

8.0 Keene- Brattleboro NH-VT Labor Market Area (NH PORTION)

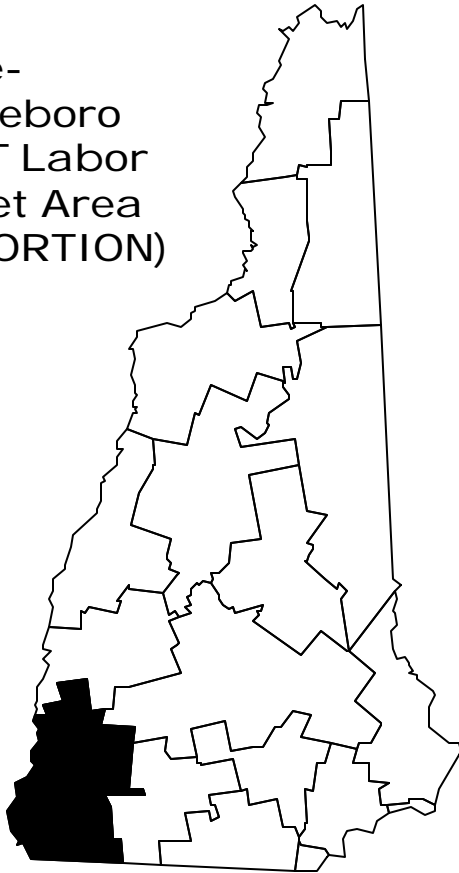


Table 8.1 shows the commuting summary for the New Hampshire portion of the Keene-Brattleboro LMA. This reconfigured Labor Market Area differs in two ways from the 1980 census based Keene NH LMA. First, the new LMA has a Vermont component. The scope of this report does not fully cover commuting in and out of the communities in the Vermont portion. Second, the list of towns included in the New Hampshire portion of the LMA is significantly different since seven of the towns in the former Keene NH LMA were annexed to the new Peterborough Labor Market Area. In

addition, two towns were added from the old Claremont LMA. Twenty-one New Hampshire towns and the City of Keene are part of the LMA. Keene had the largest estimated residents working population (11,322) of all the communities in both states. The estimated LMA count for the New Hampshire portion of residents working was 30,173. The total number of New Hampshire residents of the LMA that worked in their respective towns totaled 13,507, while the number that commuted out of town totaled 16,666. The aggregate number of residents and nonresidents making up the workforce, working in the New Hampshire portion of the LMA totaled 27,649. The number of nonresidents commuting into each New Hampshire town in the LMA amounted to 14,142. The number of residents and nonresidents working in Keene totaled 18,041, the nonresidents commuting in amounted to 8,976. When looking at a state highway map, Keene looks like a hub with many spokes, as various routes enter and leave the Keene area. Some of those routes are NH9, NH10, NH12, and NH101, plus the secondary routes NH12A and NH32. These roadways fan out and tie the 22 LMA communities together for commuters. On a different note, the town of Roxbury was included in "Trivial Commute" (see page 1) with a commute-in rate of zero, as residents held all 23 reported positions in that town.

Commuting out numbers and rates displayed in Table 8.2 quickly emphasize the magnitude of Keene's size and standing relative to the LMA. The commuting-out rates for the other LMA towns tended to run 70-80 percent, but Keene's was 19.9%. As is typical in most labor market areas the cities and towns with the more sizable populations also tend to dominate

the jobs base, and therefore have smaller commute-out rates. Keene had just 2,257 workers commuting out. This was the second largest number of LMA workers commuting to other towns, but as a percentage of Keene's population the rate was low. The town with the largest commute-out number was Swanzey with 2,594 workers exiting, with most (2,001) targeting Keene as their destination. Other towns with sizable numbers included Hinsdale, Chesterfield and Winchester. The majority of the Keene Labor Market Area's out-of-state commuters journeyed to Vermont (2,779), many no doubt to the Vermont portion of the LMA. Another group, equal to about one third of Vermont's number, commuted to neighboring Massachusetts along Routes NH10, NH12, and NH32. The Vermont towns of Brattleboro and Rockingham (Bellows Falls), were the two locations most often heading the commuting-out lists on Table 8.2.

