



## CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

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

**Geographic Area: Chelmsford 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> .....	32,375	100.0	33,858	100.0	1,483	4.6
In households .....	32,129	99.2	33,379	98.6	1,250	3.9
In group quarters .....	246	0.8	479	1.4	233	94.7
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	11,453	100.0	12,826	100.0	1,373	12.0
1-person household .....	1,972	17.2	2,969	23.1	997	50.6
2-person household .....	3,593	31.4	4,181	32.6	588	16.4
3-person household .....	2,295	20.0	2,258	17.6	-37	-1.6
4-person household .....	2,259	19.7	2,236	17.4	-23	-1.0
5-or-more-person household .....	1,334	11.6	1,182	9.2	-152	-11.4
Mean number of persons per household .....	2.81	(X)	2.60	(X)	-0.20	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	11,453	100.0	12,826	100.0	1,373	12.0
No vehicle available .....	404	3.5	622	4.8	218	54.0
1 vehicle available .....	2,651	23.1	3,683	28.7	1,032	38.9
2 vehicles available .....	5,783	50.5	6,164	48.1	381	6.6
3 vehicles available .....	1,766	15.4	1,720	13.4	-46	-2.6
4 vehicles available .....	629	5.5	524	4.1	-105	-16.7
5 or more vehicles available .....	220	1.9	113	0.9	-107	-48.6
Mean vehicles per household .....	2.03	(X)	1.86	(X)	-0.17	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	18,276	100.0	17,930	100.0	-346	-1.9
Male .....	9,857	53.9	9,380	52.3	-477	-4.8
Female .....	8,419	46.1	8,550	47.7	131	1.6
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	18,276	100.0	17,929	100.0	-347	-1.9
Drove alone .....	15,898	87.0	15,736	87.8	-162	-1.0
Carpooled .....	1,406	7.7	1,072	6.0	-334	-23.8
Public transportation (including taxicab) .....	232	1.3	411	2.3	179	77.2
Bicycle or walked .....	277	1.5	122	0.7	-155	-56.0
Motorcycle or other means .....	99	0.5	50	0.3	-49	-49.5
Worked at home .....	364	2.0	538	3.0	174	47.8
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	17,912	100.0	17,391	100.0	-521	-2.9
Less than 5 minutes .....	397	2.2	251	1.4	-146	-36.8
5 to 9 minutes .....	1,643	9.2	1,328	7.6	-315	-19.2
10 to 14 minutes .....	2,688	15.0	2,517	14.5	-171	-6.4
15 to 19 minutes .....	2,962	16.5	2,411	13.9	-551	-18.6
20 to 29 minutes .....	4,373	24.4	3,717	21.4	-656	-15.0
30 to 44 minutes .....	3,800	21.2	3,969	22.8	169	4.4
45 or more minutes .....	2,049	11.4	3,198	18.4	1,149	56.1
Mean travel time to work (minutes) .....	23.1	(X)	27.6	(X)	4.5	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	17,912	100.0	17,391	100.0	-521	-2.9
5:00 a.m. to 6:59 a.m. ....	3,894	21.7	4,133	23.8	239	6.1
7:00 a.m. to 7:59 a.m. ....	6,555	36.6	6,123	35.2	-432	-6.6
8:00 a.m. to 8:59 a.m. ....	4,041	22.6	3,549	20.4	-492	-12.2
9:00 a.m. to 9:59 a.m. ....	1,018	5.7	1,017	5.8	-1	-0.1
10:00 a.m. to 11:59 a.m. ....	413	2.3	487	2.8	74	17.9
12:00 p.m. to 11:59 p.m. ....	1,790	10.0	1,739	10.0	-51	-2.8
12:00 a.m. to 4:59 a.m. ....	201	1.1	343	2.0	142	70.6

<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.

# CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)



## Table 2. Profile of Selected 2000 Characteristics

Geographic Area: Chelmsford town, Middlesex County, Massachusetts

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
<b>Total population</b> .....	33,858	100.0
Under 16 years .....	7,573	22.4
16 to 20 years .....	1,680	5.0
21 to 24 years .....	951	2.8
25 to 44 years .....	10,473	30.9
45 to 64 years .....	8,784	25.9
65 years and over .....	4,397	13.0
Mean age (years) .....	37.8	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
<b>Total households</b> .....	12,826	100.0
Less than \$15,000 .....	923	7.2
\$15,000 to 19,999 .....	399	3.1
\$20,000 to 24,999 .....	488	3.8
\$25,000 to 49,999 .....	2,540	19.8
\$50,000 to 74,999 .....	2,589	20.2
\$75,000 to 99,999 .....	2,247	17.5
\$100,000 or more .....	3,640	28.4
Mean household income (dollars) .....	79,512	(X)
Median household income (dollars) .....	70,207	(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>1.86</b>	<b>12,825</b>	<b>620</b>	<b>3,685</b>	<b>6,165</b>	<b>1,720</b>	<b>635</b>
Row percent .....	(X)	100.0	4.8	28.7	48.1	13.4	5.0
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>0.96</b>	<b>2,970</b>	<b>495</b>	<b>2,180</b>	<b>255</b>	<b>10</b>	<b>30</b>
Row percent .....	(X)	100.0	16.7	73.4	8.6	0.3	1.0
Column percent .....	(X)	23.2	79.8	59.2	4.1	0.6	4.7
<b>2-person household</b> .....	<b>1.82</b>	<b>4,180</b>	<b>55</b>	<b>1,050</b>	<b>2,740</b>	<b>290</b>	<b>45</b>
Row percent .....	(X)	100.0	1.3	25.1	65.6	6.9	1.1
Column percent .....	(X)	32.6	8.9	28.5	44.4	16.9	7.1
<b>3-person household</b> .....	<b>2.29</b>	<b>2,260</b>	<b>25</b>	<b>250</b>	<b>1,175</b>	<b>695</b>	<b>110</b>
Row percent .....	(X)	100.0	1.1	11.1	52.0	30.8	4.9
Column percent .....	(X)	17.6	4.0	6.8	19.1	40.4	17.3
<b>4-or-more-person household</b> .....	<b>2.41</b>	<b>3,420</b>	<b>50</b>	<b>205</b>	<b>1,990</b>	<b>725</b>	<b>450</b>
Row percent .....	(X)	100.0	1.5	6.0	58.2	21.2	13.2
Column percent .....	(X)	26.7	8.1	5.6	32.3	42.2	70.9

### 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>17,390</b>	<b>1,580</b>	<b>4,930</b>	<b>3,715</b>	<b>3,970</b>	<b>3,200</b>
Row percent .....	(X)	100.0	9.1	28.3	21.4	22.8	18.4
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>26.6</b>	<b>15,735</b>	<b>1,390</b>	<b>4,520</b>	<b>3,485</b>	<b>3,685</b>	<b>2,655</b>
Row percent .....	(X)	100.0	8.8	28.7	22.1	23.4	16.9
Column percent .....	(X)	90.5	88.0	91.7	93.8	92.8	83.0
<b>Carpooled</b> .....	<b>26.1</b>	<b>1,070</b>	<b>105</b>	<b>330</b>	<b>215</b>	<b>230</b>	<b>190</b>
Row percent .....	(X)	100.0	9.8	30.8	20.1	21.5	17.8
Column percent .....	(X)	6.2	6.6	6.7	5.8	5.8	5.9
<b>Public transportation (including taxicab)</b> ..	<b>76.9</b>	<b>410</b>	<b>0</b>	<b>15</b>	<b>10</b>	<b>40</b>	<b>350</b>
Row percent .....	(X)	100.0	0.0	3.7	2.4	9.8	85.4
Column percent .....	(X)	2.4	0.0	0.3	0.3	1.0	10.9
<b>Bicycle or walked</b> .....	<b>7.6</b>	<b>120</b>	<b>75</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>4</b>
Row percent .....	(X)	100.0	62.5	33.3	0.0	0.0	3.3
Column percent .....	(X)	0.7	4.7	0.8	0.0	0.0	0.1
<b>Motorcycle or other means</b> .....	<b>19.4</b>	<b>50</b>	<b>4</b>	<b>25</b>	<b>4</b>	<b>15</b>	<b>0</b>
Row percent .....	(X)	100.0	8.0	50.0	8.0	30.0	0.0
Column percent .....	(X)	0.3	0.3	0.5	0.1	0.4	0.0

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Source: U.S. Census Bureau. Census of Population and Housing, 1990 and 2000 long-form (sample) data.