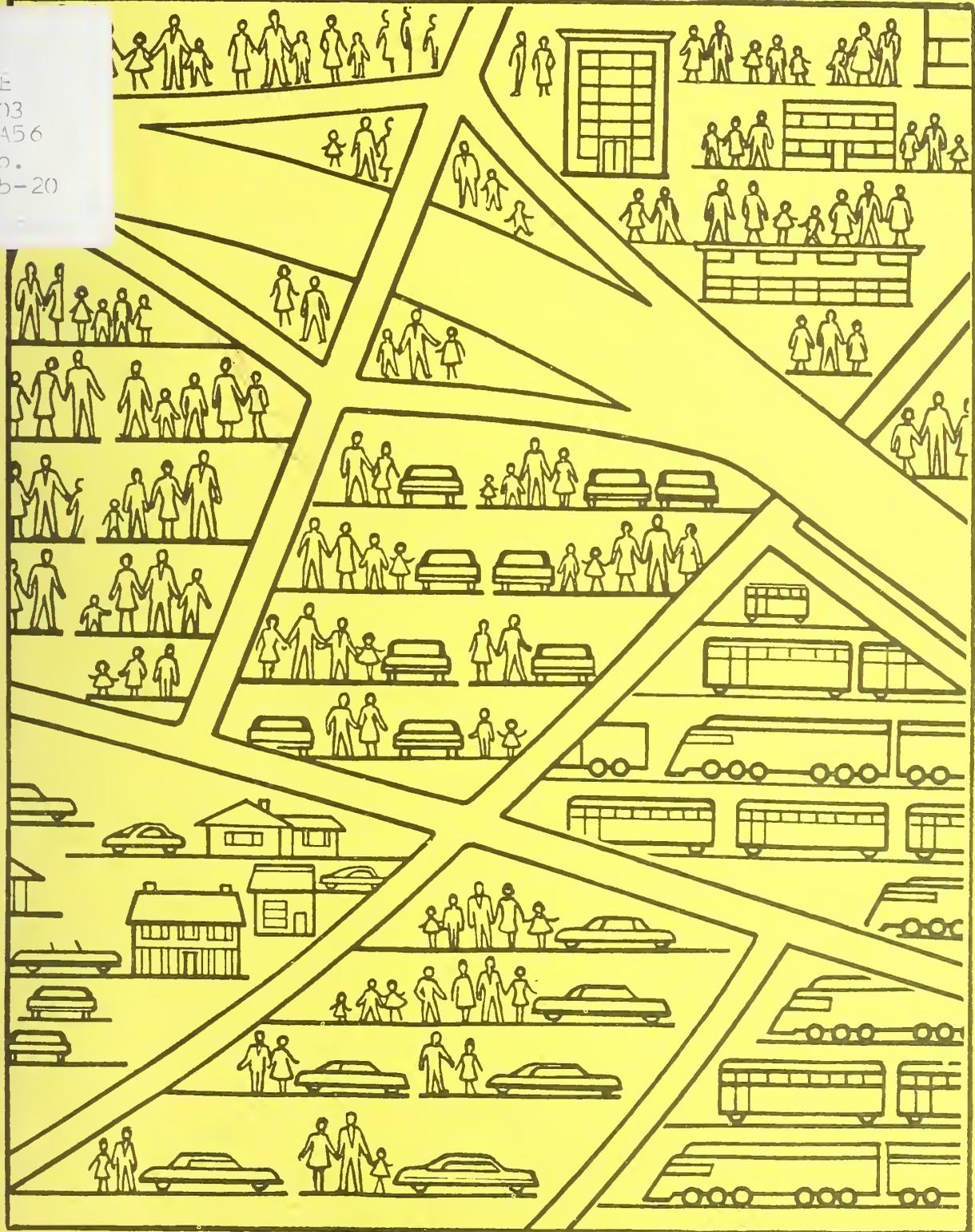


HE
203
.456
no.
35-20



Transportation Planning Data for Urbanized Areas Based on the 1980 Census



U.S. Department of
Transportation

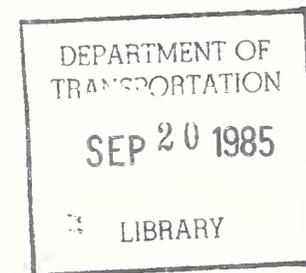
January 1985

HE
203
.456
170,85-20

Transportation Planning Data for Urbanized Areas Based on the 1980 Census

Final Report
January 1985

Prepared by
Carlos G. Rodriguez, James J. McDonnell,
Robert W. Draper, and Edward McGarry
Federal Highway Administration
Washington, D.C. 20590



Prepared for
Urban Planning and Transportation Management Division
Office of Highway Planning
Federal Highway Administration
Washington, D.C. 20590

Distributed in Cooperation with
Technology Sharing Program
Office of the Secretary of Transportation

DOT-I-85-20

PREFACE

This report, the third in the transportation planning series, provides 1980 decennial census for all urbanized areas to transportation planners.

CONTENTS

	<u>Page</u>
Introduction	1
Data Source	1
Observations about the Data	8
Urbanized Area Definition	12
Standard Metropolitan Statistical Areas	14
Chapter 1	20
Computed Data	21
Chapter 2	40
Raw Data	41
Appendix	78
A - 1960 and 1970 Sample Page	80
B - Walk to Work Trips Comparison	84

URBANIZED AREA DATA TABULATIONS

Introduction

The following urbanized area data tabulations present summarized information which is useful to the transportation planner and others concerned with urban development. The data is based on the 1980 Census and is organized by urbanized area as defined by the Bureau of the Census.

Data is displayed alphabetically by State then alphabetically by each urbanized area within the State.

Chapter 1 contains variables calculated from census data, such as autos per household, trucks or vans per household, percent of workers by means of transportation to work, percent of workers in carpools, average traveltime to work, etc.

Chapter 2 contains the actual numbers from the 1980 Census reports for each urbanized area, such as total population, number of autos owned, number of trucks or vans owned, number of workers using each means of transportation to work, etc.

Use of Data

Tabulations are presented in a form to maximize the usefulness of the data. For example, the number of households and population both have a direct bearing on total trip-making activity within the study area. Likewise, median income and auto ownership can both be readily translated into trip making activity at the household level. The data should be used as a base from which growth can be measured. With similar information from the 1960 and 1970 Census, and other independent sources, trends can be identified and rates of change established. In addition to establishing estimates of growth, tabulations can be used to cross-check other information sources.

Data Source

The two Census publications from each State used were the General Social and Economic Characteristics, PC-1-C, and the Detailed Housing Characteristics, HC-1-B.

VMT Data - The data source for vehicle miles of travel (VMT) is the Highway Performance Monitoring System (HPMS). (See Page 9 for more detail).

The following table shows the location of the data used in compiling the statistics presented in this publication.

Locator Tables

<u>Item</u>	<u>Description</u>	<u>Location</u>
1.	Total persons	Table 56, PC-1-C
2.	Occupied households	Table 74, HC-1-B
3.	Total year-round households	Table 74, HC-1-B
4.	Renter-occupied households	Table 74, HC-1-B
5.	Persons 16 years and over, Armed Forces	Table 120, PC-1-C
6.	Persons 16 years and over, civilian employed	Table 120, PC-1-C
7.	Households with 0 vehicles	Table 74, HC-1-B
8.	Households with 1 vehicle	Table 74, HC-1-B
9.	Households with 2 vehicles	Table 74, HC-1-B
10.	Households with 3 or more vehicles	Table 74, HC-1-B
11.	Households with 0 autos	Table 74, HC-1-B
12.	Households with 1 auto	Table 74, HC-1-B
13.	Households with 2 autos	Table 74, HC-1-B
14.	Households with 3 or more autos	Table 74, HC-1-B
15.	Households with 0 trucks or vans	Table 74, HC-1-B
16.	Households with 1 truck or van	Table 74, HC-1-B
17.	Households with 2 trucks or vans	Table 74, HC-1-B

<u>Item</u>	<u>Description</u>	<u>Location</u>
18.	Households with 3 or more trucks or vans	Table 74, HC-1-B
19.	Workers 16-years and over	Table 118, PC-1-C Means of Transportation
20.	Drive alone car	Table 118, PC-1-C Means of Transportation
21.	Drive alone truck or van	Table 118, PC-1-C Means of Transportation
22.	Carpool - Car	Table 118, PC-1-C Means of Transportation
23.	Carpool - Truck or van	Table 118, PC-1-C Means of Transportation
24.	Bus or streetcar	Table 118, PC-1-C Means of Transportation
25.	Subway or elevated train	Table 118, PC-1-C Means of Transportation
26.	Railroad	Table 118, PC-1-C Means of Transportation
27.	Worked at home	Table 118, PC-1-C Means of Transportation
28.	Workers 16-years using private vehicles	Table 118, PC-1-C Private vehicle occupied
29.	Drive alone	Table 118, PC-1-C Private vehicle occupied
30.	Two-person carpool	Table 118, PC-1-C Private vehicle occupied

<u>Item</u>	<u>Description</u>	<u>Location</u>
31.	Three-person carpool	Table 118, PC-1-C Private vehicle occupied
32.	Four-person carpool	Table 118, PC-1-C Private vehicle occupied
33.	Five-or more person carpool	Table 118, PC-1-C Private vehicle occupied
34.	Persons per private vehicle	Table 118, PC-1-C Private vehicle occupied
35.	Workers 16 years who did not work at home	Table 118, PC-1-C Travel time to work
36.	Less than 10 minutes	Table 118, PC-1-C Travel time to work
37.	10-19 minutes	Table 118, PC-1-C Travel time to work
38.	20-29 minutes	Table 118, PC-1-C Travel time to work
39.	30-44 minutes	Table 118, PC-1-C Travel time to work
40.	45 minutes or more	Table 118, PC-1-C Travel time to work
41.	Mean	Table 118, PC-1-C Travel time to work
42.	Mean for workers traveling 45 minutes or more	Table 118, PC-1-C Travel time to work
43.	Families	Table 124, PC-1-C Income families

<u>Item</u>	<u>Description</u>	<u>Location</u>
44.	Less than \$5,000	Table 124, PC-1-C Income families
45.	\$5,000-\$7,499	Table 124, PC-1-C Income families
46.	\$7,500-\$9,999	Table 124, PC-1-C Income families
47.	\$10,000-\$14,999	Table 124, PC-1-C Income families
48.	\$15,000-\$19,999	Table 124, PC-1-C Income families
49.	\$20,000-\$24,999	Table 124, PC-1-C Income families
50.	\$25,000-\$34,999	Table 124, PC-1-C Income families
51.	\$35,000-\$49,999	Table 124, PC-1-C Income families
52.	\$50,000 or more	Table 124, PC-1-C Income families
53.	Median Income	Table 124, PC-1-C Income families
54.	Land Area	Table 34, PC-1-A

The following are formulas used to derive the statistics placed in Chapter 1 of this booklet. Numbers in parentheses are the item numbers from the preceding locator table. These statistics compare to the 1960 and the 1970 planning data summaries. (A one-page example of the 1960 and 1970 data is shown in the Appendix. The full report is available from FHWA - HHP-21.)

<u>Heading</u>	<u>Equation</u>
o Total population	(1)
o Land area (sq. mi)	(54)
o Population density	(1) / (54)
o Total number households	(2)
o Total housing units	(3)
o Percent renter occupied households	(4) / (3)
o Workers as percentage of population	((5) + (6)) / (1)
o Autos per household	((12) + 2 × (13) + 3.3 × (14)) / (2)
o Trucks/vans per household	((16) + 2 × (17) + 3.3 × (18)) / (2)
o Vehicles per household	((8) + 2 × (9) + 3.3 × (10)) / (2)
o Persons per auto	(1) / ((12) + 2 × (13) + 3.3 × (14))
o Persons per truck/van	(1) / ((16) + 2 × (17) + 3.3 × (18))
o Persons per vehicle	(1) / ((8) + 2 × (9) + 3.3 × (10))
o Workers per auto	((5) + (6)) / ((12) + 2 × (13) + 3.3 × (14))
o Workers per truck/van	((5) + (6)) / ((16) + 2 × (17) + 3.3 × (18))
o Workers per vehicle	((5) + (6)) / ((8) + 2 × (9) + 3.3 × (10))
o Persons per household	(1) / (2)
o Workers per household	((5) + (6)) / (2)
o Percentage of workers by auto	((20) + (22)) / ((19) - (27))
o Percentage of workers by rail	((25) + (26)) / ((19) - (27))

<u>Heading</u>	<u>Equation</u>			
o Percentage of workers by bus	$(24) / ((19) - (27))$			
o Percentage of workers by truck/van	$(21) / ((19) - (27))$			
o Percentage of workers by others	$1 - ((20) + (21) + (22) + (23) + (24) + (25) + (26)) / ((19) - (27))$			
o Percentage of workers by carpool auto	$(22) / ((19) - (27))$			
o Percentage of workers by carpool truck/van	$(23) / ((19) - (27))$			
o Vehicle occupancy by percent of workers using private vehicle				
Drive alone	$(29) / (28)$			
2-person carpool	$(30) / (28)$			
3+person carpool	$((31) + (32) + (33)) / (28)$			
o Persons per private vehicle	(34)			
o Travel time to work by percent of workers who did not work at home				
Less than 10	$(36) / (35)$			
10-19	$(37) / (35)$			
20-29	$(38) / (35)$			
30-44	$(39) / (35)$			
45 or more	$(40) / (35)$			
o Travel Time				
mean	(41)			
mean for 45 or more	(42)			
o Percentage of Households with 0, 1, 2, and 3 or more vehicles, autos, or trucks/vans				
		<u>Autos</u>	<u>Trucks/vans</u>	<u>Vehicles</u>
0		$(11) / (2)$	$(15) / (2)$	$(7) / (2)$
1		$(12) / (2)$	$(16) / (2)$	$(8) / (2)$
2		$(13) / (2)$	$(17) / (2)$	$(9) / (2)$
3		$(14) / (2)$	$(18) / (2)$	$(10) / (2)$

<u>Heading</u>	<u>Equation</u>
o Percent of families earning Less than \$10,000	$((44) + (45) + (46)) / (43)$
\$10-20,000	$((47) + (48)) / (43)$
\$20-35,000	$((49) + (50)) / (43)$
More than \$35,000	$((51) + (52)) / (43)$
o Median Income	(53)

Observations about the Data

1. Three or More Vehicles

When figuring the total for autos, vehicles, and trucks/vans 3.3 was used as the factor for the 3+ category.

This factor should be different for trucks/vans (but none was available).

The 3.3 factor for autos was obtained from the 1977 Nationwide Personal Transportation Study (NPTS).

When using the factor of 3.3 for all three categories the sum total of autos and truck/vans differs from the total of vehicles by approximately 1-3%.

The 1980 census does not count trucks and vans over one-ton capacity. Therefore, the category vehicles, includes only automobiles and trucks/vans of one-ton capacity or less.

The NPTS includes van-bus/minibus in counting automobiles. These would be counted as trucks/vans in the census. The category vehicles, includes trucks and vans over one-ton capacity, motorcycles and mopeds, vehicles which are not included in the census.

Thus, the NPTS method allows more households into the 3+ range for each category than the census method.

In both 1960 and 1970 data, the factor used was 3.1. However, in the documentation for 1960, no mention is made as to how this was determined. Also, in both years, only autos were counted.

2. SMSA Level Data

Data shown for Standard Metropolitan Statistical Areas (SMSAs) includes entries of "0" and "1."

The focus of this publication is to present data at the urbanized area level, in addition some entries for the entire SMSA have been included (e.g. SMSA Place of Work, SMSA Housing Units). Using the Census definitions for urbanized areas and SMSAs, it is possible to have either an urbanized area that is not within an SMSA, or several urbanized areas within one SMSA. In cases where an urbanized area is not part of an SMSA, a "0" was used in the SMSA data

fields. If more than one urbanized area is in an SMSA, the SMSA level data are placed in the urbanized area containing the major central city. The remaining urbanized areas within that SMSA have an entry of "1" to indicate that the data are listed elsewhere.

3. VMT Data

The only non-Census data presented in this publication are the Vehicle Miles of Travel (VMT) data in Chapter 2 (1980 Daily Total VMT, 1980 Total Mileage, Daily VMT per capita). The data source for the VMT data is the HPMS, a major data collection system of the Federal Highway Administration. The VMT data shown are updated annually as part of the ongoing HPMS program. The VMT for the urbanized area are derived from traffic counts made within the urbanized area. It should be noted that "VMT per Capita" reflects an estimate of total travel in the urbanized area (including travel by both residents and nonresidents of the area) divided by the population of the urbanized area.

A "0" entry for VMT data indicates data are not available for that urbanized area.

4. Puerto Rico

In Puerto Rico, no fix rail or subway exists, but the data under this subject "percent of workers making work trips by" rail is data related to the form of transportation called "Publicos" (only in Puerto Rico.)

The Urban Mass Transportation Administration (UMTA) for its work combines publicos data with bus transportation data.

5. Use of Census Sample Data

Most of the data in this publication are based on a sample and factored up to 100 percent. They may differ somewhat from complete count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc.

6. Availability of the Data on Disk

This data is on the Lotus 1, 2, 3 program on two diskettes; one diskette contains Chapter 1 and the other diskette holds Chapter 2 (raw data). Chapter 2 is also on another diskette using a DBase III program.

7. Comparison of Transportation Planning Data for Urbanized Areas based on the totals from their respective publications of summary 1960, 1970, and 1980:

<u>URBANIZED AREA DATA</u>	<u>1960</u>	<u>1970</u>	<u>1980</u>
Total number of areas	202	248	366
Total population	91,322,864	118,440,006	139,182,696
Total number of households	28,107,216	37,791,508	50,549,711
Total housing units	29,756,224	39,557,589	53,824,097
Percent renter occupied housing	43.7	41.1	39.2
Workers as percent of population	38.5	40.3	45.7
Autos per household	1.0	1.2	1.3
Persons per auto	3.3	2.6	2.1
Workers per auto	1.3	1.1	0.9
Persons per household	3.2	3.1	2.8
Workers per household	1.3	1.3	1.3
Percent of workers making work trip by			
Auto**	73.4	77.3	83.4
Rail	8.2	4.9	3.4
Bus	16.4	8.7	6.1
Percent of households with			
0 Autos	25.3	20.1	16.7
1 Auto	54.6	45.5	44.6
2 Autos	17.8	29.0	30.3
3+Autos	2.3	5.4	8.4
Percent of families earning *			
Less than \$5,000	32.6	16.1	18.6
\$5,000-8,000	34.0	16.4	27.6
\$8,000-15,000	27.3	42.1	34.5
More than \$15,000	6.1	25.4	19.3
Median income	\$ 6,415	\$ 10,618	\$ 21,243

* NOTE: The 1980 groupings are:
 Less than \$10,000
 \$10,000-20,000
 \$20,000-35,000
 More than \$35,000

** In 1980 private vehicle includes
 truck/van (9.6%) and auto (73.8%) = 83.4%

8. The data for this report was verified by comparing totals with the totals found in the United States summary publications such as Table 101 from PC 80-1-C1.

Table 101. Geographical Mobility and Commuting: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

United States Urban and Rural and Size of Place Inside and Outside SMSA's	Urban						Rural			Rural farm	Inside SMSA's	Outside SMSA's
	United States	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500			
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
MEANS OF TRANSPORTATION TO WORK												
Workers 16 years and over	96 617 296	73 190 809	61 830 962	29 634 513	33 206 449	5 631 635	5 728 212	23 426 487	2 735 846	3 434 102	74 389 731	22 227 566
Private vehicle	81 258 496	60 674 575	50 863 150	21 654 409	29 208 741	4 849 201	4 962 224	20 583 921	2 361 373	1 518 167	62 171 165	19 087 331
Drive alone: Car	52 137 986	41 004 987	35 021 057	14 707 957	20 313 100	3 061 115	2 922 815	11 132 999	1 313 851	737 954	41 617 172	10 520 814
Truck or van	10 055 463	5 949 803	4 530 155	1 872 951	2 657 204	651 384	768 264	4 105 660	410 527	455 337	6 438 217	3 617 246
Carpool: Car	15 809 813	11 917 409	9 969 763	4 482 857	5 486 906	937 877	1 009 769	3 972 404	495 809	217 876	12 173 350	3 716 443
Truck or van	3 175 234	1 802 376	1 342 175	590 644	751 531	198 825	261 376	1 372 858	141 186	107 000	1 942 426	1 232 808
Public transportation	6 175 061	5 998 494	5 875 076	4 137 935	1 737 141	72 744	50 674	176 567	20 717	9 477	5 997 163	177 898
Bus or streetcar	3 924 787	3 785 138	3 699 111	2 605 778	1 093 333	49 125	36 902	139 649	16 106	8 741	3 786 931	137 854
Subway or elevated train	1 528 852	1 525 677	1 524 302	1 338 666	185 636	693	682	3 175	276	109	1 526 873	1 979
Railroad	554 089	527 901	522 090	100 705	421 385	1 805	4 006	26 188	3 109	465	547 928	6 161
Taxicab	167 333	159 778	129 573	92 786	36 787	21 121	9 084	7 555	1 226	162	135 431	31 902
Bicycle	468 348	418 910	331 257	172 026	159 231	51 771	35 882	49 438	12 732	2 154	369 784	98 544
Motorcycle	419 007	341 749	284 908	126 709	158 199	31 597	25 244	77 258	8 820	4 689	334 804	84 203
Walked only	5 413 248	4 249 007	3 257 508	1 952 679	1 304 829	490 271	501 228	1 164 241	250 651	208 969	3 813 903	1 599 345
Other means	703 273	481 470	384 754	192 324	192 430	46 017	50 699	221 803	24 341	38 538	479 303	223 970
Worked at home	2 179 863	1 026 604	834 309	388 431	445 878	90 034	102 261	1 153 259	57 212	652 108	1 223 609	956 254
PRIVATE VEHICLE OCCUPANCY												
Workers 16 years and over using private vehicles	81 258 496	60 674 575	50 863 150	21 654 409	29 208 741	4 849 201	4 962 224	20 583 921	2 361 373	1 518 167	62 171 165	19 087 331
Drive alone	62 193 449	46 954 790	39 551 212	16 580 908	22 970 304	3 712 499	3 691 079	15 238 659	1 724 378	1 193 291	48 055 389	14 138 060
In 2-person carpool	13 303 701	9 808 539	8 196 295	3 659 161	4 537 134	785 750	826 494	3 495 162	403 128	206 086	10 099 178	3 204 523
In 3-person carpool	3 360 781	2 328 951	1 895 543	863 646	1 031 897	195 085	238 323	1 031 830	126 107	65 252	2 407 744	953 037
In 4-person carpool	1 400 527	948 089	744 223	329 418	414 805	88 925	114 941	452 438	60 504	28 028	966 172	434 355
In 5-or-more-person carpool	1 000 038	634 206	475 877	221 276	254 601	66 942	91 387	365 832	47 256	25 510	642 682	357 356
Persons per private vehicle	1.15	1.15	1.14	1.15	1.14	1.15	1.17	1.18	1.19	1.14	1.15	1.18
TRAVEL TIME TO WORK												
Workers 16 years and over who did not work at home	94 487 095	72 213 205	61 035 269	28 263 032	32 772 236	5 546 379	5 631 557	22 273 890	2 674 706	1 780 783	73 203 593	21 283 382
Less than 10 minutes	16 871 572	12 629 987	8 627 901	3 939 265	4 688 636	1 866 615	2 135 471	4 241 585	919 589	475 487	10 761 513	6 110 059
10 to 19 minutes	31 846 602	25 052 143	20 934 785	10 205 243	10 729 542	2 368 317	1 749 041	6 794 459	717 005	524 712	24 350 911	7 495 691
20 to 29 minutes	18 849 260	14 449 684	13 244 375	5 888 399	7 355 976	552 720	652 589	4 399 576	396 509	312 406	15 788 503	3 060 757
30 to 44 minutes	15 996 009	11 991 647	10 941 521	4 764 091	6 177 430	430 279	619 847	4 004 362	376 233	276 839	13 405 553	2 590 456
45 or more minutes	10 923 652	8 089 744	7 286 687	3 466 035	3 820 652	328 448	474 609	2 833 908	265 370	191 339	8 897 113	2 026 539
Mean	21.7	21.5	22.5	22.4	22.6	15.0	16.6	22.4	18.5	20.0	22.6	18.5
Workers traveling 45 or more minutes	59.6	59.4	59.1	59.4	58.9	61.7	61.2	60.4	60.8	60.5	58.9	62.5

Definition

The major objective of the Census Bureau in delineating urbanized areas is to separate the urban and rural population in the vicinity of large cities. An urbanized area consists of a central city or cities, and surrounding closely settled territory ("urban fringe").

The following criteria are used in determining the eligibility and definition of the 1980 urbanized areas:¹

An urbanized area comprises an incorporated place² and adjacent densely settled surrounding area that together have a minimum population of 50,000.³ The densely settled surrounding area consists of

1. A contiguous incorporated or census designated places having:
 - a. A population of 2,500 or more; or,
 - b. A population of fewer than 2,500 but having either a population density of 1,000 persons per square mile, or a closely settled area containing a minimum of 50 percent of the population, or a cluster of at least 100 housing units.

2. A contiguous unincorporated area which is connected by road and has a population density of at least 1,000 persons per square mile.⁴
3. Other contiguous unincorporated area with a density of less than 1,000 persons per square mile, provided that it:
 - a. Eliminates an enclave of less than 5 square miles which is surrounded by built-up area.
 - b. Closes an indentation in the boundary of the densely settled area that is no more than 1 mile across the open end and encompasses no more than 5 square miles.

¹All references to population figures and densities relate to data from the 1980 census.

²In Hawaii, incorporated places do not exist in the sense of functioning local governmental units. Instead, census designated places are used in defining a central city and for applying urbanized area criteria.

³The rural portions of extended cities, as defined in the Census Bureau's extended city criteria, are excluded from the urbanized area. In addition, for an urbanized area to be recognized, it must include a population of at least 25,000 that does not reside on a military base.

⁴Any area of extensive nonresidential urban land use, such as railroad yards, airports, factories, parks, golf courses, and cemeteries, is excluded in computing the population density.

- c. Links an outlying area of qualifying density, provided that the outlying area is:
- (1) Connected by road to, and is not more than 1 1/2 miles from, the main body of the urbanized area.
 - (2) Separated from the main body of the urbanized area by water or other undevelopable area, is connected by road to the main body of the urbanized area, and is not more than 5 miles from the main body of the urbanized area.
4. Large concentrations of nonresidential urban area (such as industrial parks, office areas, and major airports), which have at least one-quarter of their boundary contiguous to an urbanized area.

A map of each urbanized area in each State appears in the PC80-1-A report for the State.

Urbanized Area Titles

1. The titles of urbanized areas existing prior to the 1980 Census of Population and Housing are retained unchanged except for mergers and for those areas meeting items 4 and/or 5 of the titling criteria.
2. The titles of new urbanized areas qualifying as the result of the 1980 census are determined as follows:
 - a. The name of the incorporated place with the largest population in the urbanized area is always listed.

- b. The names of up to two additional incorporated places may be listed, with eligibility determined by
 - (1) those with a population of at least 250,000.
 - (2) those with a population of 15,000 to 250,000 provided that they are at least one-third the population of the largest place in the urbanized area.
3. Area titles that include the names of more than one incorporated place start with the name of the largest and list the others in descending order of their population.
4. In addition to incorporated place names, the titles contain the name of each State into which the urbanized area extends.
5. Regional titles may be used to identify urbanized areas with population over one million, in which case only the largest city of the urbanized area is included in the title.

Urbanized Area Central Cities

The central cities of urbanized areas are those named in the titles except where regional titles are used. In such cases, the central cities are those that have qualified under items 1 or 2 of the titling criteria. Data for central cities of urbanized areas refer to the urban portion of these cities, thus excluding the rural portions of extended cities, as discussed above.

Standard Metropolitan Statistical Areas

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The population living in SMSA's may also be referred to as the metropolitan population. The population is subdivided into "inside central city (or cities)" and "outside central city (or cities)." The population living outside SMSA's constitutes the nonmetropolitan population tables designed "... for areas and places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the Federal Register on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

Standard Consolidated Statistical Areas

In some parts of the country, metropolitan development has progressed to the point that adjoining SMSA's are themselves socially and economically inter-related. These areas are designated standard consolidated statistical areas (SCSA's) by the Office of Management and Budget, and are defined using standards included as part of the new SMSA standards described above.

Relationship Between Urbanized Areas and SMSA

Although urbanized areas and SMSA's are closely related in concept, there are important differences. The urbanized area consists of the contiguous built-up territory around each larger city and thus corresponds generally to the core of the SMSA. The SMSA definitions use counties as building blocks (in New England, cities and towns are used). SMSA's are generally larger than their core urbanized area because they include discontinuous urban and suburban development beyond the periphery of the continuously built-up territory. SMSA's may also include rural territory, while urbanized areas do not.

The new SMSA standards provide that each SMSA must include an urbanized area. SMSA's with separate large urban concentrations may include two or more urbanized areas. Occasionally, a portion of an urbanized area extends across the SMSA boundary into a nonmetropolitan county or another SMSA. Such portions are usually quite small in area and population. While each SMSA must include an urbanized area, urbanized areas may be defined outside the boundaries of any SMSA.

