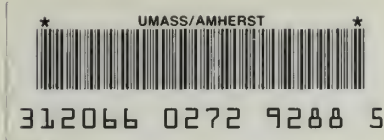


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E Department of
Employment
and Training



Labor Market Information for Affirmative Action Planning

Lowell MA-NH PMSA

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Labor Market Information for Affirmative Action Planning

*Lowell Primary Metropolitan Statistical Area
1990 Census of Population and Housing
Equal Employment Opportunity (EEO) File*

INTRODUCTION

The Massachusetts Department of Employment and Training has prepared a set of publications presenting labor market information for affirmative action programs in order to assist employers who are attempting to meet affirmative action obligations. A separate informational packet is available for Massachusetts and each of the Standard Metropolitan Statistical Areas as they existed at the time of the 1990 census.

Users should note that these publications do not contain the specific requirements to which federal contractors must conform in making a utilization analysis. For technical assistance regarding affirmative action requirements not contained in this packet, please contact the Office of Federal Contract Compliance, Boston Regional Office. They may be called at (617) 565-2055.

The labor market information contained in these publications is based on the 1990 census. The Massachusetts Department of Employment and Training has no current plan to revise these editions until updated information from the 2000 census is received from the federal government. Questions concerning these data packets should be directed to the Field Research Department at (617) 727-6530.

The Massachusetts Department of Employment and Training is prepared to assist employers in affirmative action recruitment. The Opportunity Job Center in your area uses computer assisted job matching to bring together qualified job applicants and available job openings. In addition, the local job center can provide information on government funded programs designed to assist employers in job training and placement. The Department of Employment and Training's Opportunity Job Centers are listed in your local telephone directory.

Additional population information may be available at Regional Planning Commissions located throughout the state and from the following organizations:

1. U.S. Department of Commerce
National Technical Information Service
5285 Port Royal Road
Springfield, Virginia 22161
(703) 487-4650
2. U.S. Department of Commerce
Bureau of the Census
2 Copley Place
Suite 301
P. O. Box 9108
Boston, Massachusetts 02117-9108
(617) 424-0510
3. M.I.S.E.R. - State Data Center
128 Thompson Hall
University of Massachusetts
Amherst, Massachusetts 01003
(413) 545-3460

DEFINITION OF AREA

The Lowell, MA-NH PMSA * consists of the following communities:

Massachusetts

Billerica
Chelmsford
Dracut
Dunstable
Lowell
Pepperell
Tewksbury
Tyngsborough
Westford

New Hampshire

Pelham

* The above is the definition that was in effect at the time of the 1990 Census. Area definitions were revised in June 1993, but EEO data are not available for these newly revised areas.

DESCRIPTION OF TABLES

Table 1 Population by Race

This table contains population by race from the 1990 Census of Population, General Population Characteristics, Massachusetts CP-1-1B. This is an unduplicated count of individuals with minority status.

Table 1A Population by Sex and Minority Status

This table contains population by sex and minority status from the 1990 Census of Population, General Population Characteristics, Massachusetts CP-1-1B.

Table 2 Labor Force Status, by Sex and Minority Status, Noninstitutional Population 16 Years or Older

This table contains labor force, employment, and unemployment data from the 1990 Census of Population and Housing, Summary Tape File 3.

Table 3 Summary Occupations by Sex, Race and Hispanic Origin

Table 3 totals summary occupations of the civilian labor force by sex, race and Hispanic origin. The report is based on the 1990 Census of Population and Housing EEO File.

Table 3A Detailed Occupations by Sex, Race and Hispanic Origin

Table 3A, based on the 1990 Census of Population and Housing (EEO) File, totals detailed occupations of the civilian labor force by sex, race, and Hispanic origin. Census data on race and Hispanic origin were obtained through self-identification. (The numbers shown in parentheses next to the occupational title are the occupational codes.)

Information on terms and definitions used for the 1990 Census is available from the U.S. Department of Commerce, Bureau of the Census. See the "Introduction" for the address and telephone number of their Boston Regional Office.

