



CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

Table 1. Profile of Selected 1990 and 2000 Characteristics

Geographic Area: North Andover town, Essex County, Massachusetts

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
POPULATION						
Total population	22,792	100.0	27,202	100.0	4,410	19.3
In households	21,470	94.2	25,330	93.1	3,860	18.0
In group quarters	1,322	5.8	1,872	6.9	550	41.6
HOUSEHOLD SIZE						
Total households	7,893	100.0	9,699	100.0	1,806	22.9
1-person household	1,706	21.6	2,364	24.4	658	38.6
2-person household	2,439	30.9	2,912	30.0	473	19.4
3-person household	1,368	17.3	1,696	17.5	328	24.0
4-person household	1,446	18.3	1,714	17.7	268	18.5
5-or-more-person household	934	11.8	1,013	10.4	79	8.5
Mean number of persons per household	2.72	(X)	2.61	(X)	-0.11	(X)
VEHICLES AVAILABLE¹						
Total households	7,893	100.0	9,699	100.0	1,806	22.9
No vehicle available	411	5.2	589	6.1	178	43.3
1 vehicle available	2,446	31.0	2,874	29.6	428	17.5
2 vehicles available	3,455	43.8	4,760	49.1	1,305	37.8
3 vehicles available	1,053	13.3	990	10.2	-63	-6.0
4 vehicles available	357	4.5	325	3.4	-32	-9.0
5 or more vehicles available	171	2.2	161	1.7	-10	-5.8
Mean vehicles per household	1.88	(X)	1.81	(X)	-0.07	(X)
WORKERS BY SEX¹						
Workers 16 years and over	11,502	100.0	13,150	100.0	1,648	14.3
Male	6,106	53.1	6,930	52.7	824	13.5
Female	5,396	46.9	6,220	47.3	824	15.3
MEANS OF TRANSPORTATION TO WORK						
Workers 16 years and over	11,502	100.0	13,152	100.0	1,650	14.3
Drove alone	9,534	82.9	10,946	83.2	1,412	14.8
Carpooled	995	8.7	752	5.7	-243	-24.4
Public transportation (including taxicab)	232	2.0	368	2.8	136	58.6
Bicycle or walked	480	4.2	410	3.1	-70	-14.6
Motorcycle or other means	33	0.3	78	0.6	45	136.4
Worked at home	228	2.0	598	4.5	370	162.3
TRAVEL TIME TO WORK						
Workers who did not work at home	11,274	100.0	12,554	100.0	1,280	11.4
Less than 5 minutes	406	3.6	359	2.9	-47	-11.6
5 to 9 minutes	1,503	13.3	1,288	10.3	-215	-14.3
10 to 14 minutes	1,849	16.4	1,859	14.8	10	0.5
15 to 19 minutes	1,891	16.8	1,662	13.2	-229	-12.1
20 to 29 minutes	2,018	17.9	2,013	16.0	-5	-0.2
30 to 44 minutes	1,882	16.7	2,634	21.0	752	40.0
45 or more minutes	1,725	15.3	2,739	21.8	1,014	58.8
Mean travel time to work (minutes)	22.9	(X)	28.8	(X)	5.9	(X)
TIME LEAVING HOME TO GO TO WORK						
Workers who did not work at home	11,274	100.0	12,554	100.0	1,280	11.4
5:00 a.m. to 6:59 a.m.	2,397	21.3	2,810	22.4	413	17.2
7:00 a.m. to 7:59 a.m.	3,952	35.1	4,167	33.2	215	5.4
8:00 a.m. to 8:59 a.m.	2,602	23.1	2,834	22.6	232	8.9
9:00 a.m. to 9:59 a.m.	697	6.2	915	7.3	218	31.3
10:00 a.m. to 11:59 a.m.	362	3.2	436	3.5	74	20.4
12:00 p.m. to 11:59 p.m.	1,173	10.4	1,202	9.6	29	2.5
12:00 a.m. to 4:59 a.m.	91	0.8	190	1.5	99	108.8

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.