Place of Work

The data on place of work were derived from answers to question 23, which was asked only of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Data are tabulated for workers 16 years and over; that is, members of the Armed Forces and civilians who were at work during the reference week. Place of work refers to the geographic location at which workers carried out their occupational activities during the reference week. The exact address (number and street) of the place of work was asked, as well as the place (city, town, village, borough, etc); whether or not the place of work was inside or outside its incorporated (legal) limits; and the county, State, and zip code. If the person's employer operated in more than one location, the exact address of the location or branch where the respondent worked was requested. When the number and street name could not be given, the building name or other physical location description was to be entered. Persons who worked at more than one location were asked to report the one at which they worked the greatest number of hours during the reference week. Persons who regularly worked in several locations during the reference week were requested to give the address at which they began work each day. For cases in which daily work was not begun at a central place each day, the person was asked to provide as much information as possible which described the area in which he or she worked most during the reference week.

For purposes of this report, place-of-work locations are defined as "in area of residence" and "outside area of residence." Area of residence refers to the particular tabulation area or areas shown in each table. For example, in a table that provides data for counties, the place-of-work data for each of these areas pertain to the number of workers living in the area who worked inside or outside its boundaries.

Persons were tabulated as working in an incorporated place if they reported working inside its legal limits, or reported an incorporated place as their place of work without specifying whether or not they worked inside its legal boundaries. Persons who reported working outside the limits of an incorporated place were tabulated as working outside the place. In contrast, persons who reported a census designated place (CDP)-a place with no legal boundaries-as their place of work were tabulated as working in that place regardless of their response on the incorporated limits question. The accuracy of place-of-work data for certain CDP's may be affected by the extent to which their census names were familiar to respondents, and by coding problems caused by similarities between the CDP name and the names of other geographic jurisdictions in the same vicinity.

Place-of-work data are given for minor civil divisions (townships and towns) in the nine Northeastern States, based on the responses to the place-of-work question. Many towns and townships are regarded locally as equivalent to a place and were, therefore, reported as the place of work. When a respondent reported a locality or incorporated place that forms part of a township or town, the coding and tabulating procedure was designed to include the response in the total for the township or town. It is believed that the accuracy of the place-of-work data for minor civil divisions is greatest for the New England States. However, the data for some New England towns, for towns in New York, and for townships in New Jersey and Pennsylvania may be affected by coding problems resulting from unfamiliarity of the respondent with the minor civil division in which the workplace was located, or that resulted when a township and a city or borough of the same or similar name are located close together.

Data on place of work are based on approximately one-half of the full census sample (see Appendix D). Therefore, figures in tabulations involving place of work may differ from tabulations based on the full sample. For example, the number of workers 16 years old and over from place-of-work tabulations may not agree with the same category shown for means of transportation to work tabulations.

Means of Transportation to Work

The data on means of transportation to work were derived from answers to questions 24b, 24c, and 24d which were asked only of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Means of transportation to work refers to the principal mode of travel or type of conveyance that the person usually used to get from home to work during the reference week. Persons who used different days of the week were asked to specify the one they used most often. Persons who used more than one means of transportation to get to work each day were asked to report the one used for the longest distance during the work trip. The category "private vehicle" includes workers using a car (including company cars but excluding taxicabs), a truck of one-ton capacity or less, or a van. The category "public transportation" includes workers who used a bus or streetcar, subway or elevated train, railroad, or taxicab.

A question on carpooling (question 24c) was asked of all workers who reported their means of transportation to work as "car," "truck," or "van." The category "drive alone" includes persons who usually drove alone to work, as well as persons who were driven to work by someone who then drove back home or to a nonwork destination. The category "carpool" includes workers who reported that they usually shared driving, drove others, or rode as a passenger during the reference week.

The means of transportation data for some areas in this report may show workers using modes of public transportation that are not available in those areas (e.g., subway or elevated riders in an SMSA where there actually is no subway or elevated service).

This result is largely attributable to persons who worked during the reference week at a location that was different from their usual place of work (such as persons away from home on business in an area where subway service was available), and persons who used more than one means of transportation each day but whose principal means was not available where they lived (for example, residents of nonmetropolitan areas who drove to the fringe of an SMSA and took the commuter railroad most of the distance to work).

Private Vehicle Occupancy

The data on private vehicle occupancy were derived from answers to question 24d, which was asked of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week), and who reported in question 24c that they usually shared driving, drove others, or rode as a passenger in a car, truck, or van. Private vehicle occupancy refers to the number of persons who usually rode to work in the vehicle during the reference week. The measure "persons per private vehicle" is

obtained by dividing the number of persons who reported using a car, truck, or van to get to work by the number of such vehicles that they used. The number of vehicles used is derived by counting each person who drove alone as one vehicle, each person who reported being in a three-person carpool as one-third vehicle, and so on, and then summing all the vehicles.

Travel Time to Work

The data on travel time to work were derived from answers to question 24a, which was asked of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Travel time to work refers to the total number of minutes that it usually took the person to get from home to work during the reference week. The elapsed time includes time spent waiting for public transportation, picking up passengers in carpools and time spent in other activities related to getting to work.

Reference Week

The data on labor force status and journey to work relate to the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents since the enumeration was not completed in one week. However, for the majority of persons the reference week for the 1980 census was the last week in March 1980. Passover and Good Friday occurred in the following week (the first week of April 1980).

Many workers presumably took time off for these observances. These holidays could have affected the data on hours worked for some areas if the first week in April was the reference week for a significant number of persons. The holidays probably did not affect the overall measurement of labor force status since labor force data are based on work activity during the entire reference week.

Labor Force Status

The data on labor force status were derived from answers to questions 22, 25, and 26.

The series of questions on labor force status was asked of all persons 15 years old and over and was designed to identify, in this sequence: (a) persons who worked at any time during the reference week; (b) persons who did not work during the reference week but who had jobs or businesses from which they were temporarily absent (excluding lay-off); (c) persons on layoff; and (d) persons who did not work during the reference week, but who were looking for work during the last four weeks and were available for work during the reference week.

The labor force status data shown in this and other 1980 census reports relate to persons 16 years old and over. In 1940, 1950, and 1960, labor force status data were presented for persons 14 years old and over. The change in the universe was made in 1970 to agree with the official measurement of the labor force as revised in January 1967. Selected labor force status data were shown in 1970 to agree with the official measurement of the labor force as revised in January 1967. Selected labor force status data were shown in 1970 for persons 14 and 15 years old, but are not presented for 1980.

Employed

Employed persons include all civilians 16 years old and over who were either (a) "at work" - those who did any work at all during the reference week as paid employees or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) were "with a job but not at work" -those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

Unemployed

Persons are classified as unemployed if they were civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last 4 weeks, and (c) were available to accept a job. Examples of jobseeking activities are: (1) registering at a public or private employment office, (2) meeting with prospective employers, (3) investigating possibilities for starting a professional practice or opening a business, (4) placing or answering advertisements, (5) writing letters of application, and (6) being on a union or professional register.

Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

Civilian Labor Force

The civilian labor force consists of persons classified as employed or unemployed in accordance with the criteria described above.

Experienced Unemployed Unemployed

persons who have worked at any time in the past are classified as the "experienced unemployed."

Experienced Civilian Labor Force

The "experienced civilian labor force" comprises the employed and the experienced unemployed.

Labor Force

The labor force includes all persons classified in the civilian labor force plus members of the Armed Forces (persons on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard).

CHAPTER 1

URBANIZED AREA	URBANIZED AREA			TOTAL NUMBER HOUSE- HOLDS	TOTAL HOUSING UNITS	% RENTER OCCUPIED HOUSING	WORKERS AS % OF POP.	TRUCK									PER CAPITA VEHICLES AVAILABLE						PERCENT OF WORKERS MAKING WORK TRIPS BY					
	TOTAL POPULATION	LAND AREA (SQ. MI)	POP. DENSITY					AUTO PER HSEHLD	OR VAN PER HSEHLD	VEHICLE PER HSEHLD	PERSONS PER AUTO	PERSONS PER TRK	PERSONS PER VEHICLE	WORKERS PER AUTO	WORKERS PER TRK	WORKERS PER VEHICLE	PERSONS PER HSEHLD.	WORKERS PER HSEHLD.	TOTAL AUTO	RAIL	BUS	TOTAL OR VAN	I OTHER	I CAR- POOL AUTO	I C-POOL TRUCK OR VAN			
																										TOTAL	TOTAL	TOTAL
Kenosha, WI	85,783	22	3,899.2	30,837	32,286	32.2%	45.0%	1.4	0.2	1.6	2.0	15.4	1.8	0.9	6.9	0.8	2.8	1.3	80.9%	0.2%	2.8%	8.9%	7.2%	19.0%	1.9%			
La Crosse, WI-MN	67,964	27	2,517.2	24,803	25,621	38.2%	47.6%	1.3	0.2	1.9	2.1	14.1	1.4	1.0	6.7	0.7	2.7	1.3	68.5%	.0%	4.6%	9.7%	17.1%	16.0%	2.1%			
Madison, WI	213,659	77	2,774.8	84,869	88,319	50.1%	54.7%	1.3	0.1	1.4	2.0	20.6	1.8	1.1	11.2	1.0	2.5	1.4	64.5%	.0%	13.5%	5.2%	16.8%	17.1%	1.2%			
Milwaukee, WI	1,206,833	496	2,433.1	441,654	458,221	40.8%	47.5%	1.3	0.1	1.4	2.1	22.7	1.9	1.0	10.8	0.9	2.7	1.3	78.3%	.0%	8.8%	5.9%	6.9%	17.7%	1.2%			
Oshkosh, WI	52,824	18	2,934.7	19,221	20,000	37.0%	45.9%	1.3	0.2	1.5	2.1	18.0	1.9	1.0	8.3	0.9	2.7	1.3	76.0%	0.0%	2.7%	8.2%	13.1%	15.2%	1.3%			
Racine, WI	119,016	35	3,400.5	42,447	43,974	32.9%	45.6%	1.4	0.2	1.5	2.1	18.1	1.9	0.9	8.3	0.8	2.8	1.3	81.2%	0.1%	2.9%	8.6%	7.1%	17.3%	1.9%			
Sheboygan, WI	58,468	22	2,657.6	21,915	22,584	32.5%	47.8%	1.3	0.1	1.4	2.0	19.8	1.9	1.0	9.5	0.9	2.7	1.3	76.8%	.0%	4.7%	7.7%	10.8%	20.6%	1.5%			
Wausau, WI	52,986	26	2,037.9	19,789	20,539	30.8%	46.2%	1.3	0.2	1.5	2.0	12.6	1.8	0.9	5.8	0.8	2.7	1.2	76.2%	0.0%	3.6%	11.4%	8.9%	17.4%	2.6%			
Casper, WY	59,066	22	2,684.8	21,713	23,349	27.7%	51.3%	1.5	0.6	2.0	1.8	4.9	1.3	0.9	2.5	0.7	2.7	1.4	68.6%	0.0%	0.3%	24.7%	6.3%	15.6%	5.2%			
Cheyenne, WY	58,395	27	2,162.8	21,851	23,435	33.0%	49.3%	1.4	0.5	1.9	1.9	5.7	1.4	0.9	2.8	0.7	2.7	1.3	72.6%	.0%	0.2%	20.6%	6.6%	17.4%	4.3%			
U.S. TOTALS (366 UZA)	139,182,696	52,018	2,675.7	50,549,711	53,824,097	39.2%	45.7%	1.3	0.2	1.5	2.1	14.6	1.8	0.9	6.7	0.8	2.8	1.3	73.8%	3.4%	6.1%	9.6%	7.2%	16.3%	2.2%			
Aguadilla, PR	59,691	22	2,713.2	16,509	17,953	31.5%	20.8%	0.7	.0	0.7	5.4	75.0	5.1	1.1	15.6	1.1	3.6	0.8	61.8%	18.5%	1.1%	2.4%	16.1%	9.3%	0.5%			
Arecibo, PR	75,941	34	2,233.6	21,399	23,344	24.4%	21.4%	0.7	0.1	0.8	4.9	62.9	4.6	1.1	13.4	1.0	3.5	0.8	67.6%	14.2%	0.6%	2.5%	15.1%	13.0%	0.2%			
Caguas, PR	157,054	56	2,804.5	42,491	46,570	22.9%	24.3%	0.8	.0	0.8	4.9	82.9	4.6	1.2	20.2	1.1	3.7	0.9	65.2%	16.5%	5.0%	2.5%	10.8%	10.9%	0.6%			
Mayaguez, PR	98,063	29	3,381.5	28,464	31,925	36.4%	26.9%	0.8	.0	0.9	4.2	76.6	4.0	1.1	20.6	1.1	3.4	0.9	65.7%	14.0%	0.6%	2.0%	17.7%	13.8%	0.3%			
Ponce, PR	168,289	31	5,428.7	44,659	48,611	28.3%	22.2%	0.8	.0	0.8	4.8	77.6	4.6	1.1	17.2	1.0	3.8	0.8	69.2%	16.3%	1.1%	1.8%	11.7%	11.2%	0.4%			
San Juan, PR	1,081,221	150	7,208.1	310,644	344,360	29.3%	27.9%	0.9	.0	1.0	3.8	71.1	3.6	1.1	19.9	1.0	3.5	1.0	71.1%	8.6%	7.7%	2.4%	10.1%	11.7%	0.5%			
Vega Baja-Manati, PR	79,736	28	2,847.7	21,330	23,928	20.5%	22.9%	0.7	.0	0.8	5.3	87.4	5.0	1.2	20.0	1.1	3.7	0.9	63.5%	18.5%	0.8%	2.2%	15.0%	11.5%	0.4%			

PERCENT OF WORKERS USING OCCUPANCY PRIVATE VEHICLE				TRAVELTIME TO WORK (MINUTES) BY % OF WORKERS WHO DIDN'T WORK AT HOME					TRAVELTIME		PERCENT OF HOUSEHOLDS WITH												PERCENT OF FAMILIES EARNING				MEDIAN INCOME	URBANIZED AREA
DRIVE ALONE	2 PERSON PRIV. VEH.	3+ PERSON PRIV. VEH.	PER PRIV. VEH.	<10 MIN.	10-19 MIN.	20-29 MIN.	30-44 MIN.	45+ MIN.	MEAN	45+	AUTO				TRUCK OR VAN				VEHICLES				\$10000-\$19999	\$10000-\$34999	\$20000-\$34999	\$35000+		
											0	1	2	3+	0	1	2	3+	0	1	2	3+						
76.8%	17.5%	5.7%	1.15	22.0%	48.9%	14.6%	9.5%	5.1%	16	58	11.6%	48.5%	32.1%	7.8%	83.4%	15.4%	1.1%	0.2%	10.4%	41.3%	35.1%	13.2%	14.7%	26.3%	40.8%	18.2%	\$22,610	Kenosha, WI
76.8%	17.3%	6.0%	1.15	25.4%	50.1%	16.6%	5.2%	2.7%	14	63	14.4%	49.1%	29.3%	7.2%	82.4%	16.0%	1.5%	0.2%	12.8%	41.6%	32.7%	25.0%	17.3%	34.6%	37.4%	10.7%	\$19,428	La Crosse, WI-MN
73.7%	19.8%	6.4%	1.17	18.3%	43.1%	23.1%	11.1%	4.4%	18	61	15.8%	50.1%	28.3%	5.8%	88.6%	10.7%	0.6%	0.1%	14.8%	45.3%	30.6%	9.3%	13.4%	27.3%	38.2%	21.1%	\$22,834	Madison, WI
77.6%	17.4%	5.1%	1.14	15.6%	37.4%	26.4%	15.1%	5.5%	19	57	16.9%	44.2%	31.2%	7.8%	88.8%	10.5%	0.7%	0.1%	16.1%	39.7%	32.8%	11.5%	14.6%	24.8%	40.1%	20.5%	\$23,312	Milwaukee, WI
80.4%	15.7%	3.9%	1.12	28.8%	52.8%	10.5%	5.9%	1.9%	13	63	13.0%	51.3%	29.1%	6.6%	85.5%	13.7%	0.7%	0.1%	11.7%	45.2%	31.9%	11.2%	16.9%	34.4%	35.8%	12.9%	\$19,668	Oshkosh, WI
78.7%	17.4%	3.9%	1.13	22.0%	48.6%	17.1%	8.0%	4.3%	16	58	13.5%	46.1%	33.2%	7.2%	85.3%	14.0%	0.7%	.0%	12.5%	39.5%	35.9%	12.1%	14.4%	24.3%	41.7%	19.6%	\$23,401	Racine, WI
73.8%	20.0%	6.3%	1.17	30.2%	54.9%	8.4%	4.1%	2.4%	13	65	13.4%	51.1%	28.8%	6.7%	87.3%	12.0%	0.6%	0.1%	12.3%	45.5%	31.8%	10.4%	15.2%	30.7%	41.8%	12.3%	\$20,988	Sheboygan, WI
77.1%	17.5%	5.3%	1.14	27.2%	53.8%	13.5%	3.7%	1.9%	13	62	12.9%	50.1%	30.4%	6.7%	80.4%	18.1%	1.4%	0.1%	11.1%	41.7%	34.4%	12.8%	15.8%	31.1%	40.7%	12.4%	\$20,770	Wausau, WI
77.8%	14.8%	7.4%	1.15	22.3%	54.3%	12.1%	4.4%	7.0%	17	76	6.8%	48.8%	33.0%	11.4%	52.7%	40.3%	6.1%	0.9%	3.8%	28.1%	39.1%	29.1%	10.7%	21.4%	42.3%	25.6%	\$25,772	Casper, WY
76.8%	18.5%	4.7%	1.14	26.5%	58.9%	9.7%	1.6%	3.3%	14	77	9.7%	50.0%	30.4%	9.9%	59.5%	35.4%	4.4%	0.7%	6.1%	32.2%	38.0%	23.6%	17.8%	31.2%	34.7%	16.3%	\$20,303	Cheyenne, WY
77.8%	16.1%	6.1%	1.14	14.1%	34.3%	21.7%	17.9%	11.9%	23	59	16.7%	44.6%	30.3%	8.4%	82.8%	15.7%	1.3%	0.1%	15.5%	37.9%	32.0%	14.5%	18.6%	27.6%	34.5%	19.3%	\$21,243	U.S. TOTALS (366 UZA)
84.8%	10.8%	4.4%	1.10	18.7%	41.9%	19.5%	11.3%	8.7%	20	72	46.5%	42.0%	10.4%	1.1%	95.3%	4.6%	.0%	0.1%	44.8%	41.6%	11.7%	1.9%	48.0%	28.9%	13.6%	9.5%	\$5,246	Aguadilla, PR
81.1%	14.0%	4.9%	1.12	19.1%	41.7%	13.4%	13.9%	11.9%	22	73	42.3%	45.3%	11.1%	1.3%	95.0%	4.6%	0.3%	0.1%	41.0%	43.4%	13.4%	2.1%	47.5%	28.1%	12.8%	11.5%	\$5,337	Arecibo, PR
83.1%	11.3%	5.6%	1.11	11.1%	33.0%	14.2%	21.4%	20.3%	27	62	40.7%	44.6%	13.2%	1.6%	95.8%	4.0%	0.2%	.0%	39.7%	43.5%	14.2%	2.6%	39.7%	30.8%	14.5%	15.0%	\$6,398	Caguas, PR
79.1%	14.9%	6.0%	1.13	15.1%	41.9%	19.9%	16.6%	6.6%	20	62	39.2%	43.5%	14.9%	2.4%	95.8%	3.9%	0.2%	.0%	38.3%	42.6%	15.7%	3.4%	38.0%	30.0%	15.3%	16.8%	\$6,669	Mayaguez, PR
83.7%	11.7%	4.2%	1.10	11.9%	38.3%	22.2%	19.3%	8.4%	22	65	40.4%	43.9%	13.5%	2.2%	95.9%	3.6%	0.4%	0.1%	39.7%	42.1%	14.8%	3.3%	41.0%	28.0%	13.9%	17.1%	\$6,268	Ponce, PR
83.5%	12.1%	4.4%	1.10	9.3%	26.5%	18.3%	25.6%	20.3%	28	62	33.3%	45.7%	17.9%	3.1%	95.6%	4.1%	0.2%	0.1%	32.3%	44.4%	19.1%	4.2%	32.4%	27.0%	16.2%	24.3%	\$7,868	San Juan, PR
81.8%	13.2%	5.0%	1.11	17.1%	36.3%	15.1%	14.9%	16.6%	24	66	42.4%	45.5%	11.0%	1.1%	96.2%	3.4%	0.4%	.0%	41.3%	44.9%	11.8%	2.0%	41.7%	31.3%	15.4%	11.7%	\$6,087	Vega Baja-Manati, PR

CHAPTER 2

URBANIZED AREA	SMSA PLACE OF WORK					MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										
	URBANIZED TOTAL POPULATION	SMSA TOTAL POPULATION	WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPOL CAR	CARPOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV.VEH.	DRIVE ALONE
Anniston, AL	75,531	119,761	42,318	3,520	3,627	32,596	17,776	2,988	5,269	946	144	0	0	378	26,979	20,764
Auburn-Opelika, AL	51,844	0	0	0	0	20,234	12,245	1,802	3,150	588	37	5	0	329	17,585	14,047
Birmingham, AL	605,965	847,487	304,851	9,279	26,335	250,330	162,888	23,225	41,334	5,062	8,501	6	0	2,078	232,509	186,113
Decatur, AL	54,720	0	0	0	0	23,139	14,705	2,907	3,851	882	49	0	7	130	22,345	17,612
Dothan, AL	52,179	0	0	0	0	22,454	14,742	2,494	3,513	690	24	0	0	152	21,439	17,236
Florence, AL	72,657	135,065	43,528	5,129	3,913	29,304	18,065	3,373	4,944	1,325	95	0	0	258	27,707	21,438
Gadsden, AL	74,570	103,057	31,116	4,459	2,117	27,852	18,478	3,695	3,763	674	29	0	0	296	26,610	22,173
Huntsville, AL	153,808	308,593	108,657	9,096	10,840	69,295	44,092	5,823	13,072	1,702	64	13	7	763	64,689	49,915
Mobile, AL	295,570	443,536	144,366	9,124	15,621	115,327	71,501	13,367	18,234	4,568	2,361	0	9	1,024	107,670	84,868
Montgomery, AL	196,928	272,687	99,101	4,343	7,778	82,784	53,593	7,356	14,059	1,650	1,787	0	8	729	76,658	60,949
Tuscaloosa, AL	99,634	137,541	45,188	3,888	3,732	38,367	24,503	4,184	5,704	1,093	176	0	0	313	35,484	28,687
Anchorage, AK	170,401	174,431	75,354	2,632	7,699	83,726	41,512	12,286	13,231	3,864	2,512	0	24	1,669	70,893	53,798
Phoenix, AZ	1,409,043	1,509,052	585,761	8,387	64,706	620,353	356,457	82,268	92,934	23,772	12,325	23	12	9,422	555,431	438,725
Tucson, AZ	450,576	531,443	200,352	6,111	14,357	192,269	101,395	25,525	31,858	8,043	6,374	4	0	3,658	166,821	126,920
Yuma, AZ-CA	54,703	0	0	0	0	22,222	10,434	3,808	3,400	966	214	0	0	284	18,608	14,242
Fayetteville-Springdale, AR	62,648	178,609	66,374	1,865	6,457	27,576	15,419	3,771	3,968	1,031	346	0	0	364	24,189	19,190
Fort Smith, AR-OK	90,038	203,511	69,299	2,782	6,018	38,503	23,313	6,145	5,648	1,364	49	0	6	460	36,470	29,458
Little Rock-North Little Rock, AR	294,684	393,774	154,110	5,505	14,334	134,148	81,982	13,878	25,436	3,494	2,675	22	0	1,470	124,790	95,860
Pine Bluff, AR	62,593	90,718	27,003	1,829	3,843	22,943	13,121	3,606	3,606	1,101	390	0	11	202	21,434	16,727
Antioch-Pittsburg, CA	86,387	1	1	1	1	34,605	19,741	4,828	5,562	1,505	370	527	92	436	31,636	24,569
Bakersfield, CA	222,333	403,089	139,090	4,651	18,165	93,357	56,139	16,016	11,046	3,216	1,216	0	0	1,155	86,417	72,155
Chico, CA	51,693	143,851	43,821	3,454	5,145	22,386	11,874	3,013	2,290	541	80	27	0	582	17,718	14,887
Fairfield, CA	69,247	334,402	100,204	26,887	16,140	30,226	16,583	2,813	5,968	1,166	515	6	0	329	26,470	19,396
Fresno, CA	331,227	514,621	175,441	7,446	25,515	140,874	89,416	17,452	16,637	3,650	4,198	7	5	2,117	127,155	106,868
Henet, CA	55,401	1	1	1	1	14,978	8,398	2,510	1,894	589	30	0	0	262	13,391	10,908
Lancaster, CA	56,297	1	1	1	1	24,045	13,059	2,912	4,935	797	945	12	6	304	21,703	15,971
Los Angeles-Long Beach, CA	9,479,643	9,410,212	3,616,951	303,878	421,528	4,366,309	2,717,962	346,501	635,464	90,662	251,112	369	820	63,390	3,790,589	3,064,463
Modesto, CA	159,705	265,900	82,495	8,047	11,951	61,710	38,267	9,121	7,650	1,816	529	10	0	752	56,854	47,388
Mapa, CA	59,140	1	1	1	1	25,626	14,887	3,445	3,558	1,087	575	0	0	390	22,977	18,332
Oxnard-Ventura-Thousand Oaks, CA	377,624	529,174	157,052	55,703	22,100	169,093	101,870	17,638	28,264	5,264	2,285	12	8	2,683	153,036	119,508
Pain Springs, CA	66,425	1	1	1	1	29,289	18,795	3,253	3,032	715	285	0	0	1,129	25,795	22,048
Redding, CA	52,637	115,715	35,308	1,563	2,933	20,670	12,025	4,069	1,785	771	30	0	0	462	18,590	16,034
Sacramento, CA	796,555	1,014,002	377,237	15,789	42,063	344,952	203,106	38,271	52,877	9,270	13,916	14	8	5,788	303,524	241,377
SaInas, CA	82,634	290,444	110,478	6,006	14,756	34,584	20,466	4,070	5,527	956	1,057	0	0	339	31,019	24,536
San Bernardino-Riverside, CA	705,884	1,558,182	447,020	97,638	67,185	282,118	168,522	38,011	40,476	10,300	3,047	16	0	3,851	257,309	206,533
San Diego, CA	1,704,539	1,861,846	744,771	45,733	63,162	782,264	428,413	75,585	115,717	20,771	26,373	21	188	14,229	640,486	503,998
San Francisco-Oakland, CA	3,190,822	3,250,630	1,311,357	79,595	168,863	1,536,879	784,658	102,105	211,807	30,765	206,087	37,414	10,145	29,219	1,129,335	886,763
San Jose, CA	1,244,033	1,295,071	534,980	46,619	69,759	627,186	400,283	54,924	91,058	12,398	14,882	243	4,290	9,610	558,663	455,207
Santa Barbara, CA	150,466	298,694	118,163	5,062	13,569	72,505	40,047	6,927	8,545	1,441	3,530	6	0	2,072	56,060	46,074
Santa Cruz, CA	123,001	188,141	57,993	16,247	7,388	55,151	29,692	5,581	7,819	1,791	2,586	0	10	1,794	44,883	35,273
Santa Maria, CA	57,461	1	1	1	1	24,471	14,495	3,703	3,463	876	31	0	0	303	22,537	18,198
Santa Rosa, CA	136,726	299,681	93,235	19,489	15,837	57,971	34,059	7,280	7,471	1,723	1,849	0	0	1,219	50,533	41,339
Seaside-Monterey, CA	115,549	1	1	1	1	59,069	30,331	4,134	8,073	1,526	1,585	0	8	1,288	43,864	34,465
Sini Valley, CA	79,983	1	1	1	1	36,604	20,714	4,363	7,691	1,407	366	7	0	456	34,175	25,077
Stockton, CA	197,303	347,342	107,378	8,257	17,343	74,121	46,698	9,349	9,846	1,671	1,359	0	6	838	67,564	56,047
Visalia, CA	58,834	245,738	73,312	7,263	12,122	25,363	15,444	3,899	3,040	791	47	0	0	503	23,174	19,343
Yuba City, CA	61,088	101,979	30,847	3,495	2,604	22,712	13,415	3,673	3,104	798	52	0	0	387	20,990	17,088

