003	87	148.	.05455	88	134.	.05009	89	136.	.05865
85	263.	.09072	86	270.	.09952	87	132.	.04935	88	120.	.05175
84	188.	.06485	85	240.	.08846	86	260.	.09720	87	107.	.04614
83	235.	.08106	84	148.	.05455	85	227.	.08486	86	206.	.08883
82	363.	.12522	83	212.	.07814	84	137.	.05121	85	189.	.08150
81	262.	.09038	82	321.	.11832	83	209.	.07813	84	107.	.04614
80	260.	.08969	81	231.	.08515	82	300.	.11215	83	168.	.07245
79	147.	.05071	80	216.	.07962	81	204.	.07626	82	257.	.11082
78	548.	.18903	79	636.	.23443	80	810.	.30280	81	822.	.35446
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
2899.			2713.			2675.			2319.		

TABLE A-18.3
LDGT1 VEHICLE REGISTRATION FOR JEFFERSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.35			8.39			8.33			8.36		
MED VEH AGE	6.70			6.65			6.68			6.69		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	3115.	.06704	90	3443.	.07043	91	4654.	.09024	92	3616.	.07088	
88	4157.	.08946	89	4742.	.09701	90	4194.	.08132	91	4755.	.09320	
87	3186.	.06856	88	3765.	.07702	89	4566.	.08853	90	4004.	.07848	
86	3587.	.07719	87	3136.	.06415	88	3706.	.07186	89	4375.	.08576	
85	3591.	.07728	86	3465.	.07088	87	3094.	.05999	88	3604.	.07064	
84	3859.	.08305	85	3447.	.07052	86	3314.	.06426	87	2965.	.05812	
83	2470.	.05315	84	3769.	.07710	85	3317.	.06431	86	3195.	.06263	
82	3031.	.06523	83	2359.	.04826	84	3590.	.06961	85	3105.	.06086	
81	2881.	.06200	82	2922.	.05978	83	2272.	.04405	84	3305.	.06478	
80	1984.	.04270	81	2706.	.05536	82	2780.	.05390	83	2096.	.04108	
79	2509.	.05399	80	1860.	.03805	81	2486.	.04820	82	2472.	.04845	
78	2329.	.05012	79	2342.	.04791	80	1717.	.03329	81	2191.	.04295	
77	2126.	.04575	78	2172.	.04443	79	2188.	.04242	80	1507.	.02954	
76	1501.	.03230	77	1930.	.03948	78	1960.	.03800	79	1865.	.03656	
75	787.	.01694	76	1342.	.02745	77	1702.	.03300	78	1679.	.03291	
74	918.	.01976	75	698.	.01428	76	1222.	.02369	77	1438.	.02819	
73	797.	.01715	74	772.	.01579	75	604.	.01171	76	1010.	.01980	
72	659.	.01418	73	703.	.01438	74	685.	.01328	75	475.	.00931	
71	545.	.01173	72	588.	.01203	73	605.	.01173	74	555.	.01088	
70	471.	.01013	71	481.	.00984	72	524.	.01016	73	461.	.00904	
69	417.	.00897	70	433.	.00886	71	423.	.00821	72	421.	.00825	
68	121.	.00260	69	384.	.00785	70	381.	.00739	71	340.	.00666	
67	341.	.00734	68	111.	.00227	69	338.	.00654	70	306.	.00600	
66	178.	.00383	67	314.	.00642	68	98.	.00190	69	271.	.00531	
65	908.	.01955	66	999.	.02044	67	1155.	.02240	68	1006.	.01972	
	46468.			48883.			51575.			51017.		

TABLE A-18.4
LDGT2 VEHICLE REGISTRATION FOR JEFFERSON COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.01		8.26		8.27		8.10	
MED VEH AGE	6.51		6.81		7.07		7.02	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	193.	.05581	90	217.	.05874	91	328.	.08406
88	276.	.07981	89	327.	.08852	90	307.	.07868
87	157.	.04540	88	295.	.07986	89	313.	.08022
86	269.	.07779	87	134.	.03628	88	279.	.07150
85	339.	.09803	86	265.	.07174	87	131.	.03357
84	365.	.10555	85	323.	.08744	86	263.	.06740
83	254.	.07345	84	352.	.09529	85	305.	.07817
82	228.	.06593	83	228.	.06172	84	345.	.08842
81	171.	.04945	82	222.	.06010	83	206.	.05279
80	132.	.03817	81	164.	.04440	82	212.	.05433
79	223.	.06449	80	135.	.03655	81	150.	.03844
78	165.	.04772	79	223.	.06037	80	120.	.03075
77	202.	.05842	78	162.	.04385	79	197.	.05049
76	154.	.04453	77	185.	.05008	78	154.	.03947
75	90.	.02603	76	144.	.03898	77	182.	.04664
74	67.	.01938	75	84.	.02274	76	130.	.03332
73	58.	.01677	74	63.	.01705	75	73.	.01871
72	20.	.00578	73	50.	.01354	74	53.	.01358
71	26.	.00752	72	23.	.00623	73	48.	.01230
70	24.	.00704	71	19.	.00505	72	20.	.00522
69	11.	.00313	70	28.	.00758	71	16.	.00418
68	3.	.00100	69	12.	.00337	70	24.	.00627
67	9.	.00267	68	4.	.00107	69	11.	.00279
66	4.	.00112	67	11.	.00287	68	3.	.00089
65	17.	.00500	66	24.	.00659	67	31.	.00782
	3458.		3694.			3902.		
							3963.	

TABLE A-18.5
HDDT VEHICLE REGISTRATION FOR JEFFERSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.07			11.17			11.18			11.07		
MED VEH AGE	10.18			10.36			10.32			10.20		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	62.	.02803	90	81.	.03590	91	106.	.04692	92	99.	.04463	
88	117.	.05289	89	125.	.05541	90	125.	.05533	91	133.	.05996	
87	68.	.03074	88	117.	.05186	89	122.	.05401	90	125.	.05636	
86	85.	.03843	87	57.	.02527	88	120.	.05312	89	122.	.05500	
85	106.	.04792	86	90.	.03989	87	59.	.02612	88	117.	.05275	
84	126.	.05696	85	106.	.04699	86	95.	.04205	87	71.	.03201	
83	92.	.04159	84	133.	.05895	85	117.	.05179	86	92.	.04148	
82	134.	.06058	83	94.	.04167	84	123.	.05445	85	120.	.05410	
81	153.	.06917	82	122.	.05408	83	90.	.03984	84	124.	.05591	
80	129.	.05832	81	156.	.06915	82	125.	.05533	83	83.	.03742	
79	185.	.08363	80	131.	.05807	81	149.	.06596	82	113.	.05095	
78	173.	.07821	79	175.	.07757	80	105.	.04648	81	127.	.05726	
77	117.	.05289	78	160.	.07092	79	140.	.06197	80	95.	.04283	
76	82.	.03707	77	100.	.04433	78	138.	.06109	79	127.	.05726	
75	111.	.05018	76	67.	.02970	77	93.	.04117	78	123.	.05546	
74	99.	.04476	75	104.	.04610	76	54.	.02390	77	88.	.03968	
73	71.	.03210	74	96.	.04255	75	92.	.04073	76	47.	.02119	
72	58.	.02622	73	70.	.03103	74	85.	.03763	75	78.	.03517	
71	27.	.01221	72	51.	.02261	73	73.	.03232	74	71.	.03201	
70	45.	.02030	71	29.	.01276	72	48.	.02139	73	63.	.02840	
69	36.	.01611	70	40.	.01764	71	26.	.01152	72	39.	.01758	
68	11.	.00483	69	32.	.01399	70	36.	.01592	71	21.	.00947	
67	25.	.01108	68	9.	.00420	69	29.	.01263	70	29.	.01307	
66	12.	.00523	67	22.	.00962	68	9.	.00379	69	23.	.01037	
65	90.	.04054	66	90.	.03974	67	101.	.04454	68	88.	.03968	
	2212.			2256.			2259.			2218.		

TABLE A-18.6
HDDV VEHICLE REGISTRATION FOR JEFFERSON COUNTY

1989			1990			1991			1992		
AVG VEH AGE	10.20			10.68			10.45			10.64	
MED VEH AGE	9.48			10.21			10.48			10.90	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	11.	.01511	90	18.	.02190	91	60.	.05946	92	14.	.01496
88	23.	.03159	89	23.	.02798	90	50.	.04955	91	76.	.08120
87	26.	.03571	88	33.	.04015	89	29.	.02874	90	47.	.05021
86	45.	.06181	87	19.	.02311	88	36.	.03568	89	27.	.02885
85	29.	.03984	86	51.	.06204	87	34.	.03370	88	39.	.04167
84	29.	.03984	85	41.	.04988	86	47.	.04658	87	36.	.03846
83	26.	.03571	84	35.	.04258	85	56.	.05550	86	48.	.05128
82	41.	.05632	83	25.	.03041	84	44.	.04361	85	62.	.06624
81	97.	.13324	82	46.	.05596	83	34.	.03370	84	42.	.04487
80	77.	.10577	81	100.	.12165	82	57.	.05649	83	34.	.03632
79	74.	.10165	80	97.	.11800	81	119.	.11794	82	48.	.05128
78	52.	.07143	79	80.	.09732	80	109.	.10803	81	102.	.10897
77	36.	.04945	78	55.	.06691	79	72.	.07136	80	82.	.08761
76	26.	.03571	77	37.	.04501	78	64.	.06343	79	72.	.07692
75	40.	.05495	76	23.	.02798	77	40.	.03964	78	50.	.05342
74	24.	.03297	75	39.	.04745	76	24.	.02379	77	33.	.03526
73	22.	.03022	74	23.	.02798	75	31.	.03072	76	20.	.02137
72	10.	.01374	73	23.	.02798	74	25.	.02478	75	26.	.02778
71	12.	.01648	72	11.	.01338	73	20.	.01982	74	16.	.01709
70	17.	.02307	71	9.	.01144	72	15.	.01470	73	19.	.02030
69	4.	.00616	70	20.	.02452	71	9.	.00936	72	11.	.01175
68	0.	.00023	69	5.	.00654	70	20.	.02006	71	7.	.00748
67	3.	.00357	68	0.	.00024	69	5.	.00535	70	15.	.01603
66	0.	.00060	67	3.	.00380	68	0.	.00020	69	4.	.00427
65	4.	.00484	66	5.	.00578	67	8.	.00783	68	6.	.00641
	728.			822.			1009.			936.	

TABLE A-19.1
AUTOMOBILE VEHICLE REGISTRATION FOR JOHNSON COUNTY

Fort Worth - Arlington MSA

YEAR	1989		1990		1991		1992	
AVG VEH AGE	9.13		9.11		9.07		9.19	
MED VEH AGE	7.93		7.67		7.52		7.70	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	938.	.02105	90	1290.	.02744	91	2001.	.04058
88	2270.	.05093	89	2939.	.06251	90	2938.	.05958
87	2852.	.06399	88	3204.	.06815	89	3472.	.07041
86	3316.	.07440	87	3092.	.06576	88	3471.	.07039
85	3751.	.08416	86	3474.	.07389	87	3302.	.06696
84	3689.	.08277	85	3860.	.08210	86	3534.	.07167
83	2747.	.06163	84	3766.	.08010	85	3985.	.08081
82	2937.	.06589	83	2816.	.05989	84	3770.	.07645
81	3064.	.06874	82	2793.	.05940	83	2769.	.05615
80	2821.	.06329	81	2893.	.06153	82	2647.	.05368
79	3522.	.07902	80	2492.	.05300	81	2609.	.05291
78	2972.	.06668	79	3205.	.06817	80	2264.	.04591
77	2349.	.05270	78	2618.	.05568	79	2868.	.05816
76	1560.	.03500	77	2036.	.04330	78	2277.	.04618
75	876.	.01965	76	1373.	.02920	77	1726.	.03500
74	863.	.01936	75	746.	.01587	76	1169.	.02371
73	779.	.01748	74	741.	.01576	75	612.	.01241
72	609.	.01366	73	669.	.01423	74	610.	.01237
71	361.	.00810	72	508.	.01080	73	555.	.01126
70	306.	.00686	71	324.	.00689	72	429.	.00869
69	285.	.00640	70	290.	.00617	71	299.	.00605
68	340.	.00762	69	271.	.00576	70	267.	.00542
67	290.	.00651	68	322.	.00686	69	249.	.00506
66	137.	.00308	67	275.	.00585	68	297.	.00602
65	937.	.02103	66	1020.	.02168	67	1191.	.02416
	44571.			47017.			49311.	
								48213.

TABLE A-19.2
MOTORCYCLE VEHICLE REGISTRATION FOR JOHNSON COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.77		9.38		10.00		10.74	
MED VEH AGE	7.66		8.55		9.44		10.20	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	4.	.00267	90	3.	.00213	91	14.	.01001
88	18.	.01200	89	25.	.01774	90	23.	.01644
87	46.	.03067	88	44.	.03123	89	43.	.03074
86	143.	.09533	87	62.	.04400	88	51.	.03645
85	160.	.10667	86	135.	.09581	87	58.	.04146
84	108.	.07200	85	132.	.09368	86	149.	.10650
83	126.	.08400	84	88.	.06246	85	127.	.09078
82	219.	.14600	83	103.	.07310	84	67.	.04789
81	144.	.09600	82	204.	.14478	83	83.	.05933
80	133.	.08867	81	129.	.09155	82	193.	.13796
79	82.	.05467	80	120.	.08517	81	128.	.09149
78	317.	.21133	79	364.	.25834	80	463.	.33095
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	1500.			1409.			1399.	
								1122.

TABLE A-19.3
LDGT1 VEHICLE REGISTRATION FOR JOHNSON COUNTY

YEAR			1989			1990			1991			1992		
AVG VEH AGE			9.89			9.97			9.96			10.05		
MED VEH AGE			7.94			7.96			7.83			8.07		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT			
89	716.	.03005	90	829.	.03289	91	1227.	.04619	92	1112.	.04242			
88	1362.	.05716	89	1757.	.06970	90	1619.	.06094	91	1525.	.05818			
87	1356.	.05691	88	1617.	.06415	89	1920.	.07227	90	1647.	.06284			
86	1836.	.07705	87	1355.	.05375	88	1694.	.06376	89	1917.	.07314			
85	1931.	.08104	86	1906.	.07561	87	1393.	.05243	88	1654.	.06310			
84	1968.	.08259	85	1923.	.07629	86	1879.	.07073	87	1396.	.05326			
83	1387.	.05821	84	1916.	.07601	85	1950.	.07340	86	1857.	.07085			
82	1442.	.06052	83	1361.	.05399	84	1920.	.07227	85	1871.	.07138			
81	1316.	.05523	82	1387.	.05502	83	1382.	.05202	84	1806.	.06890			
80	1016.	.04264	81	1226.	.04864	82	1338.	.05036	83	1294.	.04937			
79	1416.	.05943	80	963.	.03820	81	1150.	.04329	82	1186.	.04525			
78	1436.	.06027	79	1336.	.05300	80	876.	.03297	81	1037.	.03956			
77	1137.	.04772	78	1354.	.05372	79	1186.	.04464	80	783.	.02987			
76	834.	.03500	77	1055.	.04185	78	1244.	.04683	79	1032.	.03937			
75	413.	.01733	76	764.	.03031	77	969.	.03647	78	1107.	.04223			
74	563.	.02363	75	396.	.01571	76	703.	.02646	77	863.	.03293			
73	540.	.02266	74	514.	.02039	75	341.	.01284	76	579.	.02209			
72	492.	.02065	73	518.	.02055	74	459.	.01728	75	291.	.01110			
71	327.	.01372	72	486.	.01928	73	456.	.01716	74	378.	.01442			
70	313.	.01312	71	311.	.01232	72	464.	.01746	73	404.	.01541			
69	344.	.01442	70	298.	.01184	71	293.	.01102	72	401.	.01530			
68	127.	.00534	69	328.	.01301	70	281.	.01059	71	253.	.00965			
67	281.	.01178	68	122.	.00482	69	309.	.01163	70	243.	.00927			
66	140.	.00586	67	268.	.01063	68	115.	.00431	69	267.	.01019			
65	1136.	.04768	66	1218.	.04830	67	1400.	.05268	68	1308.	.04990			
	23828.			25207.			26567.			26211.				

TABLE A-19.4
LDGT2 VEHICLE REGISTRATION FOR JOHNSON COUNTY

1989			1990			1991			1992		
AVG VEH AGE	8.65		8.78			8.99			9.09		
MED VEH AGE	7.16		7.18			7.62			7.86		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	86.	.03053	90	122.	.04102	91	184.	.05843	92	169.	.05357
88	163.	.05786	89	207.	.06960	90	188.	.05970	91	238.	.07544
87	117.	.04153	88	188.	.06321	89	228.	.07240	90	179.	.05674
86	284.	.10082	87	114.	.03833	88	179.	.05684	89	216.	.06846
85	262.	.09301	86	273.	.09180	87	111.	.03525	88	186.	.05895
84	296.	.10508	85	257.	.08642	86	277.	.08796	87	112.	.03550
83	171.	.06070	84	295.	.09919	85	237.	.07526	86	272.	.08621
82	189.	.06709	83	172.	.05783	84	275.	.08733	85	240.	.07607
81	123.	.04366	82	175.	.05884	83	168.	.05335	84	259.	.08209
80	124.	.04402	81	126.	.04237	82	173.	.05494	83	151.	.04786
79	200.	.07100	80	114.	.03833	81	127.	.04033	82	164.	.05198
78	148.	.05254	79	193.	.06490	80	125.	.03970	81	97.	.03074
77	164.	.05822	78	147.	.04943	79	186.	.05907	80	107.	.03391
76	135.	.04792	77	153.	.05145	78	143.	.04541	79	171.	.05420
75	97.	.03443	76	115.	.03867	77	146.	.04636	78	123.	.03899
74	76.	.02698	75	84.	.02824	76	112.	.03557	77	126.	.03994
73	55.	.01952	74	76.	.02555	75	70.	.02223	76	96.	.03043
72	31.	.01100	73	56.	.01883	74	72.	.02286	75	67.	.02124
71	19.	.00674	72	26.	.00874	73	51.	.01620	74	59.	.01870
70	13.	.00446	71	17.	.00571	72	19.	.00600	73	46.	.01458
69	24.	.00837	70	10.	.00351	71	16.	.00520	72	15.	.00475
68	4.	.00130	69	20.	.00659	70	10.	.00320	71	13.	.00412
67	9.	.00331	68	3.	.00103	69	19.	.00600	70	8.	.00254
66	2.	.00086	67	8.	.00260	68	3.	.00093	69	15.	.00475
65	25.	.00904	66	23.	.00779	67	30.	.00947	68	26.	.00824
2817.			2974.			3149.			3155.		

TABLE A-19.5
HDGT VEHICLE REGISTRATION FOR JOHNSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	13.33			13.62			13.79			13.68		
MED VEH AGE	11.90			12.50			12.91			13.28		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	23.	.02018	90	21.	.01918	91	17.	.01583	92	20.	.02022	
88	31.	.02719	89	47.	.04292	90	38.	.03538	91	27.	.02730	
87	13.	.01140	88	31.	.02831	89	52.	.04842	90	46.	.04651	
86	50.	.04386	87	13.	.01187	88	30.	.02793	89	50.	.05056	
85	41.	.03596	86	45.	.04110	87	13.	.01210	88	30.	.03033	
84	49.	.04298	85	45.	.04110	86	45.	.04190	87	17.	.01719	
83	35.	.03070	84	50.	.04566	85	53.	.04935	86	47.	.04752	
82	57.	.05000	83	33.	.03014	84	43.	.04004	85	43.	.04348	
81	41.	.03596	82	50.	.04566	83	38.	.03538	84	43.	.04348	
80	55.	.04825	81	43.	.03927	82	45.	.04190	83	33.	.03337	
79	98.	.08596	80	53.	.04840	81	39.	.03631	82	38.	.03842	
78	86.	.07544	79	86.	.07854	80	50.	.04655	81	37.	.03741	
77	66.	.05789	78	61.	.05571	79	81.	.07542	80	45.	.04550	
76	50.	.04386	77	58.	.05297	78	63.	.05866	79	67.	.06775	
75	46.	.04035	76	46.	.04201	77	56.	.05214	78	72.	.07280	
74	46.	.04035	75	40.	.03653	76	38.	.03538	77	41.	.04146	
73	51.	.04474	74	44.	.04018	75	41.	.03818	76	35.	.03539	
72	44.	.03860	73	50.	.04566	74	43.	.04004	75	26.	.02629	
71	38.	.03333	72	39.	.03562	73	42.	.03911	74	41.	.04146	
70	39.	.03403	71	42.	.03848	72	39.	.03635	73	35.	.03539	
69	50.	.04398	70	35.	.03187	71	37.	.03402	72	31.	.03134	
68	2.	.00199	69	45.	.04118	70	30.	.02816	71	29.	.02932	
67	25.	.02161	68	2.	.00186	69	39.	.03638	70	24.	.02427	
66	10.	.00896	67	22.	.02023	68	2.	.00165	69	31.	.03134	
65	94.	.08242	66	94.	.08555	67	100.	.09343	68	81.	.08190	
	1140.			1095.			1074.			989.		

TABLE A-19.6
HDDV VEHICLE REGISTRATION FOR JOHNSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.35			11.29			11.99			12.30		
MED VEH AGE	10.72			11.04			11.33			11.65		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1.	.00400	90	3.	.01240	91	1.	.00352	92	0.	.00000	
88	4.	.01600	89	3.	.01240	90	7.	.02465	91	1.	.00394	
87	7.	.02800	88	3.	.01240	89	3.	.01056	90	6.	.02362	
86	10.	.04000	87	9.	.03719	88	5.	.01761	89	4.	.01575	
85	25.	.10000	86	12.	.04959	87	9.	.03169	88	5.	.01969	
84	10.	.04000	85	30.	.12397	86	18.	.06338	87	12.	.04724	
83	4.	.01600	84	11.	.04545	85	36.	.12676	86	19.	.07480	
82	13.	.05200	83	6.	.02479	84	14.	.04930	85	34.	.13386	
81	15.	.06000	82	12.	.04959	83	7.	.02465	84	12.	.04724	
80	18.	.07200	81	16.	.06612	82	15.	.05282	83	6.	.02362	
79	25.	.10000	80	15.	.06198	81	22.	.07746	82	13.	.05118	
78	31.	.12400	79	24.	.09917	80	15.	.05282	81	23.	.09055	
77	14.	.05600	78	32.	.13223	79	24.	.08451	80	15.	.05906	
76	5.	.02000	77	4.	.01653	78	32.	.11268	79	23.	.09055	
75	16.	.06400	76	14.	.05785	77	11.	.03873	78	22.	.08661	
74	15.	.06000	75	17.	.07025	76	8.	.02817	77	9.	.03543	
73	11.	.04400	74	6.	.02479	75	14.	.04930	76	7.	.02756	
72	6.	.02400	73	8.	.03306	74	13.	.04577	75	11.	.04331	
71	4.	.01600	72	2.	.00826	73	8.	.02817	74	12.	.04724	
70	2.	.00643	71	3.	.01119	72	3.	.01184	73	7.	.02756	
69	3.	.01287	70	1.	.00560	71	3.	.01185	72	2.	.00787	
68	0.	.00000	69	3.	.01120	70	2.	.00593	71	2.	.00787	
67	5.	.01931	68	0.	.00000	69	3.	.01185	70	1.	.00394	
66	0.	.00000	67	4.	.01679	68	0.	.00000	69	2.	.00787	
65	6.	.02539	66	4.	.01721	67	10.	.03599	68	6.	.02362	
	250.			242.			284.			254.		

TABLE A-20.1
AUTOMOBILES VEHICLE REGISTRATION FOR KAUFMAN COUNTY

Dallas MSA

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.70		8.88		9.04		9.15	
MED VEH AGE	7.35		7.39		7.60		7.78	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	902.	.04161	90	1119.	.04346	91	1260.	.04720
88	1588.	.07325	89	1832.	.07115	90	1843.	.06904
87	1527.	.07044	88	1907.	.07406	89	1818.	.06811
86	1653.	.07625	87	1683.	.06536	88	1908.	.07148
85	1721.	.07939	86	1854.	.07200	87	1617.	.06058
84	1798.	.08294	85	1948.	.07565	86	1765.	.06612
83	1220.	.05628	84	2005.	.07787	85	1934.	.07245
82	1234.	.05692	83	1367.	.05309	84	2013.	.07541
81	1229.	.05669	82	1455.	.05651	83	1408.	.05275
80	1157.	.05337	81	1412.	.05484	82	1446.	.05417
79	1485.	.06850	80	1326.	.05150	81	1393.	.05218
78	1444.	.06661	79	1592.	.06183	80	1244.	.04660
77	1142.	.05268	78	1482.	.05756	79	1513.	.05668
76	805.	.03713	77	1194.	.04637	78	1363.	.05106
75	424.	.01956	76	775.	.03010	77	1057.	.03960
74	414.	.01910	75	402.	.01561	76	669.	.02506
73	423.	.01951	74	415.	.01612	75	327.	.01225
72	310.	.01430	73	383.	.01487	74	361.	.01352
71	211.	.00973	72	326.	.01266	73	324.	.01214
70	180.	.00829	71	202.	.00785	72	262.	.00982
69	123.	.00570	70	194.	.00754	71	186.	.00697
68	134.	.00617	69	133.	.00518	70	179.	.00669
67	135.	.00625	68	144.	.00560	69	122.	.00459
66	95.	.00438	67	146.	.00568	68	133.	.00496
65	324.	.01493	66	452.	.01755	67	549.	.02057
	21678.			25749.			26694.	
								25938.

TABLE A-20.2
MOTORCYCLE VEHICLE REGISTRATION FOR KAUFMAN COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	9.24		9.48		10.15		11.18	
MED VEH AGE	8.18		8.51		9.53		10.58	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	3.	.00493	91	11.	.01700
88	14.	.02262	89	16.	.02627	90	13.	.02009
87	24.	.03877	88	21.	.03448	89	17.	.02628
86	43.	.06947	87	36.	.05911	88	41.	.06337
85	58.	.09370	86	39.	.06404	87	36.	.05564
84	36.	.05816	85	58.	.09524	86	38.	.05873
83	45.	.07270	84	45.	.07389	85	45.	.06955
82	77.	.12439	83	51.	.08374	84	41.	.06337
81	70.	.11309	82	69.	.11330	83	40.	.06182
80	63.	.10178	81	55.	.09031	82	78.	.12056
79	30.	.04847	80	51.	.08374	81	54.	.08346
78	159.	.25687	79	165.	.27094	80	233.	.36012
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	619.			609.			647.	
								538.

TABLE A-20.3
LDGT1 VEHICLE REGISTRATION FOR KAUFMAN COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.23			9.44			9.84			10.00		
MED VEH AGE	7.19			7.33			7.78			8.03		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	718.	.05564	90	771.	.05196	91	790.	.05251	92	641.	.04290	
88	1097.	.08501	89	1268.	.08546	90	962.	.06394	91	986.	.06599	
87	778.	.06029	88	1051.	.07084	89	1098.	.07298	90	949.	.06351	
86	993.	.07695	87	795.	.05358	88	1009.	.06707	89	1052.	.07041	
85	1036.	.08029	86	1106.	.07454	87	775.	.05151	88	1024.	.06853	
84	994.	.07703	85	1097.	.07394	86	1041.	.06919	87	735.	.04919	
83	699.	.05417	84	1093.	.07367	85	1048.	.06966	86	1053.	.07047	
82	730.	.05657	83	718.	.04839	84	1023.	.06800	85	1002.	.06706	
81	671.	.05200	82	824.	.05554	83	710.	.04719	84	979.	.06552	
80	467.	.03619	81	710.	.04785	82	777.	.05165	83	662.	.04430	
79	717.	.05556	80	492.	.03316	81	656.	.04360	82	722.	.04832	
78	669.	.05184	79	759.	.05116	80	451.	.02998	81	566.	.03788	
77	557.	.04316	78	680.	.04583	79	747.	.04965	80	408.	.02731	
76	358.	.02774	77	573.	.03862	78	654.	.04347	79	679.	.04544	
75	222.	.01720	76	389.	.02622	77	543.	.03609	78	578.	.03868	
74	291.	.02255	75	244.	.01645	76	393.	.02612	77	473.	.03166	
73	282.	.02185	74	326.	.02197	75	232.	.01542	76	339.	.02269	
72	324.	.02511	73	273.	.01840	74	274.	.01821	75	199.	.01332	
71	185.	.01434	72	311.	.02096	73	273.	.01815	74	254.	.01700	
70	183.	.01419	71	188.	.01268	72	307.	.02039	73	238.	.01593	
69	190.	.01472	70	192.	.01292	71	178.	.01182	72	271.	.01814	
68	61.	.00471	69	199.	.01341	70	181.	.01204	71	157.	.01051	
67	88.	.00684	68	64.	.00429	69	188.	.01250	70	160.	.01071	
66	106.	.00821	67	92.	.00623	68	60.	.00399	69	166.	.01111	
65	488.	.03782	66	622.	.04193	67	675.	.04487	68	649.	.04343	
	12904.			14837.			15045.			14942.		

TABLE A-20.4
LDGT2 VEHICLE REGISTRATION FOR KAUFMAN COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.01			8.45			8.96			9.07		
MED VEH AGE	6.28			6.84			7.48			7.86		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	127.	.07401	90	111.	.05830	91	117.	.06207	92	103.	.05662	
88	117.	.06818	89	141.	.07405	90	84.	.04456	91	114.	.06267	
87	97.	.05653	88	114.	.05987	89	128.	.06790	90	86.	.04728	
86	177.	.10315	87	93.	.04884	88	117.	.06207	89	130.	.07147	
85	145.	.08450	86	199.	.10452	87	77.	.04085	88	112.	.06157	
84	166.	.09674	85	154.	.08088	86	199.	.10557	87	72.	.03958	
83	102.	.05944	84	167.	.08771	85	148.	.07851	86	173.	.09511	
82	97.	.05653	83	101.	.05305	84	152.	.08064	85	139.	.07642	
81	62.	.03613	82	124.	.06513	83	104.	.05517	84	149.	.08191	
80	55.	.03205	81	65.	.03414	82	108.	.05729	83	106.	.05827	
79	136.	.07925	80	56.	.02941	81	64.	.03395	82	92.	.05058	
78	93.	.05420	79	142.	.07458	80	53.	.02812	81	54.	.02969	
77	72.	.04196	78	86.	.04517	79	135.	.07162	80	56.	.03079	
76	83.	.04837	77	77.	.04044	78	84.	.04456	79	104.	.05717	
75	59.	.03438	76	84.	.04412	77	70.	.03714	78	73.	.04013	
74	37.	.02156	75	63.	.03309	76	77.	.04085	77	61.	.03353	
73	22.	.01282	74	35.	.01838	75	47.	.02493	76	66.	.03628	
72	15.	.00874	73	33.	.01733	74	32.	.01698	75	47.	.02584	
71	9.	.00524	72	13.	.00683	73	30.	.01592	74	21.	.01154	
70	10.	.00582	71	5.	.00241	72	12.	.00659	73	23.	.01264	
69	7.	.00388	70	9.	.00483	71	5.	.00247	72	8.	.00440	
68	2.	.00091	69	6.	.00322	70	9.	.00494	71	3.	.00165	
67	9.	.00546	68	1.	.00075	69	6.	.00330	70	6.	.00330	
66	2.	.00089	67	9.	.00452	68	1.	.00077	69	4.	.00220	
65	16.	.00926	66	16.	.00842	67	25.	.01324	68	17.	.00935	
	1716.			1904.			1885.			1819.		

TABLE A-20.5
HDGT VEHICLE REGISTRATION FOR KAUFMAN COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	12.99			13.58			13.98			13.77		
MED VEH AGE	11.66			12.43			13.06			13.23		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	13.	.01991	90	9.	.01404	91	19.	.02992	92	7.	.01207	
88	19.	.02910	89	22.	.03432	90	15.	.02362	91	26.	.04483	
87	10.	.01531	88	20.	.03120	89	20.	.03150	90	15.	.02586	
86	32.	.04900	87	9.	.01404	88	14.	.02205	89	20.	.03448	
85	30.	.04594	86	31.	.04836	87	12.	.01890	88	16.	.02759	
84	33.	.05054	85	29.	.04524	86	32.	.05039	87	11.	.01897	
83	19.	.02910	84	33.	.05148	85	31.	.04882	86	34.	.05862	
82	26.	.03982	83	18.	.02808	84	29.	.04567	85	34.	.05862	
81	34.	.05207	82	24.	.03744	83	19.	.02992	84	34.	.05862	
80	31.	.04747	81	28.	.04368	82	20.	.03150	83	21.	.03621	
79	48.	.07351	80	31.	.04836	81	25.	.03937	82	15.	.02586	
78	48.	.07351	79	48.	.07488	80	35.	.05512	81	19.	.03276	
77	36.	.05513	78	43.	.06708	79	44.	.06929	80	28.	.04828	
76	26.	.03982	77	35.	.05460	78	40.	.06299	79	44.	.07586	
75	22.	.03369	76	19.	.02964	77	34.	.05354	78	35.	.06034	
74	25.	.03828	75	28.	.04368	76	19.	.02992	77	25.	.04310	
73	39.	.05972	74	31.	.04836	75	29.	.04567	76	17.	.02931	
72	33.	.05054	73	35.	.05460	74	30.	.04724	75	22.	.03793	
71	23.	.03522	72	24.	.03744	73	32.	.05039	74	28.	.04828	
70	16.	.02463	71	15.	.02362	72	18.	.02881	73	25.	.04310	
69	15.	.02259	70	17.	.02578	71	14.	.02264	72	14.	.02414	
68	1.	.00107	69	15.	.02364	70	16.	.02471	71	11.	.01897	
67	17.	.02603	68	1.	.00112	69	14.	.02265	70	12.	.02069	
66	2.	.00292	67	17.	.02723	68	1.	.00107	69	11.	.01897	
65	56.	.08508	66	59.	.09206	67	73.	.11429	68	56.	.09655	
	653.			641.			635.			580.		