Placing Keene's commute-in numbers aside, the towns of Walpole, Chesterfield, and Swanzey followed with 864, 727, and 669 nonresidents who commuted into the respective towns to work (see Table 8.3). In addition, the residents of the towns of Chesterfield, Winchester, and Marlborough all had more than 500 workers commuting into Keene. Commuters coming into the Elm City from out-of-state, specifically Vermont and Massachusetts, numbered 1,196 and 553, respectively. Just as in commuting-out, the Vermont towns of Brattleboro and Rockingham, accessible via Routes NH9 and NH12, led the commuting-in lists. Those two Vermont towns sent a combined 217 workers to the City of Keene.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.1
Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Acworth	776	358	281	78.5%	77	21.5%	109	32	29.4%
Alstead	1,721	848	654	77.1%	194	22.9%	343	149	43.4%
Chesterfield	3,112	1,786	1,394	78.1%	392	21.9%	1,119	727	65.0%
Fitzwilliam	2,011	1,007	750	74.5%	257	25.5%	798	541	67.8%
Gilsum	745	376	315	83.8%	61	16.2%	99	38	38.4%
Harrisville	981	501	360	71.9%	141	28.1%	220	79	35.9%
Hinsdale	3,936	2,106	1,556	73.9%	550	26.1%	871	321	36.9%
Keene	22,430	11,322	2,257	19.9%	9,065	80.1%	18,041	8,976	49.8%
Langdon	580	303	259	85.5%	44	14.5%	172	128	74.4%
Marlborough	1,927	1,018	814	80.0%	204	20.0%	439	235	53.5%
Marlow	650	327	222	67.9%	105	32.1%	338	233	68.9%
Nelson	535	280	229	81.8%	51	18.2%	74	23	31.1%
Richmond	877	481	407	84.6%	74	15.4%	90	16	17.8%
Roxbury	248	167	144	86.2%	23	13.8%	23	0	0.0%
Stoddard	622	334	266	79.6%	68	20.4%	90	22	24.4%
Sullivan	706	366	312	85.2%	54	14.8%	139	85	61.2%
Surry	667	331	299	90.3%	32	9.7%	57	25	43.9%
Swanzey	6,236	3,133	2,594	82.8%	539	17.2%	1,208	669	55.4%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.1 (continued)
Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to		Working In Town			Number of Workers	Percent of Total Working in
			Number of Workers	Percent	Number of Workers	Percent			
Troy	2,097	1,006	705	70.1%	301	29.9%	632	331	52.4%
Walpole	3,210	1,546	940	60.8%	606	39.2%	1,470	864	58.8%
Westmoreland	1,596	743	548	73.8%	195	26.2%	578	383	66.3%
Winchester	4,038	1,834	1,360	74.2%	474	25.8%	739	265	35.9%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2
Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Acworth	Alstead	Chesterfield	Fitzwilliam	Gilsum
Estimated Residents Working:	358	848	1,786	1,007	376
Commuting to Another Town:	281	654	1,394	750	315
Commuting Rate:	78.5%	77.1%	78.1%	74.5%	83.8%
To Locations Within NH:	Keene 60 Claremont 32 Walpole 31 Alstead 30 Newport 21 Charlestown 17 Langdon 12	Keene 339 Walpole 52 Langdon 29 Marlow 24 Claremont 16 Charlestown 14	Keene 691 Swanzey 41 Westmoreland 39 Hinsdale 31 Dublin 14 Greenville 14 Jaffrey 11 Marlow 10	Keene 163 Jaffrey 118 Peterborough 70 Rindge 57 Troy 41 Swanzey 12 Marlborough 10	Keene 212 Swanzey 24 Sullivan 11
Out Of State:	Maine 0 Massachusetts 15 Vermont 25 Other 3	0 10 74 20	0 74 401 19	5 205 2 20	0 2 17 2
Out Of State Locations:	Rockingham,VT 10 Springfield,VT 8 Brattleboro,VT 7 Amherst,MA 5	Rockingham,VT 31 Springfield,VT 15 Brattleboro,VT 14 Westminster,VT 9	Brattleboro,VT 315 Greenfield,MA 36 Rockingham,VT 23 Vernon,VT 20	Winchendon,MA 41 Gardner,MA 30 Fitchburg,MA 21 Leominister,MA 15	Brattleboro,VT 7