URBANIZED AREA	AUTOMOBILES AVAILABLE					TRUCKS OR VANS AVAILABLE					URBANIZED AREA LAND AREA (SQ. MILES)	1980 DAILY TOTAL VMT (1000)	1980 TOTAL MILAGE	DAILY VMT PER CAPITA
	3+	NONE	1	2	3+	NONE	1	2	3+					
Anniston, AL	4,608	3,118	11,228	8,164	2,177	18,436	5,767	418	66	69	1,189	527	15.74	
Auburn-Opelika, AL	3,034	2,256	8,449	6,416	1,711	15,229	3,353	200	50	65	0	0	0.00	
Birmingham, AL	37,804	32,313	95,126	73,553	20,855	177,385	41,042	3,142	278	341	11,547	3,604	19.06	
Decatur, AL	4,315	2,107	8,238	7,047	2,147	14,059	4,964	474	42	49	0	0	0.00	
Dothan, AL	3,254	2,202	8,283	6,477	1,679	14,267	4,012	315	47	60	0	0	0.00	
Florence, AL	5,861	2,761	11,186	9,592	2,953	19,164	6,826	471	31	63	1,304	726	17.95	
Gadsden, AL	5,623	3,301	12,254	9,084	2,669	19,875	6,808	578	47	85	1,310	558	17.57	
Huntsville, AL	11,710	4,186	22,004	19,815	7,245	41,713	10,638	799	100	136	3,173	754	20.63	
Mobile, AL	17,022	14,588	46,586	32,277	8,320	77,761	22,043	1,757	210	197	5,312	1,205	17.97	
Montgomery, AL	11,231	9,162	30,929	22,585	6,114	55,266	12,587	848	89	118	3,036	596	15.42	
Tuscaloosa, AL	5,902	4,728	15,751	10,972	2,998	26,965	6,985	485	14	64	1,656	618	16.62	
Anchorage, AK	12,691	7,021	30,974	17,031	4,094	33,488	21,755	3,352	525	140	2,368	480	13.90	
Phoenix, AZ	110,067	42,983	252,092	166,269	52,434	358,222	137,269	15,938	2,349	641	16,190	5,253	11.49	
Tucson, AZ	32,706	18,241	85,204	49,360	14,960	116,406	45,295	5,419	645	173	4,821	1,275	10.70	
Yuma, AZ-CA	3,520	2,293	10,176	5,003	1,062	10,940	6,771	731	92	23	0	0	0.00	
Fayetteville-Springdale, AR	4,369	2,101	11,361	7,594	1,884	16,529	5,839	527	45	62	0	0	0.00	
Fort Smith, AR-OK	5,670	4,202	17,539	10,073	2,335	24,206	9,078	817	48	74	1,479	594	16.43	
Little Rock-North Little Rock, AR	17,461	12,557	53,106	35,657	8,118	84,594	23,062	1,663	119	164	4,811	1,487	16.33	
Pine Bluff, AR	3,626	3,961	10,525	6,082	1,489	15,722	5,954	370	11	29	796	407	12.72	
Antioch-Pittsburg, CA	7,317	3,084	13,240	10,424	3,404	20,048	9,307	758	39	26	917	220	10.62	
Bakersfield, CA	18,386	8,494	39,362	24,909	7,856	52,852	24,848	2,600	321	68	2,416	714	10.87	
Chico, CA	4,655	2,276	10,505	6,120	2,276	14,113	6,374	640	50	25	0	0	0.00	
Fairfield, CA	4,860	1,758	9,678	8,012	2,419	15,281	5,973	600	13	32	0	0	0.00	
Fresno, CA	24,272	14,158	56,798	41,129	11,272	90,456	29,679	2,978	244	102	3,750	1,110	11.32	
Henet, CA	2,881	2,894	15,442	5,590	1,004	18,886	5,485	487	72	28	0	0	0.00	
Lancaster, CA	5,414	1,579	8,831	7,322	2,670	13,258	6,407	654	83	45	0	0	0.00	
Los Angeles-Long Beach, CA	661,467	421,991	1,500,401	1,116,292	397,191	2,748,134	618,050	61,450	8,241	1,827	135,634	25,515	14.31	
Modesto, CA	12,346	5,838	27,499	18,899	5,593	40,081	15,994	1,582	172	46	1,319	389	8.26	
Napa, CA	5,581	2,107	10,093	7,576	2,420	14,458	6,920	747	71	19	0	0	0.00	
Oxnard-Ventura-Thousand Oaks, CA	31,593	8,882	50,910	48,519	18,069	91,802	30,622	3,502	454	138	5,206	1,215	13.79	
Palm Springs, CA	4,566	2,164	15,612	9,607	2,452	24,224	4,934	619	58	63	0	0	0.00	
Redding, CA	4,224	2,505	11,500	5,468	1,381	11,646	8,122	886	200	45	0	0	0.00	
Sacramento, CA	62,912	34,306	142,476	99,873	31,050	223,566	76,390	7,008	741	278	11,729	2,411	14.72	
Salinas, CA	5,654	2,324	13,171	9,144	2,832	19,946	6,933	548	44	17	853	191	10.32	
San Bernardino-Riverside, CA	59,655	24,961	111,608	80,863	28,206	166,330	70,368	7,708	1,232	359	11,966	3,570	16.95	
San Diego, CA	126,294	71,996	282,819	199,763	67,353	465,534	138,801	15,513	2,083	611	25,451	4,853	14.93	
San Francisco-Oakland, CA	200,740	214,059	557,013	373,314	117,026	1,034,464	207,858	17,043	2,047	796	54,184	7,381	16.98	
San Jose, CA	108,922	29,775	177,950	169,405	65,617	332,080	100,096	9,350	1,221	326	18,358	3,055	14.76	
Santa Barbara, CA	11,486	6,948	26,557	18,142	6,935	45,885	11,408	1,060	229	45	2,363	529	15.70	
Santa Cruz, CA	10,070	5,276	23,571	16,254	4,818	35,775	12,591	1,311	242	74	1,671	363	13.59	
Santa Maria, CA	5,505	1,380	8,405	7,212	2,651	12,963	5,905	706	74	23	0	0	0.00	
Santa Rosa, CA	10,918	5,286	25,542	17,743	5,057	38,164	14,054	1,260	150	52	2,209	480	16.16	
Seaside-Monterey, CA	6,208	4,194	21,011	12,071	3,544	33,108	7,079	551	82	37	1,623	321	14.05	
Siskiyou Valley, CA	8,825	575	6,902	9,993	5,275	13,327	7,993	1,246	179	27	674	245	8.43	
Stockton, CA	12,812	10,397	33,828	22,306	5,862	53,719	17,248	1,368	58	60	2,374	587	12.03	
Visalia, CA	4,776	1,910	9,819	7,512	2,030	14,577	6,036	544	114	25	0	0	0.00	
Yuba City, CA	5,080	2,602	11,443	6,711	2,133	15,540	6,503	755	91	26	0	0	0.00	

URBANIZED AREA	SMSA PLACE OF WORK					MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										
	URBANIZED TOTAL POPULATION	SMSA TOTAL POPULATION	WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPOL CAR	CARPOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV.VEH.	DRIVE ALONE
Boulder, CO	81,334	1	1	1	1	42,749	20,081	2,537	5,641	896	4,189	0	0	1,495	29,155	22,618
Colorado Springs, CO	276,837	317,458	128,815	5,045	11,743	126,793	69,997	13,751	22,407	3,956	2,687	0	6	2,457	110,111	83,748
Denver, CO	1,352,188	1,620,902	729,306	13,053	65,660	676,739	383,077	64,706	115,283	19,957	42,627	49	29	12,169	583,023	447,783
Fort Collins, CO	77,975	149,184	58,968	6,844	5,666	37,792	19,686	4,188	5,326	1,301	567	5	14	1,115	30,501	23,874
Grand Junction, CO	56,763	0	0	0	0	25,556	13,222	4,517	3,490	1,187	120	0	0	506	22,416	17,739
Greeley, CO	62,270	123,438	39,278	10,683	2,759	27,100	14,903	3,518	3,850	1,087	383	0	0	589	23,358	18,421
Pueblo, CO	109,490	125,972	42,031	1,359	3,165	40,080	22,880	7,108	5,569	1,277	774	0	4	409	36,834	29,988
Bridgeport, CT	410,934	395,455	128,661	38,038	13,383	186,240	122,585	9,156	33,233	2,733	5,086	23	2,186	1,729	167,707	131,741
Bristol, CT	83,262	73,762	17,135	15,657	2,767	40,744	26,159	3,085	7,633	985	774	0	9	278	37,862	29,244
Danbury, CT-NY	95,497	146,424	45,139	19,200	4,985	45,055	28,414	3,134	9,039	873	375	16	569	560	41,460	31,548
Hartford, CT	510,224	726,089	292,843	33,439	28,157	244,020	144,809	10,401	46,270	2,954	20,557	44	26	2,453	204,434	155,210
Meriden, CT	57,118	57,118	12,517	12,657	1,847	27,085	17,329	1,978	5,100	413	412	0	37	188	24,820	19,307
New Britain, CT	135,892	142,241	38,728	27,644	5,084	67,180	43,914	3,818	11,750	963	1,519	0	44	447	60,445	47,732
New Haven, CT	368,129	417,679	149,306	29,451	10,538	165,812	100,984	8,473	27,697	2,003	10,741	22	701	1,732	139,157	109,457
New London-Norwich, CT	148,483	248,554	92,876	12,107	9,514	69,955	36,853	4,681	14,402	1,925	554	32	34	768	57,861	41,534
Norwalk, CT	107,530	126,673	34,992	24,768	5,929	55,859	35,311	2,529	7,461	507	1,122	45	4,423	1,520	45,808	37,840
Stamford, CT	182,895	198,854	63,534	24,997	9,049	90,221	56,356	3,315	10,792	792	1,931	89	9,272	1,782	71,255	59,671
Waterbury, CT	160,299	228,145	68,417	22,898	8,950	70,184	44,647	3,481	14,222	1,148	2,307	8	10	477	63,498	48,128
Wilmington, DE-NJ-MD	406,394	523,221	184,884	23,933	18,508	180,059	105,875	11,262	36,658	2,917	8,983	14	904	2,210	156,712	117,137
Washington, DC-MD-VA	2,763,471	3,060,922	1,384,276	34,756	140,788	1,415,597	695,173	52,261	293,650	23,907	163,266	66,371	2,543	22,539	1,064,991	747,434
Daytona Beach, FL	170,599	258,762	78,009	6,713	8,342	63,585	37,366	6,564	9,379	2,275	982	8	0	1,165	55,584	43,930
Fort Lauderdale-Hollywood, FL	1,008,545	1,018,200	309,985	67,141	47,523	420,120	277,398	32,078	63,785	12,296	7,595	106	64	5,009	385,557	309,476
Fort Myers, FL	140,956	205,266	67,219	3,764	6,029	54,629	32,145	5,917	9,296	2,858	585	7	0	684	50,216	38,062
Fort Pierce, FL	70,606	0	0	0	0	26,888	14,545	3,192	4,576	2,361	255	0	0	328	24,674	17,737
Fort Walton Beach, FL	85,362	109,920	42,234	2,270	3,213	39,752	23,163	4,008	6,722	1,572	442	0	0	539	35,465	27,171
Gainesville, FL	103,976	151,348	54,985	3,525	5,633	44,002	24,695	2,931	6,839	961	1,494	0	0	719	35,426	27,626
Jacksonville, FL	597,598	737,541	278,628	12,151	25,911	261,828	149,838	23,662	48,195	7,778	13,261	8	35	2,433	229,473	173,500
Lakeland, FL	114,814	321,652	110,200	7,117	12,816	48,767	29,603	5,778	7,450	1,860	225	7	15	656	44,691	35,381
Melbourne-Cocoa, FL	213,145	272,959	101,326	4,075	10,085	91,543	52,826	7,956	19,484	3,233	307	7	6	1,170	83,499	60,782
Miami, FL	1,608,204	1,625,781	611,109	23,751	93,571	718,272	443,613	40,200	126,852	13,951	46,860	147	68	8,295	624,616	483,813
Naples, FL	53,743	0	0	0	0	21,885	12,972	2,544	3,305	1,079	38	7	0	476	19,900	15,516
Ocala, FL	51,053	122,488	34,018	4,475	3,918	19,663	11,965	3,004	2,612	670	3	8	0	345	18,251	14,969
Orlando, FL	577,229	700,055	266,108	11,422	47,413	272,359	167,268	23,138	43,260	8,668	4,788	23	6	3,324	242,334	190,406
Panama City, FL	78,931	97,740	35,366	1,676	3,363	32,485	18,599	4,533	5,298	1,498	159	7	0	264	29,928	23,132
Pensacola, FL	215,961	289,782	102,850	5,825	10,299	89,391	52,225	9,412	14,524	3,042	1,459	5	0	966	79,203	61,637
Sarasota-Bradenton, FL	305,692	350,693	98,722	12,828	14,624	110,026	66,253	12,707	15,478	4,106	882	13	8	2,238	98,544	78,960
St. Petersburg, FL	833,336	1	1	1	1	296,070	187,321	26,148	43,789	9,294	4,760	37	22	4,895	266,552	213,469
Tallahassee, FL	119,544	159,542	66,819	3,147	6,139	57,644	34,238	4,624	10,363	1,522	1,383	0	0	808	50,747	38,862
Tampa, FL	520,959	1,569,134	533,714	17,444	57,841	231,646	146,483	20,884	36,501	6,194	4,894	35	15	2,726	210,062	167,367
West Palm Beach, FL	487,349	576,863	192,067	15,218	24,973	196,275	124,407	17,175	31,180	6,779	1,556	54	50	2,755	179,541	141,582
Winter Haven, FL	72,618	1	1	1	1	29,917	17,590	3,907	4,392	1,913	202	0	0	326	27,802	21,497
Albany, GA	88,735	112,402	38,226	2,228	5,958	36,138	22,628	3,915	6,115	939	566	6	0	347	33,597	26,543
Athens, GA	62,815	130,015	46,677	5,785	4,934	26,711	15,846	1,613	4,737	413	823	10	0	501	22,609	17,459

URBANIZED AREA	AUTOMOBILES AVAILABLE					TRUCKS OR VANS AVAILABLE					URBANIZED AREA LAND AREA (SQ. MILES)	1980 DAILY TOTAL VMT (1000)	1980 TOTAL MILEAGE	DAILY VMT PER CAPITA
	3+	NONE	1	2	3+	NONE	1	2	3+					
Boulder, CO	5,948	2,969	13,908	9,928	3,722	24,570	5,315	568	74	23	1,296	291	15.93	
Colorado Springs, CO	21,702	7,907	46,801	32,848	11,171	70,421	25,824	2,226	256	142	4,465	1,174	16.13	
Denver, CO	114,399	51,263	220,939	181,139	61,417	379,847	121,501	11,957	1,453	439	22,304	5,278	16.49	
Fort Collins, CO	6,541	2,366	12,416	10,044	3,375	19,477	7,885	741	98	35	0	0	0.00	
Grand Junction, CO	5,434	2,253	10,991	6,070	1,828	11,198	8,443	1,307	194	32	0	0	0.00	
Greeley, CO	4,832	2,084	10,858	7,563	2,324	15,925	6,118	707	59	20	0	0	0.00	
Pueblo, CO	10,069	4,781	18,393	11,961	4,512	25,043	13,070	1,344	190	44	1,607	373	14.68	
Bridgeport, CT	21,576	19,614	55,594	52,816	15,586	127,928	14,545	1,023	114	165	1	1	.00	
Bristol, CT	5,310	2,244	12,891	11,173	3,386	24,414	4,889	340	51	48	593	277	7.12	
Danbury, CT-NY	5,752	2,604	12,916	12,879	3,806	26,729	5,064	346	66	72	2,283	735	23.91	
Hartford, CT	22,957	29,819	80,759	61,066	16,049	168,402	17,883	1,212	196	208	1	1	.00	
Meriden, CT	3,095	2,685	9,213	7,239	1,914	17,947	2,850	234	20	23	1	1	0.02	
New Britain, CT	7,270	6,164	21,836	17,151	4,834	43,065	6,537	347	36	51	1,742	482	12.82	
New Haven, CT	16,218	21,960	57,557	42,493	11,158	118,324	13,955	785	104	155	1	1	.00	
New London-Norwich, CT	7,119	6,392	24,942	16,073	4,240	42,631	8,507	461	48	102	2,511	739	16.91	
Norwalk, CT	6,951	2,901	13,831	16,370	5,213	33,843	4,186	263	23	48	1	1	0.01	
Stamford, CT	10,520	6,615	25,982	26,239	8,371	61,299	5,461	397	50	78	1	1	0.01	
Waterbury, CT	7,419	9,102	24,380	18,667	5,145	50,632	6,219	421	22	70	2,098	652	13.09	
Wilmington, DE-NJ-MD	21,066	17,417	61,478	50,642	13,095	120,488	20,657	1,327	160	171	5,495	1,307	13.52	
Washington, DC-MD-VA	136,951	157,418	441,470	325,894	98,114	914,256	100,100	7,685	855	807	47,551	8,447	17.21	
Daytona Beach, FL	8,054	8,836	39,938	18,812	3,729	58,831	11,338	1,005	141	105	2,903	810	17.02	
Fort Lauderdale-Hollywood, FL	46,099	44,428	222,994	119,610	27,679	361,136	49,258	3,903	414	289	15,585	3,309	15.45	
Fort Myers, FL	6,713	5,338	31,152	16,023	3,284	45,815	8,943	894	145	95	3,538	1,150	25.10	
Fort Pierce, FL	3,269	3,683	13,776	7,242	1,486	20,568	5,082	454	83	55	0	0	0.00	
Fort Walton Beach, FL	5,809	1,809	13,987	10,598	2,866	21,250	7,457	536	17	61	0	0	0.00	
Gainesville, FL	5,358	3,962	18,733	11,809	3,585	32,653	5,053	329	54	52	2,215	532	21.30	
Jacksonville, FL	30,070	31,705	102,738	66,955	15,176	173,725	39,668	2,866	315	431	13,429	3,349	22.47	
Lakeland, FL	6,593	4,934	21,542	12,640	3,370	32,969	8,552	904	61	77	2,133	579	18.58	
Melbourne-Cocoa, FL	13,216	6,101	38,583	27,182	7,767	63,519	14,678	1,281	155	167	4,584	1,433	21.51	
Miami, FL	68,016	116,166	272,345	171,473	43,992	535,842	63,319	4,392	423	340	25,316	5,090	15.74	
Naples, FL	2,917	1,373	12,522	7,146	1,568	18,255	4,003	300	51	50	0	0	0.00	
Ocala, FL	2,717	2,146	9,912	5,459	1,137	14,019	4,194	392	49	41	0	0	0.00	
Orlando, FL	33,517	19,752	98,397	71,162	19,437	168,506	36,946	3,045	251	312	10,917	2,706	18.91	
Panama City, FL	4,760	3,424	13,838	8,446	2,161	19,646	7,524	629	70	58	0	0	0.00	
Pensacola, FL	11,983	9,353	35,942	23,822	6,087	57,184	16,870	1,048	102	137	3,607	1,140	16.70	
Sarasota-Bradenton, FL	13,819	12,909	79,597	33,892	6,730	111,437	19,791	1,674	226	150	5,054	1,419	16.53	
St. Petersburg, FL	33,909	48,825	213,376	87,031	19,220	321,030	43,851	3,077	494	296	13,099	2,864	15.72	
Tallahassee, FL	6,952	5,278	20,933	14,267	3,857	36,094	7,636	536	69	69	2,421	642	20.25	
Tampa, FL	27,327	25,331	92,744	61,218	14,691	157,894	33,637	2,259	194	231	11,443	2,589	21.97	
West Palm Beach, FL	23,652	21,074	113,164	57,079	13,648	176,068	26,546	2,082	269	187	7,411	1,969	15.21	
Winter Haven, FL	4,148	3,018	13,930	8,154	1,782	20,388	5,986	453	57	46	0	0	0.00	
Albany, GA	4,543	4,835	13,112	9,260	2,279	23,076	5,965	417	28	64	1,020	435	11.49	
Athens, GA	3,485	2,965	10,242	7,028	2,256	19,069	3,198	205	19	41	0	0	0.00	

URBANIZED AREA	SMSA PLACE OF WORK					MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										
	URBANIZED TOTAL POPULATION	SMSA TOTAL POPULATION	WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPOL CAR	CARPOL TRK/VAN	PUBLIC TRANSF. BUS	PUBLIC TRANSF. SUBWAY	PUBLIC TRANSF. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV.VEH.	DRIVE ALONE
Atlanta, GA	1,613,550	2,029,710	852,973	19,568	77,489	764,925	470,618	55,171	120,365	17,361	62,336	5,858	477	8,663	663,515	525,789
Augusta, GA-SC	251,007	327,372	122,539	6,304	15,229	113,447	63,792	9,302	20,972	3,073	2,397	0	8	1,010	97,139	73,094
Columbus, GA-AL	214,675	239,196	91,787	3,619	8,956	91,903	53,665	7,960	14,150	2,037	2,179	8	6	1,518	77,812	61,625
Macon, GA	130,810	253,794	90,567	6,520	7,662	51,764	31,372	4,431	10,370	1,571	1,639	0	3	344	47,744	35,803
Rome, GA	51,216	0	0	0	0	21,729	13,748	2,252	3,351	656	457	0	0	238	20,001	16,000
Savannah, GA	186,588	230,728	79,127	5,572	8,067	75,384	43,977	6,622	11,995	2,087	4,208	0	11	784	64,681	50,599
Warner Robins, GA	54,665	1	1	1	1	24,618	14,616	2,600	5,100	686	148	0	0	171	23,202	17,216
Honolulu, HI	582,374	762,565	326,856	10,862	30,535	290,103	141,599	11,049	61,637	5,294	31,640	32	0	4,514	219,579	152,648
Kailua-Kaneohe, HI	105,745	1	1	1	1	50,776	25,141	2,821	11,433	1,299	3,124	0	0	1,286	40,694	27,962
Boise City, ID	135,138	173,036	70,651	3,983	4,867	63,383	35,491	8,639	9,123	2,150	1,890	5	11	1,356	55,403	44,130
Pocatello, ID	53,392	0	0	0	0	23,214	13,083	3,902	2,459	631	425	0	0	409	20,075	16,985
Alton, IL	88,932	1	1	1	1	34,159	21,174	4,216	5,482	838	453	0	0	355	31,710	25,390
Aurora, IL	158,982	1	1	1	1	73,768	46,700	5,183	13,323	1,523	969	30	1,653	914	66,729	51,883
Bloomington-Normal, IL	82,477	119,149	47,727	3,871	4,077	39,682	22,541	2,578	6,401	604	626	7	0	443	32,124	25,119
Champaign-Urbana, IL	109,341	168,392	72,446	4,116	6,565	53,296	25,379	3,022	8,233	764	3,374	6	10	1,012	37,398	28,401
Chicago, IL-Northwestern IN	6,779,713	7,746,405	3,017,663	68,257	327,494	2,989,865	1,595,355	110,459	459,160	32,063	301,845	117,028	134,602	32,337	2,197,037	1,705,814
Danville, IL	52,293	0	0	0	0	20,243	12,453	2,508	3,307	308	242	0	0	223	18,576	14,961
Decatur, IL	107,948	131,375	47,961	2,712	4,398	45,154	28,532	5,463	6,789	1,226	597	0	0	502	42,010	33,995
Elgin, IL	106,737	1	1	1	1	49,643	30,929	3,639	9,258	977	968	9	998	521	44,803	34,568
Joliet, IL	167,694	1	1	1	1	68,242	43,232	5,384	13,291	1,500	801	0	589	637	63,407	48,616
Kankakee, IL	61,459	102,926	33,269	4,681	3,095	25,484	16,670	1,996	4,432	474	48	5	37	287	23,572	18,666
Peoria, IL	261,474	365,864	138,439	4,244	13,833	113,653	68,758	12,346	19,596	3,253	3,441	7	11	1,380	103,953	81,104
Rockford, IL	204,441	279,514	108,837	6,457	11,263	92,281	62,461	6,801	15,024	1,478	1,374	0	0	982	85,764	69,262
Round Lake Beach, IL	65,536	1	1	1	1	28,654	16,348	2,647	6,123	844	109	0	1,340	371	25,962	18,995
Springfield, IL	122,954	187,789	78,936	3,189	6,714	59,359	35,017	4,501	11,519	1,124	2,404	6	0	792	52,161	39,518
Anderson, IN	78,339	139,336	42,894	7,736	3,580	29,434	18,256	3,664	4,498	656	261	0	0	415	27,074	21,920
Bloomington, IN	63,687	98,785	36,540	3,444	2,374	26,131	12,650	1,359	3,855	362	952	6	0	651	18,226	14,009
Eikhart-Goshen, IN	83,706	137,330	52,357	4,722	3,294	37,292	22,522	4,382	6,185	1,079	28	0	0	475	34,168	26,904
Evansville, IN-KY	180,511	309,408	120,982	4,718	8,141	79,337	48,503	10,065	11,922	2,456	1,324	0	6	1,037	72,946	58,568
Fort Wayne, IN	236,592	382,961	151,788	5,573	7,746	104,362	67,966	9,157	15,654	1,956	3,764	7	0	1,254	94,733	77,123
Indianapolis, IN	836,377	1,166,575	474,683	11,221	37,645	380,312	236,881	30,866	69,473	8,090	15,782	8	12	4,355	345,310	267,747
Kokomo, IN	61,112	103,715	36,295	2,531	2,790	24,139	15,773	3,071	3,247	533	16	0	0	297	22,624	18,844
Lafayette-West Lafayette, IN	91,278	121,702	50,197	2,044	3,022	41,169	21,991	3,584	5,461	768	1,012	0	6	672	31,804	25,575
Muncie, IN	91,430	128,587	44,287	5,198	2,910	36,215	21,815	3,419	4,937	742	593	0	0	488	30,913	25,234
South Bend, IN-MI	226,312	280,772	100,405	12,193	8,291	96,019	60,628	9,118	14,270	1,946	2,592	23	29	1,175	85,962	69,746
Terre Haute, IN	74,811	176,583	60,664	4,862	6,083	31,338	17,918	3,462	4,546	890	641	0	0	428	26,816	21,380
Cedar Rapids, IA	135,798	169,775	75,029	2,646	4,357	66,249	39,982	6,375	10,994	1,363	2,229	0	0	1,021	58,714	46,357
Davenport-Rock Island-Moline, IA-IL	284,784	383,958	149,001	4,696	12,892	125,255	77,760	12,367	21,577	3,280	2,389	23	0	1,388	114,984	90,127
Des Moines, IA	267,180	338,048	147,937	3,572	13,251	130,409	77,306	11,315	22,640	3,205	6,850	0	0	1,968	114,466	88,621
Dubuque, IA-IL	68,121	93,745	38,227	1,511	1,755	30,094	17,283	2,659	4,824	593	1,400	0	0	406	25,359	19,942
Iowa City, IA	59,295	81,717	34,656	4,458	2,820	30,769	12,513	1,460	4,906	436	4,359	7	8	662	19,315	13,973
Sioux City, IA-NE-SD	96,799	117,457	45,929	1,783	2,999	42,023	24,297	4,805	7,303	1,172	1,025	6	0	563	37,577	29,102
Waterloo, IA	120,288	137,961	56,197	1,668	3,110	52,713	32,567	5,877	7,125	1,200	1,019	0	0	785	46,769	38,444
Lawrence, KS	52,801	67,640	26,134	3,690	2,279	25,264	12,250	2,086	4,032	607	719	0	11	674	18,975	14,336
Topeka, KS	125,959	185,442	77,690	3,978	6,328	60,897	36,344	6,599	10,545	1,834	1,452	0	0	1,068	55,322	42,943
Wichita, KS	306,083	411,313	182,274	2,655	14,022	151,325	92,344	17,618	25,320	4,151	3,475	6	0	1,904	139,433	109,962