TABLE A-20.6
HDDV VEHICLE REGISTRATION FOR KAUFMAN COUNTY

1989			1990			1991			1992		
AVG VEH AGE	11.88				10.74			10.98			11.44
MED VEH AGE	11.28				9.75			10.31			10.40
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	5.	.04065	91	5.	.03788	92	0.	.00000
88	3.	.02400	89	0.	.00000	90	3.	.02273	91	5.	.03968
87	3.	.02400	88	5.	.04065	89	4.	.03030	90	5.	.03968
86	3.	.02400	87	4.	.03252	88	4.	.03030	89	5.	.03968
85	3.	.02400	86	11.	.08943	87	2.	.01515	88	4.	.03175
84	7.	.05600	85	7.	.05691	86	6.	.04545	87	3.	.02381
83	4.	.03200	84	13.	.10569	85	13.	.09848	86	7.	.05556
82	4.	.03200	83	3.	.02439	84	12.	.09091	85	13.	.10317
81	9.	.07200	82	6.	.04878	83	6.	.04545	84	15.	.11905
80	12.	.09600	81	10.	.08130	82	7.	.05303	83	4.	.03175
79	10.	.08000	80	6.	.04878	81	13.	.09848	82	5.	.03968
78	16.	.12800	79	5.	.04065	80	7.	.05303	81	10.	.07937
77	7.	.05600	78	11.	.08943	79	8.	.06061	80	6.	.04762
76	5.	.04000	77	4.	.03252	78	13.	.09848	79	7.	.05556
75	12.	.09600	76	3.	.02439	77	2.	.01515	78	11.	.08730
74	9.	.07200	75	9.	.07317	76	1.	.00758	77	2.	.01587
73	6.	.04800	74	7.	.05691	75	10.	.07576	76	1.	.00794
72	4.	.03200	73	4.	.03252	74	6.	.04545	75	9.	.07143
71	1.	.00800	72	4.	.03252	73	3.	.02273	74	5.	.03968
70	4.	.03278	71	1.	.00796	72	2.	.01325	73	1.	.00794
69	0.	.00000	70	3.	.02390	71	1.	.00663	72	2.	.01587
68	0.	.00114	69	0.	.00000	70	3.	.01989	71	1.	.00794
67	0.	.00000	68	0.	.00083	69	0.	.00000	70	3.	.02381
66	0.	.00205	67	0.	.00000	68	0.	.00069	69	0.	.00000
65	3.	.02003	66	2.	.01609	67	2.	.01257	68	2.	.01587
	125.			123.			132.			126.	

TABLE A-21.1
AUTOMOBILE VEHICLE REGISTRATION FOR LIBERTY COUNTY

Houston MSA

YEAR	1989				1990				1991				1992	
AVG VEH AGE	8.89				8.90				8.88				8.94	
MED VEH AGE	8.04				8.01				7.70				7.79	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT			
89	649.	.03157	90	808.	.03724	91	1417.	.05695	92	872.	.03802			
88	1425.	.06931	89	1542.	.07106	90	1633.	.06563	91	1663.	.07252			
87	1297.	.06309	88	1610.	.07420	89	1702.	.06840	90	1534.	.06689			
86	1291.	.06279	87	1358.	.06258	88	1775.	.07134	89	1683.	.07339			
85	1529.	.07437	86	1284.	.05917	87	1493.	.06000	88	1698.	.07404			
84	1581.	.07690	85	1526.	.07033	86	1460.	.05868	87	1385.	.06039			
83	1105.	.05375	84	1579.	.07277	85	1718.	.06905	86	1366.	.05956			
82	1339.	.06513	83	1135.	.05231	84	1775.	.07134	85	1606.	.07003			
81	1491.	.07252	82	1365.	.06291	83	1239.	.04980	84	1590.	.06933			
80	1357.	.06601	81	1509.	.06954	82	1411.	.05671	83	1140.	.04971			
79	1637.	.07962	80	1302.	.06000	81	1540.	.06189	82	1254.	.05468			
78	1510.	.07345	79	1549.	.07139	80	1363.	.05478	81	1285.	.05603			
77	1200.	.05837	78	1423.	.06558	79	1563.	.06282	80	1099.	.04792			
76	837.	.04071	77	1031.	.04751	78	1374.	.05522	79	1236.	.05390			
75	442.	.02150	76	729.	.03360	77	975.	.03918	78	1046.	.04561			
74	424.	.02062	75	353.	.01627	76	625.	.02512	77	733.	.03196			
73	293.	.01425	74	334.	.01539	75	314.	.01262	76	457.	.01993			
72	237.	.01153	73	245.	.01129	74	296.	.01190	75	212.	.00924			
71	156.	.00759	72	233.	.01074	73	219.	.00880	74	203.	.00885			
70	113.	.00551	71	115.	.00531	72	187.	.00753	73	145.	.00632			
69	105.	.00509	70	100.	.00460	71	118.	.00474	72	143.	.00624			
68	0.	.00000	69	92.	.00425	70	102.	.00411	71	90.	.00392			
67	181.	.00881	68	0.	.00000	69	94.	.00379	70	78.	.00340			
66	11.	.00053	67	160.	.00735	68	0.	.00000	69	72.	.00314			
65	349.	.01698	66	317.	.01461	67	488.	.01961	68	343.	.01496			
	20559.			21699.			24882.			22933.				

TABLE A-21.2
MOTORCYCLE VEHICLE REGISTRATION FOR LIBERTY COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	9.04		9.30		9.68		10.76				
MED VEH AGE	8.34		8.62		9.30		10.18				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	1.	.00219	90	4.	.00795	91	15.	.02747	92	8.	.01739
88	10.	.02188	89	25.	.04970	90	19.	.03480	91	14.	.03043
87	25.	.05470	88	22.	.04374	89	40.	.07326	90	13.	.02826
86	33.	.07221	87	33.	.06561	88	22.	.04029	89	31.	.06739
85	37.	.08096	86	38.	.07555	87	28.	.05128	88	20.	.04348
84	28.	.06127	85	31.	.06163	86	39.	.07143	87	23.	.05000
83	32.	.07002	84	26.	.05169	85	36.	.06593	86	36.	.07826
82	47.	.10284	83	38.	.07555	84	30.	.05495	85	29.	.06304
81	46.	.10066	82	56.	.11133	83	30.	.05495	84	25.	.05435
80	62.	.13567	81	40.	.07952	82	46.	.08425	83	25.	.05435
79	28.	.06127	80	51.	.10139	81	33.	.06044	82	33.	.07174
78	108.	.23632	79	139.	.27634	80	208.	.38095	81	203.	.44130
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	457.			503.			546.			460.	

TABLE A-21.3
LDGT1 VEHICLE REGISTRATION FOR LIBERTY COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.87			8.87			8.88			9.06		
MED VEH AGE	7.52			7.32			7.35			7.66		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	616.	.04471	90	862.	.05898	91	1354.	.08052	92	788.	.05075	
88	1120.	.08129	89	1233.	.08437	90	1269.	.07546	91	1297.	.08354	
87	862.	.06256	88	1156.	.07910	89	1277.	.07594	90	1155.	.07439	
86	945.	.06859	87	855.	.05851	88	1157.	.06880	89	1170.	.07536	
85	1010.	.07331	86	892.	.06104	87	877.	.05215	88	1047.	.06744	
84	1184.	.08593	85	957.	.06549	86	1024.	.06089	87	763.	.04914	
83	663.	.04812	84	1152.	.07883	85	1016.	.06042	86	920.	.05926	
82	944.	.06852	83	622.	.04256	84	1257.	.07475	85	948.	.06106	
81	937.	.06801	82	897.	.06138	83	690.	.04103	84	1108.	.07136	
80	626.	.04543	81	868.	.05940	82	910.	.05412	83	631.	.04064	
79	906.	.06576	80	577.	.03948	81	909.	.05406	82	831.	.05352	
78	863.	.06264	79	831.	.05686	80	587.	.03491	81	775.	.04992	
77	681.	.04943	78	831.	.05686	79	847.	.05037	80	522.	.03362	
76	494.	.03585	77	632.	.04325	78	823.	.04894	79	732.	.04715	
75	284.	.02061	76	466.	.03189	77	623.	.03705	78	667.	.04296	
74	254.	.01844	75	252.	.01724	76	446.	.02652	77	499.	.03214	
73	250.	.01814	74	248.	.01697	75	239.	.01421	76	341.	.02196	
72	223.	.01619	73	227.	.01553	74	251.	.01493	75	172.	.01108	
71	170.	.01234	72	226.	.01546	73	208.	.01237	74	187.	.01204	
70	124.	.00898	71	154.	.01053	72	191.	.01133	73	152.	.00979	
69	124.	.00898	70	112.	.00767	71	160.	.00949	72	154.	.00992	
68	0.	.00000	69	112.	.00767	70	116.	.00692	71	129.	.00831	
67	148.	.01078	68	0.	.00000	69	116.	.00692	70	94.	.00605	
66	8.	.00055	67	135.	.00921	68	0.	.00000	69	94.	.00605	
65	343.	.02487	66	317.	.02172	67	469.	.02790	68	350.	.02254	
	13778.			14614.			16816.			15526.		

TABLE A-21.4
LDGT2 VEHICLE REGISTRATION FOR LIBERTY COUNTY

1989			1990			1991			1992		
AVG VEH AGE	8.05		8.05		8.17		8.02				
MED VEH AGE	6.77		6.63		6.97		6.91				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	120.	.06572	90	166.	.08474	91	243.	.10691	92	218.	.10111
88	157.	.08598	89	191.	.09750	90	168.	.07391	91	216.	.10019
87	71.	.03888	88	155.	.07912	89	199.	.08755	90	149.	.06911
86	129.	.07065	87	68.	.03471	88	157.	.06907	89	182.	.08442
85	159.	.08708	86	138.	.07044	87	63.	.02772	88	135.	.06262
84	200.	.10953	85	146.	.07453	86	154.	.06775	87	62.	.02876
83	100.	.05476	84	184.	.09393	85	158.	.06951	86	127.	.05891
82	141.	.07722	83	82.	.04186	84	181.	.07963	85	147.	.06818
81	91.	.04984	82	119.	.06075	83	86.	.03784	84	159.	.07375
80	74.	.04053	81	79.	.04033	82	129.	.05675	83	80.	.03711
79	135.	.07393	80	77.	.03931	81	87.	.03828	82	103.	.04777
78	117.	.06407	79	121.	.06177	80	72.	.03168	81	75.	.03479
77	76.	.04162	78	115.	.05870	79	127.	.05587	80	62.	.02876
76	81.	.04436	77	83.	.04237	78	118.	.05191	79	99.	.04592
75	50.	.02738	76	77.	.03931	77	92.	.04048	78	97.	.04499
74	36.	.01972	75	44.	.02246	76	87.	.03828	77	80.	.03711
73	28.	.01533	74	30.	.01531	75	48.	.02112	76	62.	.02876
72	15.	.00821	73	23.	.01174	74	33.	.01452	75	36.	.01670
71	5.	.00274	72	16.	.00817	73	20.	.00880	74	23.	.01067
70	2.	.00114	71	9.	.00465	72	12.	.00549	73	12.	.00557
69	10.	.00570	70	2.	.00093	71	8.	.00343	72	8.	.00371
68	0.	.00000	69	9.	.00465	70	2.	.00069	71	5.	.00232
67	13.	.00699	68	0.	.00000	69	8.	.00343	70	1.	.00046
66	3.	.00174	67	11.	.00570	68	0.	.00000	69	5.	.00232
65	13.	.00689	66	14.	.00704	67	21.	.00940	68	13.	.00603
1826.			1959.			2273.			2156.		

TABLE A-21.5
HDDT VEHICLE REGISTRATION FOR LIBERTY COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.68			12.01			12.42			12.49		
MED VEH AGE	10.29			11.02			11.41			11.61		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	40.	.03953	90	40.	.04440	91	30.	.03168	92	31.	.03487	
88	60.	.05929	89	41.	.04550	90	34.	.03590	91	33.	.03712	
87	23.	.02273	88	49.	.05438	89	43.	.04541	90	33.	.03712	
86	24.	.02372	87	21.	.02331	88	50.	.05280	89	46.	.05174	
85	47.	.04644	86	23.	.02553	87	20.	.02112	88	48.	.05399	
84	50.	.04941	85	36.	.03996	86	26.	.02746	87	18.	.02025	
83	30.	.02964	84	39.	.04329	85	41.	.04329	86	20.	.02250	
82	76.	.07510	83	26.	.02886	84	53.	.05597	85	38.	.04274	
81	71.	.07016	82	66.	.07325	83	21.	.02218	84	50.	.05624	
80	67.	.06621	81	62.	.06881	82	75.	.07920	83	17.	.01912	
79	62.	.06126	80	46.	.05105	81	60.	.06336	82	75.	.08436	
78	63.	.06225	79	61.	.06770	80	50.	.05280	81	58.	.06524	
77	61.	.06028	78	54.	.05993	79	61.	.06441	80	41.	.04612	
76	38.	.03755	77	45.	.04994	78	55.	.05808	79	54.	.06074	
75	47.	.04644	76	29.	.03219	77	49.	.05174	78	53.	.05962	
74	35.	.03458	75	40.	.04440	76	29.	.03062	77	43.	.04837	
73	36.	.03557	74	33.	.03663	75	38.	.04013	76	22.	.02475	
72	27.	.02668	73	43.	.04772	74	36.	.03801	75	33.	.03712	
71	25.	.02470	72	26.	.02886	73	36.	.03801	74	33.	.03712	
70	22.	.02219	71	15.	.01616	72	21.	.02261	73	29.	.03262	
69	15.	.01526	70	19.	.02155	71	14.	.01507	72	18.	.02025	
68	0.	.00000	69	13.	.01481	70	19.	.02009	71	12.	.01350	
67	17.	.01684	68	0.	.00000	69	13.	.01381	70	16.	.01800	
66	0.	.00000	67	15.	.01635	68	0.	.00000	69	11.	.01237	
65	75.	.07417	66	59.	.06542	67	72.	.07625	68	57.	.06412	
	1012.			901.			947.			889.		

TABLE A-21.6
HDDV VEHICLE REGISTRATION FOR LIBERTY COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.79			10.16			10.52			10.87		
MED VEH AGE	9.50			9.79			10.35			10.39		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	14.	.03373	90	8.	.01975	91	24.	.05381	92	0.	.00000	
88	22.	.05301	89	24.	.05926	90	11.	.02466	91	26.	.06132	
87	4.	.00964	88	22.	.05432	89	21.	.04709	90	10.	.02358	
86	23.	.05542	87	6.	.01481	88	24.	.05381	89	22.	.05189	
85	32.	.07711	86	21.	.05185	87	5.	.01121	88	22.	.05189	
84	28.	.06747	85	34.	.08395	86	26.	.05830	87	5.	.01179	
83	20.	.04819	84	23.	.05679	85	37.	.08296	86	29.	.06840	
82	10.	.02410	83	19.	.04691	84	34.	.07623	85	40.	.09434	
81	39.	.09398	82	17.	.04198	83	12.	.02691	84	36.	.08491	
80	31.	.07470	81	36.	.08889	82	16.	.03587	83	15.	.03538	
79	52.	.12530	80	27.	.06667	81	37.	.08296	82	18.	.04245	
78	32.	.07711	79	37.	.09136	80	28.	.06278	81	37.	.08726	
77	30.	.07229	78	29.	.07160	79	37.	.08296	80	28.	.06604	
76	15.	.03614	77	28.	.06914	78	30.	.06726	79	32.	.07547	
75	9.	.02169	76	16.	.03951	77	24.	.05381	78	29.	.06840	
74	16.	.03855	75	10.	.02469	76	16.	.03587	77	14.	.03302	
73	13.	.03133	74	15.	.03704	75	14.	.03139	76	16.	.03774	
72	6.	.01446	73	13.	.03210	74	17.	.03812	75	7.	.01651	
71	4.	.00964	72	4.	.00988	73	15.	.03363	74	15.	.03538	
70	5.	.01312	71	4.	.01062	72	1.	.00332	73	11.	.02594	
69	4.	.00874	70	4.	.01062	71	4.	.00996	72	1.	.00236	
68	0.	.00000	69	3.	.00708	70	4.	.00996	71	3.	.00708	
67	2.	.00534	68	0.	.00000	69	3.	.00664	70	3.	.00708	
66	0.	.00000	67	2.	.00432	68	0.	.00000	69	2.	.00472	
65	4.	.00895	66	3.	.00685	67	5.	.01048	68	3.	.00708	
	415.			405.			446.			424.		

Houston MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	7.88			7.97			8.04			8.02		
MED VEH AGE	6.53			6.56			6.59			6.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	5160.	.06110	90	5367.	.05988	91	5573.	.05879	92	4982.	.05119	
88	7161.	.08479	89	7549.	.08422	90	7936.	.08372	91	8208.	.08433	
87	6413.	.07593	88	7280.	.08122	89	8146.	.08593	90	8347.	.08576	
86	6737.	.07977	87	7189.	.08021	88	7640.	.08059	89	8301.	.08529	
85	7125.	.08436	86	7021.	.07833	87	6916.	.07296	88	7842.	.08057	
84	6982.	.08267	85	6951.	.07755	86	6919.	.07299	87	6952.	.07143	
83	4953.	.05865	84	6124.	.06832	85	7294.	.07694	86	6928.	.07118	
82	5416.	.06413	83	6176.	.06891	84	6936.	.07317	85	7255.	.07454	
81	5368.	.06356	82	5086.	.05674	83	4803.	.05067	84	6746.	.06931	
80	4796.	.05679	81	4934.	.05505	82	5071.	.05349	83	4571.	.04696	
79	5576.	.06602	80	5139.	.05733	81	4701.	.04959	82	4621.	.04748	
78	5056.	.05987	79	4497.	.05017	80	3937.	.04153	81	4087.	.04199	
77	3756.	.04447	78	4124.	.04601	79	4492.	.04739	80	3267.	.03357	
76	2507.	.02968	77	3202.	.03572	78	3896.	.04110	79	3727.	.03829	
75	1345.	.01593	76	2090.	.02331	77	2834.	.02990	78	3166.	.03253	
74	1192.	.01411	75	1483.	.01654	76	1773.	.01870	77	2248.	.02310	
73	982.	.01163	74	950.	.01060	75	918.	.00968	76	1371.	.01409	
72	817.	.00967	73	845.	.00943	74	873.	.00921	75	686.	.00705	
71	491.	.00581	72	619.	.00690	73	746.	.00787	74	665.	.00683	
70	411.	.00486	71	422.	.00470	72	589.	.00622	73	589.	.00605	
69	365.	.00432	70	405.	.00452	71	393.	.00415	72	483.	.00496	
68	439.	.00519	69	360.	.00401	70	378.	.00399	71	322.	.00331	
67	320.	.00379	68	432.	.00482	69	335.	.00354	70	309.	.00317	
66	133.	.00158	67	316.	.00352	68	403.	.00425	69	274.	.00282	
65	954.	.01130	66	1072.	.01196	67	1292.	.01363	68	1385.	.01423	
	84455.			89625.			94795.			97332.		

TABLE A-22.2
MOTORCYCLE VEHICLE REGISTRATION FOR MONTGOMERY COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	7.92			8.45			8.95			9.50		
MED VEH AGE	7.07			7.50			8.21			8.67		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	52.	.02093	90	54.	.02095	91	55.	.02098	92	84.	.03722	
88	137.	.05513	89	113.	.04406	90	88.	.03356	91	76.	.03367	
87	201.	.08089	88	215.	.08420	89	229.	.08734	90	85.	.03766	
86	299.	.12032	87	225.	.08792	88	150.	.05721	89	195.	.08640	
85	195.	.07847	86	174.	.06814	87	153.	.05835	88	122.	.05405	
84	159.	.06398	85	197.	.07695	86	234.	.08924	87	135.	.05981	
83	181.	.07284	84	202.	.07911	85	223.	.08505	86	182.	.08064	
82	251.	.10101	83	198.	.07734	84	144.	.05492	85	168.	.07444	
81	202.	.08129	82	186.	.07284	83	170.	.06484	84	121.	.05361	
80	194.	.07807	81	222.	.08674	82	249.	.09497	83	132.	.05848	
79	140.	.05634	80	162.	.06344	81	184.	.07018	82	219.	.09703	
78	474.	.19074	79	609.	.23830	80	743.	.28337	81	738.	.32698	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	2485.			2554.			2622.			2257.		

TABLE A-22.3
LDGT1 VEHICLE REGISTRATION FOR MONTGOMERY COUNTY

YEAR		1989			1990			1991			1992
AVG VEH AGE		8.16			8.33			8.47			8.49
MED VEH AGE		6.48			6.66			6.78			6.85
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	2397.	.06201	90	2619.	.06343	91	2840.	.06469	92	2510.	.05561
88	3540.	.09158	89	3566.	.08639	90	3592.	.08182	91	3849.	.08527
87	2738.	.07083	88	3278.	.07941	89	3818.	.08697	90	3625.	.08031
86	3283.	.08493	87	3338.	.08085	88	3392.	.07726	89	3816.	.08454
85	3145.	.08136	86	2943.	.07128	87	2740.	.06241	88	3355.	.07433
84	3253.	.08415	85	3223.	.07807	86	3192.	.07271	87	2708.	.06000
83	2042.	.05282	84	2542.	.06158	85	3042.	.06929	86	3178.	.07041
82	2640.	.06829	83	2877.	.06968	84	3113.	.07091	85	3020.	.06691
81	2332.	.06033	82	2130.	.05160	83	1928.	.04392	84	3009.	.06666
80	1574.	.04072	81	2005.	.04856	82	2435.	.05546	83	1825.	.04043
79	2248.	.05815	80	2163.	.05240	81	2078.	.04733	82	2301.	.05098
78	2022.	.05231	79	1742.	.04219	80	1461.	.03328	81	1899.	.04207
77	1658.	.04289	78	1839.	.04454	79	2019.	.04599	80	1284.	.02845
76	1219.	.03153	77	1520.	.03682	78	1821.	.04148	79	1821.	.04034
75	609.	.01575	76	1037.	.02512	77	1465.	.03337	78	1557.	.03449
74	623.	.01612	75	819.	.01983	76	1014.	.02310	77	1229.	.02723
73	594.	.01537	74	548.	.01326	75	501.	.01141	76	840.	.01861
72	564.	.01459	73	526.	.01274	74	488.	.01112	75	399.	.00884
71	363.	.00939	72	418.	.01013	73	473.	.01077	74	426.	.00944
70	304.	.00787	71	349.	.00846	72	505.	.01150	73	400.	.00886
69	321.	.00831	70	303.	.00733	71	322.	.00734	72	423.	.00937
68	134.	.00347	69	319.	.00774	70	279.	.00636	71	270.	.00598
67	224.	.00578	68	133.	.00323	69	295.	.00672	70	234.	.00518
66	113.	.00291	67	222.	.00539	68	123.	.00280	69	247.	.00547
65	716.	.01853	66	824.	.01997	67	966.	.02200	68	912.	.02021
38656.			41279.			43902.			45137.		

TABLE A-22.4
LDGT2 VEHICLE REGISTRATION FOR MONTGOMERY COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.32		8.45		8.56		8.53	
MED VEH AGE	7.04		7.25		7.42		7.48	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	145.	.03401	90	220.	.04804	91	294.	.06032
88	330.	.07739	89	349.	.07627	90	367.	.07530
87	169.	.03963	88	285.	.06238	89	401.	.08227
86	353.	.08279	87	361.	.07890	88	368.	.07550
85	357.	.08372	86	264.	.05767	87	170.	.03488
84	451.	.10577	85	386.	.08448	86	321.	.06586
83	313.	.07341	84	328.	.07168	85	342.	.07017
82	335.	.07856	83	375.	.08207	84	415.	.08515
81	168.	.03940	82	226.	.04946	83	284.	.05827
80	173.	.04057	81	234.	.05121	82	295.	.06053
79	333.	.07810	80	250.	.05472	81	167.	.03426
78	281.	.06590	79	220.	.04804	80	158.	.03242
77	277.	.06496	78	293.	.06413	79	309.	.06340
76	210.	.04925	77	224.	.04903	78	238.	.04883
75	121.	.02838	76	182.	.03983	77	243.	.04986
74	59.	.01384	75	120.	.02626	76	181.	.03714
73	61.	.01431	74	76.	.01652	75	90.	.01847
72	36.	.00844	73	51.	.01116	74	66.	.01354
71	15.	.00352	72	28.	.00613	73	41.	.00841
70	17.	.00405	71	16.	.00350	72	38.	.00771
69	8.	.00187	70	19.	.00414	71	14.	.00283
68	6.	.00151	69	9.	.00191	70	16.	.00334
67	11.	.00268	68	7.	.00154	69	8.	.00154
66	7.	.00157	67	13.	.00274	68	6.	.00124
65	27.	.00639	66	37.	.00815	67	43.	.00878
	4264.			4569.			4874.	
							5074.	

TABLE A-22.5
HDGT VEHICLE REGISTRATION FOR MONTGOMERY COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	10.85			11.10			11.35			11.18		
MED VEH AGE	9.95			10.13			10.38			10.19		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	31.	.01675	90	48.	.02572	91	64.	.03474	92	73.	.03935	
88	85.	.04592	89	76.	.04116	90	67.	.03637	91	85.	.04582	
87	46.	.02485	88	62.	.03358	89	78.	.04235	90	75.	.04043	
86	77.	.04160	87	83.	.04495	88	89.	.04832	89	82.	.04420	
85	91.	.04916	86	70.	.03791	87	49.	.02660	88	98.	.05283	
84	127.	.06861	85	108.	.05822	86	88.	.04777	87	56.	.03019	
83	92.	.04970	84	96.	.05172	85	99.	.05375	86	105.	.05660	
82	155.	.08374	83	141.	.07609	84	126.	.06840	85	104.	.05606	
81	126.	.06807	82	109.	.05876	83	91.	.04940	84	138.	.07439	
80	101.	.05457	81	117.	.06309	82	132.	.07166	83	87.	.04690	
79	154.	.08320	80	127.	.06851	81	99.	.05375	82	126.	.06792	
78	142.	.07672	79	114.	.06174	80	86.	.04669	81	98.	.05283	
77	123.	.06645	78	124.	.06715	79	125.	.06786	80	77.	.04151	
76	64.	.03458	77	95.	.05118	78	125.	.06786	79	101.	.05445	
75	66.	.03566	76	88.	.04739	77	109.	.05917	78	101.	.05445	
74	83.	.04484	75	73.	.03953	76	63.	.03420	77	101.	.05445	
73	66.	.03566	74	60.	.03222	75	53.	.02877	76	57.	.03073	
72	50.	.02701	73	56.	.03033	74	62.	.03366	75	43.	.02318	
71	29.	.01567	72	44.	.02383	73	59.	.03203	74	49.	.02642	
70	26.	.01424	71	26.	.01412	72	32.	.01738	73	49.	.02642	
69	32.	.01725	70	25.	.01342	71	24.	.01288	72	27.	.01456	
68	9.	.00464	69	30.	.01625	70	23.	.01224	71	20.	.01078	
67	12.	.00640	68	8.	.00437	69	27.	.01482	70	19.	.01024	
66	6.	.00307	67	11.	.00603	68	7.	.00399	69	23.	.01240	
65	59.	.03166	66	60.	.03272	67	65.	.03533	68	61.	.03288	
	1851.			1847.			1842.			1855.		

TABLE A-22.6
HDDV VEHICLE REGISTRATION FOR MONTGOMERY COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	10.45			10.46			10.42			10.58		
MED VEH AGE	9.80			9.85			9.93			9.50		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	15.	.02355	90	20.	.02855	91	24.	.03292	92	11.	.01427	
88	29.	.04553	89	34.	.04905	90	38.	.05213	91	36.	.04669	
87	19.	.02983	88	29.	.04173	89	38.	.05213	90	43.	.05577	
86	28.	.04396	87	32.	.04612	88	35.	.04801	89	42.	.05447	
85	34.	.05338	86	30.	.04319	87	25.	.03429	88	38.	.04929	
84	56.	.08791	85	43.	.06296	86	30.	.04115	87	33.	.04280	
83	22.	.03454	84	31.	.04466	85	39.	.05350	86	37.	.04799	
82	29.	.04553	83	48.	.06955	84	66.	.09053	85	49.	.06355	
81	41.	.06436	82	40.	.05783	83	38.	.05213	84	79.	.10246	
80	57.	.08948	81	46.	.06662	82	34.	.04664	83	35.	.04540	
79	44.	.06907	80	49.	.07101	81	53.	.07270	82	34.	.04410	
78	65.	.10204	79	57.	.08346	80	49.	.06722	81	47.	.06096	
77	40.	.06279	78	44.	.06369	79	47.	.06447	80	48.	.06226	
76	25.	.03925	77	43.	.06296	78	61.	.08368	79	53.	.06874	
75	21.	.03297	76	29.	.04173	77	36.	.04938	78	57.	.07393	
74	21.	.03297	75	22.	.03221	76	23.	.03155	77	30.	.03891	
73	29.	.04553	74	23.	.03294	75	16.	.02195	76	20.	.02594	
72	18.	.02826	73	17.	.02416	74	15.	.02058	75	12.	.01556	
71	6.	.00942	72	11.	.01611	73	16.	.02195	74	12.	.01556	
70	13.	.02064	71	4.	.00636	72	13.	.01734	73	15.	.01946	
69	6.	.00918	70	13.	.01908	71	3.	.00473	72	11.	.01427	
68	3.	.00431	69	6.	.00848	70	10.	.01420	71	3.	.00389	
67	3.	.00474	68	3.	.00398	69	5.	.00631	70	9.	.01167	
66	3.	.00539	67	3.	.00438	68	2.	.00296	69	4.	.00519	
65	10.	.01540	66	13.	.01922	67	13.	.01756	68	13.	.01686	
	637.			683.			729.			771.		

TABLE A-23.1
AUTOMOBILE VEHICLE REGISTRATION FOR NUECES COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.15		8.28		8.33		8.39	
MED VEH AGE	6.95		6.90		7.00		7.16	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	6501.	.04742	90	8769.	.06202	91	10307.	.07022
88	12045.	.08786	89	10591.	.07490	90	11240.	.07657
87	9951.	.07258	88	10659.	.07539	89	10105.	.06884
86	10686.	.07794	87	9741.	.06889	88	10712.	.07298
85	11036.	.08050	86	10451.	.07391	87	9696.	.06605
84	10915.	.07961	85	10835.	.07663	86	10560.	.07194
83	7822.	.05705	84	10781.	.07625	85	10823.	.07373
82	9184.	.06699	83	7724.	.05463	84	10777.	.07342
81	9314.	.06794	82	8846.	.06256	83	7633.	.05200
80	8144.	.05940	81	8856.	.06263	82	8285.	.05644
79	9345.	.06816	80	7496.	.05302	81	8204.	.05589
78	8241.	.06011	79	8583.	.06070	80	6851.	.04667
77	6094.	.04445	78	7362.	.05207	79	7621.	.05192
76	4165.	.03038	77	5391.	.03813	78	6379.	.04346
75	2347.	.01712	76	3498.	.02474	77	4614.	.03143
74	2131.	.01554	75	1965.	.01390	76	2843.	.01937
73	1795.	.01309	74	1720.	.01216	75	1585.	.01080
72	1554.	.01133	73	1506.	.01065	74	1462.	.00996
71	1110.	.00810	72	1312.	.00928	73	1266.	.00862
70	822.	.00600	71	885.	.00626	72	1064.	.00725
69	717.	.00523	70	771.	.00545	71	795.	.00542
68	707.	.00516	69	672.	.00475	70	693.	.00472
67	559.	.00408	68	663.	.00469	69	603.	.00411
66	249.	.00182	67	524.	.00370	68	595.	.00405
65	1664.	.01213	66	1792.	.01267	67	2077.	.01415
	137098.			141393.			146790.	
								147808.

TABLE A-23.2
MOTORCYCLE VEHICLE REGISTRATION FOR NUECES COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.17		9.20		9.52		10.10	
MED VEH AGE	7.31		8.37		8.92		9.34	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	69.	.01951	90	76.	.02488	91	71.	.02341
88	150.	.04241	89	13.	.00426	90	95.	.03132
87	273.	.07718	88	130.	.04255	89	143.	.04715
86	362.	.10235	87	207.	.06776	88	123.	.04055
85	349.	.09867	86	297.	.09722	87	182.	.06001
84	210.	.05937	85	295.	.09656	86	270.	.08902
83	230.	.06503	84	176.	.05761	85	267.	.08803
82	407.	.11507	83	205.	.06710	84	177.	.05836
81	300.	.08482	82	349.	.11424	83	205.	.06759
80	263.	.07436	81	264.	.08642	82	326.	.10748
79	180.	.05089	80	220.	.07201	81	237.	.07814
78	744.	.21035	79	823.	.26939	80	937.	.30894
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	3537.			3055.			3033.	
								2576.

