



## CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

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

**Geographic Area: Essex County, Massachusetts**

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
<b>POPULATION</b>						
<b>Total population</b> .....	670,080	100.0	723,419	100.0	53,339	8.0
In households .....	655,981	97.9	706,478	97.7	50,497	7.7
In group quarters .....	14,099	2.1	16,941	2.3	2,842	20.2
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	250,789	100.0	275,410	100.0	24,621	9.8
1-person household .....	62,639	25.0	74,486	27.0	11,847	18.9
2-person household .....	76,696	30.6	84,350	30.6	7,654	10.0
3-person household .....	44,595	17.8	45,265	16.4	670	1.5
4-person household .....	40,371	16.1	42,286	15.4	1,915	4.7
5-or-more-person household .....	26,488	10.6	29,023	10.5	2,535	9.6
Mean number of persons per household .....	2.62	(X)	2.57	(X)	-0.05	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	250,789	100.0	275,410	100.0	24,621	9.8
No vehicle available .....	31,509	12.6	29,999	10.9	-1,510	-4.8
1 vehicle available .....	88,923	35.5	98,707	35.8	9,784	11.0
2 vehicles available .....	94,658	37.7	110,425	40.1	15,767	16.7
3 vehicles available .....	25,421	10.1	27,139	9.9	1,718	6.8
4 vehicles available .....	7,530	3.0	6,830	2.5	-700	-9.3
5 or more vehicles available .....	2,748	1.1	2,310	0.8	-438	-15.9
Mean vehicles per household .....	1.59	(X)	1.60	(X)	0.01	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	324,829	100.0	343,630	100.0	18,801	5.8
Male .....	172,109	53.0	179,045	52.1	6,936	4.0
Female .....	152,720	47.0	164,590	47.9	11,870	7.8
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	324,829	100.0	343,631	100.0	18,802	5.8
Drove alone .....	252,008	77.6	270,604	78.7	18,596	7.4
Carpooled .....	35,777	11.0	32,332	9.4	-3,445	-9.6
Public transportation (including taxicab) .....	13,801	4.2	16,820	4.9	3,019	21.9
Bicycle or walked .....	13,414	4.1	10,237	3.0	-3,177	-23.7
Motorcycle or other means .....	2,049	0.6	2,355	0.7	306	14.9
Worked at home .....	7,780	2.4	11,283	3.3	3,503	45.0
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	317,049	100.0	332,348	100.0	15,299	4.8
Less than 5 minutes .....	12,092	3.8	9,610	2.9	-2,482	-20.5
5 to 9 minutes .....	43,154	13.6	37,349	11.2	-5,805	-13.5
10 to 14 minutes .....	55,787	17.6	51,892	15.6	-3,895	-7.0
15 to 19 minutes .....	50,525	15.9	48,672	14.6	-1,853	-3.7
20 to 29 minutes .....	53,551	16.9	57,401	17.3	3,850	7.2
30 to 44 minutes .....	53,447	16.9	61,195	18.4	7,748	14.5
45 or more minutes .....	48,493	15.3	66,229	19.9	17,736	36.6
Mean travel time to work (minutes) .....	22.9	(X)	27.1	(X)	4.2	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	317,049	100.0	332,348	100.0	15,299	4.8
5:00 a.m. to 6:59 a.m. ....	83,547	26.4	88,898	26.7	5,351	6.4
7:00 a.m. to 7:59 a.m. ....	98,770	31.2	100,787	30.3	2,017	2.0
8:00 a.m. to 8:59 a.m. ....	63,317	20.0	64,629	19.4	1,312	2.1
9:00 a.m. to 9:59 a.m. ....	16,259	5.1	18,168	5.5	1,909	11.7
10:00 a.m. to 11:59 a.m. ....	8,686	2.7	10,373	3.1	1,687	19.4
12:00 p.m. to 11:59 p.m. ....	41,498	13.1	41,454	12.5	-44	-0.1
12:00 a.m. to 4:59 a.m. ....	4,972	1.6	8,039	2.4	3,067	61.7

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: Essex County, Massachusetts**