URBANIZED AREA	AUTOMOBILES AVAILABLE					TRUCKS OR VANS AVAILABLE					URBANIZED AREA LAND AREA (SQ. MILES)	1980 DAILY TOTAL VMT (1000)	1980 TOTAL MILAGE	DAILY VMT PER CAPITA
	3+	NONE	1	2	3+	NONE	1	2	3+					
Atlanta, GA	104,671	76,220	241,056	206,264	62,788	478,003	99,949	7,448	928	905	23,500	5,605	14.56	
Augusta, GA-SC	13,140	12,263	38,481	26,066	7,231	66,253	16,754	974	60	156	2,526	930	10.06	
Coitbus, GA-AL	10,815	11,322	33,204	21,673	5,832	58,050	13,226	621	134	122	2,629	862	12.25	
Macon, GA	6,954	8,782	20,163	13,530	3,943	37,926	8,047	425	20	62	1,620	609	12.38	
Rome, GA	3,237	2,597	8,893	5,672	1,590	14,417	4,088	244	3	39	0	0	0.00	
Savannah, GA	9,188	12,540	29,249	19,078	4,959	53,805	11,151	826	44	127	2,645	785	14.18	
Warner Robins, GA	3,719	1,415	8,223	6,511	2,064	12,938	4,976	292	7	30	0	0	0.00	
Honolulu, HI	26,585	24,264	85,749	53,411	19,092	161,924	19,235	1,213	144	135	6,880	920	11.81	
Kailua-Kaneohe, HI	6,922	1,109	10,740	11,808	4,505	22,137	5,530	448	47	34	0	0	0.00	
Boise City, ID	13,104	3,684	23,719	17,199	5,997	31,594	17,139	1,625	241	62	2,086	586	15.44	
Pocatello, ID	4,529	1,541	10,142	5,757	1,497	10,109	7,721	996	111	26	0	0	0.00	
Alton, IL	4,572	3,828	16,503	10,579	2,017	24,952	7,508	411	56	49	1,248	487	14.03	
Aurora, IL	8,062	4,422	24,468	20,631	4,667	44,737	8,862	566	43	69	0	0	0.00	
Elmington-Normal, IL	3,753	3,225	13,806	9,688	2,187	24,032	4,512	328	34	24	856	328	10.38	
Champaign-Urbana, IL	4,045	5,605	20,336	10,777	2,412	33,656	5,020	437	17	28	1,095	319	10.01	
Chicago, IL-Northwestern IN	226,162	519,755	1,042,687	667,104	155,969	2,171,163	200,295	12,698	1,359	1,498	94,709	18,238	13.97	
Danville, IL	2,115	3,265	10,484	5,349	987	15,597	4,227	248	13	23	0	0	0.00	
Decatur, IL	6,114	4,822	19,464	13,303	2,894	30,826	8,950	672	35	48	1,334	479	12.36	
Egin, IL	5,102	3,741	16,467	13,651	2,788	30,045	6,097	488	17	38	0	0	0.00	
Joliet, IL	8,712	5,706	24,737	19,392	5,141	44,564	9,672	667	73	70	2,321	575	13.84	
Kankakee, IL	2,370	2,453	10,628	6,935	1,357	17,886	3,287	194	6	21	0	0	0.00	
Peoria, IL	13,625	10,609	46,474	32,075	6,809	74,297	20,097	1,456	117	123	3,770	1,108	14.42	
Rockford, IL	10,566	7,517	33,538	26,747	6,125	61,343	11,713	766	105	77	2,703	898	13.22	
Round Lake Beach, IL	4,069	1,501	9,541	8,176	2,117	15,969	4,823	476	67	41	0	0	0.00	
Springfield, IL	5,163	6,347	26,613	14,721	2,632	41,874	7,941	430	68	47	2,062	536	16.77	
Anderson, IN	3,967	3,827	14,774	9,068	1,740	22,281	6,611	481	36	47	794	354	10.14	
Elmington, IN	2,328	3,211	11,533	5,686	1,337	18,737	2,895	126	9	20	0	0	0.00	
Ekhart-Goshen, IN	4,567	3,345	15,769	9,810	2,094	23,449	7,002	508	59	44	0	0	0.00	
Evansville, IN-KY	10,665	10,168	33,288	20,858	5,009	52,195	15,932	1,140	56	68	1,318	732	7.30	
Fort Wayne, IN	12,943	9,961	40,365	28,617	7,657	70,318	15,031	1,189	62	87	3,934	931	16.63	
Indianapolis, IN	44,821	38,117	143,003	102,189	25,502	251,254	53,355	3,794	408	433	14,648	3,783	17.51	
Kokono, IN	3,383	2,465	11,277	7,096	1,721	17,055	5,174	324	6	21	0	0	0.00	
Lafayette-West Lafayette, IN	3,822	3,291	16,235	8,827	2,014	24,570	5,396	363	38	29	969	351	10.62	
Muncie, IN	4,446	3,842	16,579	9,420	2,257	25,162	6,436	455	45	35	819	378	8.96	
South Bend, IN-MI	10,649	11,001	40,507	25,236	5,524	66,738	14,224	1,192	114	94	3,574	1,550	15.79	
Terre Haute, IN	3,787	4,551	14,626	6,779	1,802	21,110	6,129	488	31	34	1,123	503	15.01	
Cedar Rapids, IA	8,533	5,347	23,094	17,816	4,577	39,280	10,606	821	127	65	1,616	686	11.90	
Ovenport-Rock Island-Moline, IA-IL	16,497	11,499	48,964	35,629	8,533	80,943	21,684	1,792	226	142	3,879	1,222	13.62	
Oes Moines, IA	16,168	11,361	48,411	33,936	8,920	80,992	19,822	1,653	161	122	4,101	1,177	15.35	
Dubuque, IA-IL	3,217	3,129	10,869	7,225	1,720	18,368	4,229	328	18	27	713	285	10.47	
Iowa City, IA	2,437	2,985	12,206	5,984	1,381	19,379	2,787	346	44	30	0	0	0.00	
Sioux City, IA-NE-SD	5,226	4,746	17,558	10,604	2,427	26,609	7,997	668	61	63	1,150	533	11.88	
Waterloo, IA	7,460	4,094	20,046	14,448	4,069	31,905	9,867	817	68	98	1,575	654	13.09	
Lawrence, KS	3,028	2,073	9,375	5,668	1,680	14,921	3,587	270	18	19	0	0	0.00	
Topeka, KS	8,671	5,528	24,323	15,463	4,279	37,281	11,169	1,014	129	62	1,857	599	14.74	
Wichita, KS	22,466	11,374	57,035	39,214	10,919	86,444	29,168	2,645	285	125	4,323	1,314	14.12	

URBANIZED AREA	URBANIZED TOTAL POPULATION	SMSA TOTAL POPULATION	SMSA PLACE OF WORK			MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										TOTAL WORKERS >16 YRS	DRIVE ALONE CAR
			WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	DRIVE ALONE TRK/VAN	DRIVE ALONE CAR	CARPPOOL CAR	CARPPOOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME				
			RESIDENCE	RESIDENCE	RESIDENCE	TRK/VAN	TRK/VAN	CAR	CAR	BUS	SUBWAY	RAILROAD	HOME				
Lexington-Fayette, KY	194,151	317,629	129,518	6,646	7,812	92,549	56,726	7,799	15,286	2,260	3,215	7	0	1,176	82,071	64,525	
Louisville, KY-IN	760,421	906,152	349,055	8,716	24,216	322,110	196,045	26,687	59,135	7,847	16,993	25	7	3,465	289,714	222,732	
Owensboro, KY	57,480	85,949	28,331	4,400	1,900	23,751	14,515	2,786	3,784	837	344	6	0	169	21,922	17,301	
Alexandria, LA	92,909	151,985	43,203	4,041	7,435	35,902	20,933	5,125	5,349	1,127	896	4	12	326	32,534	26,058	
Baton Rouge, LA	350,754	494,151	162,687	17,561	24,661	151,564	91,915	17,553	24,711	5,786	2,453	14	7	1,704	139,965	109,468	
Houma, LA	65,711	0	0	0	0	26,978	15,123	4,589	3,935	1,552	54	0	0	208	25,199	19,712	
Lafayette, LA	114,202	150,017	53,903	6,316	8,517	52,099	32,315	6,924	6,162	1,708	1,044	0	13	608	47,109	39,239	
Lake Charles, LA	123,998	167,223	54,215	4,282	9,731	52,066	28,869	9,241	7,571	2,935	450	0	6	370	48,616	38,110	
Monroe, LA	112,505	139,241	43,386	3,055	5,386	42,823	26,317	6,740	5,294	1,305	723	0	6	510	39,656	33,057	
New Orleans, LA	1,078,558	1,187,073	403,576	23,598	56,981	444,233	235,300	38,439	74,216	13,735	50,647	53	18	4,159	361,690	273,739	
Shreveport, LA	263,822	376,710	131,725	5,437	21,083	116,161	71,033	14,221	17,847	3,144	4,067	17	0	978	106,245	85,254	
Bangor, ME	60,085	83,868	32,339	1,973	1,519	25,606	13,076	1,912	4,138	458	488	0	0	742	19,584	14,988	
Leicester-Auburn, ME	69,994	72,378	25,074	4,089	2,767	30,248	14,265	2,345	6,467	1,277	858	0	0	482	24,354	16,610	
Portland, ME	107,093	183,625	69,408	7,645	5,433	48,082	24,651	2,943	8,909	987	2,973	19	5	875	37,490	27,594	
Annapolis, MD	64,332	1	1	1	1	33,153	15,680	2,035	5,880	934	802	59	10	599	24,529	17,715	
Baltimore, MD	1,755,288	2,174,023	801,703	75,459	91,746	769,764	411,216	39,593	152,437	16,983	91,636	179	1,636	8,475	620,229	450,809	
Cumberland, MD-WV	59,479	107,782	34,073	2,515	2,784	22,032	12,495	2,280	3,922	640	395	0	0	244	19,337	14,775	
Hagerstown, MD-PA	66,258	113,086	38,424	7,890	2,516	29,359	17,269	2,744	5,248	817	458	0	0	342	26,078	20,013	
Boston, MA	2,679,378	2,763,357	1,126,463	68,951	113,067	1,270,684	659,464	44,962	200,815	15,802	108,549	76,164	11,997	17,855	921,043	704,426	
Brockton, MA	177,810	169,374	36,836	29,962	5,586	78,426	47,795	4,794	15,181	1,502	3,144	219	526	666	69,272	52,589	
Fall River, MA-RI	141,809	176,842	50,377	20,157	5,185	59,194	34,234	2,804	15,013	1,142	1,254	0	0	399	53,193	37,038	
Fitchburg-Leominster, MA	76,705	99,959	31,432	10,989	3,225	34,419	20,927	2,011	6,895	787	633	0	26	297	30,620	22,938	
Lawrence-Haverhill, MA-NH	211,457	281,981	83,187	32,946	10,291	94,467	56,043	4,798	22,558	1,509	1,583	9	114	815	84,908	60,841	
Lowell, MA-NH	157,350	233,410	55,330	41,694	10,421	72,203	42,564	3,839	16,503	1,214	1,924	33	501	651	64,120	46,403	
New Bedford, MA	133,191	169,425	54,862	10,609	4,793	54,918	30,911	2,306	11,913	1,154	1,677	16	15	542	46,284	33,217	
Pittsfield, MA	57,594	90,505	33,370	3,709	2,069	24,502	13,853	1,541	4,542	578	1,030	0	0	210	20,514	15,394	
Springfield-Chicopee-Holyoke, MA-CT	505,838	530,553	193,333	23,630	18,436	226,438	138,152	13,727	41,987	3,658	9,074	24	35	2,480	197,524	151,879	
Taunton, MA	52,270	0	0	0	0	23,282	13,741	1,610	5,462	572	284	0	35	300	21,385	15,351	
Worcester, MA	276,124	373,119	133,972	22,690	11,739	122,413	71,427	6,158	23,391	1,779	5,145	38	18	1,265	102,755	77,585	
Ann Arbor, MI	208,931	264,748	101,808	16,997	7,023	100,091	57,663	5,285	14,584	1,540	4,258	33	297	1,806	79,072	62,948	
Battle Creek, MI	77,781	187,338	59,033	10,351	4,894	30,711	19,270	3,030	5,351	679	618	0	0	452	28,330	22,300	
Bay City, MI	77,573	119,881	30,506	11,683	2,539	29,105	19,149	3,040	4,442	612	294	0	0	308	17,243	22,189	
Benton Harbor, MI	60,664	171,276	55,865	7,092	4,199	22,317	14,763	2,162	3,577	401	73	0	0	348	20,903	16,925	
Detroit, MI	3,809,246	4,353,413	1,535,144	51,627	123,911	1,498,828	1,027,553	100,020	222,878	23,381	59,463	87	1,374	12,206	1,373,832	1,127,573	
Flint, MI	331,985	521,589	164,657	11,545	15,643	119,048	80,656	13,330	16,060	2,352	1,448	11	0	874	112,398	93,986	
Grand Rapids, MI	374,678	601,680	236,928	9,845	17,607	166,423	108,246	13,272	26,192	3,462	4,190	5	0	279	151,172	121,518	
Jackson, MI	81,213	151,495	47,681	6,723	3,269	30,209	19,307	3,155	4,511	774	472	0	24	349	27,747	22,462	
Kalamazoo, MI	155,124	279,192	102,331	10,107	7,797	70,186	43,554	5,640	9,991	1,207	2,508	14	0	1,120	60,392	49,194	
Lansing, MI	254,958	471,565	180,681	11,816	11,305	116,283	68,596	8,156	17,213	1,996	4,835	3	7	1,834	95,961	76,752	
Muskegon-Muskegon Heights, MI	105,464	179,591	56,587	6,754	3,524	39,337	25,839	4,080	5,706	850	400	0	0	516	36,475	29,919	
Port Huron, MI	59,581	1	1	1	1	22,843	14,307	2,384	3,717	549	229	0	0	247	20,957	16,691	
Saginaw, MI	146,485	228,059	70,369	7,885	4,113	51,146	35,431	4,896	6,939	921	173	6	0	548	48,187	40,327	

URBANIZED AREA	PRIVATE VEHICLE OCCUPANCY					PERSONS PER PRIV.VEH.	TRAVEL TIME TO WORK								LABOR FORCE STATUS				
	2 PERSON CARPOOL	3 PERSON CARPOOL	4 PERSON CARPOOL	5+ PERSON CARPOOL	WORKERS NOT WORK AT HOME		<10 MINUTES	10 - 19 MINUTES	20 - 29 MINUTES	30 - 44 MINUTES	45+ MINUTES	MEAN	45+	ARMED FORCES	CIVILIAN EMPLOYED	TOTAL FAMILIES	<5,000	5,000-7,499	
Lexington-Fayette, KY	13,665	2,449	959	473	1.13	91,122	13,905	43,397	21,018	8,636	4,166	17.6	64.0	123	94,376	48,234	3,535	2,892	
Louisville, KY-IN	49,006	11,369	4,475	2,132	1.15	319,635	36,543	105,674	87,368	66,520	23,530	21.5	57.5	828	332,047	203,549	16,127	12,423	
Owensboro, KY	3,109	812	436	262	1.14	23,416	5,615	11,847	2,452	1,813	1,889	16.3	59.0	82	24,241	15,427	1,306	1,124	
Alexandria, LA	4,552	1,205	415	304	1.13	35,467	7,550	15,872	6,629	3,426	1,990	17.8	74.7	3,065	33,660	23,599	2,747	2,172	
Baton Rouge, LA	20,691	6,119	2,441	1,246	1.14	150,896	20,172	53,834	37,472	26,496	12,822	21.2	60.0	138	154,939	87,791	8,443	5,131	
Houma, LA	3,713	970	464	340	1.14	26,655	5,429	11,385	4,255	2,698	2,888	20.9	74.4	57	27,828	17,167	1,237	826	
Lafayette, LA	5,949	1,105	495	321	1.10	51,905	9,138	22,801	9,943	5,991	4,032	19.7	73.1	56	53,117	28,168	2,149	1,526	
Lake Charles, LA	6,941	2,156	759	650	1.14	51,750	8,887	23,286	10,983	5,688	2,906	18.4	69.9	92	53,450	32,637	2,562	1,839	
Monroe, LA	4,925	1,122	358	194	1.10	41,668	7,733	20,505	8,546	3,167	1,717	16.8	72.2	80	43,717	28,465	3,898	2,605	
New Orleans, LA	61,997	16,188	5,954	3,812	1.16	439,640	44,841	127,463	100,111	103,831	63,394	25.1	58.6	4,461	453,042	272,600	31,313	18,668	
Shreveport, LA	15,904	3,167	1,249	671	1.12	115,442	17,060	47,850	28,151	17,431	4,950	18.7	64.0	5,115	113,522	68,906	6,655	4,637	
Bangor, ME	3,634	688	196	78	1.15	24,417	8,245	11,551	3,010	970	641	12.7	70.0	131	26,101	13,581	987	1,133	
Leviston-Auburn, ME	5,181	1,270	653	640	1.22	30,332	8,372	13,899	3,458	2,162	2,441	16.2	56.3	254	30,866	18,203	1,362	1,602	
Portland, ME	7,377	1,818	468	233	1.17	46,546	10,420	23,201	7,810	3,267	1,848	15.6	65.7	521	48,821	27,244	1,745	1,970	
Annapolis, MD	4,570	1,203	660	381	1.19	32,034	8,273	9,592	4,113	3,763	6,293	23.1	58.0	5,327	28,416	15,845	893	579	
Baltimore, MD	111,418	32,253	15,490	10,259	1.19	763,030	70,440	197,909	180,717	192,362	121,602	26.3	57.7	11,907	780,538	453,515	37,227	24,128	
Cumberland, MD-WV	3,187	821	389	165	1.15	22,260	4,759	10,030	4,942	1,736	793	15.9	59.9	43	22,750	15,926	1,020	1,212	
Hagerstown, MD-PA	4,165	1,152	469	279	1.15	29,831	5,425	14,138	5,547	2,501	2,220	18.6	68.6	168	29,831	18,490	1,287	1,146	
Boston, MA	157,129	37,513	13,136	8,839	1.15	1,251,656	184,214	386,974	249,023	264,033	167,412	23.1	55.2	6,111	1,298,565	649,680	38,158	32,649	
Brockton, MA	11,608	3,078	1,136	861	1.16	77,630	13,442	25,075	13,777	13,523	11,813	23.0	56.6	202	79,964	44,389	2,699	2,503	
Fall River, MA-RI	10,139	2,760	1,688	1,568	1.22	59,335	10,405	27,090	10,303	6,871	4,666	18.5	59.3	159	61,139	38,773	3,059	3,469	
Fitchburg-Leonister, MA	5,730	1,364	345	243	1.16	34,688	8,555	15,197	5,504	3,253	2,179	16.7	59.0	466	34,761	20,013	1,223	1,450	
Laurence-Haverhill, MA-NH	16,172	4,219	1,883	1,793	1.19	93,404	17,415	38,342	17,824	12,119	7,704	18.9	55.9	108	96,734	55,399	4,098	3,297	
Lowell, MA-NH	12,445	3,311	1,131	830	1.18	71,930	10,960	26,136	16,133	12,654	6,047	20.4	54.7	342	73,581	39,525	2,375	2,421	
New Bedford, MA	8,865	2,193	982	1,027	1.19	54,212	11,620	27,677	8,203	4,008	3,304	16.8	66.6	467	56,169	35,888	3,473	3,183	
Pittsfield, MA	4,067	785	197	71	1.16	24,317	5,781	13,460	3,207	1,303	566	14.0	65.4	39	25,103	15,513	1,065	880	
Springfield-Chicopee-Holyoke, MA-CT	33,507	7,067	3,202	1,869	1.15	224,523	40,113	94,156	49,443	29,043	11,768	18.0	59.3	639	230,927	130,374	9,712	7,838	
Taunton, MA	3,989	1,180	559	306	1.19	22,379	4,547	8,475	3,859	3,436	2,062	19.5	57.5	21	23,931	13,641	970	869	
Worcester, MA	18,718	4,254	1,471	727	1.16	122,014	24,681	52,957	23,683	13,596	7,097	17.6	60.9	100	125,589	70,574	4,522	4,468	
Ann Arbor, MI	12,506	2,279	813	526	1.13	99,280	18,779	42,940	19,252	11,567	6,742	18.1	56.4	126	103,036	45,433	2,289	2,083	
Battle Creek, MI	4,914	749	245	122	1.13	30,523	6,717	16,180	4,738	1,802	1,086	15.0	61.5	130	31,611	20,570	1,494	1,249	
Bay City, MI	3,649	726	429	250	1.12	28,684	6,187	12,409	5,441	3,758	889	16.6	61.7	47	30,114	20,571	1,402	1,404	
Benton Harbor, MI	3,152	522	231	73	1.12	21,659	5,474	11,117	3,568	924	576	14.1	66.2	42	22,878	16,022	1,479	1,382	
Detroit, MI	190,435	36,550	12,525	6,749	1.11	1,486,577	174,398	448,502	373,694	334,692	155,291	22.9	54.4	2,833	1,555,095	988,916	62,844	50,158	
Flint, MI	15,203	2,305	586	318	1.10	118,234	16,950	51,756	32,865	12,571	4,092	17.7	61.7	101	124,668	86,702	6,469	5,405	
Grand Rapids, MI	23,057	4,376	1,455	766	1.12	164,909	30,425	75,647	40,476	13,787	4,574	16.3	62.4	127	172,246	96,066	4,969	5,208	
Jackson, MI	4,083	731	309	162	1.12	30,033	7,078	15,710	4,180	1,567	1,498	15.4	61.2	65	31,075	20,093	1,329	1,261	
Kalamazoo, MI	9,064	1,430	465	239	1.11	68,559	15,403	32,896	12,499	5,415	2,346	15.6	61.5	36	72,340	36,798	2,379	1,912	
Lansing, MI	15,540	2,286	757	626	1.12	115,041	25,230	54,380	24,052	7,603	3,776	15.6	65.7	155	120,472	57,971	3,419	2,976	
Muskegon-Muskegon Heights, MI	4,934	894	330	398	1.11	38,680	7,855	20,550	6,873	2,130	1,272	15.1	59.1	35	40,951	27,837	2,248	1,992	
Fort Huron, MI	3,055	723	302	186	1.13	22,606	6,180	10,352	2,596	1,491	1,987	17.2	64.3	78	23,536	15,876	1,036	1,025	
Saginaw, MI	6,350	1,074	270	166	1.10	50,324	10,187	26,093	9,708	3,097	1,239	15.3	68.1	62	52,874	37,892	3,423	2,487	

URBANIZED AREA	AUTOMOBILES AVAILABLE				TRUCKS OR VANS AVAILABLE				URBANIZED AREA LAND AREA (SQ. MILES)	1980	1980 TOTAL MILAGE	DAILY VMT PER CAPITA	
	3+	NONE	1	2	3+	NONE	1	2		3+			DAILY TOTAL VMT (1000)
Lexington-Fayette, KY	10,501	9,396	33,263	23,477	6,068	58,909	12,291	897	107	76	2,771	515	14.27
Louisville, KY-IN	40,113	41,600	124,467	90,171	22,159	225,889	49,001	3,257	250	261	12,864	2,488	16.92
Owensboro, KY	3,341	3,096	10,031	6,518	1,618	16,204	4,653	343	63	16	842	232	14.65
Alexandria, LA	4,894	5,052	15,660	8,348	1,871	22,424	7,718	720	69	58	907	433	9.76
Baton Rouge, LA	22,505	12,203	54,844	41,514	11,344	88,607	28,693	2,382	223	167	4,207	1,081	11.99
Houma, LA	3,771	2,306	11,278	6,031	1,525	14,093	6,419	561	67	51	0	0	0.00
Lafayette, LA	7,331	3,978	18,346	12,922	3,650	28,301	9,734	764	97	48	1,282	409	11.23
Lake Charles, LA	9,143	4,440	20,504	13,833	3,681	27,231	13,898	1,192	137	85	1,152	468	9.29
Monroe, LA	6,894	5,847	18,808	11,017	2,797	27,265	10,291	803	110	71	1,388	579	12.34
New Orleans, LA	41,325	84,381	177,805	98,937	21,950	316,762	61,632	4,267	412	230	10,708	2,928	9.93
Shreveport, LA	15,872	12,747	43,812	30,248	7,569	71,087	21,754	1,364	171	120	3,535	1,110	13.40
Bangor, ME	1,859	3,441	11,599	4,467	934	16,515	3,736	176	14	71	0	0	0.00
Lewiston-Auburn, ME	2,142	5,505	13,937	5,366	865	21,126	4,227	294	26	79	981	468	14.02
Portland, ME	2,963	8,956	21,453	9,733	1,604	36,656	4,860	216	14	63	2,058	572	19.22
Annapolis, MD	3,444	2,914	9,760	7,342	1,928	17,728	3,944	240	32	32	0	0	0.00
Baltimore, MD	67,263	136,559	264,630	178,245	42,970	547,090	70,390	4,402	522	523	19,226	3,386	10.95
Cumberland, MD-WV	3,060	3,943	10,606	6,140	1,584	17,495	4,522	226	30	36	0	0	0.00
Hagerstown, MD-PA	3,300	4,072	12,110	7,564	1,904	20,613	4,719	274	44	37	0	0	0.00
Boston, MA	88,626	208,050	441,753	252,724	64,762	889,116	72,968	4,654	551	857	41,400	8,569	15.45
Brockton, MA	6,824	8,317	28,536	18,175	4,458	51,437	7,574	428	47	64	2,842	736	15.98
Fall River, MA-RI	4,543	9,761	25,557	13,170	2,922	46,007	5,142	235	26	44	3,004	1,017	21.18
Fitchburg-Leonister, MA	2,922	4,515	14,049	7,303	1,898	24,200	3,317	220	28	63	1,102	387	14.37
Laurence-Haverhill, MA-NH	8,037	13,062	36,780	20,848	5,352	67,579	7,761	591	111	104	4,419	1,047	20.90
Lowell, MA-NH	6,452	8,781	24,462	15,190	4,458	46,285	6,252	288	66	60	3,870	993	24.59
New Bedford, MA	3,351	11,355	24,955	11,063	2,167	45,343	4,038	144	15	38	1,606	532	12.06
Pittsfield, MA	1,723	3,542	11,778	5,118	932	18,501	2,713	126	30	45	643	261	11.16
Springfield-Chicopee-Holyoke, MA-CT	19,495	28,386	86,465	51,810	12,555	156,389	21,438	1,253	136	283	1	1	.00
Taunton, MA	2,382	2,640	8,841	5,335	1,300	14,928	2,985	156	47	58	0	0	0.00
Worcester, MA	9,264	17,999	49,644	25,278	6,108	88,116	10,331	492	90	118	5,013	1,438	18.15
Ann Arbor, MI	9,873	7,574	37,153	25,722	5,789	65,018	10,443	720	57	66	3,222	638	15.42
Battle Creek, MI	3,830	4,087	15,149	8,413	1,753	23,337	5,645	370	50	47	1,299	511	16.70
Bay City, MI	4,084	3,235	14,253	8,420	2,271	22,173	5,563	427	16	35	1,066	343	13.74
Benton Harbor, MI	2,973	3,222	10,523	6,444	1,575	17,764	3,778	209	13	31	0	0	0.00
Detroit, MI	209,562	188,502	557,324	450,315	138,411	1,132,154	187,447	13,626	1,325	1,044	64,675	12,049	16.98
Flint, MI	18,321	14,394	57,906	36,231	8,999	91,246	24,257	1,885	142	146	5,887	1,515	17.73
Grand Rapids, MI	20,215	13,825	61,189	45,210	12,462	109,496	21,057	1,830	303	163	5,559	1,555	14.84
Jackson, MI	3,964	3,768	14,111	8,382	1,948	21,958	5,756	474	21	37	1,626	502	20.02
Kalamazoo, MI	8,414	6,131	26,702	18,114	5,010	45,540	9,633	696	88	78	2,666	729	17.19
Lansing, MI	12,101	9,462	44,329	29,435	6,817	74,539	14,525	912	67	83	3,638	846	14.27
Muskegon-Muskegon Heights, MI	5,124	4,779	18,704	11,731	2,611	30,341	6,926	517	41	57	1,586	579	15.04
Port Huron, MI	3,042	2,570	10,796	6,826	1,476	16,985	4,391	271	21	28	0	0	0.00
Saginaw, MI	7,039	6,815	23,531	16,642	3,793	41,637	8,575	475	94	52	2,174	642	14.84

URBANIZED AREA	URBANIZED TOTAL POPULATION	SMSA TOTAL POPULATION	SMSA PLACE OF WORK			MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA											
			WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPOL CAR	CARPOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV.VEH.	DRIVE ALONE	
Duluth-Superior, MN-WI	132,648	266,650	93,027	3,689	6,475	55,229	27,025	5,228	9,202	1,563	5,082	6	0	847	43,018	32,253	
Minneapolis-St. Paul, MN	1,788,043	2,113,533	966,532	14,478	65,219	903,372	511,652	62,344	152,225	18,587	88,415	53	13	15,688	744,808	573,996	
Rochester, MN	60,541	92,006	42,208	1,509	2,530	31,787	17,445	2,031	5,797	368	1,341	8	0	590	25,641	19,476	
St. Cloud, MN	58,365	163,256	56,568	8,216	4,003	27,324	14,460	2,137	4,077	465	1,097	0	0	688	21,139	16,597	
Biloxi-Gulfport, MS	179,437	191,918	62,915	6,359	7,247	74,703	39,479	8,299	12,504	3,169	510	0	0	809	63,451	47,778	
Hattiesburg, MS	56,600	0	0	0	0	23,090	13,691	2,357	3,885	754	399	0	0	221	20,687	16,048	
Jackson, MS	265,011	320,425	120,026	6,502	12,194	118,655	74,902	11,618	21,411	3,327	2,208	10	7	1,038	111,258	86,520	
Pascagoula-Moss Point, MS	65,132	118,015	35,162	7,882	4,276	26,140	14,260	3,509	4,871	1,510	89	102	0	431	24,150	17,769	
Columbia, MO	65,458	100,376	42,120	3,165	4,238	31,672	16,235	1,869	5,558	803	761	0	0	762	24,465	18,104	
Joplin, MO	57,662	127,513	44,133	3,015	3,935	24,145	14,921	3,473	3,523	796	48	0	0	292	22,713	18,394	
Kansas City, MO-KS	1,097,753	1,327,106	555,227	10,693	54,172	516,202	314,226	45,453	94,375	11,978	24,013	49	32	7,438	466,032	359,679	
Springfield, MO	139,125	207,704	78,822	3,200	6,548	59,698	36,232	7,896	8,059	1,384	870	0	15	1,058	53,571	44,128	
St. Joseph, MO-KS	80,015	101,868	33,830	2,755	3,754	32,722	19,643	4,185	4,884	1,041	923	0	0	466	29,753	23,828	
St. Louis, MO-IL	1,848,366	2,356,460	905,901	15,134	83,469	798,016	485,717	53,283	150,314	13,609	54,280	43	18	9,872	702,923	539,000	
Billings, MT	84,382	108,035	43,779	1,409	3,401	38,677	20,842	5,865	5,137	1,372	1,227	0	0	879	33,216	26,707	
Great Falls, MT	66,282	80,696	32,734	1,117	2,680	30,613	16,244	5,094	4,539	1,214	71	8	0	473	27,091	21,338	
Missoula, MT	58,231	0	0	0	0	25,575	12,327	3,740	2,824	809	858	0	0	659	19,700	16,067	
Lincoln, NE	173,565	192,884	91,215	3,315	5,212	90,267	48,614	7,425	16,793	2,090	4,897	6	10	1,903	74,922	56,039	
Omaha, NE-IA	512,361	569,614	244,095	4,919	16,074	238,731	138,685	21,105	43,753	5,552	12,707	18	2	3,937	209,095	159,790	
Las Vegas, NV	433,009	463,087	199,912	5,115	22,173	214,368	128,401	25,825	33,300	6,786	4,280	6	11	2,123	194,312	154,226	
Reno, NV	162,106	193,623	92,176	3,562	8,603	89,526	49,522	11,838	14,279	3,005	862	0	0	1,290	78,644	61,360	
Manchester, NH	102,579	160,767	53,379	17,286	6,484	49,330	27,773	2,951	9,914	1,249	1,679	0	36	685	41,887	30,724	
Nashua, NH	75,210	114,191	36,653	12,434	6,064	37,366	22,222	2,197	7,626	789	183	0	68	553	32,834	24,419	
Portsmouth-Dover-Rochester, NH-ME	103,669	163,827	59,696	9,496	6,296	48,591	23,212	3,715	10,805	1,795	968	0	0	922	39,527	26,927	
Atlantic City, NJ	145,965	194,119	62,982	8,838	8,864	60,587	33,103	3,087	10,616	1,259	4,664	31	115	928	48,065	36,190	
Trenton, NJ-PA	261,025	307,863	106,477	23,149	9,752	114,491	69,623	5,416	21,679	1,600	5,685	20	2,134	1,236	98,318	75,039	
Vineland-Millville, NJ	88,804	132,866	38,379	5,967	6,898	35,545	22,304	3,629	5,832	758	153	0	0	599	32,523	25,933	
Albuquerque, NM	418,492	454,499	172,894	5,679	17,764	184,586	104,936	25,673	27,080	6,638	4,750	17	0	3,116	164,327	130,609	
Las Cruces, NM	55,010	96,340	28,065	3,113	3,374	20,785	10,905	2,604	3,669	732	382	0	0	331	17,910	13,509	
Santa Fe, NM	52,111	0	0	0	0	23,330	12,602	3,270	3,720	886	31	0	0	991	20,478	15,872	
Albany-Schenectady-Troy, NY	490,209	795,019	301,148	14,586	25,099	214,320	119,190	9,796	40,844	2,429	17,975	41	50	2,669	172,259	128,986	
Binghamton, NY	161,355	301,336	109,465	9,124	9,579	70,451	40,675	3,879	13,923	996	3,055	0	0	900	59,473	44,554	
Buffalo, NY	1,002,283	1,242,826	462,816	7,649	29,377	403,308	242,175	21,301	70,063	4,722	30,713	35	24	5,001	338,261	263,476	
Elmira, NY	68,269	97,656	31,102	4,285	2,467	25,773	15,456	1,725	4,448	558	520	4	0	407	22,187	17,181	
Glens Falls, NY	51,395	109,649	33,315	5,340	2,178	20,732	11,999	1,835	3,861	422	31	0	6	305	18,117	13,834	
New York, NY-Northeastern NJ	15,591,684	15,795,751	5,093,028	963,752	680,731	6,627,514	2,782,786	159,383	879,422	69,704	592,547	1,147,572	264,082	97,154	3,891,295	2,942,169	
Newburgh, NY	65,683	259,603	74,808	23,008	7,872	26,862	15,268	1,677	6,263	520	447	0	201	299	23,728	16,945	
Poughkeepsie, NY	136,508	245,055	73,262	15,235	11,304	59,473	36,657	2,899	11,293	755	1,351	25	566	689	51,604	39,556	
Rochester, NY	605,719	971,230	393,213	10,043	24,523	272,469	162,044	15,278	48,264	4,227	20,557	48	12	3,383	229,813	177,322	
Syracuse, NY	379,518	642,971	240,871	8,521	16,613	164,961	94,896	8,824	30,677	2,254	12,591	13	16	1,966	136,651	103,720	
Utica-Rone, NY	155,289	320,180	106,019	6,577	11,582	60,998	37,386	3,676	11,166	798	1,935	29	0	727	53,026	41,062	
Asheville, NC	102,515	177,761	66,433	4,450	5,534	44,310	27,270	4,421	7,520	1,336	1,115	7	5	538	40,547	31,691	

