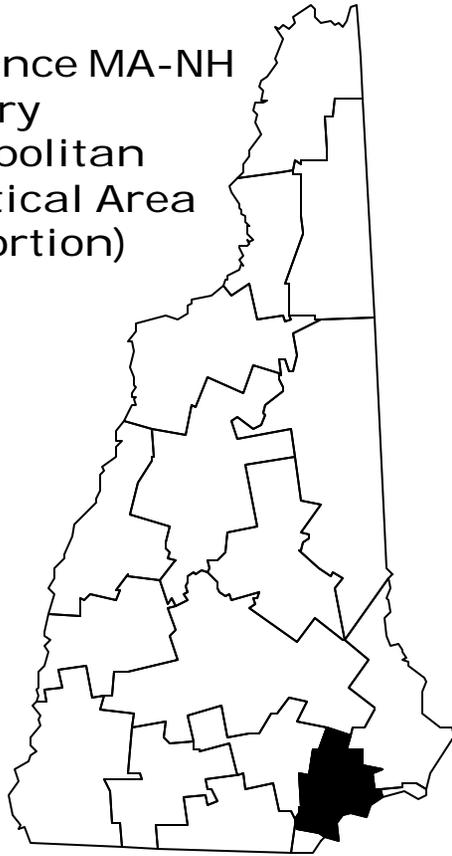


11.0
Lawrence MA-NH
Primary
Metropolitan
Statistical Area
(NH Portion)



The number of towns in the New Hampshire portion of the Lawrence MA PMSA remained unchanged, but change did occur as three towns were released to other redefined Standard Metropolitan Statistical Areas (SMSAs), and three towns were added from the former unattached estimating area. Table 11.1 lists the population and summary of commuting numbers for the thirteen towns that make up the current New Hampshire portion of the bistate PMSA. The Massachusetts portion includes two cities and eight towns, such as Haverhill, Lawrence, Andover, and Methuen. This narrative and Tables 11.1 to 11.3 will be

concerned strictly with the thirteen town New Hampshire portion of the Lawrence PMSA. Travelling the roadways of the PMSA takes in many routes. Some of the roadways are NH28, NH102, NH125, and even I93 serves as a possible commute path from Derry to Windham. Other connecting urban and rural routes include NH107, NH108, NH111, and NH121. The New Hampshire portion totals for the number of estimated residents working and the combined resident/nonresident workforce were 61,087 and 33,486, respectively. The number of workers employed in their town of residence numbered 12,702. The number of residents that commuted out of town, including those who went out of state, was 48,385. Finally, the number of nonresidents that traveled into any of the towns in the New Hampshire portion of the PMSA, whether from New Hampshire cities/towns or out of state, totaled 20,784

Commuting-out numbers were sizable for all 13 towns, ranging from a high of more than 13,000 (Derry), to lows of just slightly over 1,200 (Danville and Fremont) and 1,169 (Chester). Large commuting-out numbers ordinarily generate high commuting out rates. Two towns had rates in excess of 90 percent; eight towns had rates in the 80-89 percent range. Table 11.2 points out the lowest rate was Salem's 68.6% generated by 9,676 commuters, with over 8,100 going out-of-state. Most crossed the town's southern or eastern boundary into Massachusetts. The largest commute numbers were generated by Derry, with 1,357 workers travelling to Salem, 1,263 going to Manchester, 888 to Londonderry, and 629 to Nashua. The only other town to generate significant in-state figures was Raymond, which sent 520 workers to Manchester along NH27 and/or NH101. As a portion of the

commute-out totals, out-of-state numbers were also high. Salem provided 1,174 workers to Andover MA and 1,170 to Lawrence MA. Derry's largest out-of-state commute number was 889 to Andover. As the individual Massachusetts town data suggests, the Bay State received a larger number of New Hampshire portion Lawrence PMSA commuters than any other state. The total number of New Hampshire portion commuters to travel across the MA/NH border was 27,998. Of course, many of the municipalities like Haverhill, Andover, and Methuen are part of the Massachusetts portion of the PMSA, as explained above.