TABLE A-23.3
LDGT1 VEHICLE REGISTRATION FOR NUECES COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.17			8.27			8.47			8.59		
MED VEH AGE	6.49			6.48			6.71			6.95		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	2392.	.04991	90	3585.	.07137	91	3727.	.07133	92	2808.	.05451	
88	4537.	.09466	89	4222.	.08405	90	4133.	.07910	91	3993.	.07751	
87	3846.	.08024	88	3971.	.07905	89	3996.	.07648	90	4027.	.07817	
86	4309.	.08990	87	3677.	.07320	88	3939.	.07539	89	3892.	.07555	
85	4179.	.08719	86	4084.	.08130	87	3580.	.06852	88	3919.	.07607	
84	3485.	.07271	85	3956.	.07875	86	4004.	.07663	87	3445.	.06687	
83	2478.	.05170	84	3399.	.06767	85	3868.	.07403	86	3860.	.07493	
82	3286.	.06856	83	2392.	.04762	84	3285.	.06287	85	3721.	.07223	
81	3175.	.06624	82	3115.	.06201	83	2322.	.04444	84	3124.	.06064	
80	2098.	.04377	81	2964.	.05901	82	2979.	.05702	83	2187.	.04245	
79	2780.	.05800	80	1934.	.03850	81	2758.	.05279	82	2704.	.05249	
78	2330.	.04861	79	2552.	.05080	80	1850.	.03541	81	2454.	.04763	
77	1804.	.03764	78	2119.	.04218	79	2322.	.04444	80	1627.	.03158	
76	1424.	.02971	77	1636.	.03257	78	1953.	.03738	79	1976.	.03836	
75	758.	.01581	76	1311.	.02610	77	1498.	.02867	78	1660.	.03222	
74	843.	.01759	75	665.	.01324	76	1154.	.02209	77	1245.	.02417	
73	720.	.01502	74	757.	.01507	75	632.	.01210	76	939.	.01823	
72	644.	.01344	73	627.	.01248	74	677.	.01296	75	508.	.00986	
71	554.	.01156	72	587.	.01169	73	576.	.01102	74	555.	.01077	
70	423.	.00883	71	489.	.00973	72	493.	.00943	73	468.	.00908	
69	341.	.00712	70	405.	.00806	71	457.	.00874	72	396.	.00769	
68	114.	.00239	69	327.	.00650	70	378.	.00724	71	367.	.00712	
67	321.	.00670	68	110.	.00218	69	305.	.00584	70	304.	.00590	
66	118.	.00247	67	307.	.00612	68	102.	.00196	69	245.	.00476	
65	970.	.02023	66	1042.	.02074	67	1260.	.02411	68	1094.	.02124	
	47930.			50232.			52248.			51518.		

TABLE A-23.4
LDGT2 VEHICLE REGISTRATION FOR NUECES COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.28			8.40			8.47			8.49		
MED VEH AGE	7.01			6.97			7.21			7.37		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	255.	.04847	90	336.	.06198	91	462.	.08196	92	407.	.07280	
88	376.	.07147	89	359.	.06622	90	425.	.07539	91	461.	.08245	
87	247.	.04695	88	391.	.07213	89	352.	.06244	90	425.	.07602	
86	478.	.09086	87	232.	.04280	88	351.	.06227	89	357.	.06385	
85	490.	.09314	86	456.	.08412	87	236.	.04187	88	355.	.06349	
84	495.	.09409	85	471.	.08688	86	440.	.07806	87	232.	.04150	
83	286.	.05436	84	481.	.08873	85	457.	.08107	86	397.	.07101	
82	420.	.07983	83	291.	.05368	84	453.	.08036	85	442.	.07906	
81	263.	.04999	82	412.	.07600	83	253.	.04488	84	427.	.07637	
80	224.	.04258	81	251.	.04630	82	392.	.06954	83	233.	.04167	
79	401.	.07622	80	220.	.04058	81	243.	.04311	82	325.	.05813	
78	296.	.05626	79	357.	.06586	80	199.	.03530	81	211.	.03774	
77	275.	.05227	78	273.	.05036	79	327.	.05801	80	173.	.03094	
76	189.	.03592	77	246.	.04538	78	245.	.04346	79	291.	.05205	
75	140.	.02661	76	170.	.03136	77	214.	.03796	78	211.	.03774	
74	101.	.01920	75	121.	.02232	76	161.	.02856	77	167.	.02987	
73	90.	.01711	74	92.	.01697	75	101.	.01792	76	130.	.02325	
72	49.	.00931	73	76.	.01402	74	86.	.01526	75	84.	.01502	
71	40.	.00760	72	38.	.00701	73	73.	.01295	74	65.	.01163	
70	28.	.00524	71	27.	.00496	72	37.	.00651	73	57.	.01019	
69	32.	.00617	70	23.	.00422	71	24.	.00420	72	31.	.00554	
68	7.	.00132	69	27.	.00496	70	20.	.00357	71	20.	.00358	
67	15.	.00283	68	6.	.00106	69	24.	.00420	70	17.	.00304	
66	9.	.00178	67	12.	.00228	68	5.	.00090	69	20.	.00358	
65	55.	.01042	66	53.	.00982	67	58.	.01024	68	53.	.00948	
	5261.			5421.			5637.			5591.		

TABLE A-23.5
HDGV VEHICLE REGISTRATION FOR NUECES COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	10.74		10.93		11.14		10.97	
MED VEH AGE	9.39		9.85		10.30		10.37	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	98.	.02763	90	156.	.04501	91	157.	.04397
88	143.	.04032	89	171.	.04934	90	199.	.05573
87	106.	.02988	88	135.	.03895	89	172.	.04817
86	186.	.05244	87	100.	.02885	88	131.	.03668
85	241.	.06794	86	179.	.05164	87	96.	.02688
84	187.	.05272	85	207.	.05972	86	168.	.04705
83	113.	.03186	84	181.	.05222	85	213.	.05965
82	275.	.07753	83	103.	.02972	84	188.	.05265
81	322.	.09078	82	249.	.07184	83	114.	.03192
80	260.	.07330	81	297.	.08569	82	259.	.07253
79	291.	.08204	80	227.	.06549	81	299.	.08373
78	194.	.05469	79	250.	.07213	80	227.	.06357
77	157.	.04426	78	191.	.05511	79	227.	.06357
76	119.	.03355	77	131.	.03780	78	187.	.05237
75	148.	.04173	76	109.	.03145	77	122.	.03416
74	128.	.03609	75	143.	.04126	76	105.	.02940
73	119.	.03355	74	119.	.03433	75	129.	.03612
72	84.	.02368	73	114.	.03289	74	107.	.02996
71	68.	.01917	72	74.	.02135	73	98.	.02744
70	44.	.01246	71	61.	.01751	72	61.	.01715
69	49.	.01380	70	39.	.01115	71	57.	.01606
68	14.	.00397	69	43.	.01235	70	37.	.01023
67	51.	.01449	68	12.	.00355	69	40.	.01132
66	5.	.00141	67	45.	.01297	68	12.	.00326
65	144.	.04071	66	131.	.03768	67	166.	.04643
	3547.			3466.			3571.	
								3458.

TABLE A-23.6
HDGV VEHICLE REGISTRATION FOR NUECES COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	10.55		10.90		10.92		11.47	
MED VEH AGE	9.75		10.02		10.45		11.11	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	22.	.01639	90	23.	.01745	91	42.	.02929
88	35.	.02608	89	35.	.02656	90	45.	.03138
87	37.	.02757	88	33.	.02504	89	44.	.03068
86	63.	.04694	87	34.	.02580	88	45.	.03138
85	81.	.06036	86	63.	.04780	87	36.	.02510
84	62.	.04620	85	84.	.06373	86	79.	.05509
83	39.	.02906	84	71.	.05387	85	105.	.07322
82	94.	.07004	83	44.	.03338	84	80.	.05579
81	170.	.12668	82	96.	.07284	83	44.	.03068
80	91.	.06781	81	174.	.13202	82	111.	.07741
79	154.	.11475	80	88.	.06677	81	190.	.13250
78	99.	.07377	79	139.	.10546	80	82.	.05718
77	70.	.05216	78	94.	.07132	79	148.	.10321
76	47.	.03502	77	66.	.05008	78	87.	.06067
75	47.	.03502	76	40.	.03035	77	56.	.03905
74	55.	.04098	75	46.	.03490	76	36.	.02510
73	72.	.05365	74	46.	.03490	75	42.	.02929
72	28.	.02086	73	58.	.04401	74	41.	.02859
71	17.	.01267	72	23.	.01745	73	43.	.02999
70	25.	.01836	71	18.	.01370	72	17.	.01182
69	5.	.00344	70	18.	.01371	71	18.	.01261
68	0.	.00026	69	3.	.00257	70	18.	.01261
67	5.	.00404	68	0.	.00019	69	3.	.00237
66	0.	.00000	67	4.	.00302	68	0.	.00018
65	24.	.01786	66	17.	.01309	67	21.	.01481
	1342.			1318.			1434.	
								1313.

TABLE A-24.1
AUTOMOBILE VEHICLE REGISTRATION FOR ORANGE COUNTY

Beaumont - Port Arthur MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.65			8.65			8.47			8.51		
MED VEH AGE	7.63			7.32			7.12			7.17		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	776.	.02072	90	1086.	.02809	91	2459.	.05883	92	1851.	.04585	
88	2462.	.06574	89	2760.	.07139	90	2984.	.07139	91	3118.	.07724	
87	2645.	.07063	88	3071.	.07943	89	3201.	.07659	90	2993.	.07414	
86	2947.	.07869	87	2693.	.06966	88	3228.	.07723	89	3152.	.07808	
85	2946.	.07867	86	2885.	.07462	87	2767.	.06620	88	3128.	.07748	
84	3218.	.08593	85	2947.	.07623	86	2947.	.07051	87	2628.	.06510	
83	2221.	.05931	84	3172.	.08205	85	2938.	.07029	86	2836.	.07025	
82	2398.	.06403	83	2220.	.05742	84	3193.	.07639	85	2796.	.06926	
81	2643.	.07058	82	2278.	.05892	83	2175.	.05204	84	3009.	.07454	
80	2576.	.06879	81	2416.	.06249	82	2148.	.05139	83	1978.	.04900	
79	2841.	.07586	80	2318.	.05996	81	2284.	.05465	82	1907.	.04724	
78	2515.	.06716	79	2453.	.06345	80	2026.	.04847	81	1930.	.04781	
77	2081.	.05557	78	2193.	.05672	79	2180.	.05216	80	1691.	.04189	
76	1333.	.03560	77	1788.	.04625	78	1912.	.04575	79	1815.	.04496	
75	767.	.02048	76	1103.	.02853	77	1532.	.03665	78	1521.	.03768	
74	647.	.01728	75	601.	.01555	76	940.	.02249	77	1155.	.02861	
73	478.	.01276	74	522.	.01350	75	485.	.01160	76	672.	.01665	
72	403.	.01076	73	407.	.01053	74	414.	.00991	75	359.	.00889	
71	270.	.00721	72	331.	.00856	73	329.	.00787	74	285.	.00706	
70	192.	.00512	71	203.	.00526	72	284.	.00679	73	237.	.00587	
69	181.	.00483	70	182.	.00469	71	197.	.00471	72	225.	.00557	
68	172.	.00460	69	171.	.00443	70	176.	.00420	71	156.	.00386	
67	198.	.00529	68	163.	.00422	69	166.	.00396	70	139.	.00344	
66	34.	.00092	67	187.	.00485	68	158.	.00377	69	131.	.00324	
65	505.	.01348	66	510.	.01320	67	674.	.01614	68	658.	.01630	
	37449.			38661.			41796.			40370.		

TABLE A-24.2
MOTORCYCLE VEHICLE REGISTRATION FOR ORANGE COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.59			9.18			9.59			10.45		
MED VEH AGE	7.80			8.54			9.08			9.87		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	6.	.00599	90	7.	.00696	91	20.	.02058	92	19.	.02309	
88	34.	.03393	89	32.	.03181	90	28.	.02881	91	19.	.02309	
87	58.	.05788	88	45.	.04473	89	42.	.04321	90	28.	.03402	
86	84.	.08383	87	61.	.06064	88	40.	.04115	89	29.	.03524	
85	81.	.08084	86	92.	.09145	87	60.	.06173	88	35.	.04253	
84	63.	.06287	85	83.	.08250	86	99.	.10185	87	53.	.06440	
83	85.	.08483	84	56.	.05567	85	73.	.07510	86	81.	.09842	
82	113.	.11277	83	62.	.06163	84	60.	.06173	85	59.	.07169	
81	116.	.11577	82	120.	.11928	83	55.	.05658	84	46.	.05589	
80	97.	.09681	81	110.	.10934	82	106.	.10905	83	49.	.05954	
79	64.	.06387	80	94.	.09344	81	93.	.09568	82	80.	.09721	
78	201.	.20060	79	244.	.24254	80	296.	.30453	81	325.	.39490	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	1002.			1006.			972.			823.		

TABLE A-24.3
LDGT1 VEHICLE REGISTRATION FOR ORANGE COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	9.46		9.40		8.99		9.01	
MED VEH AGE	8.08		8.01		7.38		7.44	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	310.	.01672	90	553.	.02743	91	1663.	.07371
88	1144.	.06170	89	1627.	.08071	90	1658.	.07349
87	1218.	.06569	88	1513.	.07506	89	1773.	.07859
86	1305.	.07038	87	1193.	.05918	88	1558.	.06906
85	1416.	.07637	86	1329.	.06593	87	1251.	.05545
84	1414.	.07626	85	1413.	.07010	86	1385.	.06139
83	1066.	.05749	84	1420.	.07044	85	1454.	.06445
82	1290.	.06958	83	1018.	.05050	84	1429.	.06334
81	1344.	.07249	82	1234.	.06122	83	1015.	.04499
80	961.	.05183	81	1268.	.06290	82	1219.	.05403
79	1253.	.06758	80	905.	.04490	81	1216.	.05390
78	1194.	.06440	79	1195.	.05928	80	838.	.03714
77	960.	.05178	78	1132.	.05616	79	1140.	.05053
76	745.	.04018	77	916.	.04544	78	1071.	.04747
75	380.	.02050	76	672.	.03334	77	818.	.03626
74	387.	.02087	75	360.	.01786	76	620.	.02748
73	331.	.01785	74	372.	.01845	75	328.	.01454
72	319.	.01721	73	301.	.01493	74	305.	.01352
71	234.	.01262	72	297.	.01473	73	266.	.01179
70	232.	.01252	71	228.	.01133	72	272.	.01206
69	204.	.01102	70	221.	.01099	71	203.	.00902
68	65.	.00350	69	195.	.00967	70	197.	.00874
67	219.	.01179	68	62.	.00307	69	174.	.00769
66	100.	.00538	67	208.	.01034	68	55.	.00244
65	450.	.02430	66	525.	.02604	67	653.	.02893
	18541.			20158.			22561.	
								22311.

TABLE A-24.4
LDGT2 VEHICLE REGISTRATION FOR ORANGE COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	9.10		8.93		8.60		8.54	
MED VEH AGE	7.82		7.64		7.41		7.41	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	17.	.01291	90	40.	.02732	91	124.	.07631
88	62.	.04708	89	133.	.09085	90	104.	.06400
87	42.	.03189	88	89.	.06079	89	147.	.09046
86	118.	.08960	87	49.	.03347	88	92.	.05662
85	112.	.08504	86	107.	.07309	87	55.	.03385
84	139.	.10554	85	117.	.07992	86	120.	.07385
83	84.	.06378	84	141.	.09631	85	117.	.07200
82	103.	.07821	83	87.	.05943	84	129.	.07938
81	65.	.04935	82	109.	.07445	83	91.	.05600
80	62.	.04708	81	66.	.04508	82	102.	.06277
79	100.	.07593	80	50.	.03415	81	65.	.04000
78	86.	.06530	79	93.	.06352	80	52.	.03200
77	73.	.05543	78	76.	.05191	79	94.	.05785
76	100.	.07593	77	72.	.04918	78	67.	.04123
75	44.	.03341	76	92.	.06284	77	64.	.03938
74	29.	.02202	75	41.	.02801	76	81.	.04985
73	21.	.01595	74	26.	.01776	75	39.	.02400
72	19.	.01443	73	18.	.01230	74	24.	.01477
71	7.	.00532	72	18.	.01230	73	15.	.00923
70	3.	.00215	71	8.	.00546	72	10.	.00610
69	11.	.00860	70	3.	.00182	71	7.	.00407
68	2.	.00161	69	11.	.00729	70	2.	.00136
67	3.	.00246	68	2.	.00136	69	9.	.00543
66	4.	.00281	67	3.	.00209	68	2.	.00101
65	11.	.00818	66	14.	.00931	67	14.	.00849
	1317.			1464.			1625.	
								1659.

TABLE A-24.5
HDGT VEHICLE REGISTRATION FOR ORANGE COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	12.73			12.63			12.94			12.89		
MED VEH AGE	11.77			11.94			12.30			12.31		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	11.	.01794	90	8.	.01286	91	19.	.02888	92	8.	.01262	
88	12.	.01958	89	26.	.04180	90	16.	.02432	91	30.	.04732	
87	6.	.00979	88	19.	.03055	89	21.	.03191	90	20.	.03155	
86	27.	.04405	87	10.	.01608	88	21.	.03191	89	26.	.04101	
85	18.	.02936	86	23.	.03698	87	12.	.01824	88	20.	.03155	
84	36.	.05873	85	30.	.04823	86	22.	.03343	87	10.	.01577	
83	20.	.03263	84	35.	.05627	85	37.	.05623	86	29.	.04574	
82	30.	.04894	83	25.	.04019	84	39.	.05927	85	35.	.05521	
81	31.	.05057	82	22.	.03537	83	19.	.02888	84	41.	.06467	
80	38.	.06199	81	44.	.07074	82	28.	.04255	83	20.	.03155	
79	42.	.06852	80	35.	.05627	81	43.	.06535	82	26.	.04101	
78	46.	.07504	79	36.	.05788	80	39.	.05927	81	40.	.06309	
77	46.	.07504	78	48.	.07717	79	43.	.06535	80	39.	.06151	
76	37.	.06036	77	33.	.05305	78	43.	.06535	79	37.	.05836	
75	29.	.04731	76	34.	.05466	77	41.	.06231	78	41.	.06467	
74	32.	.05220	75	33.	.05305	76	36.	.05471	77	33.	.05205	
73	22.	.03589	74	30.	.04823	75	31.	.04711	76	28.	.04416	
72	24.	.03915	73	16.	.02572	74	31.	.04711	75	30.	.04732	
71	16.	.02610	72	22.	.03537	73	13.	.01976	74	24.	.03785	
70	23.	.03786	71	18.	.02910	72	10.	.01486	73	12.	.01893	
69	20.	.03315	70	19.	.03106	71	18.	.02788	72	8.	.01262	
68	3.	.00461	69	17.	.02719	70	20.	.02975	71	15.	.02366	
67	10.	.01621	68	2.	.00378	69	17.	.02604	70	16.	.02524	
66	0.	.00010	67	8.	.01329	68	2.	.00362	69	14.	.02208	
65	34.	.05489	66	28.	.04509	67	37.	.05590	68	32.	.05047	
	613.			622.			658.			634.		

TABLE A-24.6
HDDV VEHICLE REGISTRATION FOR ORANGE COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.13			11.72			11.71			11.73		
MED VEH AGE	10.58			11.05			11.36			11.60		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	1.	.00532	91	4.	.01702	92	1.	.00429	
88	4.	.02174	89	1.	.00532	90	9.	.03830	91	6.	.02575	
87	4.	.02174	88	4.	.02128	89	1.	.00426	90	13.	.05579	
86	9.	.04891	87	4.	.02128	88	6.	.02553	89	3.	.01288	
85	3.	.01630	86	5.	.02660	87	3.	.01277	88	4.	.01717	
84	8.	.04348	85	8.	.04255	86	3.	.01277	87	4.	.01717	
83	2.	.01087	84	11.	.05851	85	20.	.08511	86	8.	.03433	
82	8.	.04348	83	4.	.02128	84	18.	.07660	85	21.	.09013	
81	20.	.10870	82	6.	.03191	83	8.	.03404	84	20.	.08584	
80	23.	.12500	81	24.	.12766	82	8.	.03404	83	7.	.03004	
79	19.	.10326	80	25.	.13298	81	31.	.13191	82	8.	.03433	
78	25.	.13587	79	19.	.10106	80	18.	.07660	81	36.	.15451	
77	13.	.07065	78	24.	.12766	79	24.	.10213	80	17.	.07296	
76	10.	.05435	77	10.	.05319	78	25.	.10638	79	22.	.09442	
75	9.	.04891	76	10.	.05319	77	10.	.04255	78	20.	.08584	
74	7.	.03804	75	6.	.03191	76	12.	.05106	77	9.	.03863	
73	6.	.03261	74	7.	.03723	75	6.	.02553	76	11.	.04721	
72	3.	.01630	73	6.	.03191	74	7.	.02979	75	2.	.00858	
71	2.	.01087	72	2.	.01064	73	9.	.03830	74	4.	.01717	
70	7.	.03668	71	2.	.01170	72	6.	.02765	73	7.	.03004	
69	2.	.01223	70	7.	.03511	71	1.	.00553	72	5.	.02146	
68	0.	.00000	69	2.	.01171	70	4.	.01660	71	1.	.00429	
67	0.	.00000	68	0.	.00000	69	1.	.00554	70	3.	.01288	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	1.	.00429	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	184.			188.			235.			233.		

Fort Worth - Arlington MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.70			8.69			8.85			9.00		
MED VEH AGE	7.25			6.96			7.15			7.41		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	948.	.03359	90	1408.	.04650	91	1550.	.04747	92	1010.	.03111	
88	1918.	.06796	89	2071.	.06839	90	2212.	.06774	91	2210.	.06807	
87	2088.	.07399	88	2228.	.07358	89	2362.	.07234	90	2355.	.07254	
86	2357.	.08352	87	2206.	.07285	88	2333.	.07145	89	2393.	.07371	
85	2451.	.08685	86	2464.	.08137	87	2331.	.07139	88	2381.	.07334	
84	2291.	.08118	85	2517.	.08312	86	2541.	.07782	87	2324.	.07158	
83	1651.	.05850	84	2329.	.07692	85	2650.	.08116	86	2491.	.07672	
82	1628.	.05769	83	1646.	.05436	84	2368.	.07252	85	2579.	.07943	
81	1729.	.06127	82	1583.	.05228	83	1647.	.05044	84	2300.	.07084	
80	1661.	.05886	81	1700.	.05614	82	1604.	.04912	83	1578.	.04860	
79	1955.	.06927	80	1544.	.05099	81	1637.	.05013	82	1455.	.04481	
78	1637.	.05801	79	1841.	.06080	80	1397.	.04278	81	1491.	.04592	
77	1369.	.04851	78	1531.	.05056	79	1692.	.05182	80	1241.	.03822	
76	978.	.03466	77	1214.	.04009	78	1431.	.04383	79	1480.	.04558	
75	508.	.01800	76	840.	.02774	77	1148.	.03516	78	1209.	.03724	
74	536.	.01899	75	427.	.01410	76	748.	.02291	77	912.	.02809	
73	463.	.01641	74	445.	.01470	75	392.	.01201	76	587.	.01808	
72	404.	.01432	73	405.	.01338	74	411.	.01259	75	312.	.00961	
71	242.	.00858	72	329.	.01087	73	361.	.01106	74	326.	.01004	
70	207.	.00734	71	193.	.00637	72	276.	.00847	73	301.	.00927	
69	175.	.00621	70	200.	.00661	71	194.	.00594	72	231.	.00711	
68	218.	.00772	69	169.	.00559	70	201.	.00617	71	162.	.00499	
67	183.	.00650	68	211.	.00695	69	170.	.00522	70	168.	.00517	
66	39.	.00140	67	177.	.00585	68	212.	.00648	69	142.	.00437	
65	584.	.02069	66	602.	.01989	67	783.	.02399	68	829.	.02553	
	28221.			30280.			32652.			32467.		

TABLE A-25.2
MOTORCYCLE VEHICLE REGISTRATION FOR PARKER COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	9.30		9.92		10.35		10.78				
MED VEH AGE	8.35		9.01		9.82		10.47				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	3.	.00371	91	11.	.01236	92	14.	.01728
88	10.	.01264	89	12.	.01485	90	16.	.01798	91	16.	.01975
87	28.	.03540	88	17.	.02104	89	33.	.03708	90	22.	.02716
86	60.	.07585	87	48.	.05941	88	30.	.03371	89	36.	.04444
85	59.	.07459	86	63.	.07797	87	51.	.05730	88	37.	.04568
84	40.	.05057	85	54.	.06683	86	63.	.07079	87	37.	.04568
83	69.	.08723	84	40.	.04950	85	48.	.05393	86	58.	.07160
82	94.	.11884	83	66.	.08168	84	46.	.05169	85	40.	.04938
81	100.	.12642	82	100.	.12376	83	61.	.06854	84	44.	.05432
80	77.	.09735	81	75.	.09282	82	105.	.11798	83	51.	.06296
79	40.	.05057	80	85.	.10520	81	76.	.08539	82	106.	.13086
78	214.	.27054	79	245.	.30322	80	350.	.39326	81	349.	.43086
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	791.			808.			890.			810.	

TABLE A-25.3
LDGT1 VEHICLE REGISTRATION FOR PARKER COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.44			9.50			9.82			10.00		
MED VEH AGE	7.32			7.18			7.58			7.88		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	866.	.05162	90	1172.	.06597	91	975.	.05293	92	824.	.04435	
88	1221.	.07278	89	1299.	.07312	90	1211.	.06574	91	1162.	.06255	
87	973.	.05800	88	1138.	.06406	89	1337.	.07258	90	1224.	.06588	
86	1445.	.08613	87	1041.	.05860	88	1163.	.06314	89	1331.	.07164	
85	1402.	.08357	86	1471.	.08280	87	1020.	.05537	88	1180.	.06352	
84	1330.	.07928	85	1352.	.07610	86	1490.	.08089	87	1002.	.05393	
83	843.	.05025	84	1263.	.07109	85	1287.	.06987	86	1452.	.07816	
82	977.	.05823	83	824.	.04638	84	1247.	.06770	85	1269.	.06831	
81	858.	.05114	82	915.	.05151	83	799.	.04338	84	1203.	.06475	
80	624.	.03719	81	803.	.04520	82	893.	.04848	83	746.	.04016	
79	865.	.05156	80	579.	.03259	81	782.	.04245	82	829.	.04462	
78	841.	.05013	79	822.	.04627	80	593.	.03219	81	721.	.03881	
77	694.	.04137	78	781.	.04396	79	757.	.04110	80	558.	.03004	
76	535.	.03189	77	658.	.03704	78	767.	.04164	79	690.	.03714	
75	273.	.01627	76	501.	.02820	77	650.	.03529	78	743.	.03999	
74	394.	.02348	75	256.	.01441	76	479.	.02600	77	578.	.03111	
73	394.	.02348	74	347.	.01953	75	242.	.01314	76	424.	.02282	
72	388.	.02313	73	377.	.02122	74	337.	.01830	75	203.	.01093	
71	257.	.01532	72	381.	.02145	73	357.	.01938	74	290.	.01561	
70	263.	.01570	71	244.	.01371	72	343.	.01864	73	325.	.01749	
69	294.	.01752	70	254.	.01431	71	231.	.01253	72	308.	.01658	
68	100.	.00593	69	284.	.01597	70	241.	.01308	71	207.	.01114	
67	127.	.00758	68	96.	.00541	69	269.	.01459	70	216.	.01163	
66	86.	.00512	67	123.	.00691	68	91.	.00494	69	241.	.01297	
65	727.	.04333	66	785.	.04416	67	859.	.04665	68	852.	.04586	
	16777.			17765.			18420.			18578.		

TABLE A-25.4
LDGT2 VEHICLE REGISTRATION FOR PARKER COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	7.69			7.91			8.43			8.59		
MED VEH AGE	5.84			6.28			6.94			7.32		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	216.	.07849	90	290.	.10024	91	213.	.07540	92	206.	.06957	
88	260.	.09448	89	247.	.08538	90	225.	.07965	91	248.	.08376	
87	98.	.03561	88	193.	.06671	89	216.	.07646	90	225.	.07599	
86	276.	.10029	87	99.	.03422	88	189.	.06690	89	214.	.07227	
85	289.	.10501	86	265.	.09160	87	95.	.03363	88	177.	.05978	
84	282.	.10247	85	277.	.09575	86	236.	.08354	87	90.	.03040	
83	169.	.06141	84	271.	.09367	85	255.	.09027	86	242.	.08173	
82	166.	.06032	83	155.	.05358	84	247.	.08743	85	242.	.08173	
81	113.	.04106	82	160.	.05531	83	152.	.05381	84	237.	.08004	
80	83.	.03016	81	95.	.03284	82	143.	.05062	83	153.	.05167	
79	148.	.05378	80	76.	.02627	81	77.	.02726	82	137.	.04627	
78	117.	.04251	79	169.	.05842	80	71.	.02513	81	75.	.02533	
77	132.	.04797	78	104.	.03595	79	127.	.04496	80	73.	.02465	
76	116.	.04215	77	111.	.03837	78	109.	.03858	79	117.	.03951	
75	85.	.03089	76	104.	.03595	77	106.	.03752	78	100.	.03377	
74	55.	.01999	75	74.	.02558	76	103.	.03646	77	96.	.03242	
73	47.	.01708	74	53.	.01832	75	68.	.02407	76	87.	.02938	
72	17.	.00618	73	44.	.01521	74	53.	.01876	75	68.	.02297	
71	20.	.00727	72	17.	.00588	73	42.	.01487	74	47.	.01587	
70	7.	.00260	71	26.	.00893	72	26.	.00908	73	43.	.01452	
69	14.	.00520	70	7.	.00248	71	21.	.00743	72	22.	.00743	
68	5.	.00196	69	14.	.00496	70	6.	.00207	71	18.	.00608	
67	4.	.00161	68	5.	.00187	69	12.	.00413	70	5.	.00169	
66	7.	.00261	67	4.	.00153	68	4.	.00156	69	10.	.00338	
65	25.	.00891	66	32.	.01099	67	29.	.01042	68	29.	.00979	
	2752.			2893.			2825.			2961.		

TABLE A-25.5
HDGV VEHICLE REGISTRATION FOR PARKER COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	13.13		13.67		13.82		13.81	
MED VEH AGE	11.78		12.67		12.97		13.22	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	23.	.02584	90	23.	.02620	91	21.	.02386
88	33.	.03708	89	35.	.03986	90	30.	.03409
87	20.	.02247	88	26.	.02961	89	37.	.04205
86	37.	.04157	87	18.	.02050	88	28.	.03182
85	40.	.04494	86	30.	.03417	87	19.	.02159
84	39.	.04382	85	34.	.03872	86	30.	.03409
83	25.	.02809	84	41.	.04670	85	40.	.04545
82	25.	.02809	83	28.	.03189	84	49.	.05568
81	44.	.04944	82	21.	.02392	83	32.	.03636
80	42.	.04719	81	39.	.04442	82	24.	.02727
79	67.	.07528	80	38.	.04328	81	38.	.04318
78	64.	.07191	79	65.	.07403	80	32.	.03636
77	41.	.04607	78	61.	.06948	79	62.	.07045
76	37.	.04157	77	41.	.04670	78	57.	.06477
75	43.	.04831	76	38.	.04328	77	39.	.04432
74	42.	.04719	75	44.	.05011	76	31.	.03523
73	36.	.04045	74	46.	.05239	75	39.	.04432
72	29.	.03258	73	35.	.03986	74	42.	.04773
71	31.	.03483	72	26.	.02961	73	29.	.03295
70	35.	.03984	71	24.	.02688	72	21.	.02410
69	25.	.02760	70	34.	.03885	71	22.	.02553
68	5.	.00597	69	24.	.02691	70	32.	.03688
67	21.	.02410	68	5.	.00582	69	22.	.02554
66	3.	.00344	67	21.	.02348	68	5.	.00552
65	82.	.09231	66	82.	.09332	67	98.	.11084
	890.			878.			880.	
							836.	

TABLE A-25.6
HDDV VEHICLE REGISTRATION FOR PARKER COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	11.98		12.16		12.08		12.39	
MED VEH AGE	10.96		11.20		11.33		11.36	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	1.	.00498	90	1.	.00485	91	6.	.02778
88	2.	.00995	89	3.	.01456	90	5.	.02315
87	2.	.00995	88	3.	.01456	89	3.	.01389
86	10.	.04975	87	2.	.00971	88	2.	.00926
85	14.	.06965	86	9.	.04369	87	6.	.02778
84	10.	.04975	85	22.	.10680	86	11.	.05093
83	4.	.01990	84	15.	.07282	85	21.	.09722
82	12.	.05970	83	6.	.02913	84	18.	.08333
81	17.	.08458	82	12.	.05825	83	8.	.03704
80	16.	.07960	81	13.	.06311	82	12.	.05556
79	13.	.06468	80	14.	.06796	81	11.	.05093
78	21.	.10448	79	15.	.07282	80	15.	.06944
77	13.	.06468	78	21.	.10194	79	14.	.06481
76	9.	.04478	77	12.	.05825	78	21.	.09722
75	8.	.03980	76	10.	.04854	77	12.	.05556
74	11.	.05473	75	7.	.03398	76	10.	.04630
73	7.	.03483	74	4.	.01942	75	8.	.03704
72	1.	.00498	73	7.	.03398	74	3.	.01389
71	6.	.02985	72	2.	.00971	73	4.	.01852
70	6.	.02807	71	6.	.03086	72	1.	.00523
69	7.	.03511	70	5.	.02471	71	6.	.02616
68	2.	.00760	69	6.	.03090	70	5.	.02093
67	2.	.00761	68	1.	.00668	69	6.	.02617
66	1.	.00548	67	1.	.00670	68	1.	.00566
65	7.	.03553	66	7.	.03607	67	8.	.03622
	201.			206.			216.	
							226.	

