



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

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

**Geographic Area: Alpena County, Michigan**

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
<b>POPULATION</b>						
<b>Total population</b> .....	30,605	100.0	31,314	100.0	709	2.3
In households .....	30,339	99.1	30,746	98.2	407	1.3
In group quarters .....	266	0.9	568	1.8	302	113.5
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	11,809	100.0	12,877	100.0	1,068	9.0
1-person household .....	2,938	24.9	3,536	27.5	598	20.4
2-person household .....	3,959	33.5	4,751	36.9	792	20.0
3-person household .....	1,917	16.2	1,923	14.9	6	0.3
4-person household .....	1,806	15.3	1,624	12.6	-182	-10.1
5-or-more-person household .....	1,189	10.1	1,043	8.1	-146	-12.3
Mean number of persons per household .....	2.57	(X)	2.39	(X)	-0.18	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	11,809	100.0	12,877	100.0	1,068	9.0
No vehicle available .....	844	7.1	945	7.3	101	12.0
1 vehicle available .....	4,074	34.5	4,256	33.1	182	4.5
2 vehicles available .....	4,856	41.1	5,472	42.5	616	12.7
3 vehicles available .....	1,541	13.0	1,568	12.2	27	1.8
4 vehicles available .....	362	3.1	455	3.5	93	25.7
5 or more vehicles available .....	132	1.1	181	1.4	49	37.1
Mean vehicles per household .....	1.74	(X)	1.76	(X)	0.02	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	12,187	100.0	13,665	100.0	1,478	12.1
Male .....	6,777	55.6	7,150	52.3	373	5.5
Female .....	5,410	44.4	6,515	47.7	1,105	20.4
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	12,187	100.0	13,666	100.0	1,479	12.1
Drove alone .....	10,024	82.3	11,452	83.8	1,428	14.2
Carpooled .....	1,016	8.3	1,092	8.0	76	7.5
Public transportation (including taxicab) .....	88	0.7	55	0.4	-33	-37.5
Bicycle or walked .....	418	3.4	372	2.7	-46	-11.0
Motorcycle or other means .....	129	1.1	118	0.9	-11	-8.5
Worked at home .....	512	4.2	577	4.2	65	12.7
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	11,675	100.0	13,089	100.0	1,414	12.1
Less than 5 minutes .....	1,077	9.2	827	6.3	-250	-23.2
5 to 9 minutes .....	3,078	26.4	3,061	23.4	-17	-0.6
10 to 14 minutes .....	2,551	21.9	2,886	22.0	335	13.1
15 to 19 minutes .....	1,724	14.8	2,171	16.6	447	25.9
20 to 29 minutes .....	1,809	15.5	2,267	17.3	458	25.3
30 to 44 minutes .....	1,029	8.8	1,207	9.2	178	17.3
45 or more minutes .....	407	3.5	670	5.1	263	64.6
Mean travel time to work (minutes) .....	14.4	(X)	17.0	(X)	2.6	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	11,675	100.0	13,089	100.0	1,414	12.1
5:00 a.m. to 6:59 a.m. ....	2,746	23.5	3,148	24.1	402	14.6
7:00 a.m. to 7:59 a.m. ....	3,420	29.3	3,851	29.4	431	12.6
8:00 a.m. to 8:59 a.m. ....	2,274	19.5	2,089	16.0	-185	-8.1
9:00 a.m. to 9:59 a.m. ....	772	6.6	797	6.1	25	3.2
10:00 a.m. to 11:59 a.m. ....	379	3.2	433	3.3	54	14.2
12:00 p.m. to 11:59 p.m. ....	1,825	15.6	2,241	17.1	416	22.8
12:00 a.m. to 4:59 a.m. ....	259	2.2	530	4.0	271	104.6