Table 11.3 displays the PMSA commute-in numbers and rates, figures that are decisively smaller than those on Table 11.2. The nonresident numbers range from a low of 107 (Sandown) to 9,308 (Salem). The majority of commute-in rates fell in the 50-59 percent range as evidenced by seven of the thirteen PMSA towns. Large individual town numbers were produced by Derry commuters travelling to Salem. Those numbers were followed by 737 Londonderry residents commuting along NH102 to Derry, and 404 Atkinson workers going to Plaistow following NH121. Bay Staters, 4,682 strong, traveled to work in the New Hampshire portion of the PMSA. Many of the towns furnishing the workers were from the Massachusetts portion of the PMSA (see above). The town of Salem provided a good example of this by taking in 692 Massachusetts workers from Methuen, 377 from Lawrence, and 296 from Haverhill. Windsor VT furnished all seven of the Vermonters working in the town of Newton during the census period.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.1
Lawrence MA-NH PMSA (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			
Atkinson	5,188	2,890	2,638	91.3%	252	8.7%	589	337	57.2%
Chester	2,691	1,455	1,169	80.3%	286	19.7%	401	115	28.7%
Danville	2,534	1,351	1,245	92.2%	106	7.8%	242	136	56.2%
Derry	29,603	16,409	13,089	79.8%	3,320	20.2%	6,817	3,497	51.3%
Fremont	2,576	1,359	1,213	89.3%	146	10.7%	290	144	49.7%
Hampstead	6,732	3,554	2,962	83.3%	592	16.7%	1,449	857	59.1%
Kingston	5,591	2,920	2,420	82.9%	500	17.1%	1,315	815	62.0%
Newton	3,473	1,819	1,603	88.1%	216	11.9%	527	311	59.0%
Plaistow	7,316	4,004	3,026	75.6%	978	24.4%	4,229	3,251	76.9%
Raymond	8,713	4,298	3,462	80.5%	836	19.5%	1,821	985	54.1%
Salem	25,746	14,095	9,676	68.6%	4,419	31.4%	13,727	9,308	67.8%
Sandown	4,060	2,207	1,960	88.8%	247	11.2%	354	107	30.2%
Windham	9,000	4,726	3,922	83.0%	804	17.0%	1,725	921	53.4%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.2
Commuting Out - Lawrence MA-NH PMSA - 1990 Census

Towns:	Atkinson		Chester		Danville		Derry		Fremont	
Estimated Residents Working:	2,890		1,455		1,351		16,409		1,359	
Commuting to Another Town:	2,638		1,169		1,245		13,089		1,213	
Commuting Rate:	91.3%		80.3%		92.2%		79.8%		89.3%	
To Locations Within NH:	Plaistow	404	Derry	180	Plaistow	102	Salem	1,357	Exeter	86
	Salem	256	Manchester	156	Salem	97	Manchester	1,263	Brentwood	67
	Hampstead	91	Salem	65	Hampstead	69	Londonderry	888	Plaistow	61
	Manchester	54	Nashua	60	Kingston	42	Nashua	629	Manchester	49
	Nashua	48	Bedford	37	Manchester	24	Hudson	302	Salem	41
	Exeter	30	Candia	27	Brentwood	22	Bedford	234	Portsmouth	37
	Derry	22	Londonderry	26	Exeter	20	Merrimack	181	Hampstead	32
	Windham	21	Merrimack	22	Epping	17	Windham	175	Raymond	32
Out Of State:	Maine	0	Maine	8	Maine	9	Maine	55	Maine	15
	Massachusetts	1,566	Massachusetts	375	Massachusetts	636	Massachusetts	6,584	Massachusetts	430
	Vermont	8	Vermont	0	Vermont	2	Vermont	16	Vermont	0
	Other	0	Other	0	Other	15	Other	134	Other	8
Out Of State Locations:	Haverhill,MA	297	Boston,MA	52	Haverhill,MA	97	Andover,MA	889	N.Andover,MA	68
	N.Andover,MA	216	Haverhill,MA	49	N.Andover,MA	79	Boston,MA	758	Haverhill,MA	55
	Andover,MA	163	Methuen,MA	38	Lawrence,MA	70	Lawrence,MA	585	Andover,MA	34
	Lawrence,MA	157	Lawrence,MA	36	Andover,MA	66	N.Andover,MA	447	Lawrence,MA	32