TABLE A-26.1
AUTOMOBILE VEHICLE REGISTRATION FOR ROCKWALL COUNTY

Dallas MSA

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.88		7.86		7.77		7.83	
MED VEH AGE	6.05		6.14		6.15		6.25	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	257.	.02006	90	402.	.02847	91	948.	.05851
88	854.	.06667	89	1249.	.08846	90	1341.	.08277
87	1185.	.09251	88	1291.	.09143	89	1533.	.09462
86	1358.	.10601	87	1228.	.08697	88	1426.	.08802
85	1439.	.11233	86	1332.	.09433	87	1295.	.07993
84	1264.	.09867	85	1389.	.09837	86	1340.	.08271
83	880.	.06870	84	1210.	.08569	85	1435.	.08857
82	833.	.06503	83	838.	.05935	84	1174.	.07246
81	731.	.05706	82	795.	.05630	83	832.	.05135
80	663.	.05176	81	683.	.04837	82	739.	.04561
79	769.	.06003	80	626.	.04433	81	654.	.04037
78	634.	.04949	79	704.	.04986	80	557.	.03438
77	465.	.03630	78	575.	.04072	79	678.	.04185
76	309.	.02412	77	445.	.03152	78	561.	.03463
75	173.	.01351	76	282.	.01997	77	390.	.02407
74	174.	.01358	75	162.	.01147	76	262.	.01617
73	167.	.01304	74	152.	.01076	75	135.	.00833
72	136.	.01062	73	150.	.01062	74	138.	.00852
71	74.	.00578	72	114.	.00807	73	143.	.00883
70	71.	.00555	71	48.	.00340	72	91.	.00564
69	53.	.00410	70	71.	.00504	71	52.	.00319
68	74.	.00581	69	53.	.00372	70	76.	.00471
67	64.	.00498	68	74.	.00527	69	56.	.00348
66	5.	.00040	67	64.	.00452	68	80.	.00492
65	178.	.01390	66	183.	.01297	67	265.	.01633
	12810.			14120.			16201.	
								16503.

TABLE A-26.2
MOTORCYCLE VEHICLE REGISTRATION FOR ROCKWALL COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.51		8.94		9.22		9.68	
MED VEH AGE	7.48		8.12		8.82		9.30	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	1.	.00278	91	10.	.02571
88	6.	.01760	89	9.	.02500	90	11.	.02828
87	26.	.07625	88	17.	.04722	89	18.	.04627
86	32.	.09384	87	31.	.08611	88	20.	.05141
85	25.	.07331	86	40.	.11111	87	34.	.08740
84	29.	.08504	85	36.	.10000	86	37.	.09512
83	26.	.07625	84	26.	.07222	85	26.	.06684
82	55.	.16129	83	15.	.04167	84	23.	.05913
81	35.	.10264	82	41.	.11389	83	19.	.04884
80	25.	.07331	81	31.	.08611	82	46.	.11825
79	16.	.04692	80	28.	.07778	81	36.	.09254
78	66.	.19355	79	85.	.23611	80	109.	.28021
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	341.			360.			389.	
								347.

TABLE A-26.3
LDGT1 VEHICLE REGISTRATION FOR ROCKWALL COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.33		8.31		8.42		8.62	
MED VEH AGE	5.91		6.16		6.36		6.65	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	205.	.03835	90	338.	.05800	91	450.	.06852
88	492.	.09205	89	550.	.09437	90	508.	.07736
87	460.	.08606	88	521.	.08940	89	605.	.09213
86	572.	.10702	87	422.	.07241	88	565.	.08604
85	486.	.09093	86	554.	.09506	87	439.	.06685
84	505.	.09448	85	452.	.07756	86	551.	.08390
83	327.	.06118	84	486.	.08339	85	463.	.07050
82	297.	.05557	83	320.	.05491	84	498.	.07583
81	253.	.04733	82	283.	.04856	83	328.	.04995
80	195.	.03648	81	245.	.04204	82	258.	.03929
79	239.	.04471	80	173.	.02968	81	250.	.03807
78	228.	.04266	79	250.	.04290	80	169.	.02573
77	170.	.03181	78	225.	.03861	79	258.	.03929
76	145.	.02713	77	154.	.02642	78	216.	.03289
75	74.	.01384	76	138.	.02368	77	174.	.02650
74	95.	.01777	75	72.	.01235	76	134.	.02041
73	92.	.01721	74	86.	.01476	75	67.	.01020
72	89.	.01665	73	83.	.01424	74	86.	.01310
71	56.	.01048	72	86.	.01476	73	87.	.01325
70	54.	.01011	71	49.	.00846	72	75.	.01141
69	55.	.01034	70	50.	.00866	71	49.	.00743
68	23.	.00427	69	52.	.00886	70	50.	.00761
67	51.	.00952	68	21.	.00366	69	51.	.00778
66	17.	.00314	67	47.	.00815	68	21.	.00321
65	165.	.03090	66	170.	.02914	67	215.	.03276
	5345.			5828.			6567.	
								6576.

TABLE A-26.4
LDGT2 VEHICLE REGISTRATION FOR ROCKWALL COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	7.85		8.14		8.33		8.08	
MED VEH AGE	5.83		6.35		6.78		6.69	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	33.	.04948	90	41.	.05942	91	54.	.07448
88	50.	.07496	89	59.	.08551	90	55.	.07586
87	33.	.04948	88	48.	.06957	89	59.	.08138
86	79.	.11844	87	33.	.04783	88	53.	.07310
85	88.	.13193	86	65.	.09420	87	29.	.04000
84	61.	.09145	85	78.	.11304	86	57.	.07862
83	42.	.06297	84	60.	.08696	85	71.	.09793
82	39.	.05847	83	39.	.05652	84	60.	.08276
81	18.	.02699	82	44.	.06377	83	39.	.05379
80	24.	.03598	81	16.	.02319	82	33.	.04552
79	39.	.05847	80	18.	.02609	81	16.	.02207
78	40.	.05997	79	41.	.05942	80	23.	.03172
77	23.	.03448	78	32.	.04638	79	40.	.05517
76	26.	.03898	77	26.	.03768	78	31.	.04276
75	24.	.03598	76	27.	.03913	77	18.	.02483
74	14.	.02099	75	19.	.02754	76	21.	.02897
73	9.	.01349	74	12.	.01739	75	21.	.02897
72	5.	.00750	73	6.	.00870	74	13.	.01793
71	2.	.00300	72	6.	.00870	73	9.	.01241
70	3.	.00415	71	1.	.00207	72	4.	.00560
69	1.	.00208	70	3.	.00414	71	1.	.00187
68	1.	.00219	69	1.	.00207	70	3.	.00373
67	4.	.00551	68	2.	.00218	69	1.	.00187
66	1.	.00110	67	4.	.00550	68	1.	.00197
65	8.	.01196	66	9.	.01303	67	12.	.01670
	667.			690.			725.	
								739.

TABLE A-26.5
HDGT VEHICLE REGISTRATION FOR ROCKWALL COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	11.57			11.61			11.87			11.94		
MED VEH AGE	10.95			11.30			11.58			11.45		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1.	.00407	90	7.	.02692	91	9.	.03586	92	4.	.01639	
88	8.	.03252	89	8.	.03077	90	13.	.05179	91	8.	.03279	
87	15.	.06098	88	11.	.04231	89	5.	.01992	90	15.	.06148	
86	9.	.03659	87	14.	.05385	88	11.	.04382	89	6.	.02459	
85	19.	.07724	86	13.	.05000	87	12.	.04781	88	10.	.04098	
84	12.	.04878	85	19.	.07308	86	11.	.04382	87	15.	.06148	
83	12.	.04878	84	14.	.05385	85	19.	.07570	86	11.	.04508	
82	5.	.02033	83	13.	.05000	84	7.	.02789	85	24.	.09836	
81	10.	.04065	82	5.	.01923	83	14.	.05578	84	9.	.03689	
80	12.	.04878	81	11.	.04231	82	6.	.02390	83	10.	.04098	
79	21.	.08537	80	9.	.03462	81	11.	.04382	82	5.	.02049	
78	13.	.05285	79	20.	.07692	80	13.	.05179	81	11.	.04508	
77	30.	.12195	78	15.	.05769	79	23.	.09163	80	13.	.05328	
76	10.	.04065	77	30.	.11538	78	13.	.05179	79	23.	.09426	
75	11.	.04472	76	7.	.02692	77	22.	.08765	78	13.	.05328	
74	10.	.04065	75	11.	.04231	76	6.	.02390	77	18.	.07377	
73	9.	.03659	74	5.	.01923	75	10.	.03984	76	5.	.02049	
72	7.	.02846	73	8.	.03077	74	3.	.01195	75	8.	.03279	
71	6.	.02439	72	6.	.02308	73	7.	.02789	74	1.	.00410	
70	4.	.01667	71	8.	.03136	72	6.	.02389	73	5.	.02049	
69	8.	.03337	70	4.	.01569	71	7.	.02868	72	5.	.02049	
68	1.	.00385	69	8.	.03139	70	4.	.01434	71	6.	.02459	
67	2.	.00710	68	1.	.00362	69	7.	.02869	70	3.	.01230	
66	2.	.00739	67	2.	.00668	68	1.	.00331	69	6.	.02459	
65	9.	.03731	66	11.	.04204	67	11.	.04452	68	10.	.04098	
	246.			260.			251.			244.		

TABLE A-26.6
HDDV VEHICLE REGISTRATION FOR ROCKWALL COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.70			10.97			10.50			10.62		
MED VEH AGE	9.40			11.17			9.20			8.84		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	0.	.00000	91	3.	.03061	92	0.	.00000	
88	1.	.01250	89	1.	.01389	90	1.	.01020	91	3.	.02655	
87	2.	.02500	88	1.	.01389	89	1.	.01020	90	1.	.00885	
86	5.	.06250	87	2.	.02778	88	3.	.03061	89	1.	.00885	
85	4.	.05000	86	3.	.04167	87	2.	.02041	88	3.	.02655	
84	7.	.08750	85	2.	.02778	86	4.	.04082	87	14.	.12389	
83	8.	.10000	84	9.	.12500	85	11.	.11224	86	5.	.04425	
82	6.	.07500	83	4.	.05556	84	19.	.19388	85	11.	.09735	
81	5.	.06250	82	4.	.05556	83	4.	.04082	84	22.	.19469	
80	5.	.06250	81	3.	.04167	82	5.	.05102	83	3.	.02655	
79	15.	.18750	80	5.	.06944	81	3.	.03061	82	8.	.07080	
78	4.	.05000	79	12.	.16667	80	5.	.05102	81	4.	.03540	
77	7.	.08750	78	7.	.09722	79	11.	.11224	80	6.	.05310	
76	2.	.02500	77	9.	.12500	78	9.	.09184	79	10.	.08850	
75	3.	.03750	76	2.	.02778	77	6.	.06122	78	9.	.07965	
74	2.	.02500	75	2.	.02778	76	1.	.01020	77	5.	.04425	
73	2.	.02500	74	2.	.02778	75	2.	.02041	76	1.	.00885	
72	0.	.00000	73	3.	.04167	74	3.	.03061	75	1.	.00885	
71	1.	.01250	72	0.	.00000	73	3.	.03061	74	1.	.00885	
70	0.	.00000	71	0.	.00451	72	0.	.00000	73	2.	.01770	
69	0.	.00392	70	0.	.00000	71	1.	.00680	72	0.	.00000	
68	0.	.00084	69	0.	.00451	70	0.	.00000	71	1.	.00885	
67	0.	.00000	68	0.	.00097	69	1.	.00680	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00146	69	1.	.00885	
65	1.	.00774	66	0.	.00390	67	1.	.00534	68	1.	.00885	
	80.			72.			98.			113.		

TABLE A-27.1
AUTOMOBILES VEHICLE REGISTRATION FOR SAN PATRICIO COUNTY

Corpus Cristi MSA

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.88		8.81		8.88		8.88	
MED VEH AGE	7.93		7.58		7.60		7.64	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	634.	.02605	90	661.	.02810	91	1316.	.04822
88	1326.	.05448	89	1499.	.06374	90	1866.	.06837
87	1601.	.06578	88	1659.	.07054	89	1821.	.06672
86	1761.	.07236	87	1600.	.06803	88	1841.	.06745
85	2034.	.08358	86	1735.	.07377	87	1667.	.06108
84	1906.	.07832	85	1911.	.08125	86	1889.	.06921
83	1359.	.05584	84	1885.	.08015	85	2063.	.07558
82	1669.	.06858	83	1391.	.05914	84	1983.	.07265
81	1860.	.07643	82	1531.	.06510	83	1432.	.05247
80	1678.	.06895	81	1715.	.07292	82	1550.	.05679
79	1817.	.07466	80	1538.	.06539	81	1699.	.06225
78	1712.	.07035	79	1661.	.07062	80	1458.	.05342
77	1314.	.05399	78	1531.	.06510	79	1534.	.05620
76	852.	.03501	77	115.	.00489	78	1436.	.05261
75	524.	.02153	76	730.	.03104	77	1032.	.03781
74	450.	.01849	75	440.	.01871	76	605.	.02217
73	372.	.01529	74	336.	.01429	75	368.	.01348
72	300.	.01233	73	314.	.01335	74	309.	.01132
71	228.	.00937	72	255.	.01084	73	281.	.01030
70	143.	.00588	71	136.	.00579	72	223.	.00819
69	132.	.00543	70	133.	.00567	71	124.	.00454
68	118.	.00485	69	123.	.00524	70	121.	.00445
67	198.	.00813	68	110.	.00467	69	112.	.00410
66	21.	.00085	67	184.	.00784	68	100.	.00366
65	328.	.01349	66	325.	.01382	67	463.	.01697
	24337.			23519.			27294.	
								25976.

TABLE A-27.2
MOTORCYCLE VEHICLE REGISTRATIO FOR SAN PATRICIO COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	9.04		9.28		9.60		10.40	
MED VEH AGE	8.07		8.46		9.04		9.86	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	0.	.00000	90	0.	.00000	91	4.	.00753
88	6.	.01008	89	7.	.01275	90	14.	.02637
87	40.	.06723	88	20.	.03643	89	15.	.02825
86	43.	.07227	87	40.	.07286	88	18.	.03390
85	50.	.08403	86	50.	.09107	87	34.	.06403
84	39.	.06555	85	56.	.10200	86	59.	.11111
83	44.	.07395	84	32.	.05829	85	51.	.09605
82	71.	.11933	83	40.	.07286	84	30.	.05650
81	61.	.10252	82	64.	.11658	83	38.	.07156
80	52.	.08739	81	51.	.09290	82	68.	.12806
79	38.	.06387	80	46.	.08379	81	40.	.07533
78	151.	.25378	79	143.	.26047	80	160.	.30132
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	595.			549.			531.	
								396.

TABLE A-27.3
LDGT1 VEHICLE REGISTRATION FOR SAN PATRICIO COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	9.04		9.24			9.12			9.17		
MED VEH AGE	7.50		7.77			7.46			7.57		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	362.	.03473	90	490.	.04505	91	793.	.06531	92	576.	.04904
88	633.	.06074	89	759.	.06978	90	845.	.06959	91	893.	.07603
87	689.	.06611	88	741.	.06813	89	843.	.06942	90	833.	.07092
86	827.	.07935	87	661.	.06077	88	804.	.06621	89	842.	.07169
85	916.	.08789	86	802.	.07373	87	697.	.05740	88	767.	.06530
84	791.	.07590	85	847.	.07787	86	855.	.07041	87	685.	.05832
83	611.	.05863	84	731.	.06721	85	885.	.07288	86	804.	.06845
82	771.	.07398	83	532.	.04891	84	757.	.06234	85	825.	.07024
81	786.	.07542	82	705.	.06482	83	554.	.04562	84	703.	.05986
80	552.	.05296	81	719.	.06610	82	718.	.05913	83	520.	.04427
79	692.	.06640	80	467.	.04293	81	683.	.05625	82	648.	.05517
78	658.	.06314	79	626.	.05755	80	466.	.03838	81	592.	.05040
77	90.	.00864	78	557.	.05121	79	623.	.05131	80	396.	.03372
76	363.	.03483	77	420.	.03861	78	532.	.04381	79	527.	.04487
75	214.	.02053	76	314.	.02887	77	397.	.03269	78	434.	.03695
74	246.	.02360	75	188.	.01728	76	309.	.02545	77	345.	.02937
73	186.	.01785	74	205.	.01885	75	170.	.01400	76	262.	.02231
72	182.	.01746	73	174.	.01600	74	176.	.01449	75	141.	.01201
71	162.	.01554	72	169.	.01554	73	173.	.01425	74	150.	.01277
70	121.	.01160	71	137.	.01260	72	155.	.01278	73	124.	.01056
69	130.	.01248	70	111.	.01018	71	126.	.01038	72	122.	.01039
68	25.	.00241	69	119.	.01095	70	102.	.00839	71	99.	.00843
67	123.	.01180	68	23.	.00212	69	109.	.00902	70	80.	.00681
66	35.	.00334	67	113.	.01036	68	21.	.00174	69	86.	.00732
65	257.	.02467	66	267.	.02458	67	349.	.02877	68	291.	.02478
	10422.			10877.			12143.			11745.	

TABLE A-27.4
LDGT2 VEHICLE REGISTRATION FOR SAN PATRICIO COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	8.34		8.56			8.94			9.09		
MED VEH AGE	6.94		7.25			7.75			7.95		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	73.	.05062	90	71.	.05236	91	103.	.06974	92	85.	.06033
88	87.	.06033	89	94.	.06932	90	81.	.05484	91	101.	.07168
87	59.	.04092	88	87.	.06416	89	94.	.06364	90	68.	.04826
86	127.	.08807	87	59.	.04351	88	86.	.05823	89	90.	.06388
85	173.	.11997	86	111.	.08186	87	49.	.03318	88	84.	.05962
84	120.	.08322	85	140.	.10324	86	114.	.07718	87	41.	.02910
83	87.	.06033	84	95.	.07006	85	137.	.09276	86	111.	.07878
82	104.	.07212	83	84.	.06195	84	99.	.06703	85	131.	.09297
81	78.	.05409	82	90.	.06637	83	91.	.06161	84	97.	.06884
80	64.	.04438	81	76.	.05605	82	94.	.06364	83	81.	.05749
79	107.	.07420	80	53.	.03909	81	74.	.05010	82	87.	.06175
78	76.	.05270	79	91.	.06711	80	59.	.03995	81	58.	.04116
77	74.	.05132	78	71.	.05236	79	90.	.06093	80	52.	.03691
76	59.	.04092	77	61.	.04499	78	71.	.04807	79	78.	.05536
75	41.	.02843	76	53.	.03909	77	69.	.04672	78	64.	.04542
74	24.	.01664	75	38.	.02802	76	53.	.03588	77	49.	.03478
73	19.	.01318	74	13.	.00959	75	33.	.02234	76	43.	.03052
72	9.	.00624	73	12.	.00885	74	10.	.00677	75	27.	.01916
71	11.	.00763	72	6.	.00442	73	12.	.00812	74	9.	.00639
70	12.	.00813	71	18.	.01350	72	7.	.00446	73	9.	.00639
69	14.	.00949	70	8.	.00579	71	18.	.01249	72	5.	.00355
68	1.	.00072	69	9.	.00675	70	8.	.00535	71	14.	.00994
67	7.	.00472	68	1.	.00051	69	9.	.00625	70	6.	.00426
66	0.	.00000	67	5.	.00336	68	1.	.00047	69	7.	.00497
65	17.	.01161	66	10.	.00771	67	15.	.01024	68	12.	.00852
	1442.			1356.			1477.			1409.	

TABLE A-27.5
HDGT VEHICLE REGISTRATION FOR SAN PATRICIO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	14.65			14.57			14.97			15.65		
MED VEH AGE	13.35			13.25			13.77			14.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	20.	.02193	90	20.	.02491	91	17.	.01889	92	7.	.00861	
88	18.	.01974	89	14.	.01743	90	28.	.03111	91	19.	.02337	
87	15.	.01645	88	21.	.02615	89	15.	.01667	90	29.	.03567	
86	37.	.04057	87	13.	.01619	88	21.	.02333	89	7.	.00861	
85	39.	.04276	86	31.	.03861	87	12.	.01333	88	19.	.02337	
84	30.	.03289	85	28.	.03487	86	34.	.03778	87	9.	.01107	
83	14.	.01535	84	24.	.02989	85	41.	.04556	86	31.	.03813	
82	32.	.03509	83	17.	.02117	84	33.	.03667	85	38.	.04674	
81	49.	.05373	82	35.	.04359	83	16.	.01778	84	25.	.03075	
80	30.	.03289	81	54.	.06725	82	33.	.03667	83	13.	.01599	
79	57.	.06250	80	31.	.03861	81	48.	.05333	82	32.	.03936	
78	61.	.06689	79	52.	.06476	80	39.	.04333	81	47.	.05781	
77	37.	.04057	78	54.	.06725	79	67.	.07444	80	37.	.04551	
76	48.	.05263	77	30.	.03736	78	60.	.06667	79	60.	.07380	
75	43.	.04715	76	44.	.05479	77	41.	.04556	78	58.	.07134	
74	34.	.03728	75	32.	.03985	76	45.	.05000	77	33.	.04059	
73	48.	.05263	74	31.	.03861	75	37.	.04111	76	39.	.04797	
72	34.	.03728	73	42.	.05230	74	27.	.03000	75	34.	.04182	
71	31.	.03399	72	28.	.03487	73	45.	.05000	74	24.	.02952	
70	32.	.03512	71	27.	.03303	72	30.	.03326	73	35.	.04305	
69	26.	.02811	70	27.	.03305	71	28.	.03081	72	27.	.03321	
68	0.	.00000	69	21.	.02645	70	28.	.03082	71	25.	.03075	
67	30.	.03316	68	0.	.00000	69	22.	.02466	70	25.	.03075	
66	0.	.00000	67	25.	.03118	68	0.	.00000	69	20.	.02460	
65	147.	.16128	66	103.	.12785	67	133.	.14824	68	120.	.14760	
	912.			803.			900.			813.		

TABLE A-27.6
HDDV VEHICLE REGISTRATION FOR SAN PATRICIO COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	12.93			12.47			12.33			12.83		
MED VEH AGE	12.48			11.90			12.32			12.73		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1.	.00305	90	0.	.00000	91	5.	.02941	92	0.	.00000	
88	3.	.00915	89	3.	.02041	90	2.	.01176	91	5.	.02874	
87	3.	.00915	88	3.	.02041	89	5.	.02941	90	3.	.01724	
86	9.	.02744	87	1.	.00680	88	2.	.01176	89	4.	.02299	
85	8.	.02439	86	6.	.04082	87	3.	.01765	88	2.	.01149	
84	7.	.02134	85	7.	.04762	86	7.	.04118	87	3.	.01724	
83	4.	.01220	84	5.	.03401	85	8.	.04706	86	9.	.05172	
82	12.	.03659	83	3.	.02041	84	6.	.03529	85	10.	.05747	
81	18.	.05488	82	7.	.04762	83	6.	.03529	84	6.	.03448	
80	9.	.02744	81	17.	.11565	82	10.	.05882	83	8.	.04598	
79	18.	.05488	80	8.	.05442	81	18.	.10588	82	14.	.08046	
78	14.	.04268	79	15.	.10204	80	7.	.04118	81	15.	.08621	
77	121.	.36890	78	15.	.10204	79	19.	.11176	80	11.	.06322	
76	2.	.00610	77	16.	.10884	78	17.	.10000	79	21.	.12069	
75	10.	.03049	76	2.	.01361	77	15.	.08824	78	18.	.10345	
74	10.	.03049	75	8.	.05442	76	3.	.01765	77	13.	.07471	
73	55.	.16768	74	8.	.05442	75	13.	.07647	76	1.	.00575	
72	8.	.02439	73	9.	.06122	74	6.	.03529	75	11.	.06322	
71	5.	.01524	72	6.	.04082	73	8.	.04706	74	4.	.02299	
70	0.	.00000	71	2.	.01087	72	4.	.02613	73	7.	.04023	
69	2.	.00653	70	0.	.00000	71	1.	.00654	72	4.	.02299	
68	1.	.00227	69	2.	.01088	70	0.	.00000	71	1.	.00575	
67	1.	.00385	68	1.	.00379	69	1.	.00654	70	0.	.00000	
66	0.	.00000	67	1.	.00642	68	0.	.00227	69	1.	.00575	
65	7.	.02089	66	3.	.02246	67	3.	.01735	68	3.	.01724	
	328.			147.			170.			174.		

Fort Worth - Arlington MSA

YEAR			1989	1990			1991			1992		
AVG VEH AGE		7.83			7.88			7.90			7.90	
MED VEH AGE		6.06			6.15			6.26			6.36	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	38339.	.05694	90	47186.	.06720	91	56547.	.07790	92	53286.	.07407	
88	62230.	.09242	89	61294.	.08729	90	60314.	.08309	91	62459.	.08682	
87	57087.	.08478	88	59990.	.08543	89	58850.	.08107	90	57257.	.07959	
86	61635.	.09154	87	56908.	.08105	88	59180.	.08153	89	56949.	.07916	
85	59899.	.08896	86	59175.	.08427	87	55726.	.07677	88	56790.	.07894	
84	55317.	.08216	85	58244.	.08295	86	57707.	.07950	87	53165.	.07390	
83	38356.	.05697	84	53591.	.07632	85	56831.	.07829	86	55011.	.07646	
82	38315.	.05690	83	37282.	.05310	84	51656.	.07116	85	53691.	.07463	
81	38834.	.05768	82	36258.	.05164	83	35598.	.04904	84	47831.	.06648	
80	35184.	.05225	81	36015.	.05129	82	33487.	.04613	83	32397.	.04503	
79	40776.	.06056	80	31515.	.04488	81	32016.	.04411	82	29152.	.04052	
78	35337.	.05248	79	36561.	.05207	80	27536.	.03793	81	26828.	.03729	
77	27534.	.04089	78	30803.	.04387	79	31712.	.04369	80	22407.	.03115	
76	18636.	.02768	77	23871.	.03400	78	26128.	.03599	79	25657.	.03566	
75	10381.	.01542	76	15579.	.02219	77	19722.	.02717	78	20875.	.02902	
74	10108.	.01501	75	8610.	.01226	76	12669.	.01745	77	15419.	.02143	
73	9001.	.01337	74	8554.	.01218	75	6944.	.00957	76	9716.	.01351	
72	6966.	.01035	73	7687.	.01095	74	7026.	.00968	75	5325.	.00740	
71	4575.	.00679	72	6053.	.00862	73	6427.	.00885	74	5464.	.00759	
70	3773.	.00560	71	3715.	.00529	72	5012.	.00690	73	5068.	.00704	
69	3490.	.00518	70	3541.	.00504	71	3412.	.00470	72	4169.	.00579	
68	0.	.00000	69	3275.	.00466	70	3252.	.00448	71	2838.	.00394	
67	3428.	.00509	68	0.	.00000	69	3008.	.00414	70	2705.	.00376	
66	1684.	.00250	67	3217.	.00458	68	0.	.00000	69	2502.	.00348	
65	12435.	.01847	66	13250.	.01887	67	15123.	.02083	68	12468.	.01733	
673320.			702173.			725883.			719429.			

TABLE A-28.2
MOTORCYCLE VEHICLE REGISTRATION FOR TARRANT COUNTY

1989			1990			1991			1992		
AVG VEH AGE	7.99		8.62			9.33			10.10		
MED VEH AGE	7.21		8.02			8.83			9.52		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	453.	.02355	90	376.	.02060	91	383.	.02185	92	409.	.02776
88	948.	.04928	89	837.	.04585	90	568.	.03241	91	434.	.02945
87	1354.	.07039	88	955.	.05231	89	872.	.04975	90	537.	.03644
86	2125.	.11046	87	1195.	.06546	88	808.	.04610	89	725.	.04920
85	1773.	.09217	86	1828.	.10014	87	1033.	.05894	88	642.	.04357
84	1193.	.06202	85	1621.	.08880	86	1650.	.09415	87	798.	.05415
83	1277.	.06638	84	1050.	.05752	85	1496.	.08536	86	1277.	.08666
82	2335.	.12138	83	1230.	.06738	84	974.	.05557	85	1212.	.08225
81	1709.	.08884	82	2161.	.11838	83	1181.	.06739	84	821.	.05571
80	1606.	.08348	81	1544.	.08458	82	2014.	.11491	83	991.	.06725
79	887.	.04611	80	1448.	.07932	81	1434.	.08182	82	1599.	.10851
78	3577.	.18594	79	4010.	.21967	80	5113.	.29174	81	5291.	.35905
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
19237.			18255.			17526.			14736.		

TABLE A-28.3
LDGT1 VEHICLE REGISTRATION FOR TARRANT COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.77			8.86			8.88			8.98		
MED VEH AGE	6.43			6.55			6.70			6.96		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	7931.	.04048	90	10454.	.05046	91	15202.	.06983	92	13048.	.06082	
88	15488.	.07905	89	17765.	.08575	90	16666.	.07656	91	16651.	.07761	
87	14613.	.07458	88	15930.	.07689	89	17534.	.08054	90	16009.	.07462	
86	20801.	.10617	87	14102.	.06807	88	15678.	.07202	89	16789.	.07826	
85	17563.	.08964	86	19762.	.09539	87	13641.	.06266	88	14874.	.06933	
84	16796.	.08573	85	16835.	.08126	86	18814.	.08642	87	12979.	.06050	
83	11064.	.05647	84	15984.	.07716	85	16076.	.07385	86	17611.	.08209	
82	10884.	.05555	83	10374.	.05008	84	15123.	.06947	85	15015.	.06999	
81	9506.	.04852	82	10340.	.04991	83	9748.	.04478	84	14003.	.06527	
80	7040.	.03593	81	8956.	.04323	82	9724.	.04467	83	8941.	.04168	
79	9854.	.05029	80	6573.	.03173	81	8290.	.03808	82	8714.	.04062	
78	9604.	.04902	79	9179.	.04431	80	5978.	.02746	81	7382.	.03441	
77	7907.	.04036	78	8890.	.04291	79	8420.	.03868	80	5125.	.02389	
76	5459.	.02786	77	7348.	.03547	78	8119.	.03730	79	7386.	.03443	
75	3177.	.01622	76	5062.	.02443	77	6669.	.03064	78	6974.	.03251	
74	3944.	.02013	75	2883.	.01392	76	4540.	.02086	77	5756.	.02683	
73	3946.	.02014	74	3591.	.01733	75	2633.	.01210	76	3861.	.01800	
72	3656.	.01866	73	3602.	.01739	74	3272.	.01503	75	2190.	.01021	
71	2270.	.01159	72	3496.	.01688	73	3300.	.01516	74	2757.	.01285	
70	2305.	.01176	71	2104.	.01015	72	3258.	.01497	73	2721.	.01268	
69	2385.	.01217	70	2227.	.01075	71	1968.	.00904	72	2829.	.01319	
68	0.	.00000	69	2304.	.01112	70	2083.	.00957	71	1709.	.00797	
67	1691.	.00863	68	0.	.00000	69	2156.	.00990	70	1809.	.00843	
66	926.	.00473	67	1633.	.00788	68	0.	.00000	69	1872.	.00873	
65	7118.	.03633	66	7772.	.03752	67	8800.	.04042	68	7530.	.03510	
	195928.			207166.			217692.			214535.		

TABLE A-28.4
LDGT2 VEHICLE REGISTRATION FOR TARRANT COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.30			8.67			8.79			8.88		
MED VEH AGE	6.61			6.97			7.28			7.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	711.	.03894	90	794.	.04276	91	1221.	.06464	92	1322.	.07117	
88	1414.	.07744	89	1407.	.07577	90	1289.	.06824	91	1293.	.06961	
87	919.	.05033	88	1430.	.07701	89	1334.	.07062	90	1232.	.06633	
86	1875.	.10269	87	821.	.04421	88	1326.	.07020	89	1286.	.06923	
85	1764.	.09661	86	1699.	.09149	87	773.	.04092	88	1237.	.06659	
84	1787.	.09787	85	1565.	.08428	86	1559.	.08253	87	707.	.03806	
83	1075.	.05888	84	1613.	.08686	85	1523.	.08062	86	1404.	.07559	
82	1094.	.05992	83	1019.	.05487	84	1511.	.07999	85	1399.	.07532	
81	648.	.03549	82	1065.	.05735	83	951.	.05034	84	1406.	.07569	
80	722.	.03954	81	623.	.03355	82	999.	.05289	83	856.	.04608	
79	1343.	.07355	80	647.	.03484	81	578.	.03060	82	901.	.04851	
78	1040.	.05696	79	1257.	.06769	80	585.	.03097	81	534.	.02875	
77	962.	.05269	78	965.	.05197	79	1116.	.05908	80	523.	.02816	
76	838.	.04590	77	888.	.04782	78	889.	.04706	79	967.	.05206	
75	557.	.03051	76	815.	.04389	77	788.	.04172	78	792.	.04264	
74	425.	.02328	75	530.	.02854	76	710.	.03759	77	685.	.03688	
73	348.	.01906	74	394.	.02122	75	450.	.02382	76	613.	.03300	
72	152.	.00832	73	326.	.01756	74	334.	.01768	75	372.	.02003	
71	102.	.00559	72	148.	.00797	73	294.	.01556	74	273.	.01470	
70	106.	.00583	71	96.	.00515	72	122.	.00644	73	234.	.01260	
69	97.	.00533	70	103.	.00556	71	91.	.00483	72	100.	.00538	
68	0.	.00000	69	94.	.00508	70	99.	.00522	71	75.	.00404	
67	54.	.00294	68	0.	.00000	69	90.	.00477	70	81.	.00436	
66	14.	.00076	67	52.	.00280	68	0.	.00000	69	74.	.00398	
65	212.	.01160	66	219.	.01179	67	259.	.01369	68	209.	.01125	
	18259.			18570.			18890.			18575.		