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
<b>Total population</b> .....	723,419	100.0
Under 16 years .....	162,935	22.5
16 to 20 years .....	43,274	6.0
21 to 24 years .....	30,107	4.2
25 to 44 years .....	219,950	30.4
45 to 64 years .....	166,930	23.1
65 years and over .....	100,223	13.9
Mean age (years) .....	37.2	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
<b>Total households</b> .....	275,410	100.0
Less than \$15,000 .....	39,101	14.2
\$15,000 to 19,999 .....	13,535	4.9
\$20,000 to 24,999 .....	13,751	5.0
\$25,000 to 49,999 .....	66,519	24.2
\$50,000 to 74,999 .....	54,048	19.6
\$75,000 to 99,999 .....	36,066	13.1
\$100,000 or more .....	52,390	19.0
Mean household income (dollars) .....	68,548	(X)
Median household income (dollars) .....	51,576	(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>1.60</b>	<b>275,410</b>	<b>30,000</b>	<b>98,705</b>	<b>110,425</b>	<b>27,140</b>	<b>9,140</b>
Row percent .....	(X)	100.0	10.9	35.8	40.1	9.9	3.3
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>0.88</b>	<b>74,485</b>	<b>17,735</b>	<b>50,320</b>	<b>5,175</b>	<b>790</b>	<b>460</b>
Row percent .....	(X)	100.0	23.8	67.6	6.9	1.1	0.6
Column percent .....	(X)	27.0	59.1	51.0	4.7	2.9	5.0
<b>2-person household</b> .....	<b>1.64</b>	<b>84,350</b>	<b>5,605</b>	<b>26,320</b>	<b>46,645</b>	<b>4,775</b>	<b>1,005</b>
Row percent .....	(X)	100.0	6.6	31.2	55.3	5.7	1.2
Column percent .....	(X)	30.6	18.7	26.7	42.2	17.6	11.0
<b>3-person household</b> .....	<b>1.93</b>	<b>45,265</b>	<b>2,840</b>	<b>10,290</b>	<b>21,295</b>	<b>9,520</b>	<b>1,325</b>
Row percent .....	(X)	100.0	6.3	22.7	47.0	21.0	2.9
Column percent .....	(X)	16.4	9.5	10.4	19.3	35.1	14.5
<b>4-or-more-person household</b> .....	<b>2.10</b>	<b>71,310</b>	<b>3,820</b>	<b>11,780</b>	<b>37,310</b>	<b>12,055</b>	<b>6,350</b>
Row percent .....	(X)	100.0	5.4	16.5	52.3	16.9	8.9
Column percent .....	(X)	25.9	12.7	11.9	33.8	44.4	69.5

**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>27.1</b>	<b>332,350</b>	<b>46,960</b>	<b>100,565</b>	<b>57,400</b>	<b>61,195</b>	<b>66,230</b>
Row percent .....	(X)	100.0	14.1	30.3	17.3	18.4	19.9
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>25.8</b>	<b>270,605</b>	<b>36,995</b>	<b>85,020</b>	<b>49,720</b>	<b>51,370</b>	<b>47,500</b>
Row percent .....	(X)	100.0	13.7	31.4	18.4	19.0	17.6
Column percent .....	(X)	81.4	78.8	84.5	86.6	83.9	71.7
<b>Carpooled</b> .....	<b>26.4</b>	<b>32,330</b>	<b>4,485</b>	<b>10,120</b>	<b>5,280</b>	<b>6,395</b>	<b>6,055</b>
Row percent .....	(X)	100.0	13.9	31.3	16.3	19.8	18.7
Column percent .....	(X)	9.7	9.6	10.1	9.2	10.5	9.1
<b>Public transportation (including taxicab)</b> .....	<b>54.9</b>	<b>16,820</b>	<b>425</b>	<b>1,330</b>	<b>890</b>	<b>2,500</b>	<b>11,675</b>
Row percent .....	(X)	100.0	2.5	7.9	5.3	14.9	69.4
Column percent .....	(X)	5.1	0.9	1.3	1.6	4.1	17.6
<b>Bicycle or walked</b> .....	<b>13.3</b>	<b>10,235</b>	<b>4,665</b>	<b>3,450</b>	<b>1,190</b>	<b>570</b>	<b>360</b>
Row percent .....	(X)	100.0	45.6	33.7	11.6	5.6	3.5
Column percent .....	(X)	3.1	9.9	3.4	2.1	0.9	0.5
<b>Motorcycle or other means</b> .....	<b>45.0</b>	<b>2,355</b>	<b>385</b>	<b>645</b>	<b>325</b>	<b>360</b>	<b>640</b>
Row percent .....	(X)	100.0	16.3	27.4	13.8	15.3	27.2
Column percent .....	(X)	0.7	0.8	0.6	0.6	0.6	1.0

<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.