URBANIZED AREA	AUTOMOBILES AVAILABLE				TRUCKS OR VANS AVAILABLE				URBANIZED AREA LAND AREA (SQ. MILES)	1980 DAILY TOTAL VMT (1000)	1980 TOTAL MILEAGE	DAILY VMT PER CAPITA	
	3+	NONE	1	2	3+	NONE	1	2					3+
Duluth-Superior, MN-WI	6,384	10,020	25,267	11,943	2,968	38,883	10,263	929	123	132	1,858	856	14.01
Minneapolis-St. Paul, MN	105,540	85,647	291,143	223,038	60,853	536,629	113,246	9,608	1,198	980	29,596	7,921	16.55
Rochester, MN	3,224	2,338	10,400	8,269	1,742	18,841	3,552	310	46	21	674	261	11.13
St. Cloud, MN	3,157	2,098	9,215	5,860	1,888	15,150	3,592	281	38	24	697	272	11.94
Biloxi-Gulfport, MS	10,666	6,832	29,420	18,571	4,878	43,144	15,048	1,309	200	125	1,894	948	10.56
Hattiesburg, MS	2,977	2,802	9,571	6,127	1,416	15,446	4,100	319	51	43	0	0	0.00
Jackson, MS	17,908	9,211	40,854	32,031	9,142	69,920	19,555	1,634	129	172	2,868	952	10.82
Pascagoula-Moss Point, MS	4,269	2,054	10,213	6,998	1,672	14,267	6,104	498	68	52	0	0	0.00
Columbia, MO	3,553	2,608	10,681	7,392	2,090	18,846	3,604	304	17	44	1	1	0.02
Joplin, MO	3,534	3,041	12,013	6,294	1,552	16,452	6,028	406	14	53	0	0	0.00
Kansas City, MO-KS	69,266	51,471	186,901	140,297	38,299	328,669	80,887	6,651	761	589	1	1	.00
Springfield, MO	8,358	6,325	27,613	15,993	3,740	39,939	12,701	899	132	70	1	1	0.01
St. Joseph, MO-KS	4,509	4,878	14,790	8,685	1,947	22,464	7,144	640	52	46	1	1	0.01
St. Louis, MO-IL	91,342	99,190	293,669	218,045	55,795	561,403	97,758	6,811	727	597	1	1	.00
Billings, MT	8,040	3,142	14,891	10,680	3,390	20,151	10,563	1,198	191	37	2,141	493	25.37
Great Falls, MT	5,592	2,983	12,008	7,483	2,142	15,181	8,517	784	134	24	1,239	388	18.69
Missoula, MT	4,774	2,801	11,546	6,206	1,687	12,924	8,081	1,002	233	28	0	0	0.00
Lincoln, NE	11,026	7,004	30,888	21,055	6,436	51,546	12,760	944	133	64	2,178	802	12.55
Omaha, NE-IA	28,825	23,913	85,560	59,121	16,040	146,610	34,920	2,801	303	184	6,634	1,935	12.95
Las Vegas, NV	33,524	15,732	80,132	51,383	16,153	116,691	41,330	4,683	696	185	5,103	1,224	11.78
Reno, NV	14,799	7,103	31,615	20,588	6,619	44,112	19,169	2,341	303	72	1,924	441	11.87
Manchester, NH	3,711	6,503	19,651	9,609	2,015	32,728	4,737	265	48	42	1,502	462	14.64
Mashua, NH	2,914	3,145	12,906	9,013	1,685	22,887	3,570	246	46	35	944	350	12.55
Portsmouth-Dover-Rochester, NH-ME	3,906	5,022	19,417	9,711	1,793	28,909	6,553	449	32	123	0	0	0.00
Atlantic City, NJ	5,251	13,589	26,311	14,073	3,312	51,324	5,551	388	22	78	2,930	701	20.07
Trenton, NJ-PA	12,132	15,260	36,836	28,710	8,640	79,303	9,369	660	114	84	5,694	1,136	21.81
Vineland-Millville, NJ	4,476	3,727	14,424	9,267	2,485	23,622	5,872	318	91	130	1,352	607	15.22
Albuquerque, NM	36,904	13,670	70,377	49,927	17,097	99,594	45,765	5,095	617	171	6,912	1,784	16.52
Las Cruces, NM	4,369	1,989	8,802	5,822	1,861	11,956	5,804	557	157	31	0	0	0.00
Santa Fe, NM	4,449	2,052	9,363	5,742	1,791	12,098	6,111	639	100	35	0	0	0.00
Albany-Schenectady-Troy, NY	14,544	34,970	89,938	48,473	9,326	165,164	16,481	918	144	198	7,454	2,336	15.21
Binghamton, NY	5,859	9,666	29,572	16,873	3,693	52,964	6,556	245	39	65	2,565	639	15.90
Buffalo, NY	32,516	74,350	175,663	95,387	21,581	328,386	36,366	2,053	176	266	13,750	3,263	13.72
Elmira, NY	1,989	4,688	13,327	5,907	1,031	21,680	3,123	142	8	26	1,171	365	17.15
Glens Falls, NY	1,695	2,697	10,327	4,504	791	15,242	2,932	127	18	32	0	0	0.00
New York, NY-Northeastern NJ	432,722	2,065,748	2,058,515	1,197,373	330,935	5,344,511	286,811	18,845	2,404	2,808	170,553	33,984	10.94
Neuburgh, NY	2,478	4,027	10,441	7,141	1,357	19,915	2,860	174	17	44	0	0	0.00
Poughkeepsie, NY	5,870	6,474	20,042	16,188	3,862	41,088	5,133	321	24	80	2,635	673	19.30
Rochester, NY	23,673	35,356	104,060	68,148	14,548	194,738	25,644	1,573	157	201	8,900	2,204	14.69
Syracuse, NY	12,448	24,247	67,433	38,925	7,560	122,760	14,494	810	101	128	6,230	1,570	16.42
Utica-Rone, NY	4,618	11,155	28,818	14,280	2,803	51,040	5,704	294	18	81	1,673	630	10.77
Asheville, NC	5,802	6,130	18,599	11,840	2,991	31,010	8,018	512	20	83	1,925	570	18.78

URBANIZED AREA	SWSA PLACE OF WORK					MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										
	URBANIZED TOTAL POPULATION	SWSA TOTAL POPULATION	WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPPOOL CAR	CARPPOOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV. VEH.	DRIVE ALONE
Burlington, NC	66,693	99,319	35,971	8,701	3,453	32,777	20,531	2,801	6,254	1,085	366	0	0	533	30,671	23,332
Charlotte, NC	350,570	637,218	267,538	12,828	35,323	176,752	113,739	11,441	29,837	4,037	9,629	13	5	1,803	159,054	125,180
Concord, NC	72,049	185,081	66,324	14,558	7,687	34,826	18,949	3,154	8,374	1,680	274	0	0	279	32,157	22,103
Durham, NC	157,585	1	1	1	1	73,393	41,783	3,309	14,261	1,261	3,986	0	0	1,056	60,614	45,092
Fayetteville, NC	215,537	247,160	97,783	5,868	10,615	100,760	52,165	7,197	17,226	3,352	1,364	0	0	1,378	79,940	59,362
Gastonia, NC	107,065	1	1	1	1	51,318	29,943	4,960	10,777	1,642	241	0	0	433	47,322	34,903
Goldboro, NC	57,573	0	0	0	0	24,774	15,172	1,920	4,527	637	51	0	0	300	22,256	17,092
Greensboro, NC	170,426	827,252	340,770	14,297	40,932	82,255	54,785	4,778	13,879	1,681	1,759	0	0	1,030	75,123	59,563
Hickory, NC	62,612	130,207	57,557	5,315	3,373	31,603	19,613	3,475	5,586	875	37	0	0	302	29,549	23,088
High Point, NC	100,208	1	1	1	1	48,000	30,136	4,085	9,006	1,447	726	0	0	467	44,674	34,221
Jacksonville, NC	72,972	112,784	51,821	2,435	5,194	42,472	13,746	1,980	7,362	1,470	369	0	0	460	24,558	15,726
Raleigh, NC	206,748	531,167	233,034	9,527	20,253	105,905	65,900	5,694	20,901	2,038	3,659	0	7	1,587	94,533	71,594
Wilmington, NC	88,721	139,248	48,965	2,989	5,579	38,491	24,188	3,520	6,482	1,261	916	0	0	514	35,451	27,708
Winston-Salem, NC	171,195	1	1	1	1	77,780	48,871	5,507	14,563	1,451	2,960	6	7	866	70,392	54,378
Bismarck-Mandan, ND	61,077	79,988	35,680	1,738	1,963	30,258	17,493	3,509	4,423	996	12	0	0	642	26,421	21,002
Fargo-Moorhead, ND-MN	104,660	137,574	58,730	1,952	3,869	51,633	29,298	4,246	7,430	1,145	1,183	0	0	1,128	42,119	33,544
Grand Forks, ND-MN	52,307	100,944	40,429	1,226	3,027	24,295	13,211	2,624	4,067	613	244	0	0	388	20,515	15,835
Akron, OH	516,118	660,328	213,760	41,399	20,208	213,345	142,318	15,792	33,658	3,308	5,880	7	0	2,295	195,076	158,110
Canton, OH	245,161	404,421	135,706	18,878	10,434	101,110	70,723	8,213	14,005	1,426	1,854	7	8	867	94,367	78,936
Cincinnati, OH-KY	1,123,198	1,401,491	520,602	27,092	40,204	477,449	296,476	28,312	79,544	7,668	36,405	44	16	5,573	412,000	324,788
Cleveland, OH	1,752,420	1,898,825	733,720	25,593	60,530	757,929	478,065	34,396	111,728	7,188	80,370	4,321	1,229	7,779	631,377	512,461
Columbus, OH	833,608	1,093,316	435,301	12,570	40,432	379,519	241,310	23,408	62,152	5,770	21,678	51	6	4,327	332,640	264,718
Dayton, OH	595,134	830,070	305,735	17,311	24,080	248,669	167,669	18,352	38,004	3,932	8,776	6	13	2,425	227,957	186,021
Hamilton, OH	105,143	258,787	66,564	31,183	6,779	43,448	28,819	4,073	6,555	888	892	0	0	306	40,335	32,892
Lima, OH	70,081	218,244	77,836	6,396	3,975	26,728	18,463	2,160	3,842	368	227	0	0	286	24,833	20,623
Lorain-Elyria, OH	225,468	274,909	81,200	20,512	6,895	88,315	61,545	8,322	11,577	1,498	633	5	0	754	82,942	69,867
Mansfield, OH	78,898	131,205	45,649	4,490	2,700	31,211	20,830	3,087	4,697	647	130	6	0	436	29,261	23,917
Middletown, OH	91,406	1	1	1	1	35,304	24,054	4,271	4,599	649	291	0	0	359	33,573	28,325
Newark, OH	50,827	120,981	35,130	11,744	2,723	20,486	13,830	1,852	3,056	376	32	0	0	189	19,114	15,682
Springfield, OH	86,655	183,885	49,018	16,195	4,487	31,009	20,592	2,132	5,258	517	325	0	0	248	28,499	22,724
Steubenville-Weirton, OH-WV-PA	77,489	163,099	48,852	5,992	5,046	29,623	18,645	2,682	4,657	777	301	0	0	291	26,761	21,327
Toledo, OH-MI	485,624	791,599	272,536	21,514	18,933	192,504	131,045	14,256	26,658	2,785	7,828	0	22	2,012	174,744	145,301
Youngstown-Warren, OH	383,230	531,350	175,248	15,576	11,707	143,211	103,518	9,464	20,652	1,781	1,454	36	0	1,457	135,415	112,982
Enid, OK	50,590	62,820	24,522	1,460	2,394	23,452	13,793	3,868	3,288	977	27	0	0	333	21,926	17,661
Lauton, OK	96,143	112,456	40,962	1,746	9,128	46,028	22,679	4,915	6,237	1,492	488	0	0	475	35,323	27,594
Oklahoma City, OK	674,862	834,088	343,897	7,818	32,350	321,160	199,468	36,459	53,959	9,176	4,040	0	0	4,563	299,062	235,927
Tulsa, OK	443,203	689,434	280,458	9,882	23,266	214,582	133,559	24,879	33,770	5,260	5,779	0	23	2,648	197,468	158,438
Eugene, OR	182,570	275,226	100,687	3,392	9,856	79,807	41,622	10,628	8,845	2,562	3,824	0	0	1,864	63,657	52,250
Hedford, OR	52,271	132,456	43,764	2,052	4,852	20,713	11,869	3,882	2,062	679	95	0	0	388	18,492	15,751
Portland, OR-WA	1,026,109	1,242,594	583,464	11,828	53,624	479,562	260,414	49,345	72,937	11,928	46,063	18	19	8,977	394,624	309,759
Salem, OR	135,783	249,895	79,985	10,131	9,578	57,257	31,513	6,771	9,235	1,708	2,644	0	0	905	49,227	38,284
Allentown-Bethlehem-Easton, PA-NJ	381,640	635,481	235,408	27,651	17,730	169,027	103,319	9,474	31,241	2,653	5,140	13	85	2,124	146,687	112,793
Altoona, PA	78,829	136,621	45,434	2,759	3,062	29,096	17,589	2,201	5,072	648	690	0	6	266	25,510	19,790

URBANIZED AREA	PRIVATE VEHICLE OCCUPANCY					PERSONS PER PRIV. VEH.	TRAVEL TIME TO WORK					MEAN, 45+	LABOR FORCE STATUS			TOTAL FAMILIES	<5,000	5,000- 7,499
	2 PERSON CARPOOL	3 PERSON CARPOOL	4 PERSON CARPOOL	5+ PERSON CARPOOL	WORKERS NOT WORK AT HOME		<10 MINUTES	10 - 19 MINUTES	20 - 29 MINUTES	30 - 44 MINUTES	45+ MINUTES		ARMED FORCES	CIVILIAN EMPLOYED				
Burlington, NC	4,953	1,232	567	587	1.16	31,586	7,032	14,578	5,044	2,901	2,031	16.9	57.6	31	33,305	18,652	1,109	1,318
Charlotte, NC	24,325	6,395	2,089	1,065	1.13	174,688	20,284	63,750	48,876	30,005	11,773	20.8	61.6	285	179,531	92,807	6,299	4,895
Concord, NC	6,808	1,956	737	553	1.22	34,737	7,185	16,298	4,833	4,391	2,030	17.0	55.6	28	35,743	20,529	1,317	1,475
Durham, NC	11,455	2,352	1,080	635	1.17	72,239	13,108	34,441	14,056	7,511	3,123	16.9	58.5	162	74,836	35,571	3,006	2,429
Fayetteville, NC	13,738	3,585	1,605	1,650	1.17	99,830	24,187	40,244	21,815	9,386	4,198	16.4	64.9	42,774	59,261	52,481	5,670	4,660
Gastonia, NC	9,118	2,080	819	402	1.17	52,063	10,817	23,652	9,382	6,235	1,977	16.6	58.2	62	52,507	29,891	2,226	2,031
Goldensboro, NC	3,732	904	332	196	1.15	24,747	5,356	12,976	3,789	1,690	936	15.4	62.4	4,859	20,490	14,872	1,565	1,403
Greensboro, NC	11,174	2,746	1,115	525	1.13	81,037	15,351	40,338	14,750	7,038	3,560	16.6	62.9	75	83,863	43,331	2,790	2,528
Hickory, NC	5,164	822	307	168	1.13	31,532	7,351	16,268	5,431	1,939	543	14.4	73.4	30	32,326	17,541	872	1,067
High Point, NC	7,822	1,700	637	294	1.15	47,402	8,655	24,871	8,385	3,952	1,539	15.6	59.1	24	48,927	27,918	2,190	2,213
Jacksonville, NC	4,858	1,997	1,269	708	1.28	41,817	16,160	14,882	6,321	3,557	897	13.1	63.2	29,570	13,310	14,440	1,196	1,813
Raleigh, NC	16,522	4,012	1,595	810	1.16	105,032	15,849	44,367	26,732	13,498	4,586	18.4	62.4	256	107,285	50,801	2,425	2,079
Wilmington, NC	5,369	1,347	706	321	1.14	37,591	5,549	16,780	8,952	4,444	1,866	18.2	59.1	386	38,777	23,870	2,336	1,747
Winston-Salem, NC	11,876	2,754	887	497	1.14	77,210	12,375	36,701	17,834	7,503	2,797	17.0	59.2	74	79,356	44,917	3,535	3,242
Bismarck-Mandan, ND	3,922	659	259	579	1.13	29,137	10,076	14,594	2,506	684	1,277	13.5	73.5	146	30,614	15,885	630	658
Fargo-Moorhead, ND-MN	6,864	1,175	278	258	1.12	50,694	13,900	28,182	5,803	1,423	1,386	13.4	74.7	159	52,554	24,611	946	1,058
Grand Forks, ND-MN	3,686	670	216	108	1.14	23,990	7,307	12,907	2,234	1,106	436	12.4	63.5	689	24,131	12,343	731	731
Akron, OH	28,432	5,668	1,924	942	1.12	211,628	35,726	81,904	53,702	27,855	12,441	18.8	57.6	195	221,571	136,444	8,621	6,760
Canton, OH	12,388	1,945	863	235	1.10	99,855	17,027	44,025	23,482	11,423	3,898	17.5	61.8	58	104,621	66,906	3,796	3,428
Cincinnati, OH-KY	64,869	14,674	5,303	2,366	1.13	472,246	57,829	151,305	130,340	98,795	33,977	21.5	56.8	453	490,467	289,431	19,541	14,163
Cleveland, OH	95,011	17,487	4,413	2,005	1.11	750,899	87,435	220,386	183,138	175,899	84,041	23.3	54.5	834	779,821	463,849	31,770	20,984
Columbus, OH	53,962	9,837	2,914	1,209	1.12	375,285	49,408	135,124	109,408	62,707	18,638	19.8	60.2	731	392,762	210,078	15,066	10,347
Dayton, OH	33,118	6,287	2,065	466	1.11	246,353	35,538	90,924	70,767	39,227	9,897	19.0	58.2	8,136	248,990	159,613	11,202	8,131
HAMILTON, OH	5,846	1,166	298	133	1.11	43,493	6,763	15,821	10,262	7,512	3,195	20.1	55.2	27	44,822	28,738	1,809	1,489
Lima, OH	3,322	589	173	126	1.10	26,294	5,531	14,119	4,580	1,289	775	14.9	66.1	41	27,511	18,350	1,537	992
Lorain-Elyria, OH	10,298	1,825	692	260	1.09	87,838	16,330	34,635	19,431	11,454	5,988	18.6	55.5	135	90,889	59,766	3,606	2,350
Mansfield, OH	4,343	715	196	90	1.11	30,804	6,544	15,568	5,781	2,051	860	15.4	69.8	24	32,898	21,007	1,367	1,303
Middletown, OH	4,103	799	254	92	1.09	35,271	6,987	15,014	6,899	4,449	1,922	17.6	56.4	36	36,500	25,683	1,707	1,326
Newark, OH	2,663	516	175	78	1.11	20,405	4,211	10,098	3,446	1,434	1,216	16.3	58.5	87	21,418	13,934	817	880
Springfield, OH	4,342	827	363	243	1.13	30,745	6,302	14,974	4,980	2,818	1,671	16.7	57.4	90	33,630	22,774	2,279	1,510
Steubenville-Weirton, OH-WV-PA	4,453	727	208	46	1.12	29,407	5,306	13,390	6,028	3,513	1,170	16.8	56.1	10	30,889	21,602	1,354	990
Toledo, OH-MI	23,886	3,984	1,004	569	1.10	190,999	30,930	78,876	52,193	21,983	7,017	17.8	61.6	208	199,976	126,632	8,437	6,747
Youngstown-Warren, OH	18,096	3,042	875	420	1.10	142,363	22,925	61,252	35,229	17,065	5,892	17.9	61.1	116	149,418	104,303	7,699	5,290
Enid, OK	3,012	627	486	140	1.12	23,019	5,694	13,324	1,896	1,167	938	14.5	68.2	1,158	22,750	13,958	715	675
Lauton, OK	5,617	1,351	490	271	1.14	45,454	13,703	22,571	6,538	1,479	1,163	13.2	67.8	18,060	28,862	22,978	1,918	1,895
Oklabona City, OK	48,870	9,450	3,202	1,613	1.13	313,837	47,926	113,206	80,071	57,478	15,156	19.4	59.1	6,178	323,478	182,553	11,093	10,142
Tulsa, OK	30,339	5,623	1,884	1,184	1.12	211,324	30,310	87,360	55,289	30,197	8,168	18.4	61.3	188	218,794	120,987	6,844	6,540
Eugene, OR	8,978	1,503	505	421	1.11	77,621	16,411	38,661	13,722	5,285	3,542	16.3	67.8	118	81,820	45,710	3,188	2,869
Medford, OR	2,077	448	126	90	1.09	20,391	5,738	10,971	2,248	865	569	13.5	71.2	44	21,254	14,190	899	974
Portland, OR-WA	68,306	11,855	3,220	1,484	1.13	471,688	68,879	165,990	115,807	85,945	35,067	20.6	57.4	1,327	490,771	267,885	13,613	13,170
Salen, OR	8,584	1,529	523	307	1.14	56,970	11,624	27,307	9,776	4,764	3,499	17.2	62.3	103	58,454	35,349	2,255	1,884
Allentown-Bethlehem-Easton, PA-NJ	24,984	6,201	1,886	823	1.15	166,882	32,291	74,756	36,333	16,078	7,424	17.0	63.3	140	172,849	103,903	5,201	4,926
Altoona, PA	4,302	1,042	278	98	1.14	28,476	6,706	14,341	4,568	1,731	1,130	15.1	64.3	6	30,014	20,967	1,408	1,444

URBANIZED AREA	AUTOMOBILES AVAILABLE				TRUCKS OR VANS AVAILABLE				URBANIZED AREA LAND AREA (SQ. MILES)	1980	1980 TOTAL MILAGE	DAILY VMT PER CAPITA	
	3+	NONE	1	2	3+	NONE	1	2		3+			DAILY TOTAL VMT (1000)
Burlington, NC	4,619	2,619	10,747	8,780	2,593	19,585	4,802	322	30	43	1,184	399	17.75
Charlotte, NC	20,098	14,648	54,809	47,093	12,495	108,560	19,252	1,153	80	190	6,802	1,482	19.40
Concord, NC	4,938	3,541	12,223	8,429	2,586	20,115	6,165	471	28	57	0	0	0.00
Durham, NC	6,852	8,238	26,998	17,960	4,422	50,918	6,366	309	25	73	2,082	520	13.21
Fayetteville, NC	9,058	7,451	31,774	20,891	4,603	51,773	12,269	588	89	124	3,586	883	16.64
Gastonia, NC	6,630	5,152	17,522	11,736	3,549	29,121	8,203	573	62	77	2,070	621	19.33
Goldboro, NC	2,807	2,413	9,025	5,972	1,555	15,304	3,502	153	6	49	0	0	0.00
Greensboro, NC	9,834	7,035	26,455	22,594	6,252	53,347	8,179	745	65	74	4,030	969	23.65
Hickory, NC	4,750	2,263	10,015	8,202	2,402	16,759	5,745	358	20	55	0	0	0.00
High Point, NC	6,310	4,865	15,731	12,053	3,686	28,808	7,017	437	53	69	1,924	693	19.20
Jacksonville, NC	2,300	1,713	8,864	5,273	1,180	13,249	3,608	152	21	63	0	0	0.00
Raleigh, NC	12,730	6,557	31,034	28,655	8,116	62,780	10,704	838	40	99	3,868	918	18.71
Wilmington, NC	4,894	4,531	14,577	10,717	2,713	25,986	6,206	304	42	77	1,182	326	13.32
Winston-Salem, NC	10,353	8,993	28,176	21,133	6,294	53,857	10,024	640	75	109	3,912	945	22.85
Bismarck-Mandan, ND	4,817	1,960	10,606	7,376	2,119	14,395	6,873	661	132	30	0	0	0.00
Fargo-Moorhead, ND-MN	6,278	3,876	17,885	12,634	3,515	29,974	7,235	617	84	45	1,242	439	11.87
Grand Forks, ND-MN	3,063	2,189	8,814	6,212	1,390	14,026	4,095	436	48	17	0	0	0.00
Akron, OH	28,884	21,920	86,248	63,163	18,090	158,874	28,099	2,203	245	216	8,462	2,416	16.40
Canton, OH	13,405	10,126	39,995	31,506	8,253	74,354	14,635	767	124	93	3,823	1,253	15.59
Cincinnati, OH-KY	55,699	69,243	173,736	130,468	36,983	355,811	50,904	3,364	351	420	19,405	3,783	17.28
Cleveland, OH	80,562	101,683	277,252	212,301	56,416	579,721	63,263	4,162	506	629	31,021	5,930	17.70
Columbus, OH	41,866	39,840	140,432	104,994	26,326	267,012	41,584	2,758	238	305	12,813	2,708	15.37
Dayton, OH	33,952	24,819	95,848	78,148	20,499	182,553	34,427	2,143	191	248	9,826	2,506	16.51
Hanilton, OH	6,022	4,583	16,527	13,604	3,340	30,575	6,971	458	50	45	1	1	0.01
Lima, OH	3,392	3,367	11,787	8,063	2,132	21,175	3,849	320	5	33	1,016	375	14.50
Lorain-Elyria, OH	13,335	6,756	32,255	29,265	7,787	60,812	13,935	1,209	107	144	1	1	0.00
Mansfield, OH	3,821	3,796	13,626	9,657	2,135	23,655	5,118	427	14	49	1,031	381	13.07
Middletown, OH	5,857	3,438	14,329	12,024	3,055	25,016	7,305	500	27	61	1,282	371	14.03
Newark, OH	2,979	2,139	9,200	6,382	1,638	15,492	3,549	282	36	28	0	0	0.00
Springfield, OH	3,906	4,734	14,751	10,268	2,301	27,499	4,203	300	52	27	993	351	11.46
Staubenville-Weirton, OH-WV-PA	3,724	4,392	12,727	9,398	1,969	23,248	4,848	378	12	45	962	367	12.41
Toledo, OH-MI	23,762	22,901	81,759	58,444	14,763	150,940	25,090	1,709	128	176	7,323	1,719	15.08
Youngstown-Warren, OH	20,444	16,562	59,695	47,876	13,865	118,678	17,969	1,254	97	149	6,337	1,821	16.54
Enid, OK	3,861	1,862	9,903	6,242	1,555	13,006	5,775	677	104	35	0	0	0.00
Lawton, OK	5,073	3,191	15,045	9,165	2,179	21,351	7,412	727	90	54	1,181	398	12.28
Oklahoma City, OK	52,802	20,967	118,457	91,169	26,752	188,757	61,551	6,264	773	449	14,586	3,521	21.61
Tulsa, OK	33,051	15,495	81,912	59,552	16,049	127,824	41,084	3,664	436	269	9,911	2,486	22.36
Eugene, OR	14,211	8,890	35,077	20,994	5,748	47,453	21,075	2,017	164	62	1,904	817	10.43
Medford, OR	4,599	2,346	9,652	6,445	1,618	12,321	6,904	774	62	24	0	0	0.00
Portland, OR-WA	74,031	55,478	191,923	125,417	33,156	296,595	100,518	8,031	830	349	13,759	4,676	13.41
Salem, OR	8,924	5,681	26,627	15,339	3,693	36,844	13,302	1,084	110	52	1,434	635	10.56
Allentown-Bethlehem-Easton, PA-NJ	16,903	21,804	63,611	45,694	11,166	124,625	16,613	943	94	127	6,280	1,644	16.46
Altoona, PA	2,838	4,937	14,718	7,848	1,646	24,727	4,181	228	13	27	1,091	368	13.84