TABLE A-28.5
HOGT VEHICLE REGISTRATION FOR TARRANT COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.90			9.99			10.04			10.04		
MED VEH AGE	8.50			8.41			8.08			8.25		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	369.	.03640	90	458.	.04646	91	512.	.05196	92	540.	.05616	
88	452.	.04458	89	599.	.06076	90	657.	.06668	91	570.	.05928	
87	434.	.04281	88	456.	.04626	89	618.	.06272	90	675.	.07020	
86	818.	.08069	87	426.	.04321	88	499.	.05064	89	630.	.06552	
85	894.	.08818	86	757.	.07679	87	413.	.04192	88	502.	.05220	
84	850.	.08384	85	836.	.08480	86	666.	.06759	87	387.	.04025	
83	458.	.04518	84	785.	.07963	85	812.	.08241	86	615.	.06396	
82	538.	.05307	83	413.	.04189	84	722.	.07328	85	729.	.07581	
81	507.	.05001	82	489.	.04960	83	342.	.03471	84	640.	.06656	
80	556.	.05484	81	471.	.04778	82	455.	.04618	83	311.	.03234	
79	764.	.07536	80	484.	.04910	81	420.	.04263	82	399.	.04149	
78	614.	.06056	79	654.	.06634	80	451.	.04577	81	388.	.04035	
77	482.	.04754	78	529.	.05366	79	601.	.06100	80	405.	.04212	
76	309.	.03048	77	415.	.04210	78	443.	.04496	79	510.	.05304	
75	310.	.03058	76	265.	.02688	77	401.	.04070	78	404.	.04201	
74	335.	.03304	75	275.	.02790	76	241.	.02446	77	344.	.03577	
73	274.	.02703	74	287.	.02911	75	234.	.02375	76	206.	.02142	
72	198.	.01953	73	239.	.02424	74	249.	.02527	75	205.	.02132	
71	152.	.01499	72	172.	.01745	73	216.	.02192	74	211.	.02194	
70	168.	.01660	71	124.	.01253	72	156.	.01586	73	197.	.02049	
69	171.	.01691	70	148.	.01501	71	109.	.01101	72	131.	.01362	
68	0.	.00000	69	151.	.01529	70	130.	.01319	71	91.	.00946	
67	78.	.00769	68	0.	.00000	69	132.	.01343	70	109.	.01134	
66	39.	.00388	67	69.	.00695	68	0.	.00000	69	111.	.01154	
65	367.	.03620	66	357.	.03623	67	374.	.03795	68	306.	.03182	
	10138.			9858.			9853.			9616.		

TABLE A-28.6
HDDV VEHICLE REGISTRATION FOR TARRANT COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.34			8.41			8.24			8.77		
MED VEH AGE	7.40			6.98			7.07			7.69		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	78.	.02159	90	195.	.05185	91	256.	.06456	92	95.	.02526	
88	149.	.04125	89	189.	.05025	90	318.	.08020	91	245.	.06514	
87	231.	.06395	88	186.	.04945	89	236.	.05952	90	319.	.08482	
86	276.	.07641	87	239.	.06355	88	196.	.04943	89	223.	.05929	
85	385.	.10659	86	282.	.07498	87	255.	.06431	88	184.	.04892	
84	415.	.11489	85	384.	.10210	86	305.	.07692	87	261.	.06940	
83	164.	.04540	84	415.	.11034	85	389.	.09811	86	311.	.08269	
82	270.	.07475	83	173.	.04600	84	413.	.10416	85	353.	.09386	
81	327.	.09053	82	249.	.06621	83	157.	.03960	84	375.	.09971	
80	268.	.07420	81	274.	.07285	82	217.	.05473	83	142.	.03776	
79	291.	.08056	80	246.	.06541	81	224.	.05649	82	192.	.05105	
78	227.	.06285	79	276.	.07338	80	204.	.05145	81	195.	.05185	
77	117.	.03239	78	188.	.04999	79	234.	.05902	80	184.	.04892	
76	56.	.01550	77	104.	.02765	78	157.	.03960	79	209.	.05557	
75	79.	.02187	76	45.	.01196	77	95.	.02396	78	132.	.03510	
74	75.	.02076	75	75.	.01994	76	34.	.00858	77	80.	.02127	
73	61.	.01689	74	60.	.01595	75	62.	.01564	76	33.	.00877	
72	40.	.01107	73	54.	.01436	74	56.	.01412	75	52.	.01383	
71	29.	.00803	72	32.	.00851	73	53.	.01337	74	53.	.01409	
70	20.	.00550	71	25.	.00677	72	29.	.00740	73	46.	.01223	
69	20.	.00550	70	19.	.00496	71	20.	.00505	72	22.	.00585	
68	0.	.00000	69	19.	.00496	70	15.	.00370	71	15.	.00399	
67	10.	.00274	68	0.	.00000	69	15.	.00370	70	11.	.00292	
66	6.	.00165	67	9.	.00247	68	0.	.00000	69	11.	.00292	
65	18.	.00509	66	23.	.00609	67	25.	.00638	68	18.	.00479	
	3612.			3761.			3965.			3761.		

TABLE A-29.1
AUTOMOBILE VEHICLE REGISTRATION FOR TRAVIS COUNTY

Austin MSA

YEAR	1989		1990		1991		1992				
AVG VEH AGE	8.07		8.15		8.12		8.15				
MED VEH AGE	6.33		6.43		6.51		6.65				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	14387.	.04601	90	18522.	.05743	91	25200.	.07370	92	22419.	.06507
88	26215.	.08384	89	26027.	.08070	90	26082.	.07628	91	28373.	.08235
87	25192.	.08057	88	25336.	.07856	89	26669.	.07800	90	26186.	.07600
86	27253.	.08716	87	24972.	.07743	88	26237.	.07673	89	26836.	.07789
85	29170.	.09329	86	26936.	.08352	87	25714.	.07520	88	26210.	.07607
84	27699.	.08859	85	28015.	.08686	86	26913.	.07871	87	25368.	.07363
83	19304.	.06174	84	26405.	.08187	85	27552.	.08058	86	26054.	.07562
82	19306.	.06175	83	18448.	.05720	84	25561.	.07476	85	26327.	.07641
81	19083.	.06103	82	18122.	.05619	83	17698.	.05176	84	24218.	.07029
80	16643.	.05323	81	17516.	.05431	82	17067.	.04991	83	16310.	.04734
79	17421.	.05572	80	14806.	.04591	81	16079.	.04703	82	15422.	.04476
78	15774.	.05045	79	15672.	.04859	80	13257.	.03877	81	14028.	.04072
77	12467.	.03987	78	13879.	.04303	79	14114.	.04128	80	11242.	.03263
76	9060.	.02898	77	10864.	.03369	78	12231.	.03577	79	11848.	.03439
75	5037.	.01611	76	7557.	.02343	77	9397.	.02748	78	10066.	.02922
74	5044.	.01613	75	4130.	.01281	76	6330.	.01851	77	7548.	.02191
73	4490.	.01436	74	4226.	.01310	75	3408.	.00997	76	4989.	.01448
72	3663.	.01172	73	3831.	.01188	74	3548.	.01038	75	2656.	.00771
71	2639.	.00844	72	3130.	.00970	73	3237.	.00947	74	2758.	.00801
70	1922.	.00615	71	2147.	.00666	72	2659.	.00778	73	2591.	.00752
69	1857.	.00594	70	1795.	.00557	71	1972.	.00577	72	2226.	.00646
68	69.	.00022	69	1734.	.00538	70	1648.	.00482	71	1651.	.00479
67	1888.	.00604	68	64.	.00020	69	1592.	.00466	70	1380.	.00401
66	777.	.00249	67	1763.	.00547	68	59.	.00017	69	1333.	.00387
65	6312.	.02019	66	6619.	.02052	67	7698.	.02251	68	6494.	.01885
	312673.			322516.			341922.			344533.	

TABLE A-29.2
MOTORCYCLE VEHICLE REGISTRATION FOR TRAVIS COUNTY

YEAR	1989		1990		1991		1992				
AVG VEH AGE	8.08		8.79		9.49		10.22				
MED VEH AGE	7.13		8.03		8.86		9.54				
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	174.	.01568	90	207.	.01994	91	194.	.01951	92	208.	.02414
88	425.	.03831	89	393.	.03785	90	337.	.03389	91	237.	.02750
87	616.	.05553	88	427.	.04112	89	448.	.04506	90	307.	.03563
86	1138.	.10258	87	548.	.05278	88	373.	.03751	89	398.	.04619
85	1181.	.10645	86	1002.	.09650	87	507.	.05099	88	339.	.03934
84	834.	.07518	85	959.	.09236	86	908.	.09132	87	434.	.05037
83	990.	.08924	84	715.	.06886	85	873.	.08780	86	759.	.08808
82	1467.	.13223	83	903.	.08697	84	625.	.06286	85	740.	.08588
81	1037.	.09347	82	1356.	.13060	83	826.	.08307	84	510.	.05919
80	766.	.06905	81	863.	.08312	82	1236.	.12431	83	692.	.08031
79	462.	.04164	80	722.	.06954	81	796.	.08006	82	1007.	.11686
78	2004.	.18064	79	2288.	.22036	80	2820.	.28362	81	2986.	.34652
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000
	11094.			10383.			9943.			8617.	

TABLE A-29.3
LDGT1 VEHICLE REGISTRATION FOR TRAVIS COUNTY

YEAR	1989		1990			1991			1992		
AVG VEH AGE	8.63		8.77			8.86			8.94		
MED VEH AGE	6.36		6.55			6.83			7.14		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	3969.	.04653	90	4974.	.05693	91	6616.	.07131	92	5778.	.06155
88	6599.	.07737	89	7040.	.08058	90	6499.	.07005	91	7249.	.07722
87	5954.	.06981	88	6129.	.07015	89	6935.	.07475	90	6417.	.06836
86	8253.	.09676	87	5798.	.06637	88	6207.	.06690	89	6912.	.07363
85	8471.	.09932	86	7897.	.09039	87	5871.	.06328	88	6146.	.06547
84	7575.	.08881	85	7935.	.09083	86	7795.	.08402	87	5807.	.06186
83	5070.	.05944	84	7095.	.08121	85	7762.	.08366	86	7599.	.08095
82	5293.	.06206	83	4623.	.05292	84	6926.	.07465	85	7443.	.07929
81	4721.	.05535	82	4866.	.05570	83	4456.	.04803	84	6514.	.06939
80	2976.	.03489	81	4246.	.04860	82	4579.	.04935	83	4118.	.04387
79	3910.	.04584	80	2723.	.03117	81	4098.	.04417	82	4243.	.04520
78	3963.	.04646	79	3545.	.04058	80	2565.	.02765	81	3750.	.03995
77	3139.	.03680	78	3574.	.04091	79	3370.	.03632	80	2322.	.02473
76	2363.	.02770	77	2873.	.03289	78	3397.	.03661	79	3014.	.03211
75	1306.	.01531	76	2097.	.02400	77	2715.	.02926	78	2991.	.03186
74	1681.	.01971	75	1181.	.01352	76	1905.	.02053	77	2405.	.02562
73	1642.	.01925	74	1470.	.01683	75	1058.	.01140	76	1650.	.01758
72	1465.	.01718	73	1488.	.01703	74	1362.	.01468	75	889.	.00947
71	1054.	.01236	72	1315.	.01505	73	1351.	.01456	74	1143.	.01218
70	879.	.01031	71	964.	.01103	72	1241.	.01338	73	1137.	.01211
69	878.	.01029	70	826.	.00945	71	900.	.00971	72	1078.	.01148
68	48.	.00057	69	824.	.00944	70	772.	.00832	71	782.	.00833
67	744.	.00873	68	45.	.00052	69	770.	.00830	70	670.	.00714
66	293.	.00344	67	699.	.00800	68	42.	.00046	69	669.	.00713
65	3047.	.03572	66	3137.	.03591	67	3585.	.03864	68	3150.	.03355
	85294.			87365.			92778.			93876.	

TABLE A-29.4
LDGT2 VEHICLE REGISTRATION FOR TRAVIS COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.42			8.85			9.15			9.29		
MED VEH AGE	6.72			7.15			7.65			8.07		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	300.	.03986	90	365.	.04786	91	452.	.05815	92	550.	.07029	
88	482.	.06404	89	509.	.06675	90	431.	.05545	91	461.	.05891	
87	292.	.03880	88	451.	.05914	89	510.	.06561	90	429.	.05482	
86	681.	.09049	87	258.	.03383	88	426.	.05481	89	500.	.06390	
85	838.	.11135	86	612.	.08025	87	278.	.03576	88	415.	.05304	
84	831.	.11042	85	772.	.10123	86	575.	.07397	87	261.	.03335	
83	470.	.06245	84	781.	.10241	85	726.	.09340	86	557.	.07118	
82	471.	.06258	83	431.	.05652	84	757.	.09739	85	694.	.08869	
81	343.	.04558	82	446.	.05848	83	401.	.05159	84	696.	.08895	
80	283.	.03760	81	319.	.04183	82	419.	.05390	83	387.	.04946	
79	562.	.07467	80	265.	.03475	81	304.	.03911	82	373.	.04767	
78	408.	.05421	79	534.	.07002	80	235.	.03023	81	271.	.03463	
77	392.	.05209	78	403.	.05285	79	506.	.06510	80	208.	.02658	
76	332.	.04411	77	364.	.04773	78	382.	.04914	79	464.	.05930	
75	195.	.02591	76	334.	.04380	77	330.	.04245	78	343.	.04383	
74	169.	.02246	75	175.	.02295	76	306.	.03937	77	294.	.03757	
73	133.	.01767	74	164.	.02151	75	176.	.02264	76	277.	.03540	
72	77.	.01023	73	117.	.01534	74	152.	.01955	75	160.	.02045	
71	43.	.00571	72	75.	.00983	73	112.	.01441	74	132.	.01687	
70	36.	.00478	71	38.	.00500	72	71.	.00907	73	102.	.01304	
69	41.	.00551	70	34.	.00448	71	34.	.00438	72	60.	.00767	
68	1.	.00013	69	39.	.00517	70	31.	.00393	71	29.	.00371	
67	24.	.00320	68	1.	.00012	69	35.	.00454	70	26.	.00332	
66	14.	.00190	67	23.	.00300	68	1.	.00011	69	30.	.00383	
65	107.	.01425	66	116.	.01515	67	124.	.01592	68	106.	.01355	
	7526.			7626.			7773.			7825.		

TABLE A-29.5
HDDT VEHICLE REGISTRATION FOR TRAVIS COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	10.44		10.83		11.17		11.04	
MED VEH AGE	8.91		9.29		9.49		9.34	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	88.	.02157	90	135.	.03511	91	135.	.03690
88	184.	.04511	89	141.	.03667	90	161.	.04400
87	129.	.03163	88	133.	.03459	89	144.	.03936
86	209.	.05124	87	124.	.03225	88	128.	.03498
85	405.	.09929	86	199.	.05176	87	128.	.03498
84	365.	.08948	85	376.	.09779	86	202.	.05521
83	230.	.05639	84	339.	.08817	85	341.	.09319
82	238.	.05835	83	201.	.05228	84	309.	.08445
81	211.	.05173	82	222.	.05774	83	183.	.05001
80	194.	.04756	81	184.	.04785	82	199.	.05439
79	305.	.07477	80	189.	.04915	81	158.	.04318
78	239.	.05859	79	285.	.07412	80	158.	.04318
77	190.	.04658	78	208.	.05410	79	250.	.06832
76	127.	.03114	77	160.	.04161	78	180.	.04919
75	145.	.03555	76	104.	.02705	77	131.	.03580
74	137.	.03359	75	126.	.03277	76	92.	.02514
73	141.	.03457	74	124.	.03225	75	112.	.03061
72	117.	.02868	73	118.	.03069	74	110.	.03006
71	71.	.01741	72	93.	.02419	73	106.	.02897
70	51.	.01239	71	64.	.01664	72	74.	.02028
69	88.	.02160	70	46.	.01188	71	60.	.01629
68	0.	.00000	69	80.	.02071	70	43.	.01164
67	29.	.00719	68	0.	.00000	69	74.	.02028
66	2.	.00053	67	27.	.00689	68	0.	.00000
65	184.	.04508	66	168.	.04374	67	181.	.04958
	4079.			3845.			3659.	
								3656.

TABLE A-29.6
HDDV VEHICLE REGISTRATION FOR TRAVIS COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.18		8.64		8.84		9.27	
MED VEH AGE	6.49		7.01		7.48		8.07	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	31.	.01886	90	35.	.02310	91	79.	.05074
88	77.	.04684	89	64.	.04224	90	68.	.04367
87	95.	.05779	88	61.	.04026	89	52.	.03340
86	121.	.07360	87	88.	.05809	88	74.	.04753
85	226.	.13747	86	109.	.07195	87	91.	.05845
84	223.	.13564	85	197.	.13003	86	120.	.07707
83	99.	.06022	84	203.	.13399	85	204.	.13102
82	91.	.05535	83	99.	.06535	84	187.	.12010
81	121.	.07360	82	83.	.05479	83	87.	.05588
80	94.	.05718	81	107.	.07063	82	78.	.05010
79	143.	.08698	80	81.	.05347	81	97.	.06230
78	82.	.04988	79	123.	.08119	80	72.	.04624
77	45.	.02737	78	68.	.04488	79	105.	.06744
76	26.	.01582	77	42.	.02772	78	66.	.04239
75	33.	.02007	76	21.	.01386	77	43.	.02762
74	44.	.02676	75	34.	.02244	76	20.	.01285
73	21.	.01277	74	29.	.01914	75	25.	.01606
72	27.	.01642	73	22.	.01452	74	26.	.01670
71	14.	.00852	72	19.	.01254	73	17.	.01092
70	4.	.00221	71	13.	.00844	72	15.	.00981
69	9.	.00553	70	2.	.00141	71	13.	.00841
68	0.	.00000	69	5.	.00352	70	2.	.00140
67	2.	.00110	68	0.	.00000	69	5.	.00350
66	0.	.00000	67	1.	.00070	68	0.	.00000
65	16.	.01002	66	9.	.00574	67	10.	.00641
	1644.			1515.			1557.	
								1532.

TABLE A-30.1
AUTOMOBILE VEHICLE REGISTRATION FOR WALLER COUNTY

Houston MSA

YEAR	1989			1990			1991			1992		
AVG VEH AGE	7.67			8.05			8.82			8.83		
MED VEH AGE	6.27			6.69			7.52			7.60		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1145.	.11390	90	1220.	.12297	91	477.	.05036	92	425.	.04412	
88	1168.	.11618	89	689.	.06945	90	685.	.07232	91	707.	.07339	
87	558.	.05551	88	709.	.07146	89	671.	.07084	90	684.	.07101	
86	634.	.06307	87	566.	.05705	88	685.	.07232	89	686.	.07121	
85	691.	.06874	86	635.	.06401	87	549.	.05796	88	705.	.07319	
84	695.	.06913	85	679.	.06844	86	664.	.07010	87	548.	.05689	
83	498.	.04954	84	666.	.06713	85	671.	.07084	86	643.	.06675	
82	596.	.05929	83	496.	.04999	84	644.	.06799	85	695.	.07215	
81	579.	.05759	82	558.	.05624	83	508.	.05363	84	661.	.06862	
80	493.	.04904	81	560.	.05645	82	532.	.05617	83	495.	.05139	
79	625.	.06217	80	469.	.04727	81	529.	.05585	82	512.	.05315	
78	571.	.05680	79	582.	.05866	80	456.	.04814	81	470.	.04879	
77	499.	.04964	78	497.	.05010	79	574.	.06060	80	433.	.04495	
76	314.	.03123	77	458.	.04616	78	450.	.04751	79	504.	.05232	
75	171.	.01701	76	272.	.02742	77	381.	.04022	78	386.	.04007	
74	169.	.01681	75	143.	.01441	76	247.	.02608	77	305.	.03166	
73	134.	.01333	74	153.	.01542	75	111.	.01172	76	182.	.01889	
72	105.	.01044	73	116.	.01169	74	133.	.01404	75	96.	.00997	
71	77.	.00766	72	92.	.00927	73	101.	.01066	74	101.	.01048	
70	59.	.00590	71	65.	.00651	72	79.	.00832	73	83.	.00862	
69	47.	.00463	70	53.	.00536	71	58.	.00615	72	61.	.00633	
68	52.	.00516	69	42.	.00420	70	48.	.00506	71	45.	.00467	
67	33.	.00331	68	46.	.00468	69	38.	.00397	70	37.	.00384	
66	12.	.00122	67	30.	.00300	68	42.	.00441	69	29.	.00301	
65	128.	.01271	66	125.	.01264	67	140.	.01475	68	140.	.01453	
	10053.			9921.			9472.			9633.		

TABLE A-30.2
MOTORCYCLE VEHICLE REGISTRATION FOR WALLER COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.39			9.11			9.93			10.08		
MED VEH AGE	7.27			8.19			9.09			9.25		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	0.	.00000	90	0.	.00000	91	2.	.00897	92	1.	.00571	
88	10.	.03704	89	7.	.03004	90	5.	.02242	91	5.	.02857	
87	19.	.07037	88	12.	.05150	89	5.	.02242	90	4.	.02286	
86	22.	.08148	87	18.	.07725	88	14.	.06278	89	8.	.04571	
85	30.	.11111	86	19.	.08155	87	15.	.06726	88	13.	.07429	
84	14.	.05185	85	23.	.09871	86	20.	.08969	87	10.	.05714	
83	31.	.11481	84	14.	.06009	85	18.	.08072	86	19.	.10857	
82	33.	.12222	83	19.	.08155	84	14.	.06278	85	13.	.07429	
81	18.	.06667	82	24.	.10300	83	16.	.07175	84	11.	.06286	
80	25.	.09259	81	19.	.08155	82	27.	.12108	83	14.	.08000	
79	12.	.04444	80	16.	.06867	81	15.	.06726	82	24.	.13714	
78	56.	.20741	79	62.	.26609	80	72.	.32287	81	53.	.30286	
77	0.	.00000	78	0.	.00000	79	0.	.00000	80	0.	.00000	
76	0.	.00000	77	0.	.00000	78	0.	.00000	79	0.	.00000	
75	0.	.00000	76	0.	.00000	77	0.	.00000	78	0.	.00000	
74	0.	.00000	75	0.	.00000	76	0.	.00000	77	0.	.00000	
73	0.	.00000	74	0.	.00000	75	0.	.00000	76	0.	.00000	
72	0.	.00000	73	0.	.00000	74	0.	.00000	75	0.	.00000	
71	0.	.00000	72	0.	.00000	73	0.	.00000	74	0.	.00000	
70	0.	.00000	71	0.	.00000	72	0.	.00000	73	0.	.00000	
69	0.	.00000	70	0.	.00000	71	0.	.00000	72	0.	.00000	
68	0.	.00000	69	0.	.00000	70	0.	.00000	71	0.	.00000	
67	0.	.00000	68	0.	.00000	69	0.	.00000	70	0.	.00000	
66	0.	.00000	67	0.	.00000	68	0.	.00000	69	0.	.00000	
65	0.	.00000	66	0.	.00000	67	0.	.00000	68	0.	.00000	
	270.			233.			223.			175.		

TABLE A-30.3
LDGT1 VEHICLE REGISTRATION FOR WALLER COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	6.27		6.50		8.70		8.58	
MED VEH AGE	3.46		3.80		7.00		6.94	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	2001.	.25256	90	2478.	.32270	91	647.	.11056
88	1470.	.18554	89	705.	.09181	90	435.	.07433
87	332.	.04190	88	411.	.05352	89	446.	.07621
86	346.	.04367	87	306.	.03985	88	415.	.07092
85	431.	.05440	86	337.	.04389	87	288.	.04921
84	415.	.05238	85	382.	.04975	86	321.	.05485
83	249.	.03143	84	388.	.05053	85	374.	.06391
82	399.	.05036	83	230.	.02995	84	361.	.06169
81	327.	.04127	82	333.	.04337	83	234.	.03999
80	211.	.02663	81	299.	.03894	82	346.	.05913
79	257.	.03244	80	201.	.02618	81	277.	.04733
78	293.	.03698	79	256.	.03334	80	195.	.03332
77	220.	.02777	78	281.	.03659	79	241.	.04118
76	180.	.02272	77	203.	.02644	78	260.	.04443
75	95.	.01199	76	164.	.02136	77	198.	.03383
74	104.	.01313	75	82.	.01068	76	143.	.02444
73	105.	.01325	74	88.	.01146	75	69.	.01179
72	97.	.01224	73	95.	.01237	74	96.	.01640
71	68.	.00858	72	85.	.01107	73	93.	.01589
70	50.	.00629	71	54.	.00704	72	81.	.01377
69	47.	.00595	70	47.	.00606	71	53.	.00898
68	24.	.00299	69	44.	.00573	70	45.	.00773
67	0.	.00000	68	22.	.00288	69	43.	.00731
66	0.	.00000	67	0.	.00000	68	21.	.00367
65	202.	.02553	66	188.	.02452	67	170.	.02912
	7923.			7679.			5852.	
							6010.	

TABLE A-30.4
LDGT2 VEHICLE REGISTRATION FOR WALLER COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	5.53		6.11		8.00		7.51	
MED VEH AGE	3.56		4.44		6.98		6.58	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	424.	.26417	90	417.	.29100	91	136.	.12197
88	284.	.17695	89	169.	.11793	90	75.	.06726
87	44.	.02741	88	59.	.04117	89	92.	.08251
86	90.	.05607	87	37.	.02582	88	58.	.05202
85	98.	.06106	86	78.	.05443	87	37.	.03318
84	122.	.07601	85	96.	.06699	86	68.	.06099
83	71.	.04424	84	98.	.06839	85	93.	.08341
82	76.	.04735	83	55.	.03838	84	95.	.08520
81	41.	.02555	82	74.	.05164	83	62.	.05561
80	50.	.03115	81	32.	.02233	82	70.	.06278
79	65.	.04050	80	42.	.02931	81	32.	.02870
78	51.	.03178	79	53.	.03699	80	43.	.03857
77	64.	.03988	78	49.	.03419	79	50.	.04484
76	52.	.03240	77	49.	.03419	78	50.	.04484
75	26.	.01620	76	48.	.03350	77	47.	.04215
74	9.	.00561	75	26.	.01814	76	42.	.03767
73	13.	.00810	74	7.	.00488	75	19.	.01704
72	7.	.00436	73	14.	.00977	74	10.	.00897
71	4.	.00249	72	7.	.00488	73	12.	.01076
70	2.	.00123	71	11.	.00736	72	8.	.00680
69	0.	.00000	70	2.	.00123	71	8.	.00680
68	2.	.00128	69	0.	.00000	70	1.	.00113
67	0.	.00000	68	2.	.00128	69	0.	.00000
66	2.	.00121	67	0.	.00000	68	1.	.00118
65	8.	.00500	66	9.	.00619	67	6.	.00562
	1605.			1433.			1115.	
							1230.	

TABLE A-30.5
HDGV VEHICLE REGISTRATION FOR WALLER COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	12.30			12.59			13.73			14.10		
MED VEH AGE	10.95			11.77			13.00			13.48		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	27.	.05521	90	47.	.10468	91	19.	.04680	92	16.	.04199	
88	39.	.07975	89	28.	.06236	90	17.	.04187	91	12.	.03150	
87	11.	.02249	88	10.	.02227	89	17.	.04187	90	12.	.03150	
86	20.	.04090	87	6.	.01336	88	13.	.03202	89	20.	.05249	
85	21.	.04294	86	16.	.03563	87	7.	.01724	88	12.	.03150	
84	20.	.04090	85	15.	.03341	86	13.	.03202	87	8.	.02100	
83	12.	.02454	84	14.	.03118	85	14.	.03448	86	11.	.02887	
82	19.	.03885	83	12.	.02673	84	17.	.04187	85	15.	.03937	
81	24.	.04908	82	18.	.04009	83	10.	.02463	84	12.	.03150	
80	20.	.04090	81	21.	.04677	82	16.	.03941	83	13.	.03412	
79	33.	.06748	80	16.	.03563	81	17.	.04187	82	13.	.03412	
78	25.	.05112	79	28.	.06236	80	18.	.04433	81	19.	.04987	
77	18.	.03681	78	23.	.05122	79	25.	.06158	80	18.	.04724	
76	21.	.04294	77	16.	.03563	78	24.	.05911	79	20.	.05249	
75	19.	.03885	76	21.	.04677	77	19.	.04680	78	17.	.04462	
74	26.	.05317	75	19.	.04232	76	17.	.04187	77	16.	.04199	
73	22.	.04499	74	21.	.04677	75	15.	.03695	76	16.	.04199	
72	11.	.02249	73	20.	.04454	74	18.	.04433	75	16.	.04199	
71	13.	.02658	72	9.	.02004	73	19.	.04680	74	18.	.04724	
70	12.	.02446	71	9.	.01899	72	9.	.02212	73	16.	.04199	
69	16.	.03263	70	11.	.02442	71	8.	.01936	72	8.	.02100	
68	2.	.00437	69	15.	.03258	70	10.	.02490	71	7.	.01837	
67	1.	.00187	68	2.	.00437	69	13.	.03321	70	9.	.02362	
66	0.	.00000	67	1.	.00187	68	2.	.00445	69	12.	.03150	
65	57.	.11662	66	52.	.11599	67	49.	.12010	68	45.	.11811	
	489.			449.			406.			381.		

TABLE A-30.6
HDDV VEHICLE REGISTRATION FOR WALLER COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	12.12			11.07			10.61			11.58		
MED VEH AGE	11.07			10.17			9.83			11.05		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	1.	.01370	90	8.	.11594	91	3.	.04478	92	1.	.01149	
88	0.	.00000	89	2.	.02899	90	3.	.04478	91	4.	.04598	
87	0.	.00000	88	1.	.01449	89	1.	.01493	90	3.	.03448	
86	0.	.00000	87	1.	.01449	88	3.	.04478	89	1.	.01149	
85	4.	.05479	86	2.	.02899	87	1.	.01493	88	4.	.04598	
84	9.	.12329	85	4.	.05797	86	6.	.08955	87	2.	.02299	
83	1.	.01370	84	5.	.07246	85	4.	.05970	86	3.	.03448	
82	4.	.05479	83	3.	.04348	84	7.	.10448	85	3.	.03448	
81	8.	.10959	82	2.	.02899	83	3.	.04478	84	11.	.12644	
80	4.	.05479	81	6.	.08696	82	3.	.04478	83	2.	.02299	
79	5.	.06849	80	3.	.04348	81	6.	.08955	82	9.	.10345	
78	7.	.09589	79	5.	.07246	80	2.	.02985	81	10.	.11494	
77	7.	.09589	78	5.	.07246	79	5.	.07463	80	3.	.03448	
76	1.	.01370	77	4.	.05797	78	5.	.07463	79	9.	.10345	
75	4.	.05479	76	0.	.00000	77	4.	.05970	78	5.	.05747	
74	2.	.02740	75	2.	.02899	76	0.	.00000	77	3.	.03448	
73	3.	.04110	74	1.	.01449	75	1.	.01493	76	1.	.01149	
72	5.	.06849	73	5.	.07246	74	2.	.02985	75	1.	.01149	
71	2.	.02740	72	2.	.02899	73	2.	.02985	74	5.	.05747	
70	0.	.00000	71	4.	.05793	72	4.	.05371	73	2.	.02299	
69	0.	.00000	70	0.	.00000	71	1.	.01791	72	3.	.03448	
68	2.	.02491	69	0.	.00000	70	0.	.00000	71	1.	.01149	
67	1.	.00816	68	1.	.01758	69	0.	.00000	70	0.	.00000	
66	2.	.03353	67	0.	.00576	68	0.	.00543	69	0.	.00000	
65	1.	.01559	66	2.	.03467	67	1.	.01249	68	1.	.01149	
	73.			69.			67.			87.		

TABLE A-31.1
AUTOMOBILE VEHICLE REGISTRATION FOR WILLIAMSON COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.31		8.27		8.17		8.20	
MED VEH AGE	6.60		6.50		6.49		6.64	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	2010.	.03140	90	3161.	.04458	91	4897.	.06212
88	4509.	.07044	89	5632.	.07943	90	5907.	.07493
87	5079.	.07935	88	5850.	.08251	89	6546.	.08304
86	6024.	.09411	87	5530.	.07799	88	6479.	.08219
85	6149.	.09606	86	6139.	.08658	87	6020.	.07637
84	5795.	.09053	85	6256.	.08823	86	6406.	.08126
83	4035.	.06304	84	5798.	.08177	85	6407.	.08128
82	3989.	.06232	83	3951.	.05572	84	5823.	.07387
81	4009.	.06263	82	3998.	.05639	83	4000.	.05074
80	3502.	.05471	81	3803.	.05364	82	3906.	.04955
79	3712.	.05799	80	3312.	.04671	81	3573.	.04532
78	3446.	.05384	79	3486.	.04917	80	3085.	.03913
77	2635.	.04117	78	3163.	.04461	79	3226.	.04092
76	1792.	.02800	77	2377.	.03352	78	2810.	.03565
75	1013.	.01583	76	1669.	.02354	77	2152.	.02730
74	1053.	.01645	75	872.	.01230	76	1431.	.01815
73	934.	.01459	74	930.	.01312	75	767.	.00973
72	780.	.01219	73	843.	.01189	74	817.	.01036
71	547.	.00855	72	712.	.01004	73	752.	.00954
70	478.	.00747	71	477.	.00673	72	614.	.00778
69	413.	.00645	70	470.	.00663	71	449.	.00569
68	488.	.00762	69	406.	.00573	70	442.	.00560
67	416.	.00651	68	479.	.00676	69	381.	.00484
66	183.	.00286	67	409.	.00577	68	450.	.00571
65	1018.	.01590	66	1180.	.01664	67	1492.	.01892
	64009.			70903.			78831.	
								80326.

