



## CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

**Table 1. Profile of Selected 1990 and 2000 Characteristics**

**Geographic Area: Shiawassee County, Michigan**

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
<b>POPULATION</b>						
<b>Total population</b> .....	69,770	100.0	71,687	100.0	1,917	2.7
In households .....	69,132	99.1	70,965	99.0	1,833	2.7
In group quarters .....	638	0.9	722	1.0	84	13.2
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	24,769	100.0	26,906	100.0	2,137	8.6
1-person household .....	4,783	19.3	5,840	21.7	1,057	22.1
2-person household .....	7,688	31.0	9,249	34.4	1,561	20.3
3-person household .....	4,527	18.3	4,724	17.6	197	4.4
4-person household .....	4,799	19.4	4,228	15.7	-571	-11.9
5-or-more-person household .....	2,972	12.0	2,865	10.6	-107	-3.6
Mean number of persons per household .....	2.79	(X)	2.64	(X)	-0.15	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	24,769	100.0	26,906	100.0	2,137	8.6
No vehicle available .....	1,627	6.6	1,268	4.7	-359	-22.1
1 vehicle available .....	7,259	29.3	7,681	28.5	422	5.8
2 vehicles available .....	10,352	41.8	11,263	41.9	911	8.8
3 vehicles available .....	3,799	15.3	4,836	18.0	1,037	27.3
4 vehicles available .....	1,263	5.1	1,337	5.0	74	5.9
5 or more vehicles available .....	469	1.9	521	1.9	52	11.1
Mean vehicles per household .....	1.90	(X)	1.96	(X)	0.07	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	30,973	100.0	33,515	100.0	2,542	8.2
Male .....	17,275	55.8	18,285	54.6	1,010	5.8
Female .....	13,698	44.2	15,230	45.4	1,532	11.2
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	30,973	100.0	33,514	100.0	2,541	8.2
Drove alone .....	25,000	80.7	27,832	83.0	2,832	11.3
Carpooled .....	3,803	12.3	3,499	10.4	-304	-8.0
Public transportation (including taxicab) .....	31	0.1	37	0.1	6	19.4
Bicycle or walked .....	983	3.2	733	2.2	-250	-25.4
Motorcycle or other means .....	171	0.6	179	0.5	8	4.7
Worked at home .....	985	3.2	1,234	3.7	249	25.3
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	29,988	100.0	32,280	100.0	2,292	7.6
Less than 5 minutes .....	1,191	4.0	1,611	5.0	420	35.3
5 to 9 minutes .....	4,530	15.1	4,144	12.8	-386	-8.5
10 to 14 minutes .....	4,534	15.1	4,545	14.1	11	0.2
15 to 19 minutes .....	3,266	10.9	3,092	9.6	-174	-5.3
20 to 29 minutes .....	5,178	17.3	5,379	16.7	201	3.9
30 to 44 minutes .....	6,539	21.8	7,177	22.2	638	9.8
45 or more minutes .....	4,750	15.8	6,332	19.6	1,582	33.3
Mean travel time to work (minutes) .....	24.1	(X)	27.6	(X)	3.5	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	29,988	100.0	32,280	100.0	2,292	7.6
5:00 a.m. to 6:59 a.m. ....	9,171	30.6	9,516	29.5	345	3.8
7:00 a.m. to 7:59 a.m. ....	7,693	25.7	8,962	27.8	1,269	16.5
8:00 a.m. to 8:59 a.m. ....	3,692	12.3	3,753	11.6	61	1.7
9:00 a.m. to 9:59 a.m. ....	1,205	4.0	1,388	4.3	183	15.2
10:00 a.m. to 11:59 a.m. ....	912	3.0	937	2.9	25	2.7
12:00 p.m. to 11:59 p.m. ....	6,148	20.5	6,156	19.1	8	0.1
12:00 a.m. to 4:59 a.m. ....	1,167	3.9	1,568	4.9	401	34.4

1 See the entry for this item in the Technical Notes in the root directory or state subdirectories (filename: tech\_notes.txt).  
(X) Not applicable.  
Source: U.S. Census Bureau. Census of Population and Housing, 1990 and 2000 long-form (sample) data.

**CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)**



**Table 2. Profile of Selected 2000 Characteristics**

**Geographic Area: Shiawassee County, Michigan**

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
Total population .....	71,687	100.0
Under 16 years .....	17,021	23.7
16 to 20 years .....	5,012	7.0
21 to 24 years .....	3,097	4.3
25 to 44 years .....	20,979	29.3
45 to 64 years .....	16,976	23.7
65 years and over .....	8,602	12.0
Mean age (years) .....	36.0	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
Total households .....	26,906	100.0
Less than \$15,000 .....	3,416	12.7
\$15,000 to 19,999 .....	1,763	6.6
\$20,000 to 24,999 .....	1,912	7.1
\$25,000 to 49,999 .....	8,643	32.1
\$50,000 to 74,999 .....	6,013	22.3
\$75,000 to 99,999 .....	3,054	11.4
\$100,000 or more .....	2,105	7.8
Mean household income (dollars) .....	50,820	(X)
Median household income (dollars) .....	42,553	(X)

