



## CENSUS TRANSPORTATION PLANNING PACKAGE (CTPP 2000)

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

**Geographic Area: Frederick County, Virginia**

Subject	1990 Census		Census 2000		Change 1990 to 2000	
	Number	Percent	Number	Percent	Number	Percent
<b>POPULATION</b>						
<b>Total population</b> .....	45,723	100.0	59,209	100.0	13,486	29.5
In households .....	45,465	99.4	58,425	98.7	12,960	28.5
In group quarters .....	258	0.6	784	1.3	526	203.9
<b>HOUSEHOLD SIZE</b>						
<b>Total households</b> .....	16,515	100.0	22,124	100.0	5,609	34.0
1-person household .....	2,733	16.5	4,247	19.2	1,514	55.4
2-person household .....	5,552	33.6	7,939	35.9	2,387	43.0
3-person household .....	3,542	21.4	4,331	19.6	789	22.3
4-person household .....	3,035	18.4	3,611	16.3	576	19.0
5-or-more-person household .....	1,653	10.0	1,996	9.0	343	20.8
Mean number of persons per household .....	2.75	(X)	2.64	(X)	-0.11	(X)
<b>VEHICLES AVAILABLE<sup>1</sup></b>						
<b>Total households</b> .....	16,515	100.0	22,124	100.0	5,609	34.0
No vehicle available .....	570	3.5	818	3.7	248	43.5
1 vehicle available .....	3,720	22.5	5,302	24.0	1,582	42.5
2 vehicles available .....	7,397	44.8	9,288	42.0	1,891	25.6
3 vehicles available .....	3,465	21.0	4,757	21.5	1,292	37.3
4 vehicles available .....	957	5.8	1,464	6.6	507	53.0
5 or more vehicles available .....	406	2.5	495	2.2	89	21.9
Mean vehicles per household .....	2.11	(X)	2.11	(X)	-0.01	(X)
<b>WORKERS BY SEX<sup>1</sup></b>						
<b>Workers 16 years and over</b> .....	23,525	100.0	30,375	100.0	6,850	29.1
Male .....	13,246	56.3	16,705	55.0	3,459	26.1
Female .....	10,279	43.7	13,665	45.0	3,386	32.9
<b>MEANS OF TRANSPORTATION TO WORK</b>						
<b>Workers 16 years and over</b> .....	23,525	100.0	30,374	100.0	6,849	29.1
Drove alone .....	18,677	79.4	25,332	83.4	6,655	35.6
Carpooled .....	3,523	15.0	3,596	11.8	73	2.1
Public transportation (including taxicab) .....	108	0.5	87	0.3	-21	-19.4
Bicycle or walked .....	371	1.6	404	1.3	33	8.9
Motorcycle or other means .....	127	0.5	95	0.3	-32	-25.2
Worked at home .....	719	3.1	860	2.8	141	19.6
<b>TRAVEL TIME TO WORK</b>						
<b>Workers who did not work at home</b> .....	22,806	100.0	29,514	100.0	6,708	29.4
Less than 5 minutes .....	556	2.4	782	2.6	226	40.6
5 to 9 minutes .....	1,772	7.8	2,255	7.6	483	27.3
10 to 14 minutes .....	3,944	17.3	4,678	15.9	734	18.6
15 to 19 minutes .....	5,453	23.9	6,415	21.7	962	17.6
20 to 29 minutes .....	5,081	22.3	6,160	20.9	1,079	21.2
30 to 44 minutes .....	2,749	12.1	3,743	12.7	994	36.2
45 or more minutes .....	3,251	14.3	5,481	18.6	2,230	68.6
Mean travel time to work (minutes) .....	23.7	(X)	27.3	(X)	3.6	(X)
<b>TIME LEAVING HOME TO GO TO WORK</b>						
<b>Workers who did not work at home</b> .....	22,806	100.0	29,514	100.0	6,708	29.4
5:00 a.m. to 6:59 a.m. ....	7,098	31.1	9,661	32.7	2,563	36.1
7:00 a.m. to 7:59 a.m. ....	6,820	29.9	8,138	27.6	1,318	19.3
8:00 a.m. to 8:59 a.m. ....	3,707	16.3	4,380	14.8	673	18.2
9:00 a.m. to 9:59 a.m. ....	824	3.6	999	3.4	175	21.2
10:00 a.m. to 11:59 a.m. ....	444	1.9	666	2.3	222	50.0
12:00 p.m. to 11:59 p.m. ....	3,097	13.6	4,190	14.2	1,093	35.3
12:00 a.m. to 4:59 a.m. ....	816	3.6	1,480	5.0	664	81.4

<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: Frederick County, Virginia