TABLE A-31.2
MOTORCYCLE VEHICLE REGISTRATION FOR WILLIAMSON COUNTY

YEAR	1989		1990		1991		1992	
AVG VEH AGE	8.75		9.31		9.71		10.65	
MED VEH AGE	7.68		8.39		9.06		9.98	
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
89	1.	.00057	90	7.	.00363	91	27.	.01278
88	27.	.01545	89	43.	.02231	90	55.	.02604
87	74.	.04233	88	61.	.03166	89	78.	.03693
86	158.	.09039	87	91.	.04722	88	76.	.03598
85	166.	.09497	86	192.	.09964	87	97.	.04593
84	119.	.06808	85	167.	.08666	86	204.	.09659
83	158.	.09039	84	128.	.06642	85	185.	.08759
82	253.	.14474	83	172.	.08926	84	139.	.06581
81	166.	.09497	82	266.	.13804	83	177.	.08381
80	156.	.08924	81	185.	.09600	82	279.	.13210
79	96.	.05492	80	135.	.07006	81	181.	.08570
78	374.	.21396	79	480.	.24909	80	614.	.29072
77	0.	.00000	78	0.	.00000	79	0.	.00000
76	0.	.00000	77	0.	.00000	78	0.	.00000
75	0.	.00000	76	0.	.00000	77	0.	.00000
74	0.	.00000	75	0.	.00000	76	0.	.00000
73	0.	.00000	74	0.	.00000	75	0.	.00000
72	0.	.00000	73	0.	.00000	74	0.	.00000
71	0.	.00000	72	0.	.00000	73	0.	.00000
70	0.	.00000	71	0.	.00000	72	0.	.00000
69	0.	.00000	70	0.	.00000	71	0.	.00000
68	0.	.00000	69	0.	.00000	70	0.	.00000
67	0.	.00000	68	0.	.00000	69	0.	.00000
66	0.	.00000	67	0.	.00000	68	0.	.00000
65	0.	.00000	66	0.	.00000	67	0.	.00000
	1748.			1927.			2112.	
								1877.

TABLE A-31.3
LDGT1 VEHICLE REGISTRATION FOR WILLIAMSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.40			9.43			9.30			9.23		
MED VEH AGE	7.25			7.19			6.69			7.30		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	471.	.01887	90	784.	.02901	91	1941.	.06821	92	1657.	.05343	
88	1350.	.05409	89	1919.	.07101	90	2091.	.07348	91	2354.	.07590	
87	1661.	.06655	88	1872.	.06927	89	2278.	.08005	90	2234.	.07203	
86	2294.	.09192	87	1753.	.06487	88	2081.	.07313	89	2299.	.07413	
85	2353.	.09428	86	2319.	.08581	87	1825.	.06413	88	2094.	.06752	
84	2308.	.09248	85	2303.	.08522	86	2408.	.08462	87	1808.	.05830	
83	1630.	.06531	84	2268.	.08393	85	2342.	.08230	86	2359.	.07606	
82	1647.	.06599	83	1543.	.05710	84	249.	.00875	85	2306.	.07436	
81	1519.	.06086	82	1558.	.05765	83	1473.	.05176	84	2105.	.06787	
80	983.	.03939	81	1431.	.05295	82	1544.	.05426	83	1388.	.04476	
79	1245.	.04989	80	894.	.03308	81	1331.	.04677	82	1477.	.04763	
78	1290.	.05169	79	1199.	.04437	80	859.	.03018	81	1213.	.03911	
77	1003.	.04019	78	1225.	.04533	79	1141.	.04009	80	777.	.02505	
76	703.	.02817	77	938.	.03471	78	1193.	.04192	79	1012.	.03263	
75	413.	.01655	76	680.	.02516	77	878.	.03085	78	1040.	.03353	
74	551.	.02208	75	391.	.01447	76	649.	.02281	77	756.	.02438	
73	572.	.02292	74	512.	.01895	75	364.	.01279	76	550.	.01773	
72	471.	.01887	73	547.	.02024	74	465.	.01634	75	310.	.01000	
71	361.	.01446	72	468.	.01732	73	510.	.01792	74	407.	.01312	
70	335.	.01341	71	339.	.01256	72	442.	.01552	73	428.	.01380	
69	317.	.01269	70	327.	.01209	71	336.	.01181	72	380.	.01225	
68	242.	.00968	69	309.	.01144	70	323.	.01136	71	289.	.00932	
67	227.	.00911	68	236.	.00872	69	306.	.01075	70	278.	.00896	
66	87.	.00350	67	222.	.00821	68	233.	.00819	69	263.	.00848	
65	924.	.03704	66	987.	.03653	67	1196.	.04203	68	1229.	.03963	
	24957.			27024.			28458.			31013.		

TABLE A-31.4
LDGT2 VEHICLE REGISTRATION FOR WILLIAMSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	8.53			8.84			9.00			9.07		
MED VEH AGE	6.71			7.11			7.60			8.00		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	75.	.02747	90	100.	.03536	91	173.	.05790	92	192.	.06307	
88	148.	.05421	89	185.	.06542	90	183.	.06124	91	205.	.06735	
87	100.	.03663	88	167.	.05905	89	199.	.06660	90	179.	.05880	
86	215.	.07875	87	100.	.03536	88	178.	.05957	89	215.	.07063	
85	338.	.12381	86	216.	.07638	87	86.	.02878	88	180.	.05913	
84	331.	.12125	85	318.	.11245	86	215.	.07195	87	84.	.02760	
83	223.	.08168	84	304.	.10750	85	288.	.09639	86	196.	.06439	
82	177.	.06484	83	220.	.07779	84	288.	.09639	85	272.	.08936	
81	104.	.03810	82	153.	.05410	83	200.	.06693	84	286.	.09396	
80	91.	.03333	81	106.	.03748	82	162.	.05422	83	184.	.06045	
79	187.	.06850	80	90.	.03182	81	108.	.03614	82	155.	.05092	
78	148.	.05421	79	173.	.06117	80	95.	.03179	81	99.	.03252	
77	159.	.05824	78	141.	.04986	79	170.	.05689	80	89.	.02924	
76	135.	.04945	77	146.	.05163	78	127.	.04250	79	146.	.04796	
75	71.	.02601	76	121.	.04279	77	131.	.04384	78	115.	.03778	
74	67.	.02454	75	60.	.02122	76	116.	.03882	77	124.	.04074	
73	35.	.01282	74	62.	.02192	75	55.	.01841	76	93.	.03055	
72	30.	.01099	73	41.	.01450	74	58.	.01941	75	49.	.01610	
71	12.	.00440	72	29.	.01025	73	38.	.01272	74	48.	.01577	
70	25.	.00913	71	14.	.00498	72	29.	.00957	73	34.	.01117	
69	12.	.00433	70	24.	.00860	71	13.	.00439	72	24.	.00788	
68	5.	.00181	69	12.	.00407	70	23.	.00758	71	11.	.00361	
67	9.	.00319	68	5.	.00171	69	11.	.00359	70	19.	.00624	
66	3.	.00124	67	9.	.00301	68	4.	.00151	69	9.	.00296	
65	30.	.01106	66	33.	.01158	67	38.	.01286	68	36.	.01183	
	2730.			2828.			2988.			3044.		

TABLE A-31.5
HDGV VEHICLE REGISTRATION FOR WILLIAMSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	14.45			14.51			14.57			14.62		
MED VEH AGE	12.89			13.25			13.41			13.50		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	18.	.01280	90	37.	.02837	91	49.	.03646	92	38.	.02855	
88	18.	.01280	89	33.	.02531	90	43.	.03199	91	47.	.03531	
87	21.	.01494	88	23.	.01764	89	34.	.02530	90	40.	.03005	
86	44.	.03129	87	28.	.02147	88	29.	.02158	89	39.	.02930	
85	81.	.05761	86	38.	.02914	87	29.	.02158	88	34.	.02554	
84	93.	.06615	85	76.	.05828	86	42.	.03125	87	41.	.03080	
83	29.	.02063	84	76.	.05828	85	78.	.05804	86	44.	.03306	
82	68.	.04836	83	29.	.02224	84	82.	.06101	85	78.	.05860	
81	60.	.04267	82	60.	.04601	83	31.	.02307	84	83.	.06236	
80	47.	.03343	81	52.	.03988	82	64.	.04762	83	31.	.02329	
79	97.	.06899	80	37.	.02837	81	50.	.03720	82	64.	.04808	
78	63.	.04481	79	88.	.06748	80	39.	.02902	81	59.	.04433	
77	72.	.05121	78	61.	.04678	79	78.	.05804	80	36.	.02705	
76	45.	.03201	77	57.	.04371	78	58.	.04315	79	63.	.04733	
75	53.	.03770	76	39.	.02991	77	56.	.04167	78	44.	.03306	
74	78.	.05548	75	52.	.03988	76	34.	.02530	77	52.	.03907	
73	70.	.04979	74	65.	.04985	75	44.	.03274	76	39.	.02930	
72	49.	.03485	73	62.	.04755	74	67.	.04985	75	36.	.02705	
71	37.	.02632	72	49.	.03758	73	64.	.04762	74	60.	.04508	
70	37.	.02631	71	26.	.02002	72	44.	.03252	73	62.	.04658	
69	56.	.03994	70	33.	.02525	71	25.	.01871	72	40.	.03005	
68	23.	.01606	69	50.	.03833	70	32.	.02360	71	23.	.01728	
67	27.	.01926	68	20.	.01541	69	48.	.03581	70	29.	.02179	
66	0.	.00000	67	24.	.01848	68	19.	.01439	69	44.	.03306	
65	220.	.15661	66	189.	.14477	67	205.	.15249	68	205.	.15402	
	1406.			1304.			1344.			1331.		

TABLE A-31.6
HDDV VEHICLE REGISTRATION FOR WILLIAMSON COUNTY

YEAR	1989			1990			1991			1992		
AVG VEH AGE	9.95			11.04			10.61			11.30		
MED VEH AGE	9.37			10.41			9.78			10.77		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	
89	4.	.01235	90	4.	.01290	91	10.	.03096	92	1.	.00299	
88	7.	.02160	89	6.	.01935	90	10.	.03096	91	11.	.03293	
87	15.	.04630	88	8.	.02581	89	9.	.02786	90	9.	.02695	
86	6.	.01852	87	13.	.04194	88	10.	.03096	89	10.	.02994	
85	28.	.08642	86	7.	.02258	87	18.	.05573	88	12.	.03593	
84	27.	.08333	85	26.	.08387	86	11.	.03406	87	25.	.07485	
83	19.	.05864	84	22.	.07097	85	34.	.10526	86	13.	.03892	
82	23.	.07099	83	13.	.04194	84	27.	.08359	85	36.	.10778	
81	22.	.06790	82	21.	.06774	83	13.	.04025	84	21.	.06287	
80	30.	.09259	81	26.	.08387	82	25.	.07740	83	12.	.03593	
79	23.	.07099	80	22.	.07097	81	21.	.06502	82	22.	.06587	
78	37.	.11420	79	20.	.06452	80	13.	.04025	81	26.	.07784	
77	21.	.06481	78	40.	.12903	79	24.	.07430	80	18.	.05389	
76	12.	.03704	77	18.	.05806	78	29.	.08978	79	26.	.07784	
75	14.	.04321	76	13.	.04194	77	17.	.05263	78	25.	.07485	
74	6.	.01852	75	9.	.02903	76	9.	.02786	77	19.	.05689	
73	9.	.02778	74	5.	.01613	75	12.	.03715	76	11.	.03293	
72	9.	.02778	73	8.	.02581	74	5.	.01548	75	10.	.02994	
71	3.	.00926	72	10.	.03226	73	6.	.01858	74	3.	.00898	
70	3.	.00793	71	8.	.02552	72	6.	.01820	73	7.	.02096	
69	3.	.00794	70	3.	.01021	71	6.	.01821	72	5.	.01497	
68	0.	.00149	69	3.	.01022	70	2.	.00729	71	5.	.01497	
67	1.	.00193	68	1.	.00192	69	2.	.00729	70	2.	.00599	
66	1.	.00190	67	1.	.00248	68	0.	.00137	69	2.	.00599	
65	2.	.00660	66	3.	.01094	67	3.	.00957	68	3.	.00898	
	324.			310.			323.			334.		

APPENDIX B

Vehicle Registrations Years 2000, 2010, 2020 Projections

TABLE B-1.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR BEXAR COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.40		8.12			8.07		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	54987.	.0779	2010	64677.	.0846	2020	69487.	.0875
1999	55672.	.0789	2009	62476.	.0818	2019	64135.	.0808
1998	53440.	.0758	2008	59321.	.0776	2018	61425.	.0774
1997	52696.	.0747	2007	58445.	.0765	2017	60944.	.0768
1996	50938.	.0722	2006	56987.	.0746	2016	59573.	.0751
1995	48272.	.0684	2005	55000.	.0720	2015	57665.	.0726
1994	46057.	.0653	2004	52330.	.0685	2014	54910.	.0692
1993	43996.	.0624	2003	49296.	.0645	2013	51841.	.0653
1992	39900.	.0566	2002	45174.	.0591	2012	47203.	.0595
1991	40823.	.0579	2001	41256.	.0540	2011	43093.	.0543
1990	33744.	.0478	2000	36534.	.0478	2010	37993.	.0479
1989	31265.	.0443	1999	32016.	.0419	2009	32909.	.0415
1988	27137.	.0385	1998	27140.	.0355	2008	27541.	.0347
1987	22824.	.0324	1997	22738.	.0298	2007	22949.	.0289
1986	19983.	.0283	1996	18779.	.0246	2006	19039.	.0240
1985	16472.	.0233	1995	15088.	.0197	2005	15461.	.0195
1984	13542.	.0192	1994	12193.	.0160	2004	12427.	.0157
1983	9561.	.0136	1993	9732.	.0127	2003	9768.	.0123
1982	7670.	.0109	1992	7579.	.0099	2002	7637.	.0096
1981	6386.	.0091	1991	6391.	.0084	2001	5983.	.0075
1980	5137.	.0073	1990	4758.	.0062	2000	4633.	.0058
1979	4484.	.0064	1989	3811.	.0050	1999	3580.	.0045
1978	3625.	.0051	1988	2957.	.0039	1998	2739.	.0035
1977	2746.	.0039	1987	2251.	.0029	1997	2079.	.0026
1976	14107.	.0200	1986	17139.	.0224	1996	18743.	.0236
	705467.			764065.			793757.	

TABLE B-1.2
MOTORCYCLE VEHICLE PROJECTED DISTRIBUTION FOR BEXAR COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.70		9.81			9.80		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	147.	.0194	2010	110.	.0188	2020	96.	.0186
1999	237.	.0312	2009	169.	.0288	2019	138.	.0268
1998	324.	.0427	2008	233.	.0398	2018	196.	.0379
1997	401.	.0529	2007	299.	.0510	2017	260.	.0503
1996	446.	.0589	2006	341.	.0581	2016	299.	.0580
1995	473.	.0624	2005	365.	.0622	2015	318.	.0616
1994	503.	.0664	2004	386.	.0658	2014	336.	.0651
1993	567.	.0748	2003	434.	.0740	2013	388.	.0752
1992	772.	.1020	2002	504.	.0859	2012	464.	.0898
1991	623.	.0822	2001	527.	.0899	2011	490.	.0948
1990	559.	.0738	2000	532.	.0908	2010	502.	.0971
1989	2522.	.3330	1999	1965.	.3350	2009	1679.	.3250
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	7573.			5866.			5166.	

TABLE B-1.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR BEXAR COUNTY

YEAR AVG AGE	2000 10.05		2010 10.20			2020 10.32		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	12871.	.0592	2010	14176.	.0589	2020	14849.	.0587
1999	12948.	.0595	2009	13597.	.0565	2019	13436.	.0531
1998	13202.	.0607	2008	13915.	.0578	2018	14005.	.0554
1997	13394.	.0616	2007	14279.	.0593	2017	14556.	.0576
1996	13204.	.0607	2006	14434.	.0599	2016	14793.	.0585
1995	12581.	.0578	2005	14417.	.0599	2015	14905.	.0589
1994	12331.	.0567	2004	14321.	.0595	2014	14937.	.0591
1993	12145.	.0558	2003	13987.	.0581	2013	14736.	.0583
1992	11937.	.0549	2002	13523.	.0562	2012	14280.	.0565
1991	12802.	.0588	2001	12826.	.0533	2011	13603.	.0538
1990	10747.	.0494	2000	12072.	.0501	2010	12908.	.0510
1989	10510.	.0483	1999	11438.	.0475	2009	12148.	.0480
1988	9162.	.0421	1998	10462.	.0434	2008	11046.	.0437
1987	8131.	.0374	1997	9468.	.0393	2007	10049.	.0397
1986	8655.	.0398	1996	8392.	.0348	2006	9124.	.0361
1985	7153.	.0329	1995	7146.	.0297	2005	8130.	.0321
1984	6187.	.0284	1994	6270.	.0260	2004	7169.	.0283
1983	4439.	.0204	1993	5440.	.0226	2003	6068.	.0240
1982	3975.	.0183	1992	4811.	.0200	2002	5241.	.0207
1981	3337.	.0153	1991	4618.	.0192	2001	4395.	.0174
1980	2526.	.0116	1990	3444.	.0143	2000	3631.	.0144
1979	2495.	.0115	1989	3002.	.0125	1999	3034.	.0120
1978	2163.	.0099	1988	2383.	.0099	1998	2499.	.0099
1977	1752.	.0081	1987	1931.	.0080	1997	2044.	.0081
1976	8909.	.0409	1986	10486.	.0435	1996	11329.	.0448
	217557.			240839.			252915.	

TABLE B-1.4
LDGT2 VEHICLE PROJECTED DISTRIBUTION FOR BEXAR COUNTY

YEAR AVG AGE	2000 9.06		2010 8.68			2020 8.63		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	1520.	.0668	2010	2046.	.0760	2020	2337.	.0799
1999	1581.	.0695	2009	1980.	.0735	2019	2124.	.0726
1998	1591.	.0699	2008	1973.	.0733	2018	2160.	.0739
1997	1559.	.0685	2007	1913.	.0710	2017	2093.	.0716
1996	1518.	.0667	2006	1872.	.0695	2016	2045.	.0699
1995	1477.	.0649	2005	1848.	.0686	2015	2025.	.0693
1994	1442.	.0634	2004	1781.	.0661	2014	1954.	.0668
1993	1387.	.0610	2003	1680.	.0623	2013	1840.	.0629
1992	1330.	.0584	2002	1571.	.0583	2012	1710.	.0585
1991	1239.	.0544	2001	1453.	.0540	2011	1571.	.0537
1990	1065.	.0468	2000	1317.	.0489	2010	1412.	.0483
1989	1073.	.0472	1999	1187.	.0440	2009	1251.	.0428
1988	921.	.0405	1998	1046.	.0388	2008	1096.	.0375
1987	713.	.0313	1997	899.	.0334	2007	941.	.0322
1986	793.	.0348	1996	762.	.0283	2006	800.	.0274
1985	695.	.0305	1995	633.	.0235	2005	671.	.0229
1984	597.	.0262	1994	542.	.0201	2004	571.	.0195
1983	447.	.0197	1993	440.	.0163	2003	457.	.0156
1982	372.	.0163	1992	371.	.0138	2002	384.	.0131
1981	254.	.0112	1991	307.	.0114	2001	320.	.0110
1980	214.	.0094	1990	237.	.0088	2000	257.	.0088
1979	217.	.0096	1989	197.	.0073	1999	206.	.0071
1978	163.	.0072	1988	153.	.0057	1998	165.	.0056
1977	137.	.0060	1987	116.	.0043	1997	132.	.0045
1976	446.	.0196	1986	613.	.0228	1996	719.	.0246
	22749.			26939.			29242.	

TABLE B-1.5
HDGT VEHICLE PROJECTED DISTRIBUTION FOR BEXAR COUNTY

YEAR AVG AGE	2000 10.99		2010 10.97			2020 10.95		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	303.	.0336	2010	271.	.0333	2020	257.	.0331
1999	376.	.0417	2009	333.	.0408	2019	311.	.0401
1998	414.	.0459	2008	366.	.0449	2018	343.	.0442
1997	445.	.0493	2007	392.	.0481	2017	366.	.0471
1996	495.	.0549	2006	439.	.0538	2016	413.	.0532
1995	521.	.0578	2005	468.	.0573	2015	442.	.0570
1994	545.	.0604	2004	493.	.0605	2014	471.	.0607
1993	556.	.0617	2003	509.	.0624	2013	494.	.0637
1992	621.	.0689	2002	504.	.0618	2012	490.	.0631
1991	507.	.0562	2001	492.	.0603	2011	477.	.0615
1990	515.	.0572	2000	474.	.0581	2010	458.	.0590
1989	461.	.0511	1999	456.	.0559	2009	444.	.0572
1988	407.	.0452	1998	423.	.0518	2008	409.	.0527
1987	370.	.0411	1997	387.	.0474	2007	373.	.0480
1986	415.	.0461	1996	339.	.0416	2006	325.	.0418
1985	349.	.0387	1995	282.	.0346	2005	265.	.0342
1984	261.	.0290	1994	232.	.0285	2004	217.	.0280
1983	206.	.0228	1993	207.	.0254	2003	194.	.0250
1982	195.	.0217	1992	197.	.0242	2002	166.	.0214
1981	159.	.0177	1991	149.	.0183	2001	144.	.0185
1980	137.	.0152	1990	135.	.0165	2000	125.	.0161
1979	151.	.0167	1989	111.	.0136	1999	108.	.0140
1978	116.	.0129	1988	93.	.0113	1998	94.	.0121
1977	105.	.0117	1987	79.	.0097	1997	80.	.0104
1976	383.	.0425	1986	326.	.0400	1996	295.	.0380
	9013.			8158.			7762.	

TABLE B-1.6
HDDV VEHICLE PROJECTED DISTRIBUTION FOR BEXAR COUNTY

YEAR AVG AGE	2000 9.11		2010 8.99			2020 9.00		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	316.	.0515	2010	421.	.0586	2020	456.	.0589
1999	371.	.0605	2009	441.	.0614	2019	467.	.0602
1998	393.	.0641	2008	482.	.0671	2018	521.	.0672
1997	399.	.0650	2007	490.	.0682	2017	522.	.0673
1996	440.	.0718	2006	534.	.0744	2016	577.	.0744
1995	397.	.0648	2005	516.	.0719	2015	550.	.0709
1994	399.	.0650	2004	509.	.0709	2014	546.	.0705
1993	433.	.0706	2003	498.	.0693	2013	532.	.0687
1992	316.	.0515	2002	425.	.0592	2012	455.	.0586
1991	452.	.0737	2001	386.	.0537	2011	424.	.0547
1990	392.	.0639	2000	343.	.0478	2010	392.	.0505
1989	296.	.0482	1999	339.	.0472	2009	353.	.0456
1988	230.	.0376	1998	285.	.0397	2008	303.	.0391
1987	213.	.0348	1997	256.	.0356	2007	281.	.0362
1986	219.	.0357	1996	238.	.0332	2006	260.	.0336
1985	200.	.0326	1995	181.	.0252	2005	220.	.0284
1984	168.	.0274	1994	168.	.0234	2004	206.	.0266
1983	91.	.0148	1993	150.	.0209	2003	160.	.0206
1982	79.	.0128	1992	83.	.0115	2002	108.	.0139
1981	80.	.0130	1991	113.	.0158	2001	85.	.0110
1980	57.	.0092	1990	82.	.0113	2000	64.	.0082
1979	62.	.0101	1989	52.	.0073	1999	56.	.0073
1978	34.	.0056	1988	35.	.0049	1998	43.	.0055
1977	25.	.0041	1987	30.	.0041	1997	34.	.0044
1976	71.	.0116	1986	127.	.0177	1996	137.	.0176
	6134.			7185.			7753.	

TABLE B-2.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR BRAZORIA COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.35		8.44			8.53		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	6719.	.0577	2010	7928.	.0581	2020	8835.	.0583
1999	7864.	.0675	2009	8983.	.0658	2019	9514.	.0628
1998	8414.	.0723	2008	9552.	.0700	2018	10252.	.0677
1997	8719.	.0749	2007	9927.	.0727	2017	10807.	.0713
1996	8810.	.0757	2006	10170.	.0745	2016	11124.	.0734
1995	8519.	.0732	2005	10228.	.0749	2015	11260.	.0743
1994	8144.	.0699	2004	10018.	.0734	2014	11091.	.0732
1993	7848.	.0674	2003	9571.	.0701	2013	10739.	.0709
1992	7284.	.0626	2002	9195.	.0674	2012	10327.	.0682
1991	8253.	.0709	2001	8691.	.0637	2011	9846.	.0650
1990	6908.	.0593	2000	7753.	.0568	2010	8793.	.0580
1989	6245.	.0536	1999	6900.	.0505	2009	7763.	.0512
1988	4971.	.0427	1998	5694.	.0417	2008	6282.	.0415
1987	3835.	.0329	1997	4736.	.0347	2007	5228.	.0345
1986	3140.	.0270	1996	3808.	.0279	2006	4271.	.0282
1985	2543.	.0218	1995	2911.	.0213	2005	3416.	.0225
1984	1958.	.0168	1994	2248.	.0165	2004	2735.	.0180
1983	1247.	.0107	1993	1678.	.0123	2003	1964.	.0130
1982	970.	.0083	1992	1191.	.0087	2002	1406.	.0093
1981	804.	.0069	1991	1142.	.0084	2001	1139.	.0075
1980	614.	.0053	1990	821.	.0060	2000	858.	.0057
1979	536.	.0046	1989	647.	.0047	1999	653.	.0043
1978	406.	.0035	1988	471.	.0035	1998	490.	.0032
1977	285.	.0024	1987	323.	.0024	1997	363.	.0024
1976	1413.	.0121	1986	1936.	.0142	1996	2359.	.0156
	116449.			136519.			151514.	

TABLE B-2.2
MOTORCYCLE PROJECTED VEHICLE DISTRIBUTION FOR BRAZORIA COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.32		9.49			9.61		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	62.	.0258	2010	53.	.0251	2020	47.	.0246
1999	90.	.0375	2009	72.	.0340	2019	57.	.0298
1998	112.	.0471	2008	87.	.0411	2018	67.	.0351
1997	131.	.0550	2007	101.	.0478	2017	80.	.0419
1996	155.	.0648	2006	123.	.0584	2016	102.	.0533
1995	163.	.0683	2005	142.	.0671	2015	122.	.0640
1994	160.	.0672	2004	152.	.0718	2014	135.	.0705
1993	170.	.0711	2003	167.	.0792	2013	159.	.0832
1992	229.	.0958	2002	185.	.0874	2012	183.	.0955
1991	199.	.0835	2001	206.	.0974	2011	209.	.1091
1990	220.	.0921	2000	193.	.0912	2010	190.	.0992
1989	697.	.2919	1999	633.	.2996	2009	562.	.2937
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	2388.			2112.			1912.	

TABLE B-2.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR BRAZORIA COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.15		7.91			7.84		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	4850.	.0773	2010	6321.	.0826	2020	7484.	.0856
1999	5011.	.0799	2009	6298.	.0823	2019	7108.	.0813
1998	4983.	.0794	2008	6195.	.0809	2018	7067.	.0808
1997	4892.	.0780	2007	6065.	.0792	2017	6976.	.0798
1996	4742.	.0756	2006	5913.	.0773	2016	6801.	.0778
1995	4436.	.0707	2005	5635.	.0736	2015	6464.	.0739
1994	4205.	.0670	2004	5385.	.0703	2014	6208.	.0710
1993	3816.	.0608	2003	5032.	.0657	2013	5843.	.0668
1992	3384.	.0539	2002	4617.	.0603	2012	5307.	.0607
1991	3732.	.0595	2001	4139.	.0541	2011	4728.	.0541
1990	3227.	.0514	2000	3665.	.0479	2010	4185.	.0479
1989	2943.	.0469	1999	3154.	.0412	2009	3542.	.0405
1988	2358.	.0376	1998	2667.	.0348	2008	2960.	.0339
1987	1830.	.0292	1997	2235.	.0292	2007	2473.	.0283
1986	1675.	.0267	1996	1859.	.0243	2006	2077.	.0237
1985	1413.	.0225	1995	1498.	.0196	2005	1704.	.0195
1984	1149.	.0183	1994	1178.	.0154	2004	1335.	.0153
1983	746.	.0119	1993	880.	.0115	2003	1006.	.0115
1982	676.	.0108	1992	671.	.0088	2002	787.	.0090
1981	536.	.0085	1991	613.	.0080	2001	617.	.0071
1980	386.	.0061	1990	467.	.0061	2000	474.	.0054
1979	348.	.0055	1989	378.	.0049	1999	365.	.0042
1978	276.	.0044	1988	277.	.0036	1998	278.	.0032
1977	202.	.0032	1987	197.	.0026	1997	209.	.0024
1976	918.	.0146	1986	1202.	.0157	1996	1432.	.0164
	62735.			76542.			87434.	

TABLE B-2.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR BRAZORIA COUNTY

YEAR	2000		2010			2020		
AVG AGE	7.48		7.02			6.83		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	597.	.0796	2010	831.	.0887	2020	1023.	.0939
1999	645.	.0860	2009	878.	.0937	2019	1065.	.0978
1998	645.	.0860	2008	861.	.0919	2018	1034.	.0950
1997	640.	.0854	2007	841.	.0898	2017	1000.	.0918
1996	608.	.0810	2006	785.	.0838	2016	919.	.0845
1995	594.	.0792	2005	760.	.0811	2015	891.	.0818
1994	559.	.0745	2004	708.	.0755	2014	827.	.0760
1993	506.	.0675	2003	630.	.0672	2013	724.	.0665
1992	443.	.0590	2002	561.	.0599	2012	640.	.0588
1991	419.	.0559	2001	493.	.0527	2011	560.	.0515
1990	330.	.0439	2000	411.	.0439	2010	460.	.0423
1989	317.	.0423	1999	351.	.0375	2009	390.	.0358
1988	244.	.0325	1998	285.	.0304	2008	313.	.0287
1987	170.	.0226	1997	235.	.0250	2007	257.	.0236
1986	176.	.0235	1996	186.	.0199	2006	203.	.0187
1985	152.	.0203	1995	148.	.0157	2005	160.	.0147
1984	130.	.0173	1994	116.	.0124	2004	124.	.0114
1983	78.	.0103	1993	84.	.0089	2003	87.	.0080
1982	71.	.0095	1992	58.	.0062	2002	61.	.0056
1981	43.	.0058	1991	43.	.0046	2001	42.	.0039
1980	34.	.0045	1990	30.	.0032	2000	31.	.0028
1979	35.	.0047	1989	25.	.0026	1999	23.	.0021
1978	26.	.0034	1988	17.	.0018	1998	16.	.0015
1977	19.	.0025	1987	10.	.0011	1997	12.	.0011
1976	22.	.0029	1986	23.	.0024	1996	23.	.0021
	7503.			9369.			10887.	

TABLE B-2.5
HDGT PROJECTED VEHICLE DISTRIBUTION FOR BRAZORIA COUNTY

YEAR	2000		2010			2020		
AVG AGE	11.15		11.22			11.41		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	81.	.0305	2010	95.	.0321	2020	104.	.0327
1999	92.	.0348	2009	98.	.0331	2019	92.	.0290
1998	108.	.0410	2008	113.	.0382	2018	110.	.0348
1997	124.	.0467	2007	131.	.0444	2017	135.	.0426
1996	135.	.0510	2006	147.	.0496	2016	151.	.0475
1995	133.	.0503	2005	153.	.0516	2015	153.	.0481
1994	143.	.0540	2004	171.	.0577	2014	177.	.0557
1993	157.	.0594	2003	182.	.0614	2013	197.	.0620
1992	159.	.0601	2002	186.	.0631	2012	201.	.0634
1991	188.	.0713	2001	199.	.0674	2011	219.	.0692
1990	213.	.0806	2000	194.	.0655	2010	219.	.0689
1989	163.	.0615	1999	176.	.0596	2009	191.	.0603
1988	144.	.0545	1998	164.	.0554	2008	171.	.0539
1987	96.	.0363	1997	150.	.0508	2007	159.	.0501
1986	112.	.0425	1996	132.	.0447	2006	146.	.0461
1985	90.	.0340	1995	102.	.0345	2005	118.	.0371
1984	80.	.0304	1994	81.	.0274	2004	95.	.0298
1983	57.	.0215	1993	73.	.0247	2003	83.	.0263
1982	69.	.0260	1992	70.	.0236	2002	83.	.0262
1981	55.	.0208	1991	70.	.0237	2001	74.	.0233
1980	49.	.0187	1990	66.	.0224	2000	59.	.0187
1979	48.	.0181	1989	46.	.0155	1999	49.	.0154
1978	37.	.0139	1988	35.	.0119	1998	39.	.0123
1977	26.	.0098	1987	20.	.0069	1997	31.	.0099
1976	86.	.0325	1986	103.	.0348	1996	116.	.0364
	2644.			2957.			3171.	