**Household Size by Vehicles Available<sup>1</sup>**

Household Size	Mean vehicles per household	Vehicles available					
		Total households	No vehicle	1 vehicle	2 vehicles	3 vehicles	4 or more vehicles
<b>Total households</b> .....	<b>1.96</b>	<b>26,905</b>	<b>1,270</b>	<b>7,680</b>	<b>11,265</b>	<b>4,835</b>	<b>1,860</b>
Row percent .....	(X)	100.0	4.7	28.5	41.9	18.0	6.9
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>1.16</b>	<b>5,840</b>	<b>810</b>	<b>3,775</b>	<b>900</b>	<b>255</b>	<b>100</b>
Row percent .....	(X)	100.0	13.9	64.6	15.4	4.4	1.7
Column percent .....	(X)	21.7	63.8	49.2	8.0	5.3	5.4
<b>2-person household</b> .....	<b>1.97</b>	<b>9,250</b>	<b>225</b>	<b>2,085</b>	<b>5,175</b>	<b>1,370</b>	<b>400</b>
Row percent .....	(X)	100.0	2.4	22.5	55.9	14.8	4.3
Column percent .....	(X)	34.4	17.7	27.1	45.9	28.3	21.5
<b>3-person household</b> .....	<b>2.24</b>	<b>4,725</b>	<b>120</b>	<b>945</b>	<b>1,930</b>	<b>1,320</b>	<b>410</b>
Row percent .....	(X)	100.0	2.5	20.0	40.8	27.9	8.7
Column percent .....	(X)	17.6	9.4	12.3	17.1	27.3	22.0
<b>4-or-more-person household</b> .....	<b>2.43</b>	<b>7,095</b>	<b>115</b>	<b>880</b>	<b>3,260</b>	<b>1,890</b>	<b>950</b>
Row percent .....	(X)	100.0	1.6	12.4	45.9	26.6	13.4
Column percent .....	(X)	26.4	9.1	11.5	28.9	39.1	51.1

**Means of Transportation to Work by Travel Time to Work<sup>1</sup>**

Means of Transportation	Mean travel time to work (minutes)	Travel time to work					
		Workers who did not work at home	Less than 10 minutes	10 to 19 minutes	20 to 29 minutes	30 to 44 minutes	45 or more minutes
<b>Workers who did not work at home</b> .....	<b>27.6</b>	<b>32,280</b>	<b>5,755</b>	<b>7,635</b>	<b>5,380</b>	<b>7,175</b>	<b>6,330</b>
Row percent .....	(X)	100.0	17.8	23.7	16.7	22.2	19.6
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>27.2</b>	<b>27,830</b>	<b>4,650</b>	<b>6,765</b>	<b>4,820</b>	<b>6,395</b>	<b>5,200</b>
Row percent .....	(X)	100.0	16.7	24.3	17.3	23.0	18.7
Column percent .....	(X)	86.2	80.8	88.6	89.6	89.1	82.1
<b>Carpooled</b> .....	<b>33.8</b>	<b>3,500</b>	<b>540</b>	<b>655</b>	<b>510</b>	<b>735</b>	<b>1,060</b>
Row percent .....	(X)	100.0	15.4	18.7	14.6	21.0	30.3
Column percent .....	(X)	10.8	9.4	8.6	9.5	10.2	16.7
<b>Public transportation (including taxicab)</b> .....	<b>31.2</b>	<b>35</b>	<b>0</b>	<b>15</b>	<b>4</b>	<b>15</b>	<b>4</b>
Row percent .....	(X)	100.0	0.0	42.9	11.4	42.9	11.4
Column percent .....	(X)	0.1	0.0	0.2	0.1	0.2	0.1
<b>Bicycle or walked</b> .....	<b>8.4</b>	<b>735</b>	<b>505</b>	<b>145</b>	<b>45</b>	<b>15</b>	<b>30</b>
Row percent .....	(X)	100.0	68.7	19.7	6.1	2.0	4.1
Column percent .....	(X)	2.3	8.8	1.9	0.8	0.2	0.5
<b>Motorcycle or other means</b> .....	<b>47.8</b>	<b>180</b>	<b>65</b>	<b>55</b>	<b>4</b>	<b>15</b>	<b>40</b>
Row percent .....	(X)	100.0	36.1	30.6	2.2	8.3	22.2
Column percent .....	(X)	0.6	1.1	0.7	0.1	0.2	0.6

<sup>1</sup> See the entry for this item in the Technical Notes in the root directory or state subdirectories (filename: tech\_notes.txt).  
(X) Not applicable.  
Source: U.S. Census Bureau. Census of Population and Housing, 1990 and 2000 long-form (sample) data.