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Table 2. Profile of Selected 2000 Characteristics

Geographic Area: North Andover town, Essex County, Massachusetts

Subject	Census 2000	
	Number	Percent
POPULATION BY AGE		
Total population	27,202	100.0
Under 16 years	6,264	23.0
16 to 20 years	2,209	8.1
21 to 24 years	1,057	3.9
25 to 44 years	7,899	29.0
45 to 64 years	6,140	22.6
65 years and over	3,633	13.4
Mean age (years)	36.6	(X)
HOUSEHOLD INCOME IN 1999¹		
Total households	9,699	100.0
Less than \$15,000	848	8.7
\$15,000 to 19,999	404	4.2
\$20,000 to 24,999	318	3.3
\$25,000 to 49,999	1,812	18.7
\$50,000 to 74,999	1,562	16.1
\$75,000 to 99,999	1,334	13.8
\$100,000 or more	3,421	35.3
Mean household income (dollars)	94,871	(X)
Median household income (dollars)	72,728	(X)

Household Size by Vehicles Available¹

Household Size	Mean vehicles per household	Vehicles available					
		Total households	No vehicle	1 vehicle	2 vehicles	3 vehicles	4 or more vehicles
Total households	1.81	9,700	590	2,875	4,760	990	485
Row percent	(X)	100.0	6.1	29.6	49.1	10.2	5.0
Column percent	(X)	100.0	100.0	100.0	100.0	100.0	100.0
1-person household	0.92	2,365	425	1,775	120	25	15
Row percent	(X)	100.0	18.0	75.1	5.1	1.1	0.6
Column percent	(X)	24.4	72.0	61.7	2.5	2.5	3.1
2-person household	1.84	2,910	100	660	1,885	190	85
Row percent	(X)	100.0	3.4	22.7	64.8	6.5	2.9
Column percent	(X)	30.0	16.9	23.0	39.6	19.2	17.5
3-person household	2.16	1,695	20	255	985	345	90
Row percent	(X)	100.0	1.2	15.0	58.1	20.4	5.3
Column percent	(X)	17.5	3.4	8.9	20.7	34.8	18.6
4-or-more-person household	2.34	2,725	45	185	1,770	430	300
Row percent	(X)	100.0	1.7	6.8	65.0	15.8	11.0
Column percent	(X)	28.1	7.6	6.4	37.2	43.4	61.9

Means of Transportation to Work by Travel Time to Work¹

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
Workers who did not work at home	28.8	12,555	1,645	3,520	2,015	2,635	2,740
Row percent	(X)	100.0	13.1	28.0	16.0	21.0	21.8
Column percent	(X)	100.0	100.0	100.0	100.0	100.0	100.0
Drove alone	27.8	10,945	1,285	3,165	1,885	2,375	2,235
Row percent	(X)	100.0	11.7	28.9	17.2	21.7	20.4
Column percent	(X)	87.2	78.1	89.9	93.5	90.1	81.6
Carpooled	30.2	750	80	230	95	185	155
Row percent	(X)	100.0	10.7	30.7	12.7	24.7	20.7
Column percent	(X)	6.0	4.9	6.5	4.7	7.0	5.7
Public transportation (including taxicab)	74.9	370	0	15	0	20	335
Row percent	(X)	100.0	0.0	4.1	0.0	5.4	90.5
Column percent	(X)	2.9	0.0	0.4	0.0	0.8	12.2
Bicycle or walked	9.3	410	270	70	35	40	0
Row percent	(X)	100.0	65.9	17.1	8.5	9.8	0.0
Column percent	(X)	3.3	16.4	2.0	1.7	1.5	0.0
Motorcycle or other means	32.8	80	10	40	0	15	10
Row percent	(X)	100.0	12.5	50.0	0.0	18.8	12.5
Column percent	(X)	0.6	0.6	1.1	0.0	0.6	0.4

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