



## CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

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

**Geographic Area: North Reading town, Middlesex County, Massachusetts**

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
<b>POPULATION</b>						
<b>Total population</b> .....	12,002	100.0	13,837	100.0	1,835	15.3
In households .....	11,773	98.1	13,713	99.1	1,940	16.5
In group quarters .....	229	1.9	124	0.9	-105	-45.9
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	4,072	100.0	4,784	100.0	712	17.5
1-person household .....	661	16.2	859	18.0	198	30.0
2-person household .....	1,201	29.5	1,391	29.1	190	15.8
3-person household .....	869	21.3	931	19.5	62	7.1
4-person household .....	791	19.4	1,005	21.0	214	27.1
5-or-more-person household .....	550	13.5	598	12.5	48	8.7
Mean number of persons per household .....	2.89	(X)	2.87	(X)	-0.02	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	4,072	100.0	4,784	100.0	712	17.5
No vehicle available .....	106	2.6	178	3.7	72	67.9
1 vehicle available .....	1,012	24.9	979	20.5	-33	-3.3
2 vehicles available .....	1,968	48.3	2,597	54.3	629	32.0
3 vehicles available .....	701	17.2	750	15.7	49	7.0
4 vehicles available .....	233	5.7	226	4.7	-7	-3.0
5 or more vehicles available .....	52	1.3	54	1.1	2	3.8
Mean vehicles per household .....	2.04	(X)	2.01	(X)	-0.03	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	6,517	100.0	7,325	100.0	808	12.4
Male .....	3,530	54.2	3,910	53.4	380	10.8
Female .....	2,987	45.8	3,415	46.6	428	14.3
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	6,517	100.0	7,326	100.0	809	12.4
Drove alone .....	5,473	84.0	6,141	83.8	668	12.2
Carpooled .....	611	9.4	538	7.3	-73	-11.9
Public transportation (including taxicab) .....	162	2.5	175	2.4	13	8.0
Bicycle or walked .....	109	1.7	77	1.1	-32	-29.4
Motorcycle or other means .....	8	0.1	50	0.7	42	525.0
Worked at home .....	154	2.4	345	4.7	191	124.0
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	6,363	100.0	6,981	100.0	618	9.7
Less than 5 minutes .....	197	3.1	124	1.8	-73	-37.1
5 to 9 minutes .....	643	10.1	528	7.6	-115	-17.9
10 to 14 minutes .....	740	11.6	666	9.5	-74	-10.0
15 to 19 minutes .....	1,111	17.5	661	9.5	-450	-40.5
20 to 29 minutes .....	1,277	20.1	1,479	21.2	202	15.8
30 to 44 minutes .....	1,577	24.8	2,051	29.4	474	30.1
45 or more minutes .....	818	12.9	1,472	21.1	654	80.0
Mean travel time to work (minutes) .....	23.8	(X)	30.3	(X)	6.5	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	6,363	100.0	6,981	100.0	618	9.7
5:00 a.m. to 6:59 a.m. ....	1,436	22.6	1,736	24.9	300	20.9
7:00 a.m. to 7:59 a.m. ....	2,257	35.5	2,288	32.8	31	1.4
8:00 a.m. to 8:59 a.m. ....	1,552	24.4	1,452	20.8	-100	-6.4
9:00 a.m. to 9:59 a.m. ....	248	3.9	462	6.6	214	86.3
10:00 a.m. to 11:59 a.m. ....	205	3.2	311	4.5	106	51.7
12:00 p.m. to 11:59 p.m. ....	607	9.5	632	9.1	25	4.1
12:00 a.m. to 4:59 a.m. ....	58	0.9	100	1.4	42	72.4

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: North Reading town, Middlesex County, Massachusetts**