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.2 (continued)
 Commuting Out - Lawrence MA-NH PMSA - 1990 Census

Towns:	Hampstead		Kingston		Newton		Plaistow		Raymond	
Estimated Residents Working:	3,554		2,920		1,819		4,004		4,298	
Commuting to Another Town:	2,962		2,420		1,603		3,026		3,462	
Commuting Rate:	83.3%		82.9%		88.1%		75.6%		80.5%	
To Locations Within NH:	Salem	285	Plaistow	203	Plaistow	122	Salem	194	Manchester	520
	Plaistow	195	Exeter	131	Kingston	54	Kingston	104	Derry	235
	Manchester	110	Salem	65	Hampstead	46	Manchester	53	Salem	227
	Derry	91	Hampstead	62	Salem	45	Newton	34	Exeter	174
	Atkinson	69	Newton	50	Exeter	22	Hampstead	31	Plaistow	136
	Nashua	52	Stratham	46	Seabrook	22	Hampton	26	Nashua	128
	Danville	48	Seabrook	43	Hampton	20	Seabrook	23	Hooksett	93
	Kingston	46	Portsmouth	42	Hampton Falls	15	Pelham	22	Brentwood	79
Out Of State:	Maine	0	Maine	36	Maine	7	Maine	0	Maine	36
	Massachusetts	1,770	Massachusetts	1,351	Massachusetts	1,151	Massachusetts	2,312	Massachusetts	678
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	11
	Other	13	Other	11	Other	25	Other	9	Other	46
Out Of State Locations:	Haverhill,MA	372	Haverhill,MA	264	Haverhill,MA	207	Haverhill,MA	506	Haverhill,MA	119
	N.Andover,MA	228	N.Andover,MA	170	N.Andover,MA	118	N.Andover,MA	361	N.Andover,MA	114
	Andover,MA	169	Andover,MA	162	Newburyport,MA	106	Andover,MA	245	Boston,MA	41
	Lawrence,MA	146	Lawrence,MA	78	Andover,MA	93	Lawrence,MA	216	Danvers,MA	32

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.2 (continued)
 Commuting Out - Lawrence MA-NH PMSA - 1990 Census

Towns:	Salem	Sandown	Windham		
Estimated Residents Working:	14,095	2,207	4,726		
Commuting to Another Town:	9,676	1,960	3,922		
Commuting Rate:	68.6%	88.8%	83.0%		
To Locations Within NH:	Nashua 225 Londonderry 215 Windham 160 Manchester 148 Derry 87 Plaistow 84 Hampstead 77 Merrimack 55	Plaistow 237 Derry 148 Salem 148 Hampstead 85 Manchester 60 Hampton 29 Pelham 28 Nashua 27	Salem 486 Nashua 199 Londonderry 165 Manchester 162 Derry 160 Plaistow 92 Hudson 89 Merrimack 67		
Out Of State:	Maine 26 Massachusetts 8,019 Vermont 0 Other 68	Maine 6 Massachusetts 977 Vermont 0 Other 0	Maine 9 Massachusetts 2,149 Vermont 0 Other 109		
Out Of State Locations:	Andover,MA 1,174 Lawrence,MA 1,170 Methuen,MA 885 N.Andover,MA 588	N.Andover,MA 145 Andover,MA 144 Haverhill,MA 85 Lawrence,MA 69	Boston,MA 315 Andover,MA 226 Methuen,MA 171 Lowell,MA 155		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.3
Commuting In - Lawrence MA-NH PMSA - 1990 Census