URBANIZED AREA	AUTOMOBILES AVAILABLE				TRUCKS OR VANS AVAILABLE				URBANIZED AREA LAND AREA (SQ. MILES)	1980			
	3+	NONE	1	2	3+	NONE	1	2		DAILY TOTAL VMT (1000)	1980 TOTAL MILAGE	DAILY VMT PER CAPITA	
Erie, PA	5,889	10,806	32,867	17,208	3,496	55,934	7,944	456	43	50	1,980	726	11.10
Harrisburg, PA	13,346	15,683	49,371	33,135	8,427	91,258	14,480	768	110	137	5,334	1,267	19.15
Johnstown, PA	3,108	6,901	17,215	8,362	1,734	29,569	4,409	225	9	36	1,235	470	13.68
Lancaster, PA	6,464	8,864	26,276	17,692	4,108	49,296	7,102	513	29	66	2,089	671	13.31
Monessen, PA	2,396	5,302	12,638	6,044	1,275	21,184	3,807	241	27	41	0	0	0.00
Philadelphia, PA-HJ	142,809	332,167	621,163	393,143	100,411	1,312,324	126,702	6,997	861	1,015	49,703	9,816	12.08
Pittsburgh, PA	62,508	139,420	319,662	176,117	37,764	587,051	80,540	4,907	465	713	25,960	7,308	14.34
Reading, PA	7,123	13,969	30,453	18,477	4,607	59,814	7,259	375	58	52	2,421	626	13.96
Scranton-Wilkes-Barre, PA	13,339	31,536	72,473	38,602	8,304	134,392	15,792	844	87	197	4,788	2,015	11.77
Sharon, PA-OM	1,697	3,024	9,903	5,313	903	16,456	2,538	142	7	20	0	0	0.00
State College, PA	1,379	2,664	7,725	3,890	921	13,569	1,531	100	0	14	0	0	0.00
Williamsport, PA	2,125	4,245	11,494	5,157	1,107	18,527	3,297	175	4	23	822	293	14.01
York, PA	6,411	7,285	21,769	16,553	3,872	41,733	7,170	530	46	48	2,268	649	17.48
Neuport, RI	1,726	2,660	8,796	5,491	1,015	15,796	2,087	73	6	23	0	0	0.00
Providence-Pawtucket-Warwick, RI-MA	33,465	45,144	136,208	85,674	22,522	255,912	31,343	2,071	222	282	11,289	3,204	14.17
Anderson, SC	2,940	3,051	8,285	5,716	1,481	14,856	3,492	165	20	34	0	0	0.00
Charleston, SC	15,195	14,224	48,912	35,840	8,397	86,639	19,465	1,177	92	210	3,769	1,100	11.48
Columbia, SC	16,146	11,006	43,268	37,407	9,969	84,649	16,000	913	88	172	4,632	1,360	14.86
Florence, SC	2,852	2,566	8,259	6,321	1,747	15,308	3,438	141	6	42	0	0	0.00
Greenville, SC	13,722	10,267	34,649	28,879	8,039	65,924	15,067	765	78	141	2,817	908	12.29
Rock Hill, SC	2,737	2,229	7,381	5,888	1,523	13,672	3,189	149	11	39	0	0	0.00
Spartanburg, SC	5,443	5,661	15,190	11,632	3,046	28,896	6,204	400	29	77	1,571	636	15.58
Rapid City, SD	4,112	1,714	9,743	5,416	1,714	11,337	6,374	767	109	26	0	0	0.00
Sioux Falls, SD	6,065	3,024	14,708	11,442	3,262	24,853	6,911	574	98	42	1,342	404	15.65
Bristol, TN-Bristol, VA	3,476	3,005	8,656	6,603	1,752	15,499	4,211	300	6	52	0	0	0.00
Chattanooga, TN-GA	18,658	14,319	49,833	35,113	9,560	83,230	23,877	1,527	191	248	5,176	1,113	17.15
Clarksville, TN-KY	3,420	2,536	11,563	6,763	1,416	16,762	5,078	375	63	56	1,111	360	14.35
Jackson, TN	2,405	3,188	8,458	5,889	1,047	15,015	3,330	212	25	38	0	0	0.00
Johnson City, TN	5,137	3,805	12,139	9,585	2,709	22,074	5,772	324	68	61	0	0	0.00
Kingsport, TN-VA	6,335	3,383	13,913	12,600	3,073	24,060	8,387	472	50	93	1,955	720	21.75
Knoxville, TN	17,485	14,426	48,578	35,032	9,490	85,575	20,554	1,308	89	197	4,122	839	14.48
Memphis, TN-AR-MS	37,787	45,192	122,021	85,203	18,820	220,450	47,316	3,168	302	296	11,785	1,896	15.21
Nashville-Davidson, TN	30,711	23,146	85,618	63,949	17,521	153,239	34,869	1,972	154	413	9,885	1,757	19.06
Abilene, TX	7,683	2,397	16,483	12,070	3,587	33,922	9,558	859	118	81	1,855	640	18.59
Anarillo, TX	12,721	4,033	25,427	20,753	6,003	39,784	14,876	1,399	157	80	2,739	960	18.35
Austin, TX	24,740	13,728	69,591	48,328	12,542	111,629	29,922	2,361	277	141	6,234	1,456	16.41
Beaumont, TX	8,192	5,861	21,048	14,281	3,708	32,163	11,597	1,044	94	81	2,490	701	20.14
Brownsville, TX	3,324	4,187	12,474	6,281	1,482	18,663	5,196	492	73	31	804	289	8.78
Bryan-College Station, TX	5,996	2,675	13,514	9,785	2,729	20,567	7,233	828	75	48	1,150	404	13.85
Corpus Christi, TX	16,938	7,835	38,289	27,318	7,485	56,678	21,864	2,133	252	140	4,559	1,178	18.55
Dallas-Fort Worth, TX	190,012	72,783	395,195	328,927	100,557	670,513	205,172	19,764	2,013	1,280	52,981	13,079	21.61
El Paso, TX	25,285	17,637	61,848	41,034	13,286	99,632	30,792	3,074	307	168	5,934	1,400	13.07
Galveston, TX	2,587	5,046	12,441	5,219	1,098	19,224	4,282	269	29	29	924	332	15.04
Harlingen-San Benito, TX	3,015	2,755	10,666	5,538	1,231	14,554	4,650	344	42	41	818	366	12.26
Houston, TX	164,217	80,445	408,412	303,699	76,817	641,513	206,138	19,458	2,264	1,049	49,728	9,722	20.62
Killeen, TX	3,140	2,400	13,089	5,937	1,359	17,658	4,694	381	52	40	770	230	8.74
Laredo, TX	3,896	5,668	12,033	5,516	1,579	17,520	6,376	757	143	22	871	356	9.16

URBANIZED AREA	URBANIZED TOTAL POPULATION	MSA TOTAL POPULATION	MSA PLACE OF WORK			MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										
			WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPOL CAR	CARPOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV.VEH.	DRIVE ALONE
Longview, TX	69,787	151,752	50,250	4,743	10,588	32,776	19,268	6,068	4,423	1,296	30	11	0	289	31,055	25,336
Lubbock, TX	175,373	211,651	87,298	3,354	8,280	83,812	52,436	9,429	12,833	2,587	842	33	0	1,149	77,285	61,865
McAllen-Pharr-Edinburg, TX	157,402	283,229	76,871	4,204	11,354	54,434	30,830	6,937	9,183	2,814	382	0	0	841	49,764	37,767
Midland, TX	71,696	82,636	33,848	2,842	4,220	35,535	22,140	4,724	5,101	1,395	168	0	0	585	33,360	26,864
Odessa, TX	101,520	115,374	43,332	5,217	7,262	48,947	28,942	8,650	5,866	2,944	6	0	0	470	46,402	37,592
Port Arthur, TX	118,673	1	1	1	1	44,149	24,901	7,234	7,363	2,141	188	5	0	420	41,639	32,135
San Angelo, TX	74,006	84,784	35,871	1,125	3,423	35,330	19,828	5,222	5,079	1,409	195	0	0	574	31,538	25,050
San Antonio, TX	944,621	1,071,954	404,450	8,860	35,780	395,748	221,657	42,523	63,844	13,900	20,068	13	0	4,821	341,924	264,180
Sherman-Denison, TX	56,416	89,796	32,115	2,996	4,076	25,715	15,671	3,672	3,983	767	7	0	0	249	24,093	19,343
Temple, TX	53,202	1	1	1	1	22,587	13,680	3,685	3,205	663	7	0	11	139	21,233	17,365
Texarkana, TX-AR	63,614	127,019	39,668	2,307	6,565	24,851	14,507	3,268	4,766	868	42	0	0	269	23,409	17,775
Texas City-La Marque, TX	109,078	1	1	1	1	49,375	26,144	8,887	9,207	2,694	124	0	0	484	46,932	35,031
Tyler, TX	72,718	128,366	46,813	3,818	5,677	32,965	21,501	4,549	4,400	894	79	0	0	402	31,344	26,050
Victoria, TX	50,720	68,807	23,709	3,968	2,995	22,978	12,440	3,255	4,565	1,375	117	0	0	264	21,635	15,695
Waco, TX	134,567	170,755	62,219	2,806	7,020	56,606	35,667	7,565	7,857	1,460	604	6	0	673	52,549	43,232
Wichita Falls, TX	94,684	130,664	55,957	1,570	5,653	46,256	25,889	5,577	6,417	1,425	453	9	0	682	39,308	31,466
Ogden, UT	205,629	1	1	1	1	83,318	43,004	11,214	17,099	3,698	2,627	8	0	1,430	75,015	54,218
Provo-Oren, UT	169,635	218,106	64,104	6,847	4,909	60,491	30,069	8,086	9,320	2,898	379	0	0	1,496	50,373	38,155
Salt Lake City, UT	674,249	936,255	362,410	7,015	24,908	288,634	155,609	36,248	50,349	11,110	15,594	17	19	5,142	253,316	191,857
Burlington, VT	76,656	114,018	46,040	2,986	3,277	35,411	17,245	1,899	7,302	664	1,598	7	14	716	27,110	19,144
Charlottesville, VA	59,439	113,568	46,549	2,394	5,182	28,287	14,218	1,567	4,896	657	1,603	0	7	385	21,338	15,785
Danville, VA	54,906	111,789	38,563	6,594	4,501	23,773	14,425	1,962	4,663	488	572	0	0	250	21,538	16,387
Lynchburg, VA	94,035	153,260	59,780	2,775	4,844	41,941	25,247	3,594	7,032	1,162	1,761	6	0	574	37,035	28,841
Newport News-Hampton, VA	328,802	364,449	138,459	9,574	16,993	150,040	81,736	10,627	31,308	5,689	6,639	19	0	1,576	129,360	92,363
Norfolk-Portsmouth, VA	771,218	806,951	296,814	38,560	35,068	355,294	184,344	27,076	65,496	12,889	16,121	46	70	4,089	289,805	211,420
Petersburg-Colonial Heights, VA	106,305	129,296	42,889	9,192	4,296	46,220	24,762	4,043	8,925	1,730	1,242	0	0	365	39,460	28,805
Richmond, VA	491,678	632,015	262,736	14,123	26,100	236,290	136,610	16,215	45,806	5,370	19,768	42	0	2,207	204,001	152,825
Roanoke, VA	177,428	224,341	85,809	4,614	9,575	79,198	51,274	7,692	11,888	1,672	2,433	0	0	915	72,526	58,966
Bellingham, WA	50,985	106,701	37,280	1,864	3,764	20,986	10,480	2,521	2,540	758	1,037	0	0	595	16,299	13,001
Bremerton, WA	64,304	147,152	45,540	8,513	8,007	29,097	11,681	2,549	5,900	1,212	1,852	0	0	294	21,342	14,230
Longview, WA-OR	55,067	0	0	0	0	21,294	12,096	4,563	2,277	692	141	0	0	227	19,628	16,659
Olympia, WA	68,802	124,264	39,111	8,790	4,510	30,404	16,903	3,446	5,269	958	867	0	7	623	26,576	20,349
Richland-Kennewich, WA	112,166	144,469	55,667	2,717	6,221	52,430	26,917	5,910	11,604	2,754	1,423	0	16	928	47,185	32,827
Seattle-Everett, WA	1,393,872	1,607,469	699,454	18,502	54,320	686,425	370,827	62,731	105,740	16,839	71,992	120	14	13,215	556,137	433,558
Spokane, WA	267,063	341,835	126,120	3,463	10,249	110,337	62,961	13,955	15,643	3,103	5,491	0	0	2,241	95,662	76,916
Tacoma, WA	402,192	485,643	151,846	33,879	18,884	171,200	93,818	20,641	25,132	5,946	5,215	0	7	3,588	145,537	114,459
Yakima, WA	80,948	172,508	59,039	4,117	5,809	32,727	19,306	4,427	4,635	847	473	0	0	775	29,215	23,733
Charleston, WV	153,670	269,595	96,508	4,555	7,699	67,519	37,150	6,288	13,416	1,893	3,685	0	0	685	58,747	43,438
Huntington-Ashland, WV-KY-OH	179,940	311,350	94,248	6,202	7,561	66,160	39,057	7,236	10,691	1,765	1,032	0	0	775	58,749	46,293
Parkersburg, WV-OH	63,169	162,836	53,279	4,446	5,009	25,068	14,555	2,569	4,965	965	225	6	9	383	22,994	17,064
Wheeling, WV-OH	100,973	185,566	58,196	7,381	4,035	39,285	21,418	3,091	7,878	1,004	1,379	0	0	468	33,391	24,509
Appleton, WI	142,154	291,369	112,219	5,499	12,081	64,875	41,108	5,296	9,074	1,097	1,168	0	0	858	56,575	46,404
Beloit, WI-IL	50,807	1	1	1	1	21,526	12,858	1,759	4,104	488	302	0	6	367	19,209	14,617
Eau Claire, WI	72,198	130,932	46,158	2,638	5,014	31,163	17,989	2,223	4,530	587	1,079	0	0	666	25,329	20,212
Green Bay, WI	142,763	175,280	67,001	3,507	5,953	63,749	39,791	5,474	9,455	1,155	2,112	0	0	1,039	55,875	45,265
Janesville, WI	51,641	139,420	44,413	7,056	3,533	19,487	12,065	1,553	3,391	426	376	0	0	300	17,435	13,618

URBANIZED AREA	AUTOMOBILES AVAILABLE					TRUCKS OR VANS AVAILABLE					URBANIZED AREA LAND AREA (SQ. MILES)	1980	1980 TOTAL MILEAGE	DAILY VMT PER CAPITA
	3+	NONE	1	2	3+	NONE	1	2	3+	DAILY TOTAL (1000)				
Longview, TX	6,014	2,148	11,586	8,752	2,712	16,188	8,134	822	54	53	0	0	0.00	
Lubbock, TX	12,638	3,972	28,128	22,891	6,235	45,127	14,650	1,315	134	94	3,297	1,092	18.80	
McAllen-Pharr-Edinburg, TX	6,870	5,790	22,565	12,418	3,190	32,533	10,463	847	120	63	1,771	693	11.25	
Midland, TX	6,174	1,442	11,502	10,048	2,927	17,990	7,119	706	104	36	1,327	605	18.51	
Odessa, TX	8,862	2,555	17,341	12,312	3,959	22,637	12,137	1,239	154	45	1,515	554	14.92	
Port Arthur, TX	8,703	4,110	20,775	14,010	3,712	28,310	13,119	1,065	113	94	1,880	752	15.84	
San Angelo, TX	5,835	2,364	13,307	8,762	2,469	18,046	7,853	906	97	38	950	406	12.84	
San Antonio, TX	55,772	38,903	141,853	99,009	27,431	230,855	69,256	6,580	705	354	15,703	3,818	16.62	
Sherman-Denison, TX	4,121	2,154	10,908	6,851	1,880	15,504	5,665	564	60	48	1,026	491	18.19	
Temple, TX	3,690	2,309	9,976	5,786	1,703	14,141	5,017	554	62	48	0	0	0.00	
Texarkana, TX-AR	3,947	3,306	12,088	6,586	1,746	17,278	5,924	508	16	42	1,244	583	19.56	
Texas City-La Marque, TX	9,106	3,195	17,625	12,591	3,748	21,941	13,848	1,257	113	120	1,920	785	17.60	
Tyler, TX	5,486	2,555	12,587	9,224	2,569	19,393	6,937	547	58	36	1,483	437	20.39	
Victoria, TX	3,713	1,612	8,206	5,859	1,555	11,536	5,241	443	12	20	0	0	0.00	
Waco, TX	9,591	5,297	23,236	15,860	4,522	35,611	12,022	1,153	129	108	2,459	905	18.27	
Wichita Falls, TX	6,784	2,978	16,439	11,303	3,103	24,073	8,809	841	100	51	1,715	634	18.11	
Ogden, UT	17,657	5,230	29,509	22,324	7,123	37,295	24,126	2,538	227	130	3,160	832	15.37	
Provo-Orem, UT	13,208	2,910	22,002	14,291	6,499	28,065	15,408	1,976	253	78	2,452	597	14.45	
Salt Lake City, UT	56,447	18,887	97,552	75,339	25,045	137,357	71,046	7,523	897	303	11,218	2,259	16.64	
Burlington, VT	2,459	4,127	13,183	7,284	1,479	22,634	3,262	164	13	48	0	0	0.00	
Charlottesville, VA	2,936	3,163	9,973	6,668	1,842	18,789	2,628	174	55	20	0	0	0.00	
Danville, VA	2,849	3,992	9,231	6,070	1,550	17,189	3,436	188	30	31	0	0	0.00	
Lynchburg, VA	5,459	4,737	13,948	10,677	2,948	25,584	6,252	424	50	89	1,311	423	13.94	
Newport News-Hampton, VA	16,473	14,019	51,122	37,692	8,935	90,108	20,259	1,314	87	196	3,729	934	11.34	
Norfolk-Portsmouth, VA	36,150	35,672	115,572	82,698	20,198	206,040	44,998	2,819	283	418	12,288	2,869	15.93	
Petersburg-Colonial Heights, VA	5,206	5,878	15,974	10,599	2,642	27,916	6,775	368	34	62	1,980	443	18.63	
Richmond, VA	24,916	27,922	81,696	59,509	14,239	153,472	27,844	1,796	254	251	8,229	1,828	16.74	
Roanoke, VA	10,791	9,452	29,751	22,185	5,952	54,117	12,303	789	131	90	2,105	824	11.86	
Bellingham, WA	3,687	3,019	10,039	5,631	1,611	14,228	5,617	442	13	26	0	0	0.00	
Bremerton, WA	4,366	3,606	12,648	6,176	1,661	16,125	7,159	749	58	35	0	0	0.00	
Longview, WA-OR	4,994	2,551	10,311	6,482	1,913	12,741	7,761	690	65	33	0	0	0.00	
Olympia, WA	5,208	3,003	13,486	8,360	2,183	18,837	7,484	643	68	42	0	0	0.00	
Richland-Kennewich, WA	10,795	2,695	18,445	14,745	4,754	24,784	14,223	1,497	135	69	1,932	652	17.22	
Seattle-Everett, WA	114,591	68,427	242,144	176,601	59,289	398,464	134,191	12,465	1,341	495	24,163	5,805	17.34	
Spokane, WA	20,988	13,590	51,048	31,291	8,659	71,680	29,768	2,883	257	107	4,833	1,598	18.10	
Tacoma, WA	30,335	17,390	70,878	45,195	12,824	99,793	42,376	3,656	462	187	6,174	2,115	15.35	
Yakima, WA	6,121	3,965	16,126	9,107	2,571	22,162	8,741	747	119	33	975	387	12.04	
Charleston, WV	7,471	9,793	29,060	17,718	3,554	47,766	11,656	647	56	66	2,873	804	18.70	
Huntington-Ashland, WV-KV-OH	9,159	11,638	32,662	19,302	4,506	53,541	13,537	983	47	75	2,703	872	15.02	
Parkersburg, WV-OH	3,267	4,002	11,780	7,227	1,356	19,096	4,959	283	27	21	703	300	11.13	
Wheeling, WV-OH	3,966	8,773	18,436	9,886	2,129	32,704	6,106	381	33	37	1,287	416	12.75	
Appleton, WI	6,456	4,311	24,561	17,477	3,782	41,259	8,325	490	57	49	1,723	666	12.12	
Beloit, WI-IL	2,405	2,223	8,918	6,193	1,260	15,193	3,082	290	29	25	0	0	0.00	
Eau Claire, WI	3,184	3,132	12,994	7,911	1,841	21,163	4,475	223	17	42	0	0	0.00	
Green Bay, WI	6,410	5,495	24,677	16,852	3,423	41,164	8,758	467	58	86	1,954	756	13.69	
Janesville, WI	2,690	2,006	8,841	6,272	1,428	14,552	3,659	322	14	23	0	0	0.00	

URBANIZED AREA	URBANIZED TOTAL POPULATION	SMSA TOTAL POPULATION	SMSA PLACE OF WORK			MEANS OF TRANSPORTATION TO WORK IN URBANIZED AREA										
			WORK IN AREA OF RESIDENCE	WORK OUT AREA OF RESIDENCE	WORK PLACE NOT REPORTED	TOTAL WORKERS >16 YRS	DRIVE ALONE CAR	DRIVE ALONE TRK/VAN	CARPOOL CAR	CARPOOL TRK/VAN	PUBLIC TRANSP. BUS	PUBLIC TRANSP. SUBWAY	PUBLIC TRANSP. RAILROAD	WORKED AT HOME	TOTAL WORKERS PRIV.VEH.	DRIVE ALONE
Kenosha, WI	85,783	123,137	36,031	12,507	4,425	37,290	22,934	2,593	7,032	686	1,026	0	92	270	33,245	25,527
La Crosse, WI-MN	67,964	91,056	36,295	1,747	3,123	31,765	16,341	2,371	4,999	662	1,442	6	0	601	24,373	18,712
Madison, WI	213,659	323,545	149,763	6,080	10,007	114,405	53,198	4,584	19,262	1,307	15,131	0	4	2,019	78,351	57,782
Milwaukee, WI	1,206,833	1,397,143	585,363	10,316	47,328	556,458	332,829	26,007	97,438	6,350	48,415	47	95	7,131	462,624	358,836
Oshkosh, WI	52,824	1	1	1	1	23,518	14,118	1,609	3,542	295	624	0	0	285	19,564	15,727
Racine, WI	119,016	173,132	58,512	12,598	6,191	53,005	33,516	3,541	9,054	988	1,534	0	40	596	47,089	37,057
Sheboygan, WI	58,468	100,935	39,160	3,087	4,189	27,289	15,036	1,647	5,523	403	1,267	5	0	523	22,609	16,683
Wausau, WI	52,986	111,270	40,213	4,056	4,128	23,963	13,879	2,087	4,123	608	847	0	0	326	20,697	15,966
Casper, WY	59,066	71,856	30,395	2,286	3,257	29,451	15,331	5,652	4,496	1,491	94	0	0	553	26,970	20,983
Cheyenne, WY	58,395	0	0	0	0	28,131	15,331	4,530	4,815	1,182	47	0	11	397	25,858	19,861
U.S. TOTALS (366 UZA)	139,182,696	169,430,577	63,125,884	4,776,958	6,526,116	61,830,962	35,021,057	4,530,155	9,969,763	1,342,175	3,699,111	1,524,302	522,090	834,300	50,863,150	39,551,212
Aguadilla, PR	59,691	0	0	0	0	12,058	6,258	227	1,108	54	137	2,195	14	141	7,647	6,485
Arecibo, PR	75,941	140,608	21,415	3,611	2,153	15,734	8,456	346	2,016	38	96	2,201	0	249	10,856	8,802
Caguas, PR	157,054	173,961	24,012	11,311	4,097	36,714	19,718	706	3,957	208	1,812	6,003	0	405	24,589	20,424
Mayaguez, PR	98,063	133,497	27,222	2,796	3,688	25,546	13,137	418	3,510	81	164	3,545	6	203	17,146	13,555
Ponce, PR	168,289	253,285	42,331	4,149	4,294	36,458	20,915	482	4,032	150	388	5,852	6	418	25,579	21,397
San Juan, PR	1,081,221	1,086,376	232,034	15,610	45,025	291,354	171,496	5,572	33,641	1,433	22,282	24,700	225	2,995	212,142	177,068
Vega Baja-Manati, PR	79,736	0	0	0	0	17,545	9,024	309	1,995	76	137	3,204	0	195	11,404	9,333

URBANIZED AREA	PRIVATE VEHICLE OCCUPANCY					TRAVEL TIME TO WORK								LABOR FORCE STATUS			
	2 PERSON CARPOOL	3 PERSON CARPOOL	4 PERSON CARPOOL	5+ PERSON CARPOOL	PERSONS PER PRIV. VEH.	WORKERS NOT WORK AT HOME	<10 MINUTES	10 - 19 MINUTES	20 - 29 MINUTES	30 - 44 MINUTES	45+ MINUTES	MEAN, 45+	ARMED FORCES	CIVILIAN EMPLOYED	TOTAL FAMILIES	<5,000	
Kenosha, WI	5,820	1,287	422	189	1.15	36,209	7,950	17,718	5,271	3,434	1,836	16.2	57.5	82	38,490	22,282	1,046
La Crosse, WI-MN	4,208	962	357	134	1.15	30,299	7,685	15,178	5,031	1,573	832	14.2	62.5	43	32,307	15,885	722
Madison, WI	15,516	3,079	1,280	694	1.17	112,136	20,498	48,342	25,861	12,495	4,940	17.5	60.7	93	116,712	47,894	1,913
Milwaukee, WI	80,373	16,157	5,378	1,880	1.14	550,085	85,604	205,533	145,121	83,336	30,491	19.2	56.8	865	571,778	311,940	15,250
Oshkosh, WI	3,077	525	130	105	1.12	23,070	6,655	12,189	2,411	1,367	448	13.1	63.1	36	24,230	12,643	414
Racine, WI	8,217	1,294	365	166	1.13	52,001	11,435	25,271	8,888	4,152	2,255	15.9	57.8	96	54,197	31,338	1,512
Sheboygan, WI	4,512	941	328	145	1.17	26,943	8,148	14,798	2,250	1,107	640	12.8	65.3	10	27,947	15,812	448
Wausau, WI	3,629	736	254	112	1.14	23,233	6,314	12,491	3,147	851	430	13.1	62.0	23	24,450	14,208	581
Casper, WY	3,983	899	560	545	1.15	28,883	6,428	15,685	3,491	1,268	2,011	17.0	75.5	37	30,286	15,566	452
Cheyenne, WY	4,793	776	238	190	1.14	28,103	7,439	16,541	2,740	449	934	13.5	76.8	3,423	25,364	15,523	857
U.S. TOTALS (366 UZA)	8,196,295	1,895,543	744,223	475,877	1.14	61,035,269	8,627,901	20,934,785	13,244,375	10,941,521	7,286,687	22.5	59.1	1,159,959	62,406,577	35,785,119	2,464,927
Aguadilla, PR	826	134	85	117	1.10	11,510	2,147	4,817	2,245	1,304	997	20.0	72.1	0	12,427	14,371	1,680
Arecibo, PR	1,524	182	243	105	1.12	15,668	2,994	6,541	2,095	2,179	1,859	21.9	73.0	19	16,201	18,782	1,991
Caguas, PR	2,789	661	366	349	1.11	36,127	4,024	11,910	5,144	7,729	7,320	27.2	62.3	17	38,195	37,586	3,703
Mayaguez, PR	2,558	507	324	202	1.13	24,950	3,756	10,451	4,957	4,138	1,648	19.5	61.9	19	26,407	23,927	2,139
Ponce, PR	3,005	512	342	232	1.10	35,957	4,271	13,754	7,978	6,941	3,013	21.7	65.4	24	37,334	38,908	4,599
San Juan, PR	25,641	5,012	2,508	1,913	1.10	289,754	27,015	76,721	53,097	74,075	58,846	28.4	61.9	1,033	300,997	266,648	24,617
Vega Baja-Manati, PR	1,505	299	148	119	1.11	17,446	2,985	6,336	2,639	2,592	2,894	24.2	65.7	0	18,252	19,011	1,910