TABLE B-2.6
HDDV PROJECTED VEHICLE DISTRIBUTION FOR BRAZORIA COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.26		9.32			9.02		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	50.	.0336	2010	102.	.0419	2020	214.	.0626
1999	67.	.0445	2009	118.	.0484	2019	180.	.0527
1998	83.	.0555	2008	136.	.0558	2018	197.	.0576
1997	92.	.0609	2007	151.	.0618	2017	213.	.0622
1996	121.	.0804	2006	157.	.0644	2016	216.	.0630
1995	126.	.0838	2005	158.	.0649	2015	211.	.0615
1994	122.	.0812	2004	189.	.0777	2014	263.	.0768
1993	156.	.1041	2003	188.	.0772	2013	263.	.0767
1992	60.	.0397	2002	183.	.0750	2012	255.	.0745
1991	103.	.0682	2001	173.	.0709	2011	246.	.0718
1990	83.	.0554	2000	148.	.0609	2010	216.	.0632
1989	67.	.0446	1999	119.	.0487	2009	158.	.0462
1988	64.	.0423	1998	105.	.0431	2008	135.	.0395
1987	51.	.0338	1997	90.	.0368	2007	120.	.0351
1986	52.	.0349	1996	91.	.0372	2006	104.	.0305
1985	42.	.0283	1995	86.	.0354	2005	97.	.0284
1984	40.	.0266	1994	59.	.0242	2004	80.	.0233
1983	20.	.0133	1993	59.	.0244	2003	65.	.0191
1982	19.	.0128	1992	20.	.0083	2002	33.	.0096
1981	20.	.0130	1991	18.	.0075	2001	23.	.0068
1980	15.	.0100	1990	13.	.0055	2000	18.	.0053
1979	13.	.0083	1989	10.	.0042	1999	14.	.0041
1978	8.	.0056	1988	8.	.0032	1998	11.	.0033
1977	4.	.0028	1987	6.	.0023	1997	9.	.0025
1976	25.	.0163	1986	49.	.0202	1996	81.	.0235
	1503.			2438.			3423.	

TABLE B-3.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR CAMERON COUNTY

BROWNSVILLE - HARLINGEN MSA

YEAR	2000		2010			2020		
AVG AGE	9.23		9.26			9.31		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	5131.	.0345	2010	6458.	.0343	2020	7600.	.0343
1999	6936.	.0466	2009	8407.	.0447	2019	9715.	.0438
1998	8146.	.0547	2008	10033.	.0533	2018	11692.	.0527
1997	9098.	.0611	2007	11352.	.0604	2017	13284.	.0599
1996	9823.	.0660	2006	12547.	.0667	2016	14710.	.0663
1995	10340.	.0695	2005	13610.	.0724	2015	16021.	.0722
1994	10815.	.0727	2004	14301.	.0760	2014	16868.	.0760
1993	11176.	.0751	2003	14661.	.0779	2013	17370.	.0783
1992	10568.	.0710	2002	14133.	.0751	2012	16633.	.0750
1991	12286.	.0825	2001	13769.	.0732	2011	16247.	.0732
1990	10054.	.0675	2000	12613.	.0671	2010	14987.	.0675
1989	9258.	.0622	1999	11140.	.0592	2009	13086.	.0590
1988	7628.	.0512	1998	9309.	.0495	2008	10892.	.0491
1987	5822.	.0391	1997	7772.	.0413	2007	9131.	.0412
1986	4920.	.0331	1996	6336.	.0337	2006	7563.	.0341
1985	4142.	.0278	1995	5049.	.0268	2005	6179.	.0278
1984	3123.	.0210	1994	3892.	.0207	2004	4743.	.0214
1983	2060.	.0138	1993	2902.	.0154	2003	3469.	.0156
1982	1659.	.0111	1992	2036.	.0108	2002	2479.	.0112
1981	1350.	.0091	1991	1812.	.0096	2001	1900.	.0086
1980	994.	.0067	1990	1238.	.0066	2000	1418.	.0064
1979	830.	.0056	1989	964.	.0051	1999	1061.	.0048
1978	612.	.0041	1988	700.	.0037	1998	780.	.0035
1977	417.	.0028	1987	470.	.0025	1997	566.	.0026
1976	1664.	.0112	1986	2586.	.0137	1996	3474.	.0157
	148852.			188091.			221867.	

TABLE B-3.2
MOTORCYCLE PROJECTED VEHICLE DISTRIBUTION FOR CAMERON COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.80		10.02			10.11		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	10.	.0150	2010	4.	.0151	2020	2.	.0131
1999	20.	.0319	2009	7.	.0267	2019	4.	.0263
1998	29.	.0452	2008	11.	.0397	2018	5.	.0392
1997	37.	.0577	2007	13.	.0485	2017	6.	.0477
1996	37.	.0584	2006	12.	.0452	2016	5.	.0406
1995	42.	.0657	2005	14.	.0523	2015	6.	.0477
1994	42.	.0656	2004	15.	.0565	2014	7.	.0538
1993	44.	.0683	2003	18.	.0673	2013	8.	.0628
1992	59.	.0925	2002	23.	.0846	2012	11.	.0821
1991	49.	.0759	2001	30.	.1123	2011	16.	.1193
1990	46.	.0718	2000	33.	.1243	2010	19.	.1445
1989	226.	.3520	1999	88.	.3276	2009	43.	.3229
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	641.			268.			134.	

TABLE B-3.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR CAMERON COUNTY

YEAR	2000		2010			2020		
AVG AGE	10.21		10.39			10.56		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	2116.	.0401	2010	2878.	.0393	2020	3600.	.0388
1999	2463.	.0466	2009	3139.	.0429	2019	3797.	.0409
1998	2710.	.0513	2008	3517.	.0481	2018	4296.	.0463
1997	2886.	.0546	2007	3812.	.0521	2017	4682.	.0505
1996	3038.	.0575	2006	4164.	.0569	2016	5119.	.0552
1995	3076.	.0582	2005	4464.	.0610	2015	5522.	.0596
1994	3159.	.0598	2004	4673.	.0639	2014	5810.	.0627
1993	3304.	.0626	2003	4912.	.0672	2013	6184.	.0667
1992	3053.	.0578	2002	4797.	.0656	2012	6017.	.0649
1991	3794.	.0718	2001	4702.	.0643	2011	5923.	.0639
1990	3371.	.0638	2000	4364.	.0597	2010	5577.	.0601
1989	3429.	.0649	1999	4076.	.0557	2009	5148.	.0555
1988	2858.	.0541	1998	3640.	.0498	2008	4598.	.0496
1987	2083.	.0394	1997	3163.	.0432	2007	4017.	.0433
1986	2048.	.0388	1996	2767.	.0378	2006	3625.	.0391
1985	1708.	.0323	1995	2293.	.0314	2005	3145.	.0339
1984	1442.	.0273	1994	1971.	.0270	2004	2731.	.0294
1983	1064.	.0201	1993	1761.	.0241	2003	2450.	.0264
1982	997.	.0189	1992	1349.	.0185	2002	1976.	.0213
1981	828.	.0157	1991	1331.	.0182	2001	1556.	.0168
1980	595.	.0113	1990	1028.	.0141	2000	1256.	.0135
1979	577.	.0109	1989	905.	.0124	1999	1028.	.0111
1978	459.	.0087	1988	681.	.0093	1998	825.	.0089
1977	358.	.0068	1987	467.	.0064	1997	657.	.0071
1976	1406.	.0266	1986	2278.	.0311	1996	3193.	.0344
	52823.			73131.			92732.	

TABLE B-3.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR CAMERON COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.69		9.54			9.47		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	129.	.0381	2010	141.	.0378	2020	149.	.0375
1999	156.	.0462	2009	167.	.0446	2019	173.	.0436
1998	179.	.0530	2008	198.	.0531	2018	209.	.0528
1997	191.	.0564	2007	217.	.0580	2017	230.	.0580
1996	213.	.0628	2006	248.	.0663	2016	263.	.0664
1995	209.	.0618	2005	249.	.0665	2015	265.	.0670
1994	225.	.0664	2004	267.	.0713	2014	288.	.0727
1993	233.	.0689	2003	268.	.0716	2013	290.	.0731
1992	245.	.0725	2002	271.	.0724	2012	293.	.0740
1991	252.	.0745	2001	274.	.0732	2011	298.	.0751
1990	244.	.0721	2000	271.	.0725	2010	302.	.0763
1989	221.	.0654	1999	221.	.0591	2009	235.	.0594
1988	161.	.0475	1998	168.	.0449	2008	176.	.0443
1987	107.	.0318	1997	141.	.0376	2007	147.	.0371
1986	117.	.0347	1996	124.	.0330	2006	131.	.0329
1985	111.	.0329	1995	105.	.0281	2005	110.	.0279
1984	83.	.0244	1994	87.	.0234	2004	89.	.0225
1983	56.	.0165	1993	64.	.0171	2003	62.	.0157
1982	50.	.0148	1992	54.	.0144	2002	50.	.0126
1981	36.	.0106	1991	42.	.0111	2001	38.	.0096
1980	30.	.0089	1990	33.	.0088	2000	30.	.0076
1979	32.	.0096	1989	27.	.0072	1999	23.	.0059
1978	24.	.0071	1988	20.	.0054	1998	18.	.0045
1977	19.	.0055	1987	13.	.0036	1997	14.	.0035
1976	60.	.0176	1986	71.	.0190	1996	80.	.0201
	3384.			3740.			3963.	

TABLE B-3.5
HDGT PROJECTED VEHICLE DISTRIBUTION FOR CAMERON COUNTY

YEAR	2000		2010			2020		
AVG AGE	13.08		13.01			12.89		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	29.	.0128	2010	30.	.0133	2020	30.	.0135
1999	46.	.0204	2009	50.	.0219	2019	50.	.0222
1998	59.	.0263	2008	67.	.0294	2018	68.	.0303
1997	67.	.0299	2007	75.	.0328	2017	75.	.0334
1996	77.	.0340	2006	84.	.0370	2016	84.	.0374
1995	98.	.0437	2005	106.	.0465	2015	107.	.0474
1994	122.	.0541	2004	130.	.0570	2014	133.	.0592
1993	130.	.0577	2003	127.	.0560	2013	126.	.0561
1992	146.	.0646	2002	136.	.0597	2012	142.	.0632
1991	156.	.0693	2001	141.	.0619	2011	147.	.0656
1990	141.	.0628	2000	147.	.0648	2010	154.	.0685
1989	127.	.0563	1999	129.	.0568	2009	131.	.0581
1988	117.	.0522	1998	127.	.0557	2008	129.	.0573
1987	114.	.0508	1997	106.	.0465	2007	104.	.0464
1986	108.	.0480	1996	94.	.0414	2006	91.	.0403
1985	88.	.0389	1995	87.	.0381	2005	80.	.0355
1984	84.	.0373	1994	83.	.0366	2004	74.	.0329
1983	60.	.0267	1993	74.	.0324	2003	63.	.0281
1982	63.	.0280	1992	66.	.0290	2002	54.	.0240
1981	54.	.0240	1991	60.	.0265	2001	48.	.0212
1980	50.	.0223	1990	47.	.0205	2000	40.	.0178
1979	49.	.0219	1989	39.	.0170	1999	34.	.0150
1978	41.	.0183	1988	31.	.0137	1998	28.	.0125
1977	33.	.0148	1987	28.	.0124	1997	24.	.0108
1976	191.	.0847	1986	212.	.0933	1996	231.	.1030
	2252.			2274.			2246.	

TABLE B-3.6
HDDV PROJECTED VEHICLE DISTRIBUTION FOR CAMERON COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.93		8.10			7.29		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	33.	.0410	2010	74.	.0658	2020	112.	.0784
1999	22.	.0270	2009	95.	.0845	2019	127.	.0895
1998	30.	.0365	2008	101.	.0899	2018	132.	.0927
1997	34.	.0416	2007	98.	.0872	2017	142.	.0998
1996	71.	.0881	2006	104.	.0929	2016	161.	.1131
1995	89.	.1094	2005	79.	.0702	2015	117.	.0819
1994	86.	.1059	2004	78.	.0690	2014	100.	.0705
1993	97.	.1196	2003	69.	.0617	2013	81.	.0572
1992	31.	.0389	2002	59.	.0526	2012	71.	.0499
1991	37.	.0453	2001	63.	.0559	2011	67.	.0469
1990	35.	.0434	2000	47.	.0419	2010	56.	.0395
1989	29.	.0352	1999	38.	.0338	2009	48.	.0336
1988	26.	.0321	1998	34.	.0303	2008	41.	.0286
1987	25.	.0306	1997	30.	.0263	2007	34.	.0238
1986	21.	.0259	1996	27.	.0237	2006	26.	.0182
1985	19.	.0232	1995	24.	.0214	2005	20.	.0141
1984	18.	.0219	1994	19.	.0168	2004	16.	.0110
1983	12.	.0153	1993	19.	.0167	2003	12.	.0084
1982	12.	.0146	1992	9.	.0076	2002	9.	.0063
1981	13.	.0161	1991	7.	.0066	2001	7.	.0047
1980	9.	.0106	1990	6.	.0055	2000	5.	.0035
1979	10.	.0121	1989	4.	.0039	1999	3.	.0022
1978	8.	.0103	1988	3.	.0030	1998	3.	.0019
1977	10.	.0125	1987	3.	.0028	1997	2.	.0015
1976	35.	.0429	1986	34.	.0299	1996	33.	.0230
	810.			1124.			1424.	

TABLE B-4.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR CHAMBERS COUNTY

HOUSTON MSA

YEAR	2000		2010			2020		
AVG AGE	8.47		8.72			9.69		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	470.	.0471	2010	459.	.0466	2020	379.	.0428
1999	669.	.0672	2009	559.	.0568	2019	368.	.0416
1998	722.	.0725	2008	627.	.0638	2018	431.	.0487
1997	772.	.0774	2007	655.	.0666	2017	460.	.0519
1996	761.	.0764	2006	711.	.0723	2016	513.	.0579
1995	721.	.0723	2005	742.	.0754	2015	554.	.0626
1994	682.	.0684	2004	725.	.0737	2014	545.	.0615
1993	640.	.0642	2003	727.	.0739	2013	654.	.0739
1992	613.	.0616	2002	700.	.0712	2012	621.	.0701
1991	719.	.0721	2001	678.	.0689	2011	655.	.0739
1990	628.	.0630	2000	597.	.0607	2010	625.	.0706
1989	565.	.0567	1999	562.	.0571	2009	577.	.0651
1988	458.	.0460	1998	459.	.0467	2008	504.	.0569
1987	339.	.0340	1997	381.	.0388	2007	395.	.0446
1986	276.	.0277	1996	287.	.0291	2006	334.	.0377
1985	227.	.0228	1995	214.	.0218	2005	286.	.0323
1984	161.	.0162	1994	148.	.0151	2004	196.	.0222
1983	104.	.0104	1993	114.	.0115	2003	168.	.0190
1982	84.	.0085	1992	90.	.0092	2002	141.	.0159
1981	76.	.0076	1991	105.	.0106	2001	139.	.0157
1980	55.	.0055	1990	78.	.0079	2000	98.	.0111
1979	52.	.0052	1989	59.	.0060	1999	74.	.0083
1978	47.	.0047	1988	42.	.0042	1998	51.	.0058
1977	33.	.0033	1987	27.	.0028	1997	37.	.0041
1976	93.	.0093	1986	90.	.0091	1996	52.	.0059
	9965.			9836.			8856.	

TABLE B-4.2
MOTORCYCLE PROJECTED VEHICLE DISTRIBUTION FOR CHAMBERS COUNTY

YEAR	2000		2010			2020		
AVG AGE	10.47		10.43			10.02		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	2.	.0091	2010	2.	.0092	2020	2.	.0081
1999	5.	.0198	2009	5.	.0221	2019	4.	.0222
1998	8.	.0321	2008	8.	.0344	2018	7.	.0384
1997	10.	.0412	2007	11.	.0458	2017	11.	.0562
1996	13.	.0534	2006	15.	.0645	2016	16.	.0833
1995	14.	.0597	2005	14.	.0623	2015	12.	.0636
1994	15.	.0624	2004	15.	.0649	2014	13.	.0715
1993	16.	.0678	2003	15.	.0661	2013	13.	.0699
1992	21.	.0886	2002	17.	.0722	2012	14.	.0748
1991	20.	.0828	2001	15.	.0663	2011	12.	.0624
1990	18.	.0781	2000	17.	.0724	2010	13.	.0677
1989	96.	.4050	1999	97.	.4199	2009	72.	.3820
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	236.			232.			188.	

TABLE B-4.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR CHAMBERS COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.80		9.16			8.98		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	402.	.0572	2010	400.	.0577	2020	386.	.0616
1999	498.	.0710	2009	483.	.0697	2019	462.	.0736
1998	504.	.0718	2008	477.	.0688	2018	441.	.0704
1997	516.	.0736	2007	485.	.0700	2017	456.	.0727
1996	507.	.0722	2006	467.	.0673	2016	431.	.0687
1995	469.	.0668	2005	439.	.0634	2015	396.	.0631
1994	450.	.0641	2004	431.	.0622	2014	385.	.0613
1993	418.	.0596	2003	402.	.0580	2013	357.	.0569
1992	380.	.0542	2002	392.	.0565	2012	350.	.0559
1991	419.	.0596	2001	394.	.0568	2011	351.	.0560
1990	407.	.0580	2000	366.	.0528	2010	330.	.0526
1989	372.	.0530	1999	331.	.0478	2009	294.	.0469
1988	297.	.0424	1998	292.	.0422	2008	253.	.0403
1987	238.	.0340	1997	270.	.0389	2007	238.	.0379
1986	233.	.0332	1996	236.	.0341	2006	203.	.0324
1985	196.	.0279	1995	192.	.0277	2005	168.	.0268
1984	167.	.0237	1994	172.	.0248	2004	160.	.0255
1983	100.	.0142	1993	133.	.0192	2003	120.	.0192
1982	94.	.0134	1992	110.	.0159	2002	114.	.0182
1981	75.	.0106	1991	91.	.0132	2001	74.	.0118
1980	53.	.0076	1990	88.	.0127	2000	68.	.0108
1979	56.	.0079	1989	80.	.0116	1999	61.	.0097
1978	47.	.0067	1988	65.	.0094	1998	55.	.0088
1977	37.	.0052	1987	51.	.0073	1997	53.	.0085
1976	85.	.0121	1986	84.	.0121	1996	64.	.0102
	7020.			6931.			6272.	

TABLE B-4.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR CHAMBERS COUNTY

YEAR	2000		2010			2020		
AVG AGE	7.39		7.36			7.47		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	73.	.0735	2010	71.	.0730	2020	61.	.0710
1999	94.	.0944	2009	96.	.0983	2019	86.	.1004
1998	88.	.0887	2008	85.	.0874	2018	72.	.0836
1997	86.	.0868	2007	87.	.0889	2017	74.	.0865
1996	83.	.0841	2006	79.	.0811	2016	66.	.0772
1995	81.	.0815	2005	78.	.0795	2015	66.	.0768
1994	74.	.0749	2004	71.	.0724	2014	61.	.0710
1993	63.	.0637	2003	62.	.0631	2013	51.	.0599
1992	57.	.0572	2002	56.	.0570	2012	49.	.0576
1991	50.	.0510	2001	51.	.0523	2011	46.	.0535
1990	46.	.0462	2000	54.	.0557	2010	53.	.0621
1989	46.	.0467	1999	39.	.0403	2009	37.	.0428
1988	31.	.0317	1998	32.	.0329	2008	29.	.0343
1987	22.	.0226	1997	28.	.0283	2007	27.	.0318
1986	23.	.0229	1996	24.	.0241	2006	22.	.0256
1985	17.	.0175	1995	16.	.0161	2005	14.	.0163
1984	16.	.0166	1994	12.	.0121	2004	10.	.0120
1983	8.	.0084	1993	8.	.0079	2003	7.	.0080
1982	7.	.0071	1992	6.	.0066	2002	6.	.0066
1981	5.	.0050	1991	5.	.0050	2001	5.	.0056
1980	4.	.0042	1990	4.	.0037	2000	4.	.0047
1979	4.	.0041	1989	4.	.0041	1999	3.	.0035
1978	3.	.0031	1988	3.	.0027	1998	3.	.0030
1977	2.	.0023	1987	2.	.0018	1997	2.	.0026
1976	6.	.0056	1986	6.	.0057	1996	3.	.0036
	990.			977.			858.	

TABLE B-4.5
HDGT PROJECTED VEHICLE DISTRIBUTION FOR CHAMBERS COUNTY

YEAR	2000		2010			2020		
AVG AGE	15.71		14.45			13.52		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	13.	.0308	2010	13.	.0305	2020	18.	.0319
1999	15.	.0366	2009	18.	.0433	2019	20.	.0364
1998	17.	.0409	2008	24.	.0557	2018	17.	.0314
1997	13.	.0305	2007	37.	.0867	2017	21.	.0377
1996	12.	.0281	2006	18.	.0432	2016	24.	.0436
1995	11.	.0254	2005	24.	.0559	2015	31.	.0563
1994	10.	.0248	2004	11.	.0248	2014	26.	.0477
1993	10.	.0251	2003	11.	.0250	2013	16.	.0287
1992	10.	.0251	2002	11.	.0250	2012	18.	.0320
1991	10.	.0248	2001	11.	.0247	2011	17.	.0313
1990	10.	.0242	2000	10.	.0242	2010	15.	.0267
1989	10.	.0235	1999	10.	.0234	2009	17.	.0300
1988	10.	.0237	1998	10.	.0225	2008	15.	.0268
1987	11.	.0274	1997	9.	.0214	2007	40.	.0722
1986	12.	.0298	1996	9.	.0214	2006	35.	.0624
1985	17.	.0417	1995	9.	.0212	2005	54.	.0969
1984	21.	.0511	1994	8.	.0187	2004	11.	.0192
1983	15.	.0365	1993	8.	.0185	2003	19.	.0337
1982	18.	.0423	1992	7.	.0159	2002	20.	.0366
1981	17.	.0409	1991	6.	.0145	2001	7.	.0124
1980	20.	.0480	1990	6.	.0144	2000	7.	.0119
1979	39.	.0946	1989	9.	.0202	1999	8.	.0150
1978	30.	.0718	1988	22.	.0519	1998	14.	.0255
1977	26.	.0623	1987	88.	.2072	1997	51.	.0913
1976	38.	.0902	1986	38.	.0897	1996	34.	.0621
	417.			425.			553.	

TABLE B-4.6
HDDV PROJECTED VEHICLE DISTRIBUTION FOR CHAMBERS COUNTY

YEAR	2000		2010			2020		
AVG AGE	14.50		13.46			12.69		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	1.	.0041	2010	1.	.0041	2020	2.	.0093
1999	1.	.0112	2009	1.	.0111	2019	3.	.0179
1998	2.	.0180	2008	3.	.0218	2018	4.	.0260
1997	3.	.0242	2007	4.	.0280	2017	5.	.0303
1996	4.	.0335	2006	4.	.0334	2016	6.	.0364
1995	5.	.0379	2005	5.	.0417	2015	7.	.0381
1994	5.	.0411	2004	6.	.0489	2014	10.	.0557
1993	6.	.0472	2003	7.	.0589	2013	11.	.0659
1992	5.	.0362	2002	8.	.0599	2012	13.	.0747
1991	11.	.0840	2001	9.	.0677	2011	13.	.0764
1990	11.	.0909	2000	9.	.0746	2010	13.	.0741
1989	7.	.0531	1999	7.	.0529	2009	9.	.0536
1988	4.	.0346	1998	7.	.0545	2008	11.	.0645
1987	5.	.0438	1997	6.	.0476	2007	8.	.0462
1986	4.	.0327	1996	4.	.0327	2006	5.	.0278
1985	5.	.0415	1995	4.	.0295	2005	4.	.0241
1984	3.	.0264	1994	3.	.0264	2004	4.	.0236
1983	3.	.0234	1993	3.	.0274	2003	5.	.0264
1982	3.	.0247	1992	2.	.0128	2002	5.	.0267
1981	5.	.0383	1991	9.	.0699	2001	5.	.0303
1980	5.	.0362	1990	10.	.0758	2000	6.	.0373
1979	4.	.0305	1989	6.	.0462	1999	6.	.0359
1978	10.	.0810	1988	2.	.0169	1998	7.	.0406
1977	2.	.0158	1987	5.	.0395	1997	8.	.0456
1976	11.	.0897	1986	2.	.0178	1996	2.	.0127
	125.			126.			172.	

TABLE B-5.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR COLLIN COUNTY

DALLAS MSA

YEAR	2000		2010			2020		
AVG AGE	7.49		7.74			7.90		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	21266.	.0818	2010	27606.	.0793	2020	33544.	.0778
1999	23223.	.0893	2009	29847.	.0857	2019	35973.	.0835
1998	23120.	.0889	2008	29703.	.0853	2018	35851.	.0832
1997	22487.	.0865	2007	28879.	.0829	2017	34897.	.0810
1996	21370.	.0822	2006	27562.	.0791	2016	33370.	.0774
1995	19972.	.0768	2005	26101.	.0749	2015	31757.	.0737
1994	18489.	.0711	2004	24548.	.0705	2014	30085.	.0698
1993	17073.	.0657	2003	22686.	.0651	2013	27924.	.0648
1992	14165.	.0545	2002	21029.	.0604	2012	26183.	.0608
1991	14470.	.0557	2001	19183.	.0551	2011	24166.	.0561
1990	12437.	.0478	2000	16941.	.0486	2010	21500.	.0499
1989	10577.	.0407	1999	14397.	.0413	2009	18259.	.0424
1988	8852.	.0340	1998	12191.	.0350	2008	15541.	.0361
1987	6999.	.0269	1997	9804.	.0281	2007	12464.	.0289
1986	5812.	.0224	1996	7963.	.0229	2006	10173.	.0236
1985	4551.	.0175	1995	6350.	.0182	2005	8217.	.0191
1984	3441.	.0132	1994	4812.	.0138	2004	6209.	.0144
1983	2250.	.0087	1993	3676.	.0106	2003	4688.	.0109
1982	1717.	.0066	1992	2614.	.0075	2002	3598.	.0084
1981	1311.	.0050	1991	2173.	.0062	2001	2666.	.0062
1980	997.	.0038	1990	1576.	.0045	2000	1917.	.0044
1979	838.	.0032	1989	1158.	.0033	1999	1388.	.0032
1978	637.	.0025	1988	842.	.0024	1998	1006.	.0023
1977	462.	.0018	1987	606.	.0017	1997	729.	.0017
1976	3487.	.0134	1986	6079.	.0175	1996	8820.	.0205
	260003.			348326.			430925.	

TABLE B-5.2
MOTORCYCLE PROJECTED VEHICLE DISTRIBUTION FOR COLLIN COUNTY

YEAR	2000		2010			2020		
AVG AGE	10.11		9.72			9.83		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	73.	.0228	2010	57.	.0216	2020	47.	.0210
1999	78.	.0245	2009	88.	.0333	2019	75.	.0333
1998	114.	.0358	2008	106.	.0400	2018	83.	.0369
1997	149.	.0467	2007	134.	.0505	2017	104.	.0462
1996	183.	.0572	2006	176.	.0662	2016	140.	.0626
1995	167.	.0523	2005	180.	.0678	2015	142.	.0635
1994	168.	.0527	2004	197.	.0743	2014	151.	.0673
1993	205.	.0642	2003	246.	.0927	2013	187.	.0832
1992	321.	.1005	2002	258.	.0973	2012	179.	.0799
1991	291.	.0909	2001	109.	.0410	2011	167.	.0745
1990	267.	.0835	2000	134.	.0503	2010	182.	.0812
1989	1180.	.3690	1999	969.	.3650	2009	786.	.3505
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	3198.			2656.			2243.	

TABLE B-5.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR COLLIN COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.75		8.95			9.12		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	5256.	.0769	2010	7436.	.0751	2020	9627.	.0738
1999	5325.	.0779	2009	7282.	.0735	2019	9143.	.0701
1998	5281.	.0773	2008	7298.	.0737	2018	9298.	.0713
1997	5168.	.0756	2007	7257.	.0733	2017	9384.	.0719
1996	4944.	.0724	2006	7100.	.0717	2016	9267.	.0710
1995	4593.	.0672	2005	6713.	.0678	2015	8747.	.0670
1994	4301.	.0629	2004	6357.	.0642	2014	8355.	.0640
1993	4058.	.0594	2003	6036.	.0609	2013	8015.	.0614
1992	3651.	.0534	2002	5707.	.0576	2012	7649.	.0586
1991	3705.	.0542	2001	5140.	.0519	2011	6866.	.0526
1990	3066.	.0449	2000	4669.	.0471	2010	6285.	.0482
1989	2811.	.0411	1999	4069.	.0411	2009	5400.	.0414
1988	2368.	.0347	1998	3406.	.0344	2008	4447.	.0341
1987	1937.	.0283	1997	2917.	.0295	2007	3811.	.0292
1986	2017.	.0295	1996	2526.	.0255	2006	3341.	.0256
1985	1646.	.0241	1995	2169.	.0219	2005	2920.	.0224
1984	1420.	.0208	1994	1936.	.0196	2004	2658.	.0204
1983	988.	.0145	1993	1594.	.0161	2003	2162.	.0166
1982	852.	.0125	1992	1340.	.0135	2002	1885.	.0144
1981	697.	.0102	1991	1247.	.0126	2001	1584.	.0121
1980	557.	.0082	1990	955.	.0096	2000	1284.	.0098
1979	576.	.0084	1989	809.	.0082	1999	1049.	.0080
1978	481.	.0070	1988	654.	.0066	1998	854.	.0065
1977	382.	.0056	1987	512.	.0052	1997	696.	.0053
1976	2251.	.0329	1986	3908.	.0395	1996	5764.	.0442
	68333.			99038.			130491.	

TABLE B-5.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR COLLIN COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.52		9.23			9.49		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	397.	.0641	2010	525.	.0644	2020	641.	.0645
1999	432.	.0697	2009	578.	.0710	2019	698.	.0702
1998	443.	.0716	2008	609.	.0747	2018	728.	.0732
1997	435.	.0702	2007	608.	.0746	2017	719.	.0723
1996	416.	.0672	2006	570.	.0700	2016	671.	.0675
1995	402.	.0648	2005	556.	.0683	2015	665.	.0669
1994	361.	.0584	2004	469.	.0575	2014	546.	.0549
1993	341.	.0551	2003	442.	.0542	2013	522.	.0525
1992	317.	.0512	2002	411.	.0504	2012	486.	.0489
1991	289.	.0467	2001	397.	.0487	2011	478.	.0481
1990	260.	.0420	2000	379.	.0466	2010	456.	.0459
1989	262.	.0423	1999	357.	.0438	2009	436.	.0439
1988	227.	.0366	1998	338.	.0415	2008	423.	.0426
1987	181.	.0292	1997	295.	.0362	2007	371.	.0373
1986	225.	.0363	1996	253.	.0311	2006	313.	.0315
1985	203.	.0328	1995	210.	.0258	2005	259.	.0260
1984	178.	.0288	1994	170.	.0209	2004	205.	.0207
1983	112.	.0181	1993	131.	.0161	2003	155.	.0156
1982	86.	.0139	1992	104.	.0128	2002	124.	.0125
1981	74.	.0119	1991	102.	.0125	2001	126.	.0126
1980	80.	.0129	1990	101.	.0124	2000	134.	.0134
1979	129.	.0209	1989	129.	.0159	1999	154.	.0155
1978	120.	.0194	1988	139.	.0171	1998	192.	.0193
1977	147.	.0237	1987	143.	.0175	1997	257.	.0258
1976	76.	.0122	1986	131.	.0160	1996	183.	.0185
	6192.			8147.			9943.	

TABLE B-5.5
HDGT PROJECTED VEHICLE DISTRIBUTION FOR COLLIN COUNTY

YEAR	2000		2010			2020		
AVG AGE	13.82		13.07			12.87		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	54.	.0275	2010	66.	.0296	2020	72.	.0295
1999	43.	.0218	2009	78.	.0350	2019	81.	.0330
1998	53.	.0273	2008	88.	.0392	2018	84.	.0344
1997	66.	.0336	2007	104.	.0465	2017	95.	.0389
1996	72.	.0369	2006	112.	.0500	2016	99.	.0404
1995	71.	.0365	2005	134.	.0599	2015	113.	.0465
1994	73.	.0373	2004	153.	.0685	2014	129.	.0531
1993	88.	.0452	2003	175.	.0784	2013	149.	.0613
1992	112.	.0576	2002	177.	.0792	2012	179.	.0734
1991	199.	.1019	2001	58.	.0262	2011	170.	.0699
1990	96.	.0489	2000	58.	.0259	2010	183.	.0752
1989	74.	.0380	1999	56.	.0250	2009	204.	.0837
1988	75.	.0383	1998	56.	.0249	2008	58.	.0239
1987	62.	.0315	1997	53.	.0236	2007	54.	.0220
1986	77.	.0392	1996	52.	.0234	2006	51.	.0208
1985	59.	.0301	1995	48.	.0214	2005	48.	.0196
1984	54.	.0274	1994	45.	.0200	2004	44.	.0182
1983	45.	.0228	1993	45.	.0201	2003	41.	.0169
1982	52.	.0267	1992	52.	.0233	2002	38.	.0157
1981	66.	.0340	1991	79.	.0355	2001	33.	.0136
1980	53.	.0269	1990	63.	.0283	2000	30.	.0122
1979	75.	.0386	1989	66.	.0294	1999	28.	.0113
1978	61.	.0312	1988	53.	.0239	1998	24.	.0100
1977	58.	.0295	1987	53.	.0236	1997	23.	.0095
1976	218.	.1115	1986	311.	.1393	1996	407.	.1668
	1954.			2234.			2437.	