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Harrisville	Hinsdale	Keene	Langdon	Marlborough
Estimated Residents Working:	501	2,106	11,322	303	1,018
Commuting to Another Town:	360	1,556	2,257	259	814
Commuting Rate:	71.9%	73.9%	19.9%	85.5%	80.0%
To Locations Within NH:	Keene 132 Peterborough 53 Dublin 38 Jaffrey 20 Marlborough 13	Keene 170 Chesterfield 89 Winchester 16 Hopkinton 15 Westmoreland 12	Swanzey 254 Peterborough 185 Chesterfield 175 Marlborough 123 Marlow 92 Troy 92 Fitzwilliam 85 Westmoreland 80	Keene 60 Walpole 45 Charlestown 33 Alstead 26	Keene 537 Jaffrey 38 Swanzey 32 Fitzwilliam 24 Peterborough 22 Troy 17 Dublin 13 Chesterfield 10
Out Of State:	0 26 6 7	0 130 1,103 15	0 150 346 67	Maine 0 Massachusetts 7 Vermont 49 Other 2	Maine 2 Massachusetts 16 Vermont 13 Other 6
Out Of State Locations:	Ashburnham,MA 5	Brattleboro,VT 998 Vernon,VT 59 Greenfield,MA 54 Erving,MA 23	Brattleboro,VT 266 Rockingham,VT 51 Boston,MA 20 Worcester,MA 20	Rockingham,VT 15 Westminster,VT 13 Brattleboro,VT 9 Springfield,VT 5	Brattleboro,VT 10 Gardner,MA 5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Marlow		Nelson		Richmond		Roxbury		Stoddard	
Estimated Residents Working:	327		280		481		167		334	
Commuting to Another Town:	222		229		407		144		266	
Commuting Rate:	67.9%		81.8%		84.6%		86.2%		79.6%	
To Locations Within NH:	Keene 113		Keene 137 Peterborough 24 Dublin 16		Keene 210 Winchester 30 Swanzey 25 Fitzwilliam 24		Keene 104 Troy 10		Keene 149 Hillsborough 20	
Out Of State:	Maine 0 Massachusetts 7 Vermont 7 Other 7		Maine 0 Massachusetts 0 Vermont 8 Other 5		Maine 0 Massachusetts 60 Vermont 14 Other 6		Maine 0 Massachusetts 2 Vermont 0 Other 0		Maine 0 Massachusetts 3 Vermont 3 Other 0	
Out Of State Locations:	Brattleboro,VT 7 Tewksbury,MA 5		Brattleboro,VT 8		Winchendon,MA 7 Northfield,MA 6 Groton,MA 5 Southampton,MA 5		Greenfield,MA 2			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Sullivan		Surry		Swanzey		Troy		Walpole	
Estimated Residents Working:	366		331		3,133		1,006		1,546	
Commuting to Another Town:	312		299		2,594		705		940	
Commuting Rate:	85.2%		90.3%		82.8%		70.1%		60.8%	
To Locations Within NH:	Keene	196	Keene	227	Keene	2,001	Keene	347	Keene	352
	Swanzey	27	Swanzey	12	Peterborough	78	Fitzwilliam	85	Swanzey	37
	Marlow	12	Walpole	12	Troy	59	Jaffrey	47	Alstead	29
	Peterborough	12			Dublin	47	Rindge	36	Langdon	29
	Westmoreland	12			Fitzwilliam	46	Swanzey	34	Westmoreland	29
					Chesterfield	41	Peterborough	33	Lebanon	22
					Winchester	30	Marlborough	14	Charlestown	17
					Westmoreland	26				
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	2	Massachusetts	44	Massachusetts	49	Massachusetts	0
	Vermont	9	Vermont	9	Vermont	80	Vermont	12	Vermont	310
	Other	0	Other	5	Other	21	Other	3	Other	40
Out Of State Locations:	Vernon,VT	5	Rockingham,VT	5	Vernon,VT	26	Lincoln,MA	9	Boston,MA	172
					Brattleboro,VT	25	Winchendon,MA	7	Rockingham,VT	70
					Rockingham,VT	16	Brattleboro,VT	6	Westminster,VT	20
					Weston,MA	11			Springfield,VT	11