URBANIZED AREA	FAMILY INCOME IN 1979									SMSA	SMSA	UZA	UZA	NONE		
	5,000- 7,499	7,500- 9,999	10,000- 14,999	15,000- 19,999	20,000- 24,999	25,000- 34,999	35,000- 49,999	50,000+	MEDIAH	SMSA RENTER OCCUPIED HOUSING UNITS	SMSA RENTER OCCUPIED HOUSING UNITS	UZA RENTER OCCUPIED HOUSING UNITS	UZA RENTER OCCUPIED HOUSING UNITS			
Kenosha, WI	1,049	1,183	2,583	3,282	3,699	5,387	3,074	979	\$22,610	45,981	12,697	43,064	32,286	10,383	30,837	3,194
La Crosse, WI-MN	967	1,066	2,774	2,721	2,766	3,170	1,155	544	\$19,428	33,062	10,846	32,017	25,621	9,783	24,803	3,184
Madison, WI	2,089	2,398	6,131	6,959	7,504	10,792	6,602	3,506	\$22,834	125,611	53,449	120,601	88,319	44,280	84,869	12,550
Milwaukee, WI	14,568	15,772	35,191	42,119	48,860	76,162	43,639	20,379	\$23,312	519,353	199,911	500,684	458,221	186,959	441,654	71,081
Oshkosh, WI	732	985	2,067	2,277	2,165	2,367	1,257	379	\$19,668	1	1	1	20,000	7,404	19,221	2,252
Racine, WI	1,409	1,583	3,315	4,307	5,143	7,917	4,285	1,867	\$23,401	61,626	18,187	59,418	43,974	14,477	42,447	5,290
Sheboygan, WI	757	1,201	1,925	2,922	3,124	3,486	1,322	627	\$20,988	36,711	10,134	35,484	22,584	7,338	21,915	2,697
Wausau, WI	729	933	1,983	2,439	2,689	3,094	1,166	594	\$20,770	39,320	9,057	37,703	20,539	6,326	19,789	2,197
Casper, WY	632	577	1,388	1,945	2,384	4,200	2,632	1,356	\$25,772	27,900	7,033	25,841	23,349	6,479	21,713	816
Cheyenne, WY	842	1,060	2,556	2,294	2,203	3,182	1,741	788	\$20,303	0	0	0	23,435	7,729	21,851	1,343
U.S. TOTALS (366 UZA)	1,964,470	2,213,406	4,801,193	5,076,756	5,067,413	7,284,592	4,468,809	2,443,553	\$21,243	64,632,172	23,241,147	60,497,589	53,824,097	21,084,434	50,549,711	7,845,999
Aguadilla, PR	2,018	3,197	2,592	1,562	1,158	795	1,056	313	\$5,246	0	0	0	17,953	5,651	16,509	7,404
Arecibo, PR	2,704	4,232	3,236	2,044	1,590	822	1,590	573	\$5,337	42,665	7,925	38,711	23,344	5,695	21,399	8,782
Caguas, PR	4,212	6,993	6,991	4,602	3,252	2,205	4,445	1,183	\$6,398	50,886	10,755	46,294	46,570	10,677	42,491	16,867
Mayaguez, PR	2,601	4,344	4,261	2,907	2,279	1,378	2,755	1,263	\$6,669	42,565	13,397	37,893	31,925	11,625	28,464	10,899
Ponce, PR	4,426	6,919	6,702	4,192	3,293	2,133	4,650	1,994	\$6,268	71,121	17,571	64,684	48,611	13,759	44,659	17,749
San Juan, PR	21,547	40,212	42,615	29,466	25,808	17,505	41,383	23,495	\$7,868	345,872	101,326	311,944	344,360	100,757	310,644	100,274
Vega Baja-Manati, PR	2,268	3,741	3,585	2,362	1,720	1,202	1,879	344	\$6,087	0	0	0	23,928	4,911	21,330	8,799

URBANIZED AREA	VEHICLES AVAILABLE			AUTOMOBILES AVAILABLE			TRUCKS OR VANS AVAILABLE			URBANIZED AREA LAND AREA (SQ. MILES)	1980 DAILY TOTAL VMT (<1000)	1980 TOTAL MILEAGE	DAILY VMT PER CAPITA		
	1	2	3+	NONE	1	2	3+	NONE	1					2	3+
Kenosha, WI	12,745	10,826	4,072	3,563	14,969	9,904	2,401	25,708	4,749	329	51	22	858	326	10.00
La Crosse, WI-MN	10,306	8,109	6,204	3,561	12,179	7,277	1,786	20,438	3,957	368	40	27	747	313	10.99
Madison, WI	38,446	25,961	7,912	13,408	42,529	23,988	4,944	75,155	9,115	541	58	77	3,055	788	14.30
Milwaukee, WI	175,256	144,693	50,624	74,614	195,041	137,681	34,318	392,121	46,196	3,033	304	496	21,238	4,461	17.60
Oshkosh, WI	8,684	6,123	2,162	2,502	9,858	5,601	1,260	16,441	2,639	128	13	18	571	221	10.81
Racine, WI	16,776	15,227	5,154	5,711	19,582	14,109	3,045	36,187	5,947	309	4	35	1,119	424	9.40
Sheboygan, WI	9,974	6,968	2,276	2,940	11,200	6,317	1,458	19,141	2,620	131	23	22	0	0	0.00
Wausau, WI	8,253	6,805	2,534	2,552	9,905	6,016	1,316	15,914	3,584	273	18	26	0	0	0.00
Casper, WY	6,093	8,486	6,318	1,474	10,588	7,173	2,478	11,434	8,747	1,329	203	22	0	0	0.00
Cheyenne, WY	7,042	8,311	5,155	2,124	10,919	6,649	2,159	13,004	7,730	954	163	27	0	0	0.00
U.S. TOTALS (366 UZA)	19,158,082	16,192,100	7,353,550	8,434,520	22,542,369	15,315,078	4,257,744	41,871,888	7,949,808	652,235	75,780	52,018			
Aguadilla, PR	6,861	1,929	315	7,681	6,932	1,720	176	15,739	756	5	9	22	0	0	0.00
Arecibo, PR	9,294	2,874	449	9,056	9,693	2,367	283	20,327	975	68	29	34	0	0	0.00
Caguas, PR	18,481	6,020	1,123	17,292	18,935	5,605	659	40,711	1,680	89	11	56	0	0	0.00
Mayaguez, PR	12,115	4,483	967	11,169	12,376	4,237	682	27,277	1,112	61	14	29	0	0	0.00
Ponce, PR	18,806	6,610	1,494	18,055	19,587	6,047	970	42,817	1,601	176	65	31	0	0	0.00
San Juan, PR	137,985	59,484	12,901	103,457	141,957	55,740	9,490	296,830	12,782	753	279	150	0	0	0.00
Vega Baja-Manati, PR	9,573	2,527	431	9,043	9,710	2,350	227	20,514	728	82	6	28	0	0	0.00

APPENDIX

Transportation Planning Data for Urbanized Areas

Based on 1960 Census

A Summary



APRIL 1971

U.S. DEPARTMENT OF TRANSPORTATION / Federal Highway Administration

Office of Highway Planning

Urban Planning Division

SAMPLE PAGE

Urbanized Area	Total Pop	Total No. House-Hold	Total Housg Units	% Rentr Occpd of Housg XX.X	Wkrs as % of Pop XX.X	Auto Per Hse-Hold XX.X	Pers Per Auto XX.X	Wkrs Per Auto XX.X	Pers Per Hse-Hold XX.X	Wkrs Per Hse-Hold XX.X	Percent of Workers Making Work Trip By			Percent of Household With				Percent of Families Earning				Median Income \$ XXXXXX
											Auto	Rail	Bus	0 Auto	1 Auto	2 Auto	3+ Auto	Less Than 5K \$	5K - 8K \$	8K - 15K \$	More Than 15K \$	
Abilene, Tex.	92611	26312	29189	368	338	13	27	9	35	12	936	0	28	108	512	341	40	450	314	195	40	5403
Akron, Ohio	448180	133848	140317	288	372	11	31	11	33	12	872	0	111	156	623	198	23	265	392	300	43	6685
Albany, Ga.	64625	17415	18270	571	321	10	39	12	37	12	857	0	58	272	519	194	15	567	253	151	29	4495
Albany-Schenectady-Troy, N.Y.	420909	136067	143891	481	389	8	37	14	31	12	775	5	201	289	596	102	13	357	348	248	47	6074
Albuquerque, N.M.	245855	67587	72252	323	334	13	29	10	36	12	907	1	66	116	562	283	40	346	318	281	56	6341
Allentown-Bethlehem, Pa.	226205	67785	70285	301	401	10	34	14	33	13	872	1	109	215	611	156	18	340	385	233	42	6065
Altoona, Pa.	80188	25139	26243	315	344	9	35	12	32	11	855	6	123	266	584	135	15	471	361	149	19	5170
Amarillo, Tex.	137958	40513	43114	366	360	13	27	10	34	12	933	1	43	114	546	305	35	378	347	225	50	5877
Ann Arbor, Mich.	115420	32732	34567	421	401	11	31	13	35	14	919	5	30	142	624	202	32	271	324	325	80	7018
Asheville, N.C.	65217	20728	22007	402	387	9	33	13	31	12	808	0	156	264	550	163	23	534	270	155	41	4703
Atlanta, Ga.	775418	226325	238535	444	398	10	33	13	34	14	742	1	237	241	501	232	27	409	288	242	61	5844
Atlantic City, N.J.	129887	43319	62632	425	368	8	39	14	30	11	719	13	224	379	489	117	16	484	290	183	43	5139
Augusta, Ga.	103372	29609	32003	462	349	9	39	14	35	12	836	1	127	325	487	168	20	580	243	150	26	4226
Aurora, Ill.	81433	24340	25096	309	423	11	31	13	33	14	842	33	99	153	648	178	21	224	399	323	54	7035
Austin, Tex.	191622	53609	57762	408	367	12	31	11	36	13	870	0	92	163	552	253	32	489	285	179	47	5096
Bakersfield, Calif.	131424	42021	43396	337	356	13	25	9	31	11	942	0	32	142	498	309	51	347	333	269	52	6323
Baltimore, Md.	1411992	405331	426835	379	382	9	41	16	35	13	722	3	257	311	545	129	16	342	351	258	48	6184
Baton Rouge, La.	191255	51817	55581	372	349	11	33	11	37	13	876	0	94	210	483	273	34	443	278	232	48	5587

Transportation Planning Data for Urbanized Areas

Based on 1970 Census

A Summary



1973

U.S. DEPARTMENT OF TRANSPORTATION / Federal Highway Administration
Office of Highway Planning
Urban Planning Division

Urbanized Area	Total Pop	Total No. House-Hold	Total Housg Units	% Rentr Occpd Housg	Wkrs as % of Pop	Auto Per Hse-Hold	Pers Per Auto	Wkrs Per Auto	Pers Per Hse-Hold	Wkrs Per Hse-Hold	Percent of Workers Making Work Trip By			Percent of Household With				Percent of Families Earning				Median Income \$
											Auto	Rail	Bus	0 Auto	1 Auto	2 Auto	3+ Auto	Less Than \$5000	\$5000-\$8000	\$8000-\$15000	More Than \$15000	
Abilene, Tex.	90536	27479	30999	31.6	42.8	1.4	2.3	1.0	3.3	1.4	86.9	0.5	0.7	7.9	49.1	35.2	7.8	25.6	26.0	36.6	11.8	7801
Akron, Ohio	542580	170225	176313	30.2	41.0	1.3	2.4	1.0	3.2	1.3	89.9	0.0	2.2	13.1	47.9	32.6	6.4	14.2	14.8	48.2	22.8	10753
Albany, Ga.	76569	21795	23184	50.3	41.4	1.2	2.9	1.2	3.5	1.5	85.6	0.0	2.0	21.0	41.9	31.0	6.1	29.5	22.8	34.0	13.6	7652
Albany-Schenectady-Troy, N.Y.	486822	161342	167774	41.2	42.4	1.1	2.8	1.2	3.0	1.3	77.6	0.1	9.6	21.9	53.2	21.7	3.2	13.8	17.1	44.6	24.5	10697
Albuquerque, N.Mex.	297331	89384	93245	34.2	39.0	1.4	2.4	0.9	3.3	1.3	89.7	0.0	2.5	10.3	46.6	34.7	8.5	19.9	19.6	37.9	22.6	9641
Allentown-Bethlehem-Easton, Pa.-N.J.	363509	119198	122784	30.6	43.7	1.2	2.5	1.1	3.0	1.3	82.6	0.1	3.7	17.4	47.8	29.6	5.2	13.5	18.4	48.8	19.3	10162
Altoona, Pa.	81225	27055	27962	27.9	38.5	1.1	2.6	1.0	3.0	1.2	82.4	0.3	5.4	20.1	50.7	24.5	4.7	23.0	26.0	39.4	11.6	8105
Amarillo, Tex.	127037	42361	48397	28.1	43.2	1.5	2.0	0.9	3.0	1.3	93.6	0.0	1.3	8.7	42.4	39.5	9.5	20.0	22.9	41.6	15.5	8867
Anderson, Ind.	80630	26688	28327	28.2	42.3	1.3	2.4	1.0	3.0	1.3	90.4	0.0	0.8	12.0	53.8	30.2	4.0	14.6	17.8	46.1	21.5	10209
Ann Arbor, Mich.	178561	53386	55688	46.0	46.3	1.4	2.5	1.1	3.3	1.6	78.9	0.1	2.4	9.9	50.7	33.2	6.3	11.0	12.8	41.0	35.2	12322
Appleton, Wis.	129433	37193	38092	25.2	39.4	1.3	2.7	1.1	3.5	1.4	83.9	0.0	1.7	10.5	55.1	30.5	3.9	11.6	13.2	53.6	21.7	10752
Asheville, N.C.	72665	24660	26262	32.4	42.9	1.1	2.6	1.1	2.9	1.3	86.1	0.1	6.8	22.6	45.8	27.6	4.0	27.3	23.7	34.9	14.0	7865
Atlanta, Ga.	1172144	366477	384321	43.7	44.8	1.4	2.3	1.0	3.2	1.4	84.2	0.0	10.4	15.6	39.2	37.5	7.7	16.5	16.4	40.8	26.4	10698
Atlantic City, N.J.	134090	48905	55941	37.4	39.4	0.9	2.9	1.2	2.7	1.1	71.7	0.4	11.8	32.8	43.7	20.2	3.3	24.0	21.0	36.1	18.8	8714
Augusta, Ga.	149128	45613	49031	37.3	38.3	1.2	2.6	1.0	3.3	1.3	88.1	0.0	4.6	19.3	43.5	31.0	6.2	24.8	22.9	37.7	14.5	8309
Aurora-Elgin, Ill.	232928	68719	70924	32.9	44.3	1.3	2.6	1.1	3.4	1.5	87.2	2.3	2.2	10.3	52.1	32.5	5.1	8.6	12.1	51.3	28.0	11915
Austin, Tex.	264550	81191	88350	43.6	43.3	1.4	2.3	1.0	3.3	1.4	86.9	0.0	3.7	10.1	47.4	34.6	7.9	21.1	20.8	37.8	20.3	9248
Bakersfield, Calif.	176123	56199	59134	33.6	37.7	1.4	2.2	0.8	3.1	1.2	92.5	0.0	1.1	11.9	44.9	34.8	8.5	23.7	17.8	39.7	18.9	9270
Baltimore, Md.	1579838	490182	511636	42.9	42.5	1.0	3.1	1.3	3.2	1.4	74.5	0.2	16.7	27.4	45.1	23.6	3.8	16.4	16.9	43.5	23.1	10349
Baton Rouge, La.	249116	72188	79003	32.7	38.5	1.4	2.5	1.0	3.5	1.3	87.8	0.0	3.5	12.8	42.2	37.6	7.4	22.8	17.5	38.8	20.9	9501
Bay City, Mich.	78356	24186	25184	20.7	39.0	1.3	2.5	1.0	3.2	1.3	91.0	0.0	1.0	11.8	52.5	30.0	5.7	14.5	15.2	48.6	21.7	10452
Baumont, Tex.	116621	37227	40267	34.0	40.7	1.3	2.4	1.0	3.1	1.3	88.5	0.0	3.9	15.5	42.7	35.0	6.7	24.3	19.4	37.3	19.0	8941

WALK TO WORK TRIPS COMPARISON

		PERCENT OF WORKERS MAKING WORK TRIPS BY									PERCENT OF WORKERS MAKING WORK TRIPS BY						
1980	URBANIZED AREA	WALKED TO WORK	TOTAL AUTO	RAIL	BUS	TOTAL TRUCK OR VAN	WALK	OTHER	1980	URBANIZED AREA	WALKED TO WORK	TOTAL AUTO	RAIL	BUS	TOTAL TRUCK OR VAN	WALK	OTHER
Anniston, AL		4,277	71.5%	0.0%	0.4%	12.2%	13.3%	2.5%	Salinas, CA		1,146	75.9%	0.0%	3.1%	14.7%	3.3%	3.0%
Auburn-Opelika, AL		1,534	77.3%	.0%	0.2%	11.0%	7.7%	3.7%	San Bernardino-Riverside, CA		9,324	75.1%	.0%	1.1%	17.4%	3.4%	3.1%
Birmingham, AL		5,255	82.3%	.0%	3.4%	11.4%	2.1%	0.8%	San Diego, CA		71,122	70.8%	.0%	3.4%	12.5%	9.3%	3.9%
Decatur, AL		384	80.6%	.0%	0.2%	16.5%	1.7%	1.0%	San Francisco-Oakland, CA		79,188	66.1%	3.2%	13.7%	8.8%	5.3%	3.0%
Dothan, AL		446	81.9%	0.0%	0.1%	14.3%	2.0%	1.8%	San Jose, CA		15,750	79.6%	0.7%	2.4%	10.9%	2.6%	3.8%
Florence, AL		763	79.2%	0.0%	0.3%	16.2%	2.6%	1.7%	Santa Barbara, CA		4,027	69.0%	.0%	5.0%	10.6%	5.7%	9.7%
Gadsden, AL		586	80.7%	0.0%	0.1%	15.9%	2.1%	1.2%	Santa Cruz, CA		3,045	70.3%	.0%	4.8%	13.8%	5.7%	5.3%
Huntsville, AL		2,727	83.4%	.0%	0.1%	11.0%	4.0%	1.5%	Santa Maria, CA		706	74.3%	0.0%	0.1%	18.9%	2.9%	3.7%
Mobile, AL		2,786	78.5%	.0%	2.1%	15.7%	2.4%	1.3%	Santa Rosa, CA		2,018	73.2%	0.0%	3.3%	15.9%	3.6%	4.1%
Montgomery, AL		2,331	82.4%	.0%	2.2%	11.0%	2.8%	1.5%	Seaside-Monterey, CA		9,955	66.5%	.0%	2.7%	9.4%	17.2%	4.1%
Tuscaloosa, AL		1,631	79.4%	0.0%	0.5%	13.9%	4.3%	2.0%	Simi Valley, CA		505	78.6%	.0%	1.0%	16.0%	1.4%	3.0%
Anchorage, AK		5,592	66.7%	.0%	3.1%	19.7%	6.8%	3.7%	Stockton, CA		2,254	77.2%	.0%	1.9%	15.0%	3.1%	2.9%
Phoenix, AZ		18,438	73.6%	.0%	2.0%	17.4%	3.0%	4.0%	Visalia, CA		728	74.4%	0.0%	0.2%	18.9%	2.9%	3.7%
Tucson, AZ		7,301	70.6%	.0%	3.4%	17.8%	3.9%	4.3%	Yuba City, CA		618	74.0%	0.0%	0.2%	20.0%	2.8%	3.0%
Yuma, AZ-CA		1,666	63.1%	0.0%	1.0%	21.8%	7.6%	6.6%	Boulder, CO		5,635	62.4%	0.0%	10.2%	8.3%	13.7%	5.5%
Fayetteville-Springdale, AR		2,045	71.2%	0.0%	1.3%	17.6%	7.5%	2.3%	Colorado Springs, CO		8,804	74.3%	.0%	2.2%	14.2%	7.1%	2.2%
Fort Smith, AR-OK		897	76.1%	.0%	0.1%	19.7%	2.4%	1.6%	Denver, CO		28,369	75.0%	.0%	6.4%	12.7%	4.3%	1.6%
Little Rock-North Little Rock, AR		3,369	81.0%	.0%	2.0%	13.1%	2.5%	1.4%	Fort Collins, CO		3,485	68.2%	0.1%	1.5%	15.0%	9.5%	5.7%
Pine Bluff, AR		608	73.6%	.0%	1.7%	20.7%	2.7%	1.3%	Grand Junction, CO		1,084	66.7%	0.0%	0.5%	22.8%	4.3%	5.7%
Antioch-Pittsburg, CA		735	74.1%	1.8%	1.1%	18.5%	2.2%	2.4%	Greeley, CO		1,983	70.7%	0.0%	1.4%	17.4%	7.5%	3.0%
Bakersfield, CA		1,975	72.9%	0.0%	1.3%	20.9%	2.1%	2.8%	Pueblo, CO		1,441	71.7%	.0%	2.0%	21.1%	3.6%	1.6%
Chico, CA		1,286	65.0%	0.1%	0.4%	16.3%	5.9%	12.4%	Bridgeport, CT		7,678	84.4%	1.2%	2.8%	6.4%	4.2%	1.0%
Fairfield, CA		1,363	75.2%	.0%	1.7%	13.3%	4.6%	5.2%	Bristol, CT		1,345	83.5%	.0%	1.9%	10.1%	3.3%	1.2%
Fresno, CA		3,529	76.4%	.0%	3.0%	15.2%	2.5%	2.8%	Danbury, CT-NY		1,534	84.2%	1.3%	0.8%	9.0%	3.4%	1.2%
Hemet, CA		688	69.9%	0.0%	0.2%	21.1%	4.7%	4.1%	Hartford, CT		13,714	79.1%	.0%	8.5%	5.5%	5.7%	1.2%
Lancaster, CA		517	75.8%	0.1%	4.0%	15.6%	2.2%	2.4%	Meriden, CT		1,350	83.4%	0.1%	1.5%	8.9%	5.0%	1.0%
Los Angeles-Long Beach, CA		149,152	77.9%	.0%	5.8%	10.2%	3.5%	2.6%	New Britain, CT		3,867	83.4%	0.1%	2.3%	7.2%	5.8%	1.3%
Modesto, CA		1,409	75.3%	.0%	0.9%	17.9%	2.3%	3.5%	New Haven, CT		11,344	78.4%	0.4%	6.5%	6.4%	6.9%	1.3%
Napa, CA		807	73.1%	0.0%	2.3%	18.0%	3.2%	3.5%	New London-Norwich, CT		8,454	74.1%	0.1%	0.8%	9.5%	12.2%	3.3%
Oxnard-Ventura-Thousand Oaks, CA		5,077	78.2%	.0%	1.4%	13.8%	3.1%	3.6%	Norwalk, CT		2,192	78.7%	8.2%	2.1%	5.6%	4.0%	1.4%
Paln Springs, CA		1,171	77.5%	0.0%	1.0%	14.1%	4.2%	3.2%	Stanford, CT		4,970	75.9%	10.6%	2.2%	4.6%	5.6%	1.0%
Redding, CA		815	68.3%	0.0%	0.1%	23.7%	4.0%	3.8%	Waterbury, CT		3,401	84.5%	.0%	3.3%	6.6%	4.9%	0.7%
Sacramento, CA		10,224	75.5%	.0%	4.1%	14.0%	3.0%	3.4%	Wilmington, DE-NJ-MD		8,861	80.1%	0.5%	5.1%	8.0%	5.0%	1.3%

PERCENT OF WORKERS MAKING WORK TRIPS BY

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	WALKED TO WORK	TOTAL		TOTAL TRUCK				1980 URBANIZED AREA	WALKED TO WORK	TOTAL		TOTAL TRUCK			
		AUTO	RAIL	BUS	OR VAN	WALK	OTHER			AUTO	RAIL	BUS	OR VAN	WALK	OTHER
Washington, DC-MD-VA	72,653	71.0%	4.9%	11.7%	5.5%	5.2%	1.7%	Boise City, ID	2,416	71.9%	.0%	3.0%	17.4%	3.9%	3.7%
Daytona Beach, FL	2,848	74.9%	.0%	1.6%	14.2%	4.6%	4.8%	Pocatello, ID	1,590	68.2%	0.0%	1.9%	19.9%	7.0%	3.1%
Fort Lauderdale-Hollywood, FL	11,173	82.2%	.0%	1.8%	10.7%	2.7%	2.6%	Alton, IL	1,255	78.9%	0.0%	1.3%	15.0%	3.7%	1.1%
Fort Myers, FL	1,666	76.8%	.0%	1.1%	16.3%	3.1%	2.7%	Aurora, IL	2,806	82.4%	2.3%	1.3%	9.2%	3.9%	0.9%
Fort Pierce, FL	755	72.0%	0.0%	1.0%	20.9%	2.8%	3.3%	Bloomington-Normal, IL	5,646	73.8%	.0%	1.6%	8.1%	14.4%	2.1%
Fort Walton Beach, FL	1,633	76.2%	0.0%	1.1%	14.2%	4.2%	4.3%	Champaign-Urbana, IL	9,144	64.3%	.0%	6.5%	7.2%	17.5%	4.5%
Gainesville, FL	2,893	72.9%	0.0%	3.5%	9.0%	6.7%	8.0%	Chicago, IL-Northwestern IN	177,787	69.5%	8.5%	10.2%	4.8%	6.0%	1.0%
Jacksonville, FL	10,048	76.3%	.0%	5.1%	12.1%	3.9%	2.5%	Danville, IL	966	78.7%	0.0%	1.2%	14.1%	4.8%	1.2%
Lakeland, FL	1,644	77.0%	.0%	0.5%	15.9%	3.4%	3.2%	Decatur, IL	1,509	79.1%	0.0%	1.3%	15.0%	3.4%	1.2%
Melbourne-Cocoa, FL	2,751	80.0%	.0%	0.3%	12.4%	3.0%	4.2%	Elgin, IL	1,919	81.8%	2.0%	2.0%	9.4%	3.9%	0.9%
Miami, FL	24,794	80.3%	.0%	6.6%	7.6%	3.5%	1.9%	Joliet, IL	2,351	83.6%	0.9%	1.2%	10.2%	3.5%	0.7%
Naples, FL	716	76.0%	.0%	0.2%	16.9%	3.3%	3.5%	Kankakee, IL	1,162	83.7%	0.2%	0.2%	9.8%	4.6%	1.5%
Ocala, FL	578	75.5%	.0%	.0%	19.0%	3.0%	2.5%	Peoria, IL	4,013	78.7%	.0%	3.1%	13.9%	3.6%	0.8%
Orlando, FL	13,616	78.3%	.0%	1.8%	11.8%	5.1%	3.1%	Rockford, IL	3,333	84.9%	0.0%	1.5%	9.1%	3.7%	0.9%
Panama City, FL	971	74.2%	.0%	0.5%	18.7%	3.0%	3.6%	Round Lake Beach, IL	636	79.5%	4.7%	0.4%	12.3%	2.2%	0.8%
Pensacola, FL	5,377	75.5%	.0%	1.6%	14.1%	6.1%	2.7%	Springfield, IL	3,227	79.5%	.0%	4.1%	9.6%	5.5%	1.3%
Sarasota-Bradenton, FL	3,991	75.8%	.0%	0.8%	15.6%	3.7%	4.0%	Anderson, IN	1,267	78.4%	0.0%	0.9%	14.9%	4.4%	1.4%
St. Petersburg, FL	10,044	79.4%	.0%	1.6%	12.2%	3.4%	3.4%	Bloomington, IN	5,388	64.8%	.0%	3.7%	6.8%	21.1%	3.6%
Tallahassee, FL	3,294	78.5%	0.0%	2.4%	10.8%	5.8%	2.5%	Elkhart-Goshen, IN	1,890	78.0%	0.0%	0.1%	14.8%	5.1%	2.0%
Tampa, FL	7,667	79.9%	.0%	2.1%	11.8%	3.3%	2.7%	Evansville, IN-KY	3,397	77.2%	.0%	1.7%	16.0%	4.3%	0.8%
West Palm Beach, FL	6,128	80.4%	0.1%	0.8%	12.4%	3.2%	3.2%	Fort Wayne, IN	3,590	81.1%	.0%	3.7%	10.8%	3.5%	1.0%
Winter Haven, FL	836	74.3%	0.0%	0.7%	19.7%	2.8%	2.5%	Indianapolis, IN	11,563	81.5%	.0%	4.2%	10.4%	3.1%	0.9%
Albany, GA	1,014	80.3%	.0%	1.6%	13.6%	2.8%	1.7%	Kokomo, IN	793	79.8%	0.0%	0.1%	15.1%	3.3%	1.7%
Athens, GA	1,830	78.5%	.0%	3.1%	7.7%	7.0%	3.6%	Lafayette-West Lafayette, IN	6,857	67.8%	.0%	2.5%	10.7%	16.9%	2.0%
Atlanta, GA	15,142	78.1%	0.8%	8.2%	9.6%	2.0%	1.2%	Muncie, IN	3,521	74.9%	0.0%	1.7%	11.6%	9.9%	2.0%
Augusta, GA-SC	10,612	75.4%	.0%	2.1%	11.0%	9.4%	2.0%	South Bend, IN-MI	5,046	79.0%	0.1%	2.7%	11.7%	5.3%	1.3%
Columbus, GA-AL	8,448	75.0%	.0%	2.4%	11.1%	9.3%	2.1%	Terre Haute, IN	2,798	72.7%	0.0%	2.1%	14.1%	9.1%	2.1%
Macon, GA	1,396	81.2%	.0%	3.2%	11.7%	2.7%	1.2%	Cedar Rapids, IA	3,174	78.2%	0.0%	3.4%	11.9%	4.9%	1.7%
Rome, GA	819	79.6%	0.0%	2.1%	13.5%	3.8%	1.0%	Davenport-Rock Island-Moline, IA-IL	5,056	80.2%	.0%	1.9%	12.6%	4.1%	1.1%
Savannah, GA	4,009	75.0%	.0%	5.6%	11.7%	5.4%	2.3%	Des Moines, IA	5,587	77.8%	0.0%	5.3%	11.3%	4.3%	1.2%
Warner Robins, GA	438	80.6%	0.0%	0.6%	14.3%	1.8%	2.7%	Dubuque, IA-IL	2,557	74.5%	0.0%	4.7%	11.0%	8.6%	1.3%
Honolulu, HI	23,978	71.2%	.0%	11.1%	5.7%	8.4%	3.6%	Iowa City, IA	5,250	57.9%	.0%	14.5%	6.3%	17.4%	3.9%
Kailua-Kaneohe, HI	4,190	73.9%	0.0%	6.3%	8.3%	8.5%	3.0%	Sioux City, IA-NE-SD	2,290	76.2%	.0%	2.5%	14.4%	5.5%	1.4%