Towns:	Atkinson		Chester		Danville		Derry		Fremont	
Estimated Residents Working:	589		401		242		6,817		290	
Commuting to Another Town:	337		115		136		3,497		144	
Commuting Rate:	57.2%		28.7%		56.2%		51.3%		49.7%	
To Locations Within NH:	Hampstead	69	Derry	38	Hampstead	48	Londonderry	737	Raymond	31
	Derry	36	Sandown	19	Plaistow	15	Manchester	593	Epping	18
	Salem	24	Raymond	11	Durham	11	Raymond	235	Deerfield	14
	Sandown	19					Chester	180	Barrington	10
	Chester	18					Windham	160	Hampton	10
	Raymond	18					Sandown	148		
	Plaistow	17					Concord	93		
	Kingston	14					Hampstead	91		
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	15	Maine	0
	Massachusetts	89	Massachusetts	6	Massachusetts	0	Massachusetts	217	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	0	Vermont	3	Vermont	0
	Other	0	Other	0	Other	0	Other	7	Other	0
Out Of State Locations:	Haverhill,MA	24	Groveland,MA	6			Lawrence,MA	49		
	Amesbury,MA	14					Boston,MA	30		
	N.Andover,MA	12					Andover,MA	29		
	Ipswich,MA	9					Haverhill,MA	15		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.3 (continued)
Commuting In - Lawrence MA-NH PMSA - 1990 Census

Towns:	Hampstead		Kingston		Newton		Plaistow		Raymond	
Estimated Residents Working:	1,449		1,315		527		4,229		1,821	
Commuting to Another Town:	857		815		311		3,251		985	
Commuting Rate:	59.1%		62.0%		59.0%		76.9%		54.1%	
To Locations Within NH:	Atkinson	91	Plaistow	104	Kingston	50	Atkinson	404	Deerfield	110
	Sandown	85	Newton	54	Plaistow	34	Sandown	237	Epping	98
	Salem	77	Raymond	53	Rye	32	Kingston	203	Candia	90
	Danville	69	Hampstead	46	Derry	18	Hampstead	195	Manchester	72
	Kingston	62	Danville	42	Barrington	11	Raymond	136	Nottingham	69
	Derry	47	Epping	33	E.Kingston	11	Newton	122	Newmarket	47
	Newton	46	Fremont	31	Salem	11	Derry	110	Barrington	43
	Epping	33	Exeter	25			Danville	102	Somersworth	42
Out Of State:	Maine	0	Maine	14	Maine	0	Maine	9	Maine	6
	Massachusetts	52	Massachusetts	201	Massachusetts	56	Massachusetts	969	Massachusetts	20
	Vermont	0	Vermont	0	Vermont	7	Vermont	0	Vermont	0
	Other	8	Other	0	Other	0	Other	9	Other	0
Out Of State Locations:	Haverhill,MA	32	Haverhill,MA	52	Haverhill,MA	47	Haverhill,MA	376	Dracut,MA	9
	N.Andover,MA	7	W.Newbury,MA	24	Groveland,MA	9	Lawrence,MA	116	S.Berwick,ME	6
	Lawrence,MA	5	Methuen,MA	23	Windsor,VT	7	Merrimac,MA	67	Andover,MA	6
	Newburyport,MA	5	Amesbury,MA	17			Newburyport,MA	66	Lynn,MA	5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.3 (continued)
Commuting In - Lawrence MA-NH PMSA - 1990 Census

Towns:	Salem	Sandown	Windham		
Estimated Residents Working:	13,727	354	1,725		
Commuting to Another Town:	9,308	107	921		
Commuting Rate:	67.8%	30.2%	53.4%		
To Locations Within NH:					
	Derry 1,357	Hampstead 30	Derry 175		
	Londonderry 537	Derry 16	Salem 160		
	Windham 486	Fremont 11	Londonderry 95		
	Manchester 476		Nashua 69		
	Nashua 437		Manchester 58		
	Pelham 303		Pelham 56		
	Hampstead 285		Atkinson 21		
	Atkinson 256		Merrimack 18		
Out Of State:					
	Maine 44	Maine 0	Maine 0		
	Massachusetts 2,930	Massachusetts 17	Massachusetts 125		
	Vermont 3	Vermont 0	Vermont 0		
	Other 82	Other 0	Other 5		
Out Of State Locations:					
	Methuen,MA 692	Groveland,MA 9	Methuen,MA 56		
	Lawrence,MA 377	Lowell,MA 8	Haverhill,MA 33		
	Haverhill,MA 296		Tewksbury,MA 17		
	Andover,MA 158		Lawrence,MA 8		