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Westmoreland	Winchester			
Estimated Residents Working:	743	1,834			
Commuting to Another Town:	548	1,360			
Commuting Rate:	73.8%	74.2%			
To Locations Within NH:					
	Keene 337	Keene 648			
	Chesterfield 38	Hinsdale 122			
	Swanzey 19	Swanzey 62			
	Walpole 18	Fitzwilliam 42			
		Troy 27			
		Westmoreland 27			
		Chesterfield 21			
		Londonderry 14			
Out Of State:					
	Maine 0	Maine 0			
	Massachusetts 24	Massachusetts 116			
	Vermont 63	Vermont 228			
	Other 4	Other 0			
Out Of State Locations:					
	Brattleboro,VT 43	Brattleboro,VT 201			
	Holyoke,MA 10	Gill,MA 22			
	Putney,VT 8	Lowell,MA 20			
	Greenfield,MA 5	Vernon,VT 20			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3
Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Acworth	Alstead	Chesterfield	Fitzwilliam	Gilsum
Estimated Residents Working:	109	343	1,119	798	99
Commuting to Another Town:	32	149	727	541	38
Commuting Rate:	29.4%	43.4%	65.0%	67.8%	38.4%
To Locations Within NH:		Acworth 30 Walpole 29 Langdon 26 Keene 15	Keene 175 Hindale 89 Swanzey 41 Westmoreland 38 Winchester 21 Jaffrey 10 Marlborough 10	Keene 85 Troy 85 Swanzey 46 Rindge 45 Winchester 42 Marlborough 24 Richmond 24 Jaffrey 18	Keene 10
Out Of State:	Maine 0 Massachusetts 0 Vermont 2 Other 0	Maine 0 Massachusetts 0 Vermont 18 Other 0	Maine 3 Massachusetts 55 Vermont 185 Other 0	Maine 0 Massachusetts 125 Vermont 6 Other 8	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Rockingham,VT 2	Rockingham,VT 8 Weath'field,VT 6	Brattleboro,VT 54 Vernon,VT 22 Putney,VT 20 Newfane,VT 19	Winchendon,MA 58 Gardner,MA 41 Templeton,MA 13 Royalston,MA 9	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Harrisville	Hinsdale	Keene	Langdon	Marlborough
Estimated Residents Working:	220	871	18,041	172	439
Commuting to Another Town:	79	321	8,976	128	235
Commuting Rate:	35.9%	36.9%	49.8%	74.4%	53.5%
To Locations Within NH:	Keene 11	Winchester 122 Chesterfield 31 Swanzy 19 Keene 17	Swanzy 2,001 Chesterfield 691 Winchester 648 Marlborough 537 Walpole 352 Troy 347 Alstead 339 Westmoreland 337	Alstead 29 Walpole 29 Charlestown 19 Acworth 12	Keene 123 Troy 14 Dublin 13 Harrisville 13 Fitzwilliam 10
Out Of State:	Maine 0 Massachusetts 0 Vermont 7 Other 0	Maine 0 Massachusetts 17 Vermont 93 Other 0	Maine 0 Massachusetts 290 Vermont 390 Other 63	Maine 0 Massachusetts 0 Vermont 11 Other 0	Maine 0 Massachusetts 0 Vermont 2 Other 0
Out Of State Locations:	Brattleboro,VT 7	Brattleboro,VT 46 Dummerston,VT 11 Northfield,MA 10 Rockingham,VT 9	Rockingham,VT 114 Brattleboro,VT 103 Westminster,VT 36 Northfield,MA 33	Chester,VT 8	Putney,VT 2

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Marlow	Nelson	Richmond	Roxbury	Stoddard
Estimated Residents Working:	338	74	90	23	90
Commuting to Another Town:	233	23	16	0	22
Commuting Rate:	68.9%	31.1%	17.8%	0.0%	24.4%
To Locations Within NH:	Keene 92 Alstead 24 Claremont 12 Sullivan 12 Winchester 12 Chesterfield 10	Windham 11			
Out Of State:	Maine 0 Massachusetts 0 Vermont 4 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 6 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Newfane,VT 4		Holyoke,MA 6		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Sullivan	Surry	Swanzy	Troy	Walpole
Estimated Residents Working:	139	57	1,208	632	1,470
Commuting to Another Town:	85	25	669	331	864
Commuting Rate:	61.2%	43.9%	55.4%	52.4%	58.8%
To Locations Within NH:	Gilsum 11 Newport 11 Claremont 10		Keene 254 Winchester 62 Chesterfield 41 Walpole 37 Troy 34 Marlborough 32 Sullivan 27 Richmond 25	Keene 92 Swanzy 59 Fitzwilliam 41 Winchester 27 Marlborough 17 Hillsborough 10 Roxbury 10	Charlestown 186 Alstead 52 Keene 48 Langdon 45 Acworth 31 Claremont 28 Westmoreland 18 Surry 12
Out Of State:	Maine 0 Massachusetts 0 Vermont 13 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 6 Vermont 6 Other 0	Maine 0 Massachusetts 6 Vermont 7 Other 11	Maine 0 Massachusetts 0 Vermont 376 Other 0
Out Of State Locations:	Weath'field,VT 13		Winchendon,MA 6	Brattleboro,VT 7 Gardner,MA 6	Rockingham,VT 224 Westminster,VT 81 Brattleboro,VT 23 Springfield,VT 19

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Westmoreland	Winchester		
Estimated Residents Working:	578	739		
Commuting to Another Town:	383	265		
Commuting Rate:	66.3%	35.9%		
To Locations Within NH:	Keene 80 Chesterfield 39 Walpole 29 Charlestown 27 Winchester 27 Swanzey 26 Hinsdale 12 Jaffrey 12	Keene 73 Richmond 30 Swanzey 30 Hinsdale 16		
Out Of State:	Maine 0 Massachusetts 0 Vermont 67 Other 0	Maine 0 Massachusetts 54 Vermont 9 Other 0		
Out Of State Locations:	Rockingham,VT 37 Springfield,VT 7 Brattleboro,VT 5 Putney,VT 5	Warwick,MA 17 Ashburnham,MA 12 Northfield,MA 8 Brattleboro,VT 7		