



## CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

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

**Geographic Area: Charlevoix County, Michigan**

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
<b>POPULATION</b>						
<b>Total population</b> .....	21,468	100.0	26,090	100.0	4,622	21.5
In households .....	21,327	99.3	25,801	98.9	4,474	21.0
In group quarters .....	141	0.7	289	1.1	148	105.0
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	8,232	100.0	10,373	100.0	2,141	26.0
1-person household .....	1,859	22.6	2,607	25.1	748	40.2
2-person household .....	2,883	35.0	3,910	37.7	1,027	35.6
3-person household .....	1,376	16.7	1,502	14.5	126	9.2
4-person household .....	1,286	15.6	1,402	13.5	116	9.0
5-or-more-person household .....	828	10.1	952	9.2	124	15.0
Mean number of persons per household .....	2.59	(X)	2.49	(X)	-0.10	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	8,232	100.0	10,373	100.0	2,141	26.0
No vehicle available .....	537	6.5	476	4.6	-61	-11.4
1 vehicle available .....	2,836	34.5	3,405	32.8	569	20.1
2 vehicles available .....	3,385	41.1	4,396	42.4	1,011	29.9
3 vehicles available .....	1,095	13.3	1,630	15.7	535	48.9
4 vehicles available .....	243	3.0	331	3.2	88	36.2
5 or more vehicles available .....	136	1.7	135	1.3	-1	-0.7
Mean vehicles per household .....	1.77	(X)	1.84	(X)	0.07	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	9,478	100.0	11,780	100.0	2,302	24.3
Male .....	5,290	55.8	6,275	53.3	985	18.6
Female .....	4,188	44.2	5,510	46.8	1,322	31.6
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	9,478	100.0	11,782	100.0	2,304	24.3
Drove alone .....	7,315	77.2	9,544	81.0	2,229	30.5
Carpooled .....	1,113	11.7	1,248	10.6	135	12.1
Public transportation (including taxicab) .....	55	0.6	72	0.6	17	30.9
Bicycle or walked .....	461	4.9	310	2.6	-151	-32.8
Motorcycle or other means .....	134	1.4	111	0.9	-23	-17.2
Worked at home .....	400	4.2	497	4.2	97	24.2
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	9,078	100.0	11,285	100.0	2,207	24.3
Less than 5 minutes .....	884	9.7	830	7.4	-54	-6.1
5 to 9 minutes .....	2,179	24.0	2,139	19.0	-40	-1.8
10 to 14 minutes .....	1,777	19.6	2,031	18.0	254	14.3
15 to 19 minutes .....	1,303	14.4	1,687	14.9	384	29.5
20 to 29 minutes .....	1,646	18.1	2,222	19.7	576	35.0
30 to 44 minutes .....	880	9.7	1,508	13.4	628	71.4
45 or more minutes .....	409	4.5	868	7.7	459	112.2
Mean travel time to work (minutes) .....	15.2	(X)	19.8	(X)	4.5	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	9,078	100.0	11,285	100.0	2,207	24.3
5:00 a.m. to 6:59 a.m. ....	2,657	29.3	2,775	24.6	118	4.4
7:00 a.m. to 7:59 a.m. ....	2,505	27.6	3,407	30.2	902	36.0
8:00 a.m. to 8:59 a.m. ....	1,632	18.0	2,053	18.2	421	25.8
9:00 a.m. to 9:59 a.m. ....	509	5.6	623	5.5	114	22.4
10:00 a.m. to 11:59 a.m. ....	251	2.8	311	2.8	60	23.9
12:00 p.m. to 11:59 p.m. ....	1,368	15.1	1,723	15.3	355	26.0
12:00 a.m. to 4:59 a.m. ....	156	1.7	393	3.5	237	151.9

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: Charlevoix County, Michigan