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: Alpena County, Michigan**

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
Total population .....	31,314	100.0
Under 16 years .....	6,510	20.8
16 to 20 years .....	2,201	7.0
21 to 24 years .....	1,204	3.8
25 to 44 years .....	8,246	26.3
45 to 64 years .....	7,796	24.9
65 years and over .....	5,357	17.1
Mean age (years) .....	39.5	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
Total households .....	12,877	100.0
Less than \$15,000 .....	2,452	19.0
\$15,000 to 19,999 .....	1,095	8.5
\$20,000 to 24,999 .....	1,114	8.7
\$25,000 to 49,999 .....	4,282	33.3
\$50,000 to 74,999 .....	2,440	18.9
\$75,000 to 99,999 .....	964	7.5
\$100,000 or more .....	530	4.1
Mean household income (dollars) .....	42,473	(X)
Median household income (dollars) .....	34,177	(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>1.76</b>	<b>12,875</b>	<b>945</b>	<b>4,255</b>	<b>5,470</b>	<b>1,570</b>	<b>635</b>
Row percent .....	(X)	100.0	7.3	33.0	42.5	12.2	4.9
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>1.03</b>	<b>3,535</b>	<b>630</b>	<b>2,370</b>	<b>410</b>	<b>65</b>	<b>55</b>
Row percent .....	(X)	100.0	17.8	67.0	11.6	1.8	1.6
Column percent .....	(X)	27.5	66.7	55.7	7.5	4.1	8.7
<b>2-person household</b> .....	<b>1.84</b>	<b>4,750</b>	<b>150</b>	<b>1,245</b>	<b>2,760</b>	<b>475</b>	<b>120</b>
Row percent .....	(X)	100.0	3.2	26.2	58.1	10.0	2.5
Column percent .....	(X)	36.9	15.9	29.3	50.5	30.3	18.9
<b>3-person household</b> .....	<b>2.14</b>	<b>1,925</b>	<b>70</b>	<b>365</b>	<b>865</b>	<b>500</b>	<b>120</b>
Row percent .....	(X)	100.0	3.6	19.0	44.9	26.0	6.2
Column percent .....	(X)	15.0	7.4	8.6	15.8	31.8	18.9
<b>4-or-more-person household</b> .....	<b>2.32</b>	<b>2,665</b>	<b>95</b>	<b>275</b>	<b>1,435</b>	<b>525</b>	<b>340</b>
Row percent .....	(X)	100.0	3.6	10.3	53.8	19.7	12.8
Column percent .....	(X)	20.7	10.1	6.5	26.2	33.4	53.5

**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>17.0</b>	<b>13,090</b>	<b>3,890</b>	<b>5,055</b>	<b>2,265</b>	<b>1,205</b>	<b>670</b>
Row percent .....	(X)	100.0	29.7	38.6	17.3	9.2	5.1
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>16.4</b>	<b>11,450</b>	<b>3,400</b>	<b>4,555</b>	<b>2,005</b>	<b>990</b>	<b>500</b>
Row percent .....	(X)	100.0	29.7	39.8	17.5	8.6	4.4
Column percent .....	(X)	87.5	87.4	90.1	88.5	82.2	74.6
<b>Carpooled</b> .....	<b>23.3</b>	<b>1,090</b>	<b>230</b>	<b>375</b>	<b>220</b>	<b>145</b>	<b>120</b>
Row percent .....	(X)	100.0	21.1	34.4	20.2	13.3	11.0
Column percent .....	(X)	8.3	5.9	7.4	9.7	12.0	17.9
<b>Public transportation (including taxicab)</b> .....	<b>25.7</b>	<b>55</b>	<b>10</b>	<b>20</b>	<b>10</b>	<b>10</b>	<b>10</b>
Row percent .....	(X)	100.0	18.2	36.4	18.2	18.2	18.2
Column percent .....	(X)	0.4	0.3	0.4	0.4	0.8	1.5
<b>Bicycle or walked</b> .....	<b>9.7</b>	<b>370</b>	<b>220</b>	<b>85</b>	<b>25</b>	<b>40</b>	<b>4</b>
Row percent .....	(X)	100.0	59.5	23.0	6.8	10.8	1.1
Column percent .....	(X)	2.8	5.7	1.7	1.1	3.3	0.6
<b>Motorcycle or other means</b> .....	<b>42.5</b>	<b>120</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>30</b>	<b>30</b>
Row percent .....	(X)	100.0	25.0	16.7	8.3	25.0	25.0
Column percent .....	(X)	0.9	0.8	0.4	0.4	2.5	4.5

<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.