Subject	Census 2000	
	Number	Percent
<b>POPULATION BY AGE</b>		
<b>Total population</b> .....	59,209	100.0
Under 16 years .....	13,822	23.3
16 to 20 years .....	3,678	6.2
21 to 24 years .....	2,438	4.1
25 to 44 years .....	18,692	31.6
45 to 64 years .....	14,273	24.1
65 years and over .....	6,306	10.7
Mean age (years) .....	35.7	(X)
<b>HOUSEHOLD INCOME IN 1999<sup>1</sup></b>		
<b>Total households</b> .....	22,124	100.0
Less than \$15,000 .....	2,061	9.3
\$15,000 to 19,999 .....	997	4.5
\$20,000 to 24,999 .....	1,399	6.3
\$25,000 to 49,999 .....	7,377	33.3
\$50,000 to 74,999 .....	5,556	25.1
\$75,000 to 99,999 .....	2,651	12.0
\$100,000 or more .....	2,083	9.4
Mean household income (dollars) .....	55,716	(X)
Median household income (dollars) .....	46,941	(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>2.11</b>	<b>22,125</b>	<b>820</b>	<b>5,300</b>	<b>9,290</b>	<b>4,755</b>	<b>1,960</b>
Row percent .....	(X)	100.0	3.7	24.0	42.0	21.5	8.9
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>1-person household</b> .....	<b>1.22</b>	<b>4,245</b>	<b>430</b>	<b>2,770</b>	<b>785</b>	<b>210</b>	<b>55</b>
Row percent .....	(X)	100.0	10.1	65.3	18.5	4.9	1.3
Column percent .....	(X)	19.2	52.4	52.3	8.4	4.4	2.8
<b>2-person household</b> .....	<b>2.12</b>	<b>7,940</b>	<b>190</b>	<b>1,475</b>	<b>4,145</b>	<b>1,620</b>	<b>510</b>
Row percent .....	(X)	100.0	2.4	18.6	52.2	20.4	6.4
Column percent .....	(X)	35.9	23.2	27.8	44.6	34.1	26.0
<b>3-person household</b> .....	<b>2.40</b>	<b>4,330</b>	<b>110</b>	<b>620</b>	<b>1,755</b>	<b>1,310</b>	<b>535</b>
Row percent .....	(X)	100.0	2.5	14.3	40.5	30.3	12.4
Column percent .....	(X)	19.6	13.4	11.7	18.9	27.5	27.3
<b>4-or-more-person household</b> .....	<b>2.54</b>	<b>5,605</b>	<b>85</b>	<b>440</b>	<b>2,605</b>	<b>1,615</b>	<b>860</b>
Row percent .....	(X)	100.0	1.5	7.9	46.5	28.8	15.3
Column percent .....	(X)	25.3	10.4	8.3	28.0	34.0	43.9

### 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>27.3</b>	<b>29,515</b>	<b>3,035</b>	<b>11,095</b>	<b>6,160</b>	<b>3,745</b>	<b>5,480</b>
Row percent .....	(X)	100.0	10.3	37.6	20.9	12.7	18.6
Column percent .....	(X)	100.0	100.0	100.0	100.0	100.0	100.0
<b>Drove alone</b> .....	<b>26.0</b>	<b>25,330</b>	<b>2,380</b>	<b>10,180</b>	<b>5,430</b>	<b>3,195</b>	<b>4,145</b>
Row percent .....	(X)	100.0	9.4	40.2	21.4	12.6	16.4
Column percent .....	(X)	85.8	78.4	91.8	88.1	85.3	75.6
<b>Carpooled</b> .....	<b>38.7</b>	<b>3,595</b>	<b>275</b>	<b>795</b>	<b>720</b>	<b>540</b>	<b>1,265</b>
Row percent .....	(X)	100.0	7.6	22.1	20.0	15.0	35.2
Column percent .....	(X)	12.2	9.1	7.2	11.7	14.4	23.1
<b>Public transportation (including taxicab)</b> .....	<b>31.0</b>	<b>85</b>	<b>15</b>	<b>35</b>	<b>4</b>	<b>0</b>	<b>35</b>
Row percent .....	(X)	100.0	17.6	41.2	4.7	0.0	41.2
Column percent .....	(X)	0.3	0.5	0.3	0.1	0.0	0.6
<b>Bicycle or walked</b> .....	<b>10.1</b>	<b>405</b>	<b>320</b>	<b>50</b>	<b>4</b>	<b>4</b>	<b>25</b>
Row percent .....	(X)	100.0	79.0	12.3	1.0	1.0	6.2
Column percent .....	(X)	1.4	10.5	0.5	0.1	0.1	0.5
<b>Motorcycle or other means</b> .....	<b>25.5</b>	<b>95</b>	<b>50</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>10</b>
Row percent .....	(X)	100.0	52.6	36.8	0.0	0.0	10.5
Column percent .....	(X)	0.3	1.6	0.3	0.0	0.0	0.2

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(X) Not applicable.  
Source: U.S. Census Bureau. Census of Population and Housing, 1990 and 2000 long-form (sample) data.