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
<b>Total population</b> .....	26,090	100.0
Under 16 years .....	5,993	23.0
16 to 20 years .....	1,685	6.5
21 to 24 years .....	884	3.4
25 to 44 years .....	7,085	27.2
45 to 64 years .....	6,577	25.2
65 years and over .....	3,866	14.8
Mean age (years) .....	38.0	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
<b>Total households</b> .....	10,373	100.0
Less than \$15,000 .....	1,413	13.6
\$15,000 to 19,999 .....	700	6.7
\$20,000 to 24,999 .....	726	7.0
\$25,000 to 49,999 .....	3,698	35.7
\$50,000 to 74,999 .....	2,127	20.5
\$75,000 to 99,999 .....	891	8.6
\$100,000 or more .....	818	7.9
Mean household income (dollars) .....	50,238	(X)
Median household income (dollars) .....	39,788	(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>1.84</b>	<b>10,375</b>	<b>475</b>	<b>3,405</b>	<b>4,395</b>	<b>1,630</b>	<b>465</b>
Row percent .....	(X)	100.0	4.6	32.8	42.4	15.7	4.5
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>1.13</b>	<b>2,605</b>	<b>315</b>	<b>1,770</b>	<b>410</b>	<b>95</b>	<b>15</b>
Row percent .....	(X)	100.0	12.1	67.9	15.7	3.6	0.6
Column percent .....	(X)	25.1	66.3	52.0	9.3	5.8	3.2
<b>2-person household</b> .....	<b>1.90</b>	<b>3,910</b>	<b>105</b>	<b>985</b>	<b>2,180</b>	<b>530</b>	<b>110</b>
Row percent .....	(X)	100.0	2.7	25.2	55.8	13.6	2.8
Column percent .....	(X)	37.7	22.1	28.9	49.6	32.5	23.7
<b>3-person household</b> .....	<b>2.15</b>	<b>1,500</b>	<b>40</b>	<b>320</b>	<b>635</b>	<b>420</b>	<b>85</b>
Row percent .....	(X)	100.0	2.7	21.3	42.3	28.0	5.7
Column percent .....	(X)	14.5	8.4	9.4	14.4	25.8	18.3
<b>4-or-more-person household</b> .....	<b>2.35</b>	<b>2,355</b>	<b>15</b>	<b>335</b>	<b>1,170</b>	<b>585</b>	<b>250</b>
Row percent .....	(X)	100.0	0.6	14.2	49.7	24.8	10.6
Column percent .....	(X)	22.7	3.2	9.8	26.6	35.9	53.8

### 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>19.8</b>	<b>11,285</b>	<b>2,970</b>	<b>3,720</b>	<b>2,220</b>	<b>1,510</b>	<b>870</b>
Row percent .....	(X)	100.0	26.3	33.0	19.7	13.4	7.7
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>19.5</b>	<b>9,545</b>	<b>2,485</b>	<b>3,215</b>	<b>1,900</b>	<b>1,235</b>	<b>710</b>
Row percent .....	(X)	100.0	26.0	33.7	19.9	12.9	7.4
Column percent .....	(X)	84.6	83.7	86.4	85.6	81.8	81.6
<b>Carpooled</b> .....	<b>21.2</b>	<b>1,250</b>	<b>275</b>	<b>375</b>	<b>265</b>	<b>235</b>	<b>100</b>
Row percent .....	(X)	100.0	22.0	30.0	21.2	18.8	8.0
Column percent .....	(X)	11.1	9.3	10.1	11.9	15.6	11.5
<b>Public transportation (including taxicab)</b> .....	<b>57.5</b>	<b>70</b>	<b>4</b>	<b>4</b>	<b>15</b>	<b>4</b>	<b>40</b>
Row percent .....	(X)	100.0	5.7	5.7	21.4	5.7	57.1
Column percent .....	(X)	0.6	0.1	0.1	0.7	0.3	4.6
<b>Bicycle or walked</b> .....	<b>9.9</b>	<b>310</b>	<b>165</b>	<b>100</b>	<b>30</b>	<b>15</b>	<b>4</b>
Row percent .....	(X)	100.0	53.2	32.3	9.7	4.8	1.3
Column percent .....	(X)	2.7	5.6	2.7	1.4	1.0	0.5
<b>Motorcycle or other means</b> .....	<b>34.2</b>	<b>110</b>	<b>40</b>	<b>25</b>	<b>10</b>	<b>20</b>	<b>15</b>
Row percent .....	(X)	100.0	36.4	22.7	9.1	18.2	13.6
Column percent .....	(X)	1.0	1.3	0.7	0.5	1.3	1.7

<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.