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
<b>Total population</b> .....	13,837	100.0
Under 16 years .....	3,394	24.5
16 to 20 years .....	798	5.8
21 to 24 years .....	363	2.6
25 to 44 years .....	4,340	31.4
45 to 64 years .....	3,493	25.2
65 years and over .....	1,449	10.5
Mean age (years) .....	35.9	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
<b>Total households</b> .....	4,784	100.0
Less than \$15,000 .....	194	4.1
\$15,000 to 19,999 .....	121	2.5
\$20,000 to 24,999 .....	193	4.0
\$25,000 to 49,999 .....	882	18.4
\$50,000 to 74,999 .....	917	19.2
\$75,000 to 99,999 .....	954	19.9
\$100,000 or more .....	1,523	31.8
Mean household income (dollars) .....	89,211	(X)
Median household income (dollars) .....	76,962	(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>2.01</b>	<b>4,785</b>	<b>180</b>	<b>980</b>	<b>2,595</b>	<b>750</b>	<b>280</b>
Row percent .....	(X)	100.0	3.8	20.5	54.2	15.7	5.9
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>0.99</b>	<b>860</b>	<b>140</b>	<b>635</b>	<b>55</b>	<b>20</b>	<b>10</b>
Row percent .....	(X)	100.0	16.3	73.8	6.4	2.3	1.2
Column percent .....	(X)	18.0	77.8	64.8	2.1	2.7	3.6
<b>2-person household</b> .....	<b>1.89</b>	<b>1,390</b>	<b>30</b>	<b>235</b>	<b>980</b>	<b>135</b>	<b>10</b>
Row percent .....	(X)	100.0	2.2	16.9	70.5	9.7	0.7
Column percent .....	(X)	29.0	16.7	24.0	37.8	18.0	3.6
<b>3-person household</b> .....	<b>2.33</b>	<b>930</b>	<b>4</b>	<b>60</b>	<b>535</b>	<b>295</b>	<b>40</b>
Row percent .....	(X)	100.0	0.4	6.5	57.5	31.7	4.3
Column percent .....	(X)	19.4	2.2	6.1	20.6	39.3	14.3
<b>4-or-more-person household</b> .....	<b>2.47</b>	<b>1,605</b>	<b>4</b>	<b>50</b>	<b>1,030</b>	<b>300</b>	<b>220</b>
Row percent .....	(X)	100.0	0.2	3.1	64.2	18.7	13.7
Column percent .....	(X)	33.5	2.2	5.1	39.7	40.0	78.6

### 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>30.3</b>	<b>6,980</b>	<b>650</b>	<b>1,325</b>	<b>1,480</b>	<b>2,050</b>	<b>1,470</b>
Row percent .....	(X)	100.0	9.3	19.0	21.2	29.4	21.1
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>29.4</b>	<b>6,140</b>	<b>555</b>	<b>1,185</b>	<b>1,395</b>	<b>1,860</b>	<b>1,140</b>
Row percent .....	(X)	100.0	9.0	19.3	22.7	30.3	18.6
Column percent .....	(X)	88.0	85.4	89.4	94.3	90.7	77.6
<b>Carpooled</b> .....	<b>31.8</b>	<b>540</b>	<b>60</b>	<b>130</b>	<b>40</b>	<b>145</b>	<b>160</b>
Row percent .....	(X)	100.0	11.1	24.1	7.4	26.9	29.6
Column percent .....	(X)	7.7	9.2	9.8	2.7	7.1	10.9
<b>Public transportation (including taxicab)</b> .....	<b>58.0</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>150</b>
Row percent .....	(X)	100.0	0.0	0.0	0.0	14.3	85.7
Column percent .....	(X)	2.5	0.0	0.0	0.0	1.2	10.2
<b>Bicycle or walked</b> .....	<b>16.3</b>	<b>75</b>	<b>25</b>	<b>10</b>	<b>35</b>	<b>10</b>	<b>0</b>
Row percent .....	(X)	100.0	33.3	13.3	46.7	13.3	0.0
Column percent .....	(X)	1.1	3.8	0.8	2.4	0.5	0.0
<b>Motorcycle or other means</b> .....	<b>37.5</b>	<b>50</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>25</b>
Row percent .....	(X)	100.0	20.0	0.0	20.0	20.0	50.0
Column percent .....	(X)	0.7	1.5	0.0	0.7	0.5	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.