TABLE B-5.6
HDDV PROJECTED VEHICLE DISTRIBUTION FOR COLLIN COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.39		7.45			6.58		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	90.	.1575	2010	67.	.0966	2020	106.	.1344
1999	36.	.0635	2009	154.	.2219	2019	224.	.2824
1998	30.	.0518	2008	35.	.0509	2018	27.	.0340
1997	35.	.0601	2007	49.	.0703	2017	36.	.0460
1996	37.	.0649	2006	32.	.0454	2016	35.	.0436
1995	36.	.0635	2005	56.	.0813	2015	45.	.0571
1994	31.	.0532	2004	32.	.0463	2014	37.	.0467
1993	30.	.0527	2003	57.	.0816	2013	46.	.0575
1992	22.	.0388	2002	27.	.0395	2012	36.	.0449
1991	24.	.0422	2001	26.	.0374	2011	36.	.0453
1990	20.	.0345	2000	22.	.0311	2010	28.	.0350
1989	17.	.0301	1999	19.	.0267	2009	24.	.0301
1988	15.	.0258	1998	16.	.0224	2008	19.	.0240
1987	13.	.0234	1997	13.	.0190	2007	17.	.0218
1986	11.	.0188	1996	11.	.0153	2006	12.	.0156
1985	9.	.0165	1995	8.	.0121	2005	12.	.0155
1984	11.	.0199	1994	6.	.0093	2004	8.	.0096
1983	8.	.0142	1993	5.	.0071	2003	5.	.0067
1982	8.	.0133	1992	3.	.0047	2002	4.	.0049
1981	18.	.0320	1991	3.	.0048	2001	3.	.0035
1980	10.	.0179	1990	4.	.0052	2000	2.	.0025
1979	14.	.0242	1989	5.	.0073	1999	2.	.0023
1978	11.	.0193	1988	6.	.0090	1998	1.	.0018
1977	9.	.0155	1987	8.	.0122	1997	2.	.0026
1976	27.	.0464	1986	30.	.0428	1996	25.	.0322
	574.			695.			792.	

TABLE B-6.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR COMAL COUNTY

SAN ANTONIO MSA

YEAR	2000		2010			2020		
AVG AGE	9.02		9.09			9.15		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	2568.	.0637	2010	3299.	.0643	2020	4001.	.0649
1999	2731.	.0677	2009	3450.	.0673	2019	4115.	.0667
1998	2828.	.0701	2008	3593.	.0701	2018	4320.	.0700
1997	2867.	.0711	2007	3627.	.0707	2017	4361.	.0707
1996	2821.	.0699	2006	3553.	.0693	2016	4254.	.0690
1995	2750.	.0682	2005	3497.	.0682	2015	4172.	.0676
1994	2631.	.0652	2004	3342.	.0652	2014	4006.	.0649
1993	2478.	.0614	2003	3140.	.0612	2013	3757.	.0609
1992	1987.	.0493	2002	3002.	.0586	2012	3590.	.0582
1991	2682.	.0665	2001	2897.	.0565	2011	3493.	.0566
1990	2102.	.0521	2000	2633.	.0514	2010	3180.	.0515
1989	1879.	.0466	1999	2338.	.0456	2009	2785.	.0451
1988	1611.	.0399	1998	2041.	.0398	2008	2423.	.0393
1987	1384.	.0343	1997	1776.	.0346	2007	2109.	.0342
1986	1230.	.0305	1996	1498.	.0292	2006	1778.	.0288
1985	1102.	.0273	1995	1315.	.0257	2005	1607.	.0261
1984	892.	.0221	1994	1078.	.0210	2004	1306.	.0212
1983	617.	.0153	1993	879.	.0171	2003	1063.	.0172
1982	486.	.0121	1992	578.	.0113	2002	826.	.0134
1981	412.	.0102	1991	630.	.0123	2001	627.	.0102
1980	357.	.0089	1990	465.	.0091	2000	534.	.0087
1979	324.	.0080	1989	396.	.0077	1999	456.	.0074
1978	272.	.0067	1988	329.	.0064	1998	388.	.0063
1977	223.	.0055	1987	275.	.0054	1997	331.	.0054
1976	1102.	.0273	1986	1639.	.0320	1996	2197.	.0356
	40337.			51273.			61680.	

TABLE B-6.2
MOTORCYCLE PROJECTED VEHICLE DISTRIBUTION FOR COMAL COUNTY

YEAR	2000		2010			2020		
AVG AGE	10.78		11.01			10.95		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	4.	.0057	2010	2.	.0051	2020	2.	.0051
1999	14.	.0225	2009	12.	.0250	2019	10.	.0272
1998	15.	.0243	2008	9.	.0189	2018	23.	.0630
1997	21.	.0337	2007	12.	.0264	2017	6.	.0167
1996	27.	.0447	2006	16.	.0334	2016	8.	.0226
1995	34.	.0548	2005	18.	.0396	2015	11.	.0306
1994	36.	.0589	2004	25.	.0548	2014	15.	.0422
1993	36.	.0587	2003	27.	.0583	2013	18.	.0489
1992	55.	.0891	2002	35.	.0760	2012	25.	.0700
1991	58.	.0940	2001	53.	.1143	2011	42.	.1167
1990	56.	.0906	2000	59.	.1271	2010	45.	.1252
1989	260.	.4231	1999	196.	.4211	2009	156.	.4318
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	614.			465.			361.	

TABLE B-6.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR COMAL COUNTY

YEAR	2000		2010			2020		
AVG AGE	10.49		11.08			11.56		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	1026.	.0572	2010	1177.	.0506	2020	1320.	.0464
1999	1075.	.0599	2009	1270.	.0546	2019	1450.	.0509
1998	1052.	.0586	2008	1261.	.0542	2018	1436.	.0505
1997	1058.	.0590	2007	1287.	.0553	2017	1470.	.0516
1996	1057.	.0589	2006	1287.	.0553	2016	1476.	.0518
1995	1035.	.0577	2005	1230.	.0529	2015	1417.	.0498
1994	1007.	.0561	2004	1203.	.0517	2014	1390.	.0488
1993	972.	.0542	2003	1177.	.0506	2013	1372.	.0482
1992	878.	.0489	2002	1130.	.0486	2012	1325.	.0465
1991	870.	.0485	2001	1093.	.0470	2011	1301.	.0457
1990	757.	.0422	2000	1061.	.0456	2010	1279.	.0449
1989	734.	.0409	1999	949.	.0408	2009	1150.	.0404
1988	625.	.0348	1998	829.	.0356	2008	1013.	.0356
1987	781.	.0435	1997	1131.	.0486	2007	1490.	.0523
1986	858.	.0478	1996	1031.	.0443	2006	1360.	.0478
1985	709.	.0395	1995	1011.	.0435	2005	1301.	.0457
1984	609.	.0339	1994	850.	.0365	2004	1069.	.0375
1983	415.	.0231	1993	657.	.0282	2003	825.	.0290
1982	395.	.0220	1992	531.	.0228	2002	722.	.0254
1981	340.	.0189	1991	496.	.0213	2001	662.	.0233
1980	255.	.0142	1990	390.	.0168	2000	588.	.0207
1979	244.	.0136	1989	368.	.0158	1999	514.	.0181
1978	175.	.0098	1988	305.	.0131	1998	441.	.0155
1977	144.	.0080	1987	256.	.0110	1997	384.	.0135
1976	874.	.0487	1986	1280.	.0550	1996	1709.	.0600
	17943.			23264.			28464.	

TABLE B-6.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR COMAL COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.47		9.92			10.35		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	141.	.0548	2010	175.	.0500	2020	209.	.0467
1999	155.	.0602	2009	197.	.0562	2019	241.	.0538
1998	152.	.0589	2008	192.	.0548	2018	232.	.0518
1997	165.	.0640	2007	214.	.0609	2017	261.	.0582
1996	164.	.0635	2006	211.	.0601	2016	256.	.0570
1995	175.	.0679	2005	226.	.0644	2015	280.	.0624
1994	177.	.0686	2004	229.	.0653	2014	285.	.0635
1993	158.	.0615	2003	202.	.0575	2013	248.	.0553
1992	142.	.0550	2002	212.	.0604	2012	269.	.0600
1991	170.	.0661	2001	229.	.0652	2011	301.	.0671
1990	140.	.0544	2000	223.	.0635	2010	292.	.0652
1989	145.	.0563	1999	192.	.0548	2009	244.	.0544
1988	119.	.0460	1998	157.	.0446	2008	196.	.0437
1987	72.	.0280	1997	121.	.0344	2007	150.	.0334
1986	93.	.0362	1996	109.	.0309	2006	136.	.0304
1985	73.	.0285	1995	95.	.0270	2005	118.	.0264
1984	68.	.0263	1994	87.	.0249	2004	113.	.0251
1983	46.	.0179	1993	70.	.0199	2003	89.	.0198
1982	37.	.0143	1992	56.	.0159	2002	77.	.0172
1981	28.	.0110	1991	49.	.0140	2001	65.	.0146
1980	24.	.0092	1990	39.	.0112	2000	57.	.0126
1979	25.	.0098	1989	35.	.0100	1999	49.	.0109
1978	24.	.0091	1988	31.	.0087	1998	44.	.0098
1977	20.	.0078	1987	24.	.0070	1997	40.	.0089
1976	63.	.0245	1986	134.	.0383	1996	232.	.0517
	2575.			3509.			4483.	

TABLE B-6.5
HOGT PROJECTED VEHICLE DISTRIBUTION FOR COMAL COUNTY

YEAR	2000		2010			2020		
AVG AGE	12.77		12.67			12.94		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	15.	.0215	2010	16.	.0219	2020	17.	.0218
1999	19.	.0265	2009	20.	.0269	2019	21.	.0275
1998	24.	.0332	2008	25.	.0336	2018	26.	.0342
1997	33.	.0459	2007	37.	.0492	2017	39.	.0510
1996	40.	.0567	2006	49.	.0665	2016	54.	.0712
1995	39.	.0544	2005	46.	.0623	2015	49.	.0646
1994	43.	.0600	2004	52.	.0698	2014	54.	.0706
1993	42.	.0595	2003	47.	.0633	2013	47.	.0616
1992	36.	.0508	2002	35.	.0475	2012	33.	.0435
1991	41.	.0571	2001	33.	.0448	2011	31.	.0414
1990	36.	.0511	2000	31.	.0416	2010	29.	.0389
1989	31.	.0439	1999	31.	.0414	2009	30.	.0392
1988	28.	.0393	1998	33.	.0442	2008	32.	.0419
1987	22.	.0309	1997	27.	.0367	2007	26.	.0345
1986	24.	.0342	1996	24.	.0324	2006	23.	.0308
1985	24.	.0339	1995	21.	.0286	2005	20.	.0270
1984	22.	.0307	1994	20.	.0267	2004	19.	.0251
1983	23.	.0317	1993	18.	.0242	2003	17.	.0219
1982	20.	.0285	1992	18.	.0237	2002	16.	.0207
1981	19.	.0267	1991	20.	.0273	2001	15.	.0195
1980	14.	.0195	1990	15.	.0202	2000	12.	.0152
1979	16.	.0221	1989	11.	.0153	1999	10.	.0129
1978	16.	.0228	1988	9.	.0125	1998	9.	.0122
1977	14.	.0200	1987	8.	.0105	1997	9.	.0122
1976	71.	.0990	1986	96.	.1289	1996	122.	.1608
	713.			743.			759.	

TABLE B-6.6
HDDV PROJECTED VEHICLE DISTRIBUTION FOR COMAL COUNTY

YEAR	2000		2010			2020		
AVG AGE	12.47		13.55			14.34		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	10.	.0200	2010	5.	.0085	2020	6.	.0082
1999	10.	.0197	2009	15.	.0236	2019	9.	.0125
1998	18.	.0347	2008	11.	.0182	2018	17.	.0245
1997	16.	.0315	2007	24.	.0393	2017	16.	.0233
1996	19.	.0373	2006	19.	.0313	2016	29.	.0424
1995	23.	.0441	2005	31.	.0504	2015	25.	.0364
1994	25.	.0489	2004	28.	.0459	2014	30.	.0428
1993	25.	.0498	2003	28.	.0455	2013	29.	.0413
1992	21.	.0408	2002	35.	.0574	2012	32.	.0456
1991	35.	.0690	2001	29.	.0473	2011	31.	.0442
1990	21.	.0406	2000	39.	.0642	2010	30.	.0435
1989	37.	.0731	1999	30.	.0495	2009	43.	.0617
1988	32.	.0620	1998	47.	.0766	2008	31.	.0441
1987	26.	.0516	1997	28.	.0463	2007	51.	.0728
1986	27.	.0526	1996	28.	.0450	2006	31.	.0444
1985	37.	.0731	1995	26.	.0427	2005	43.	.0617
1984	24.	.0477	1994	23.	.0370	2004	28.	.0408
1983	15.	.0292	1993	21.	.0337	2003	25.	.0357
1982	18.	.0355	1992	13.	.0207	2002	27.	.0385
1981	19.	.0380	1991	24.	.0396	2001	19.	.0277
1980	13.	.0262	1990	10.	.0164	2000	26.	.0371
1979	13.	.0254	1989	21.	.0340	1999	16.	.0237
1978	8.	.0161	1988	14.	.0225	1998	24.	.0342
1977	5.	.0100	1987	9.	.0154	1997	11.	.0154
1976	12.	.0229	1986	55.	.0890	1996	68.	.0976
	511.			614.			695.	

TABLE B-7.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR DALLAS COUNTY

DALLAS MSA

YEAR	2000		2010			2020		
AVG AGE	8.30		8.33			8.30		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	88168.	.0729	2010	95918.	.0742	2020	102893.	.0752
1999	87467.	.0723	2009	92739.	.0718	2019	97450.	.0712
1998	87956.	.0728	2008	92270.	.0714	2018	98477.	.0720
1997	88041.	.0728	2007	92945.	.0719	2017	99138.	.0725
1996	86237.	.0713	2006	92343.	.0715	2016	98521.	.0720
1995	82644.	.0684	2005	91320.	.0707	2015	97290.	.0711
1994	79402.	.0657	2004	89271.	.0691	2014	95313.	.0697
1993	77325.	.0640	2003	86309.	.0668	2013	92018.	.0673
1992	74392.	.0615	2002	82239.	.0636	2012	87210.	.0638
1991	80997.	.0670	2001	77685.	.0601	2011	81949.	.0599
1990	70270.	.0581	2000	70351.	.0544	2010	74042.	.0541
1989	60453.	.0500	1999	62388.	.0483	2009	64959.	.0475
1988	51023.	.0422	1998	52716.	.0408	2008	53857.	.0394
1987	41736.	.0345	1997	44107.	.0341	2007	45496.	.0333
1986	34577.	.0286	1996	35684.	.0276	2006	37462.	.0274
1985	27776.	.0230	1995	27856.	.0216	2005	30324.	.0222
1984	21466.	.0178	1994	21704.	.0168	2004	23998.	.0175
1983	13943.	.0115	1993	16788.	.0130	2003	18215.	.0133
1982	10807.	.0089	1992	13229.	.0102	2002	14179.	.0104
1981	8597.	.0071	1991	12010.	.0093	2001	11188.	.0082
1980	6800.	.0056	1990	9174.	.0071	2000	8858.	.0065
1979	6263.	.0052	1989	7121.	.0055	1999	7050.	.0052
1978	4900.	.0041	1988	5587.	.0043	1998	5526.	.0040
1977	3705.	.0031	1987	4243.	.0033	1997	4282.	.0031
1976	14051.	.0116	1986	16185.	.0125	1996	18210.	.0133
	1208996.			1292181.			1367903.	

TABLE B-7.2
MOTORCYCLE PROJECTED VEHICLE DISTRIBUTION FOR DALLAS COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.88		10.00			10.07		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	237.	.0197	2010	170.	.0191	2020	128.	.0187
1999	400.	.0332	2009	283.	.0318	2019	214.	.0313
1998	517.	.0429	2008	362.	.0407	2018	271.	.0397
1997	607.	.0504	2007	423.	.0476	2017	318.	.0465
1996	662.	.0550	2006	456.	.0512	2016	339.	.0496
1995	746.	.0619	2005	515.	.0579	2015	389.	.0569
1994	808.	.0671	2004	574.	.0645	2014	435.	.0636
1993	858.	.0713	2003	620.	.0697	2013	469.	.0686
1992	1066.	.0885	2002	695.	.0781	2012	531.	.0776
1991	894.	.0742	2001	769.	.0864	2011	598.	.0875
1990	909.	.0754	2000	822.	.0923	2010	641.	.0938
1989	4342.	.3604	1999	3211.	.3607	2009	2504.	.3662
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	12047.			8900.			6837.	

TABLE B-7.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR DALLAS COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.38		9.52			9.57		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	19215.	.0631	2010	20023.	.0623	2020	20695.	.0615
1999	19377.	.0636	2009	19991.	.0622	2019	20472.	.0608
1998	19637.	.0645	2008	20274.	.0630	2018	21016.	.0624
1997	19661.	.0645	2007	20554.	.0639	2017	21340.	.0634
1996	19477.	.0639	2006	20723.	.0644	2016	21581.	.0641
1995	20230.	.0664	2005	20658.	.0642	2015	21534.	.0639
1994	19408.	.0637	2004	20178.	.0627	2014	21108.	.0627
1993	17702.	.0581	2003	19625.	.0610	2013	20592.	.0611
1992	17054.	.0560	2002	18878.	.0587	2012	19830.	.0589
1991	18438.	.0605	2001	17990.	.0559	2011	18905.	.0561
1990	16156.	.0530	2000	16729.	.0520	2010	17633.	.0524
1989	15203.	.0499	1999	15192.	.0472	2009	15993.	.0475
1988	12909.	.0424	1998	13416.	.0417	2008	14099.	.0419
1987	10577.	.0347	1997	11785.	.0366	2007	12549.	.0373
1986	10926.	.0359	1996	10361.	.0322	2006	11268.	.0335
1985	9119.	.0299	1995	9442.	.0294	2005	9734.	.0289
1984	7587.	.0249	1994	7947.	.0247	2004	8363.	.0248
1983	5213.	.0171	1993	6246.	.0194	2003	6999.	.0208
1982	4440.	.0146	1992	5294.	.0165	2002	5904.	.0175
1981	3567.	.0117	1991	4909.	.0153	2001	4786.	.0142
1980	2773.	.0091	1990	3900.	.0121	2000	4034.	.0120
1979	2874.	.0094	1989	3410.	.0106	1999	3404.	.0101
1978	2494.	.0082	1988	2735.	.0085	1998	2833.	.0084
1977	1984.	.0065	1987	2113.	.0066	1997	2343.	.0070
1976	8658.	.0284	1986	9223.	.0287	1996	9749.	.0290
	304676.			321593.			336765.	

TABLE B-7.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR DALLAS COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.44		9.23			9.17		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	1648.	.0656	2010	1712.	.0700	2020	1777.	.0743
1999	1580.	.0630	2009	1556.	.0636	2019	1539.	.0644
1998	1587.	.0632	2008	1518.	.0621	2018	1510.	.0632
1997	1648.	.0656	2007	1583.	.0647	2017	1573.	.0658
1996	1629.	.0649	2006	1589.	.0650	2016	1568.	.0656
1995	1574.	.0627	2005	1594.	.0652	2015	1567.	.0656
1994	1512.	.0603	2004	1553.	.0635	2014	1522.	.0637
1993	1486.	.0592	2003	1522.	.0622	2013	1487.	.0622
1992	1439.	.0573	2002	1460.	.0597	2012	1408.	.0589
1991	1380.	.0550	2001	1356.	.0554	2011	1294.	.0541
1990	1254.	.0500	2000	1238.	.0506	2010	1172.	.0491
1989	1171.	.0467	1999	1140.	.0466	2009	1072.	.0449
1988	1053.	.0420	1998	1027.	.0420	2008	951.	.0398
1987	775.	.0309	1997	889.	.0363	2007	827.	.0346
1986	903.	.0360	1996	791.	.0323	2006	751.	.0314
1985	805.	.0321	1995	654.	.0268	2005	640.	.0268
1984	722.	.0287	1994	565.	.0231	2004	563.	.0236
1983	528.	.0210	1993	500.	.0204	2003	498.	.0208
1982	450.	.0179	1992	443.	.0181	2002	435.	.0182
1981	323.	.0129	1991	375.	.0153	2001	356.	.0149
1980	290.	.0116	1990	323.	.0132	2000	311.	.0130
1979	407.	.0162	1989	289.	.0118	1999	272.	.0114
1978	324.	.0129	1988	253.	.0103	1998	237.	.0099
1977	278.	.0111	1987	177.	.0072	1997	204.	.0085
1976	334.	.0133	1986	354.	.0145	1996	367.	.0153
	25101.			24459.			23900.	

TABLE B-7.5
HDGT PROJECTED VEHICLE DISTRIBUTION FOR DALLAS COUNTY

YEAR	2000		2010			2020		
AVG AGE	7.75		7.05			6.71		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	1939.	.0957	2010	2229.	.1106	2020	2495.	.1246
1999	1961.	.0968	2009	2171.	.1077	2019	2340.	.1168
1998	1961.	.0968	2008	2131.	.1058	2018	2251.	.1124
1997	1858.	.0917	2007	1994.	.0990	2017	2036.	.1016
1996	1674.	.0826	2006	1758.	.0873	2016	1735.	.0866
1995	1496.	.0738	2005	1535.	.0762	2015	1481.	.0739
1994	1203.	.0594	2004	1178.	.0585	2014	1109.	.0554
1993	1087.	.0536	2003	1031.	.0512	2013	964.	.0481
1992	965.	.0476	2002	893.	.0443	2012	826.	.0412
1991	806.	.0398	2001	790.	.0392	2011	728.	.0363
1990	678.	.0335	2000	677.	.0336	2010	621.	.0310
1989	574.	.0283	1999	583.	.0289	2009	535.	.0267
1988	546.	.0270	1998	506.	.0251	2008	464.	.0232
1987	496.	.0245	1997	435.	.0216	2007	400.	.0200
1986	498.	.0246	1996	376.	.0187	2006	345.	.0172
1985	453.	.0224	1995	319.	.0158	2005	292.	.0146
1984	371.	.0183	1994	270.	.0134	2004	245.	.0122
1983	264.	.0130	1993	226.	.0112	2003	204.	.0102
1982	253.	.0125	1992	192.	.0095	2002	171.	.0085
1981	221.	.0109	1991	154.	.0077	2001	142.	.0071
1980	170.	.0084	1990	123.	.0061	2000	115.	.0057
1979	188.	.0093	1989	97.	.0048	1999	92.	.0046
1978	134.	.0066	1988	80.	.0040	1998	73.	.0037
1977	104.	.0051	1987	65.	.0032	1997	58.	.0029
1976	362.	.0179	1986	335.	.0166	1996	309.	.0154
	20261.			20146.			20030.	

TABLE B-7.6
HDDV PROJECTED VEHICLE DISTRIBUTION FOR DALLAS COUNTY

YEAR	2000		2010			2020		
AVG AGE	7.35		7.41			7.53		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	738.	.0942	2010	849.	.1046	2020	933.	.1117
1999	674.	.0860	2009	754.	.0929	2019	747.	.0894
1998	661.	.0843	2008	716.	.0883	2018	707.	.0847
1997	691.	.0882	2007	678.	.0836	2017	683.	.0818
1996	746.	.0952	2006	664.	.0819	2016	672.	.0805
1995	685.	.0874	2005	635.	.0782	2015	641.	.0768
1994	563.	.0719	2004	556.	.0685	2014	557.	.0667
1993	529.	.0675	2003	514.	.0634	2013	527.	.0631
1992	300.	.0383	2002	455.	.0561	2012	466.	.0558
1991	382.	.0487	2001	405.	.0499	2011	414.	.0496
1990	349.	.0445	2000	339.	.0418	2010	356.	.0427
1989	271.	.0346	1999	278.	.0343	2009	295.	.0353
1988	216.	.0275	1998	232.	.0286	2008	246.	.0295
1987	192.	.0245	1997	194.	.0240	2007	196.	.0235
1986	169.	.0215	1996	168.	.0207	2006	160.	.0191
1985	144.	.0184	1995	122.	.0150	2005	119.	.0143
1984	136.	.0173	1994	101.	.0124	2004	104.	.0124
1983	76.	.0098	1993	81.	.0099	2003	81.	.0097
1982	60.	.0077	1992	39.	.0048	2002	58.	.0070
1981	46.	.0059	1991	35.	.0043	2001	38.	.0045
1980	37.	.0047	1990	28.	.0035	2000	29.	.0035
1979	42.	.0053	1989	22.	.0027	1999	24.	.0028
1978	27.	.0034	1988	17.	.0020	1998	19.	.0022
1977	18.	.0022	1987	16.	.0020	1997	16.	.0019
1976	85.	.0109	1986	214.	.0264	1996	262.	.0314
	7834.			8112.			8350.	

TABLE B-8.1
AUTOMOBILE PROJECTED VEHICLE DISTRIBUTION FOR DENTON COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.40		9.48			9.24		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	14614.	.0653	2010	20138.	.0664	2020	25421.	.0671
1999	15274.	.0683	2009	15162.	.0500	2019	28580.	.0754
1998	16609.	.0743	2008	16043.	.0529	2018	29702.	.0784
1997	16931.	.0757	2007	16336.	.0538	2017	31060.	.0819
1996	16600.	.0742	2006	16890.	.0557	2016	32177.	.0849
1995	15741.	.0704	2005	17728.	.0584	2015	33496.	.0884
1994	13215.	.0591	2004	18987.	.0626	2014	14772.	.0390
1993	12799.	.0572	2003	18665.	.0615	2013	14403.	.0380
1992	13056.	.0584	2002	18953.	.0625	2012	13597.	.0359
1991	16030.	.0717	2001	19793.	.0652	2011	14080.	.0371
1990	14087.	.0630	2000	23808.	.0784	2010	14904.	.0393
1989	12568.	.0562	1999	19162.	.0631	2009	15030.	.0396
1988	10123.	.0453	1998	16602.	.0547	2008	13372.	.0353
1987	7971.	.0356	1997	13784.	.0454	2007	11524.	.0304
1986	6701.	.0300	1996	10834.	.0357	2006	10883.	.0287
1985	5143.	.0230	1995	8153.	.0269	2005	10597.	.0280
1984	3972.	.0178	1994	5193.	.0171	2004	10929.	.0288
1983	2415.	.0108	1993	4186.	.0138	2003	8982.	.0237
1982	1827.	.0082	1992	3700.	.0122	2002	7900.	.0208
1981	1455.	.0065	1991	4666.	.0154	2001	8046.	.0212
1980	1133.	.0051	1990	3501.	.0115	2000	8879.	.0234
1979	1065.	.0048	1989	2828.	.0093	1999	5763.	.0152
1978	825.	.0037	1988	2084.	.0069	1998	4680.	.0123
1977	609.	.0027	1987	1490.	.0049	1997	3485.	.0092
1976	2872.	.0128	1986	4797.	.0158	1996	6800.	.0179
	223636.			303484.			379061.	

TABLE B-8.2
MOTORCYCLE PROJECTED DISTRIBUTION FOR DENTON COUNTY

YEAR	2000		2010			2020		
AVG AGE	11.34		10.81			10.75		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	22.	.0092	2010	13.	.0086	2020	8.	.0085
1999	32.	.0133	2009	27.	.0185	2019	20.	.0200
1998	60.	.0247	2008	38.	.0258	2018	25.	.0253
1997	81.	.0333	2007	50.	.0338	2017	33.	.0339
1996	98.	.0403	2006	66.	.0448	2016	47.	.0477
1995	100.	.0409	2005	73.	.0495	2015	52.	.0525
1994	140.	.0576	2004	76.	.0517	2014	53.	.0543
1993	80.	.0328	2003	95.	.0645	2013	66.	.0667
1992	166.	.0680	2002	123.	.0831	2012	80.	.0817
1991	212.	.0868	2001	133.	.0899	2011	78.	.0798
1990	240.	.0982	2000	165.	.1116	2010	112.	.1136
1989	1207.	.4950	1999	617.	.4183	2009	409.	.4161
1988	0.	.0000	1998	0.	.0000	2008	0.	.0000
1987	0.	.0000	1997	0.	.0000	2007	0.	.0000
1986	0.	.0000	1996	0.	.0000	2006	0.	.0000
1985	0.	.0000	1995	0.	.0000	2005	0.	.0000
1984	0.	.0000	1994	0.	.0000	2004	0.	.0000
1983	0.	.0000	1993	0.	.0000	2003	0.	.0000
1982	0.	.0000	1992	0.	.0000	2002	0.	.0000
1981	0.	.0000	1991	0.	.0000	2001	0.	.0000
1980	0.	.0000	1990	0.	.0000	2000	0.	.0000
1979	0.	.0000	1989	0.	.0000	1999	0.	.0000
1978	0.	.0000	1988	0.	.0000	1998	0.	.0000
1977	0.	.0000	1987	0.	.0000	1997	0.	.0000
1976	0.	.0000	1986	0.	.0000	1996	0.	.0000
	2439.			1476.			983.	

TABLE B-8.3
LDGT1 PROJECTED VEHICLE DISTRIBUTION FOR DENTON COUNTY

YEAR	2000		2010			2020		
AVG AGE	9.45		10.51			10.08		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	4141.	.0647	2010	5257.	.0647	2020	6235.	.0646
1999	3996.	.0625	2009	3642.	.0448	2019	6683.	.0693
1998	4263.	.0666	2008	3807.	.0468	2018	7075.	.0734
1997	4268.	.0667	2007	3861.	.0475	2017	7400.	.0767
1996	4127.	.0645	2006	4007.	.0493	2016	7601.	.0788
1995	3916.	.0612	2005	4245.	.0522	2015	7807.	.0809
1994	3354.	.0524	2004	4661.	.0573	2014	3345.	.0347
1993	3295.	.0515	2003	4564.	.0561	2013	3348.	.0347
1992	3502.	.0547	2002	4593.	.0565	2012	3241.	.0336
1991	4127.	.0645	2001	4697.	.0578	2011	3337.	.0346
1990	3586.	.0561	2000	5777.	.0711	2010	3569.	.0370
1989	3385.	.0529	1999	4575.	.0563	2009	3525.	.0365
1988	2916.	.0456	1998	4321.	.0531	2008	3370.	.0349
1987	2310.	.0361	1997	3486.	.0429	2007	2820.	.0292
1986	2445.	.0382	1996	2964.	.0365	2006	2739.	.0284
1985	1924.	.0301	1995	2480.	.0305	2005	2812.	.0292
1984	1656.	.0259	1994	1842.	.0227	2004	3073.	.0319
1983	1134.	.0177	1993	1664.	.0205	2003	2709.	.0281
1982	1000.	.0156	1992	1878.	.0231	2002	2936.	.0304
1981	753.	.0118	1991	1975.	.0243	2001	2384.	.0247
1980	592.	.0092	1990	1494.	.0184	2000	2659.	.0276
1979	622.	.0097	1989	1298.	.0160	1999	1822.	.0189
1978	548.	.0086	1988	1026.	.0126	1998	1570.	.0163
1977	417.	.0065	1987	755.	.0093	1997	1248.	.0129
1976	1699.	.0266	1986	2427.	.0299	1996	3147.	.0326
	63975.			81294.			96452.	

TABLE B-8.4
LDGT2 PROJECTED VEHICLE DISTRIBUTION FOR DENTON COUNTY

YEAR	2000		2010			2020		
AVG AGE	8.39		8.10			7.86		
MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT	MODEL	VEHICLES	PERCENT
2000	376.	.0640	2010	449.	.0653	2020	512.	.0668
1999	429.	.0730	2009	487.	.0708	2019	537.	.0700
1998	456.	.0776	2008	535.	.0777	2018	603.	.0786
1997	450.	.0766	2007	539.	.0784	2017	616.	.0803
1996	437.	.0744	2006	530.	.0770	2016	606.	.0791
1995	414.	.0705	2005	501.	.0728	2015	569.	.0742
1994	400.	.0682	2004	503.	.0731	2014	577.	.0753
1993	388.	.0660	2003	481.	.0699	2013	559.	.0729
1992	418.	.0711	2002	495.	.0719	2012	593.	.0773
1991	344.	.0585	2001	421.	.0611	2011	479.	.0625
1990	287.	.0489	2000	412.	.0599	2010	468.	.0610
1989	270.	.0460	1999	324.	.0470	2009	373.	.0487
1988	209.	.0355	1998	235.	.0341	2008	247.	.0322
1987	156.	.0266	1997	179.	.0261	2007	182.	.0237
1986	165.	.0281	1996	151.	.0219	2006	151.	.0197
1985	130.	.0222	1995	113.	.0165	2005	111.	.0145
1984	111.	.0189	1994	95.	.0138	2004	92.	.0120
1983	81.	.0137	1993	83.	.0121	2003	81.	.0105
1982	61.	.0104	1992	76.	.0110	2002	63.	.0082
1981	44.	.0074	1991	57.	.0082	2001	50.	.0065
1980	37.	.0063	1990	45.	.0066	2000	44.	.0057
1979	60.	.0102	1989	45.	.0065	1999	36.	.0047
1978	52.	.0088	1988	37.	.0054	1998	31.	.0040
1977	42.	.0072	1987	28.	.0041	1997	28.	.0036
1976	58.	.0099	1986	60.	.0087	1996	59.	.0077
	5875.			6881.			7664.	