PERCENT OF WORKERS MAKING WORK TRIPS BY

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	WALKED TO WORK	TOTAL					WALK OTHER	1980 URBANIZED AREA	WALKED TO WORK	TOTAL					WALK OTHER
		TOTAL AUTO	RAIL	BUS	OR VAN	TRUCK				TOTAL AUTO	RAIL	BUS	OR VAN	TRUCK	
Waterloo, IA	3,311	76.4%	0.0%	2.0%	13.6%	6.4%	1.6%	Ann Arbor, MI	12,660	73.5%	0.3%	4.3%	6.9%	12.9%	2.0%
Laurence, KS	3,967	66.2%	.0%	2.9%	11.0%	16.1%	3.7%	Battle Creek, MI	1,078	81.4%	0.0%	2.0%	12.3%	3.6%	0.8%
Topeka, KS	2,395	78.4%	0.0%	2.4%	14.1%	4.0%	1.1%	Bay City, MI	1,059	81.9%	0.0%	1.0%	12.7%	3.7%	0.7%
Michita, KS	4,471	78.7%	.0%	2.3%	14.6%	3.0%	1.4%	Benton Harbor, MI	735	83.5%	0.0%	0.3%	11.7%	3.3%	1.2%
Lexington-Fayette, KY	4,940	78.8%	.0%	3.5%	11.0%	5.4%	1.2%	Detroit, MI	41,509	84.1%	0.1%	4.0%	8.3%	2.8%	0.7%
Louisville, KY-IN	8,992	80.1%	.0%	5.3%	10.8%	2.8%	0.9%	Flint, MI	3,425	81.8%	.0%	1.2%	13.3%	2.9%	0.8%
Owensboro, KY	997	77.6%	.0%	1.5%	15.4%	4.2%	1.3%	Grand Rapids, MI	6,805	81.9%	.0%	2.6%	10.2%	4.1%	1.3%
Alexandria, LA	1,423	73.9%	.0%	2.5%	17.6%	4.0%	2.0%	Jackson, MI	1,252	79.8%	0.1%	1.6%	13.2%	4.2%	1.2%
Baton Rouge, LA	5,199	77.8%	.0%	1.6%	15.6%	3.5%	1.5%	Kalamazoo, MI	5,193	77.5%	.0%	3.6%	9.9%	7.5%	1.4%
Moua, LA	702	71.2%	0.0%	0.2%	22.9%	2.6%	3.0%	Lansing, MI	11,193	75.0%	.0%	4.2%	8.9%	9.8%	2.1%
Lafayette, LA	1,897	74.7%	.0%	2.0%	16.8%	3.7%	2.8%	Muskegon-Muskegon Heights, MI	1,436	81.3%	0.0%	1.0%	12.7%	3.7%	1.3%
Lake Charles, LA	1,402	70.5%	.0%	0.9%	23.6%	2.7%	2.4%	Port Huron, MI	1,158	79.8%	0.0%	1.0%	13.0%	5.1%	1.1%
Monroe, LA	1,310	74.7%	.0%	1.7%	19.0%	3.1%	1.5%	Saginaw, MI	1,767	83.7%	.0%	0.3%	11.5%	3.5%	0.9%
New Orleans, LA	17,883	70.3%	.0%	11.5%	11.9%	4.1%	2.2%	Duluth-Superior, MN-WI	5,439	66.6%	.0%	9.3%	12.5%	10.0%	1.5%
Shreveport, LA	3,127	77.2%	.0%	3.5%	15.1%	2.7%	1.5%	Minneapolis-St. Paul, MN	43,818	74.8%	.0%	10.0%	9.1%	4.9%	1.2%
Bangor, ME	3,877	69.2%	0.0%	2.0%	9.5%	15.6%	3.7%	Rochester, MN	3,603	74.5%	.0%	4.3%	7.7%	11.5%	1.9%
Leviston-Auburn, ME	3,993	69.6%	0.0%	2.9%	12.2%	13.4%	1.9%	St. Cloud, MN	3,809	69.6%	0.0%	4.1%	9.8%	14.3%	2.2%
Portland, ME	5,785	71.1%	0.1%	6.3%	8.3%	12.3%	2.0%	Biloxi-Gulfport, MS	7,677	70.3%	0.0%	0.7%	15.5%	10.4%	3.1%
Annapolis, MD	6,261	66.2%	0.2%	2.5%	9.1%	19.2%	2.7%	Hattiesburg, MS	1,201	76.9%	0.0%	1.7%	13.6%	5.3%	2.5%
Baltimore, MD	37,606	74.0%	0.2%	12.0%	7.4%	4.9%	1.3%	Jackson, MS	2,821	81.9%	.0%	1.9%	12.7%	2.4%	1.1%
Cumberland, MD-WV	1,678	75.3%	0.0%	1.8%	13.4%	7.7%	1.7%	Pascagoula-Moss Point, MS	780	74.4%	0.4%	0.3%	19.5%	3.0%	2.3%
Hagerstown, MD-PA	1,873	77.6%	0.0%	1.6%	12.3%	6.5%	2.1%	Columbia, MO	4,938	70.5%	0.0%	2.5%	8.6%	16.0%	2.4%
Boston, MA	114,900	68.7%	7.0%	8.7%	4.9%	9.2%	1.6%	Joplin, MO	753	77.3%	0.0%	0.2%	17.9%	3.2%	1.4%
Brockton, MA	3,887	81.0%	1.0%	4.0%	8.1%	5.0%	0.9%	Kansas City, MO-KS	13,667	80.3%	.0%	4.7%	11.3%	2.7%	1.0%
Fall River, MA-RI	3,877	83.8%	0.0%	2.1%	6.7%	6.6%	0.8%	Springfield, MO	3,136	75.5%	.0%	1.5%	15.8%	5.3%	1.8%
Fitchburg-Leoninstar, MA	2,436	81.5%	0.1%	1.9%	8.2%	7.1%	1.2%	St. Joseph, MO-KS	1,291	76.0%	0.0%	2.9%	16.2%	4.0%	0.9%
Laurence-Haverhill, MA-NH	5,630	83.9%	0.1%	1.7%	6.7%	6.0%	1.5%	St. Louis, MO-IL	24,049	80.7%	.0%	6.9%	8.5%	3.1%	0.9%
Lowell, MA-NH	3,965	82.6%	0.7%	2.7%	7.1%	5.5%	1.4%	Billings, MT	2,570	68.7%	0.0%	3.2%	19.1%	6.8%	2.1%
New Bedford, MA	5,530	78.8%	0.1%	3.1%	6.4%	10.2%	1.6%	Great Falls, MT	2,339	69.0%	.0%	0.2%	20.9%	7.8%	2.1%
Pittsfield, MA	2,454	75.7%	0.0%	4.2%	8.7%	10.1%	1.2%	Missoula, MT	2,545	60.8%	0.0%	3.4%	18.3%	10.2%	7.3%
Springfield-Chicopee-Holyoke, MA-CT	14,528	80.4%	.0%	4.1%	7.8%	6.5%	1.2%	Lincoln, NE	6,416	74.0%	.0%	5.5%	10.8%	7.3%	2.4%
Taunton, MA	1,021	83.6%	0.2%	1.2%	9.5%	4.4%	1.1%	Omaha, NE-IA	10,529	77.7%	.0%	5.4%	11.4%	4.5%	1.0%
Worcester, MA	11,665	78.3%	.0%	4.2%	6.6%	9.6%	1.3%	Las Vegas, NV	7,187	76.2%	.0%	2.0%	15.4%	3.4%	3.0%

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	WALKED TO WORK	TOTAL					TOTAL TRUCK	
		TOTAL AUTO	RAIL	BUS	OR VAN	WALK	OTHER	
Reno, NV	5,533	72.3%	0.0%	1.0%	16.8%	6.3%	3.6%	
Manchester, NH	4,300	77.5%	0.1%	3.5%	8.6%	8.8%	1.5%	
Mashua, NH	2,888	81.1%	0.2%	0.5%	8.1%	7.8%	2.3%	
Portsmouth-Dover-Rochester, NH-ME	6,061	71.4%	0.0%	2.0%	11.6%	12.7%	2.3%	
Atlantic City, NJ	5,190	73.3%	0.2%	7.8%	7.3%	8.7%	2.7%	
Trenton, NJ-PA	6,012	80.6%	1.9%	5.0%	6.2%	5.3%	1.0%	
Vineland-Millville, NJ	1,643	80.5%	0.0%	0.4%	12.6%	4.7%	1.8%	
Albuquerque, NM	6,831	72.7%	.0%	2.6%	17.8%	3.8%	3.1%	
Las Cruces, NM	1,074	71.3%	0.0%	1.9%	16.3%	5.3%	5.3%	
Santa Fe, NM	1,281	73.1%	0.0%	0.1%	18.6%	5.7%	2.5%	
Albany-Schenectady-Troy, NY	18,296	75.6%	.0%	8.5%	5.8%	8.6%	1.4%	
Binghamton, NY	6,221	78.5%	0.0%	4.4%	7.0%	8.9%	1.2%	
Buffalo, NY	25,064	78.4%	.0%	7.7%	6.5%	6.3%	1.1%	
Elmira, NY	2,256	78.5%	.0%	2.0%	9.0%	8.9%	1.6%	
Glens Falls, NY	1,780	77.6%	.0%	0.2%	11.0%	8.7%	2.4%	
New York, NY-Northeastern NJ	524,539	56.1%	21.6%	9.1%	3.5%	8.0%	1.7%	
Heuburgh, NY	1,931	81.1%	0.8%	1.7%	8.3%	7.3%	1.0%	
Poughkeepsie, NY	4,421	81.6%	1.0%	2.3%	6.2%	7.5%	1.4%	
Rochester, NY	16,232	78.2%	.0%	7.6%	7.2%	6.0%	0.9%	
Syracuse, NY	12,361	77.0%	.0%	7.7%	6.8%	7.6%	0.8%	
Utica-Rone, NY	4,539	80.6%	.0%	3.2%	7.4%	7.5%	1.2%	
Asheville, NC	1,545	79.5%	.0%	2.5%	13.2%	3.5%	1.3%	
Burlington, NC	788	83.1%	0.0%	1.1%	12.1%	2.4%	1.3%	
Charlotte, NC	4,455	82.1%	.0%	5.5%	8.8%	2.5%	1.0%	
Concord, NC	1,675	79.1%	0.0%	0.8%	14.0%	4.8%	1.3%	
Durham, NC	5,686	77.5%	0.0%	5.5%	6.3%	7.9%	2.8%	
Fayetteville, NC	15,974	69.8%	0.0%	1.4%	10.6%	16.1%	2.1%	
Gastonia, NC	2,552	80.0%	0.0%	0.5%	13.0%	5.0%	1.5%	
Goldboro, NC	1,288	80.5%	0.0%	0.2%	10.4%	5.3%	3.6%	
Greensboro, NC	3,094	84.5%	0.0%	2.2%	8.0%	3.8%	1.5%	
Hickory, NC	1,278	80.5%	0.0%	0.1%	13.9%	4.1%	1.4%	
High Point, NC	1,549	82.3%	0.0%	1.5%	11.6%	3.3%	1.2%	
Jacksonville, NC	15,406	50.2%	0.0%	0.9%	8.2%	36.7%	4.0%	

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	WALKED TO WORK	TOTAL				TOTAL TRUCK		
		TOTAL AUTO	RAIL	BUS	OR VAN	WALK	OTHER	
Raleigh, NC	4,404	83.2%	.0%	3.5%	7.4%	4.2%	1.6%	
Wilmington, NC	1,049	80.8%	0.0%	2.4%	12.6%	2.8%	1.5%	
Winston-Salem, NC	2,674	82.5%	.0%	3.8%	9.0%	3.5%	1.1%	
Bismarck-Mandan, ND	2,481	74.0%	0.0%	.0%	15.2%	8.4%	2.4%	
Fargo-Moorhead, ND-MN	6,143	72.7%	0.0%	2.3%	10.7%	12.2%	2.1%	
Grand Forks, ND-MN	2,642	72.3%	0.0%	1.0%	13.5%	11.1%	2.1%	
Akron, OH	8,547	83.4%	.0%	2.8%	9.0%	4.0%	0.7%	
Canton, OH	3,436	84.5%	.0%	1.8%	9.6%	3.4%	0.6%	
Cincinnati, OH-KY	19,166	79.7%	.0%	7.7%	7.6%	4.1%	0.9%	
Cleveland, OH	27,630	78.6%	0.7%	10.7%	5.5%	3.7%	0.7%	
Columbus, OH	16,692	80.9%	.0%	5.8%	7.8%	4.4%	1.1%	
Dayton, OH	7,582	83.5%	.0%	3.6%	9.0%	3.1%	0.8%	
Hamilton, OH	1,601	82.0%	0.0%	2.1%	11.5%	3.7%	0.7%	
Lima, OH	1,056	84.4%	0.0%	0.9%	9.6%	4.0%	1.2%	
Lorain-Elyria, OH	3,221	83.5%	.0%	0.7%	11.2%	3.7%	0.9%	
Mansfield, OH	1,053	82.9%	.0%	0.4%	12.1%	3.4%	1.1%	
Middletown, OH	793	82.0%	0.0%	0.8%	14.1%	2.3%	0.8%	
Newark, OH	797	83.2%	0.0%	0.2%	11.0%	3.9%	1.7%	
Springfield, OH	1,623	84.0%	0.0%	1.1%	8.6%	5.3%	1.0%	
Steubenville-Weirton, OH-WV-PA	2,028	79.4%	0.0%	1.0%	11.8%	6.9%	0.8%	
Toledo, OH-MI	6,201	82.8%	.0%	4.1%	8.9%	3.3%	0.9%	
Youngstown-Warren, OH	3,924	87.6%	.0%	1.0%	7.9%	2.8%	0.7%	
Enid, OK	776	73.9%	0.0%	0.1%	21.0%	3.4%	1.7%	
Lawton, OK	8,546	63.5%	0.0%	1.1%	14.1%	18.8%	2.6%	
Oklahoma City, OK	8,792	80.0%	0.0%	1.3%	14.4%	2.8%	1.5%	
Tulsa, OK	5,839	79.0%	.0%	2.7%	14.2%	2.8%	1.3%	
Eugene, OR	4,582	64.7%	0.0%	4.9%	16.9%	5.9%	7.5%	
Medford, OR	1,021	68.5%	0.0%	0.5%	22.4%	5.0%	3.5%	
Portland, OR-WA	20,466	70.8%	.0%	9.8%	13.0%	4.3%	2.0%	
Salmon, OR	2,735	72.3%	0.0%	4.7%	15.0%	4.9%	3.1%	
Allentown-Bethlehem-Easton, PA-NJ	13,387	80.6%	0.1%	3.1%	7.3%	8.0%	1.0%	
Altoona, PA	2,383	78.6%	.0%	2.4%	9.9%	8.3%	0.8%	
Erie, PA	5,620	77.7%	.0%	5.5%	8.1%	7.7%	1.0%	

PERCENT OF WORKERS MAKING WORK TRIPS BY

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	PERCENT OF WORKERS MAKING WORK TRIPS BY							1980 URBANIZED AREA	PERCENT OF WORKERS MAKING WORK TRIPS BY						
	WALKED TO WORK	TOTAL AUTO	RAIL	BUS	TOTAL TRUCK OR VAN	WALK	OTHER		WALKED TO WORK	TOTAL AUTO	RAIL	BUS	TOTAL TRUCK OR VAN	WALK	OTHER
Harrisburg, PA	7,534	80.3%	0.1%	5.0%	7.7%	5.9%	1.1%	Amarillo, TX	1,281	78.6%	0.0%	0.9%	17.1%	1.8%	1.6%
Johnstown, PA	3,042	75.1%	0.0%	6.2%	8.6%	9.7%	0.5%	Austin, TX	8,245	75.7%	.0%	4.0%	13.0%	4.4%	3.0%
Lancaster, PA	7,895	76.8%	0.3%	2.1%	8.1%	11.2%	1.6%	Beaumont, TX	1,522	75.5%	.0%	1.8%	18.2%	2.9%	1.5%
Monessen, PA	2,344	74.5%	0.0%	3.0%	11.4%	10.3%	0.8%	Brownsville, TX	1,359	76.2%	0.0%	1.8%	15.1%	4.6%	2.2%
Philadelphia, PA-NJ	113,205	70.4%	7.3%	8.7%	5.7%	6.8%	1.1%	Bryan-College Station, TX	1,898	69.6%	0.0%	1.8%	16.9%	5.6%	6.1%
Pittsburgh, PA	51,933	70.4%	0.1%	13.7%	8.0%	7.1%	0.7%	Corpus Christi, TX	2,626	76.3%	0.0%	1.3%	17.9%	2.5%	2.0%
Reading, PA	7,497	75.6%	0.2%	7.0%	6.4%	9.8%	1.0%	Dallas-Fort Worth, TX	25,243	78.8%	.0%	4.0%	13.8%	2.1%	1.3%
Scranton-Wilkes-Barre, PA	15,191	78.2%	.0%	4.8%	6.6%	9.7%	0.7%	El Paso, TX	10,596	74.1%	.0%	4.0%	13.6%	6.1%	2.2%
Sharon, PA-OH	1,280	81.7%	0.0%	0.4%	10.1%	6.8%	1.0%	Galveston, TX	2,795	68.6%	0.0%	3.8%	13.8%	9.9%	3.9%
State College, PA	6,914	52.9%	.0%	5.6%	4.6%	34.6%	2.2%	Harlingen-San Benito, TX	1,031	76.9%	0.0%	0.2%	16.6%	4.6%	1.8%
Williamsport, PA	2,337	74.7%	0.0%	4.4%	9.3%	10.0%	1.6%	Houston, TX	32,244	76.1%	.0%	3.5%	16.4%	2.7%	1.4%
York, PA	4,187	81.7%	0.0%	1.1%	8.9%	7.1%	1.2%	Killeen, TX	15,521	53.4%	.0%	1.0%	10.6%	31.2%	3.8%
Newport, RI	4,274	70.3%	.0%	2.3%	6.7%	18.2%	2.6%	Laredo, TX	1,935	68.0%	0.0%	4.4%	19.7%	6.3%	1.5%
Providence-Pawtucket-Warwick, RI-MA	23,489	80.4%	0.2%	4.6%	7.2%	6.7%	1.0%	Longview, TX	904	72.9%	.0%	0.1%	22.7%	2.8%	1.5%
Anderson, SC	988	81.7%	0.0%	0.9%	11.6%	4.5%	1.3%	Lubbock, TX	2,813	79.0%	.0%	1.0%	14.5%	3.4%	2.0%
Charleston, SC	8,580	72.3%	.0%	3.1%	11.2%	5.7%	7.6%	McAllen-Pharr-Edinburg, TX	2,342	74.7%	0.0%	0.7%	18.2%	4.4%	2.1%
Columbia, SC	11,700	78.7%	.0%	3.2%	8.2%	7.8%	2.0%	Midland, TX	699	77.9%	0.0%	0.5%	17.5%	2.0%	2.1%
Florence, SC	791	83.1%	0.0%	0.3%	11.5%	3.3%	1.8%	Odessa, TX	1,048	71.8%	0.0%	.0%	23.9%	2.2%	2.1%
Greenville, SC	4,956	82.6%	.0%	0.6%	11.0%	4.7%	1.1%	Port Arthur, TX	1,101	73.8%	.0%	0.4%	21.4%	2.5%	1.8%
Rock Hill, SC	1,085	83.0%	0.0%	0.1%	10.5%	4.8%	1.6%	San Angelo, TX	2,023	71.7%	0.0%	0.6%	19.1%	5.8%	2.9%
Spartanburg, SC	1,279	83.1%	0.0%	1.5%	10.9%	3.0%	1.5%	San Antonio, TX	21,653	73.0%	.0%	5.1%	14.4%	5.5%	1.9%
Rapid City, SD	1,156	73.5%	0.0%	0.4%	18.4%	5.1%	2.6%	Sherman-Denison, TX	892	77.2%	0.0%	.0%	17.4%	3.5%	1.9%
Sioux Falls, SD	2,816	77.9%	0.0%	0.9%	12.5%	6.9%	1.8%	Temple, TX	676	75.2%	.0%	.0%	19.4%	3.0%	2.3%
Bristol, TN-Bristol, VA	886	79.3%	0.0%	1.2%	14.3%	3.9%	1.3%	Texarkana, TX-AR	701	78.4%	0.0%	0.2%	16.8%	2.9%	1.7%
Chattanooga, TN-GA	3,830	79.1%	.0%	3.8%	12.9%	3.0%	1.2%	Texas City-La Marque, TX	779	72.3%	0.0%	0.3%	23.7%	1.6%	2.2%
Clarksville, TN-KY	7,203	64.8%	.0%	0.5%	12.9%	19.1%	2.7%	Tyler, TX	780	79.5%	0.0%	0.2%	16.7%	2.4%	1.1%
Jackson, TN	886	80.2%	0.0%	1.5%	12.4%	4.2%	1.7%	Victoria, TX	648	74.9%	0.0%	0.5%	20.4%	2.9%	1.4%
Johnson City, TN	1,351	80.8%	.0%	0.6%	12.8%	4.3%	1.5%	Waco, TX	1,883	77.8%	.0%	1.1%	16.1%	3.4%	1.6%
Kingsport, TN-VA	985	80.6%	.0%	0.1%	15.7%	2.8%	0.9%	Wichita Falls, TX	4,641	70.9%	.0%	1.0%	15.4%	10.2%	2.6%
Knoxville, TN	5,025	79.4%	.0%	3.7%	11.9%	4.2%	0.9%	Ogden, UT	2,780	73.4%	.0%	3.2%	18.2%	3.4%	1.8%
Memphis, TN-AR-MS	7,392	79.6%	.0%	5.3%	11.8%	2.3%	1.0%	Provo-Oren, UT	6,107	66.8%	0.0%	0.6%	18.6%	10.4%	3.6%
Nashville-Davidson, TN	7,264	80.1%	0.0%	4.9%	11.0%	3.0%	1.0%	Salt Lake City, UT	9,973	72.7%	.0%	5.5%	16.7%	3.5%	1.6%
Abilene, TX	2,233	74.3%	0.0%	0.6%	17.8%	4.8%	2.4%	Burlington, VT	5,224	70.8%	0.1%	4.6%	7.4%	15.1%	2.1%

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	PERCENT OF WORKERS MAKING WORK TRIPS BY						
	WALKED TO WORK	TOTAL AUTO	RAIL	BUS	TOTAL TRUCK OR VAN	WALK	OTHER
Charlottesville, VA	4,246	68.5%	.0%	5.7%	8.0%	15.2%	2.5%
Danville, VA	1,123	81.1%	0.0%	2.4%	10.4%	4.8%	1.2%
Lynchburg, VA	2,094	78.0%	.0%	4.3%	11.5%	5.1%	1.1%
Newport News-Hampton, VA	8,462	76.1%	.0%	4.5%	11.0%	5.7%	2.7%
Norfolk-Portsmouth, VA	26,551	71.1%	.0%	4.6%	11.4%	7.6%	5.3%
Petersburg-Colonial Heights, VA	4,354	73.5%	0.0%	2.7%	12.6%	9.5%	1.7%
Richmond, VA	7,251	77.9%	.0%	8.4%	9.2%	3.1%	1.3%
Roanoke, VA	2,502	80.7%	0.0%	3.1%	12.0%	3.2%	1.1%
Bellingham, WA	2,114	63.9%	0.0%	5.1%	16.1%	10.4%	4.6%
Brenerton, WA	3,609	61.0%	0.0%	6.4%	13.1%	12.5%	6.9%
Longview, WA-OR	815	68.2%	0.0%	0.7%	24.9%	3.9%	2.3%
Olympia, WA	1,569	74.5%	.0%	2.9%	14.8%	5.3%	2.6%
Richland-Kennewich, WA	1,693	74.8%	.0%	2.8%	16.8%	3.3%	2.3%
Seattle-Everett, WA	30,121	70.8%	.0%	10.7%	11.8%	4.5%	2.2%
Spokane, WA	4,907	72.7%	0.0%	5.1%	15.8%	4.5%	1.9%
Tacoma, WA	12,514	71.0%	.0%	3.1%	15.9%	7.5%	2.6%
Yakima, WA	1,479	74.9%	0.0%	1.5%	16.5%	4.6%	2.5%
Charleston, WV	3,859	75.7%	0.0%	5.5%	12.2%	5.8%	0.8%
Huntington-Ashland, WV-KY-OH	4,585	76.1%	0.0%	1.6%	13.8%	7.0%	1.6%
Parkersburg, WV-OH	1,209	79.1%	0.1%	0.9%	14.1%	4.9%	1.0%
Wheeling, WV-OH	3,697	75.5%	0.0%	3.6%	10.5%	9.5%	0.9%
Appleton, WI	5,107	78.4%	0.0%	1.8%	10.0%	8.0%	1.8%
Beloit, WI-IL	1,234	80.2%	.0%	1.4%	10.6%	5.8%	1.9%
Eau Claire, WI	3,213	73.8%	0.0%	3.5%	9.2%	10.5%	2.9%
Green Bay, WI	3,914	78.5%	0.0%	3.4%	10.6%	6.2%	1.3%
Janesville, WI	1,098	80.6%	0.0%	2.0%	10.3%	5.7%	1.4%
Kenosha, WI	2,118	80.9%	0.2%	2.8%	8.9%	5.7%	1.5%
La Crosse, WI-MN	4,304	68.5%	.0%	4.6%	9.7%	13.8%	3.3%
Madison, WI	14,391	64.5%	.0%	13.5%	5.2%	12.8%	4.0%
Milwaukee, WI	32,853	78.3%	.0%	8.8%	5.9%	6.0%	1.0%
Oshkosh, WI	2,486	76.0%	0.0%	2.7%	8.2%	10.7%	2.4%
Racine, WI	3,003	81.2%	0.1%	2.9%	8.6%	5.7%	1.4%
Sheboygan, WI	2,473	76.8%	.0%	4.7%	7.7%	9.2%	1.5%

PERCENT OF WORKERS MAKING WORK TRIPS BY

1980 URBANIZED AREA	PERCENT OF WORKERS MAKING WORK TRIPS BY						
	WALKED TO WORK	TOTAL AUTO	RAIL	BUS	TOTAL TRUCK OR VAN	WALK	OTHER
Mausau, WI	1,883	76.2%	0.0%	3.6%	11.4%	8.0%	0.9%
Casper, WY	1,382	68.6%	0.0%	0.3%	24.7%	4.8%	1.6%
Cheyenne, WY	1,335	72.6%	.0%	0.2%	20.6%	4.8%	1.7%
U.S. TOTALS (366 UZA)	3,257,509	73.8%	3.4%	6.1%	9.6%	5.3%	1.9%
Aguadilla, PR	1,639	61.8%	18.5%	1.1%	2.4%	13.8%	2.4%
Arecibo, PR	1,981	67.6%	14.2%	0.6%	2.5%	12.8%	2.3%
Caguas, PR	3,130	65.2%	16.5%	5.0%	2.5%	8.6%	2.1%
Mayaguez, PR	3,409	65.7%	14.0%	0.6%	2.0%	13.5%	4.2%
Ponce, PR	2,933	69.2%	16.3%	1.1%	1.8%	8.1%	3.6%
San Juan, PR	21,328	71.1%	8.6%	7.7%	2.4%	7.4%	2.7%
Vega Baja-Manati, PR	2,334	63.5%	18.5%	0.8%	2.2%	13.5%	1.6%





NOTICE

This document is the property of the Department of Transportation and is loaned to you for its use only.

The United States Government is authorized to reproduce and distribute reprints for government purposes, not withstanding any copyright notation that may appear hereon.

This report is available from the Department of Transportation.

DOT-1

Form DOT F 171
FORMERLY FORM D

Transportation
for Urban

HE 203 • A56

Department of Transportation
has no liability

manufacturers
only because

Department

DOT-I-85-13



00014878

TECHNOLOGY SHARING

A PROGRAM OF THE U.S. DEPARTMENT OF TRANSPORTATION