Table 1
Population by Race
Lowell, MA-NH PMSA
1990

Race/Ethnic Group (1)	Number	Percent
Population by Race, Including Spanish Origin	273,067	100.0
White	248,937	91.2
Black	3,598	1.3
Native American	388	0.1
Asian and Pacific Islander	14,251	5.2
Other Races	5,893	2.2
Population by Race, Excluding Spanish Origin	260,874	95.5
White, Not of Spanish Origin	243,035	89.0
Black, Not of Spanish Origin	3,187	1.2
Native American	341	0.1
Asian and Pacific Islander	13,986	5.1
Other Races	325	0.1
Spanish Origin, by Race	12,193	4.5
White	5,902	2.2
Black	411	0.2
Native American	47	0.0
Asian and Pacific Islander	265	0.1
Other Races	5,568	2.0
Total Minority Individuals (2)	30,032	11.0
Female	137,953	50.5

SOURCE: 1990 Census of Population,
General Population Characteristics
Massachusetts 1990 CP-1-1B

(1) Racial Groups as defined in the 1990 Census

(2) The sum of Blacks, Native Americans, Asian and Pacific Islanders, and Other Races, Not of Spanish Origin, and Spanish Origin by Race

Table 1A
 Population by Sex and Minority Status
 Lowell, MA-NH PMSA
 1990

Race/Ethnic Group (1)	Population					
	Both Sexes		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
Population by Race, Including Spanish Origin	273,067	100.0	135,114	100.0	137,953	100.0
White	248,937	91.2	122,965	91.0	125,972	91.3
Black	3,598	1.3	1,931	1.4	1,667	1.2
Native American	388	0.1	INA	INA	INA	INA
Asian and Pacific Islander	14,251	5.2	7,087	5.2	7,164	5.2
Other Races	5,893	2.2	INA	INA	INA	INA
Population by Race, Excluding Spanish Origin	260,874	95.5	129,134	95.6	131,740	95.5
White, Not of Spanish Origin	243,035	89.0	120,070	88.9	122,965	89.1
Black, Not of Spanish Origin	3,187	1.2	INA	INA	INA	INA
Native American, Not of Spanish Origin	341	0.1	INA	INA	INA	INA
Asian and Pacific Islander, Not of Spanish Origin	13,986	5.1	INA	INA	INA	INA
Other Races, Not of Spanish Origin	325	0.1	INA	INA	INA	INA
Spanish Origin by Race	12,193	4.5	5,980	4.4	6,213	4.5
White	5,902	2.2	INA	INA	INA	INA
Black	411	0.2	INA	INA	INA	INA
Native American	47	0.0	INA	INA	INA	INA
Asian and Pacific Islander	265	0.1	INA	INA	INA	INA
Other Races	5,568	2.0	INA	INA	INA	INA
Total Minority Individuals (2)	30,032	11.0	15,044	11.1	14,988	10.9

SOURCE: 1990 Census of Population
 General Population Characteristics
 Massachusetts 1990 CP-1-1B

(1) Racial Groups as defined in the 1990 Census
 (2) The sum of Blacks, Native Americans, Asian and Pacific Islanders, and
 Other Races, Not of Spanish Origin and Spanish Origin by Race

Table 2
 Labor Force Status, by Sex and Minority Status
 of Noninstitutional Population 16 Years and over
 Lowell, MA-NH PMSA
 1990 Census

Sex/Race/Ethnic Group (1)	Labor Force		Employment		Unemployment		Unemployment Rate	Labor Force (2) Participation Rate
	Number	Percent	Number	Percent	Number	Percent		
Both Sexes								
Total	150,212	100.0	138,205	100.0	12,007	100.0	8.0	71.9
White	140,982	93.9	130,350	94.3	10,632	88.5	7.5	72.7
Black	1,809	1.2	1,492	1.1	317	2.6	17.5	74.4
Native American	150	0.1	131	0.1	19	0.2	12.7	61.2
Asian and Pacific Islander	5,301	3.5	4,589	3.3	712	5.9	13.4	60.4
Other Races	1,970	1.3	1,643	1.2	327	2.7	16.6	55.6
Hispanic (3)	4,598	3.1	3,890	2.8	708	5.9	15.4	62.7
Male								
Total	81,648	100.0	74,573	100.0	7,075	100.0	8.7	80.0
White	76,271	93.4	70,052	93.9	6,219	87.9	8.2	80.6
Black	1,028	1.3	784	1.1	244	3.4	23.7	74.2
Native American	105	0.1	86	0.1	19	0.3	18.1	79.5
Asian and Pacific Islander	3,054	3.7	2,668	3.6	386	5.5	12.6	72.2
Other Races	1,190	1.5	983	1.3	207	2.9	17.4	68.3
Hispanic (3)	2,637	3.2	2,208	3.0	429	6.1	16.3	73.0
Female								
Total	68,564	100.0	63,632	100.0	4,932	100.0	7.2	64.2
White	64,711	94.4	60,298	94.8	4,413	89.5	6.8	65.1
Black	781	1.1	708	1.1	73	1.5	9.3	74.6
Native American	45	0.1	45	0.1	0	0.0	0.0	39.8
Asian and Pacific Islander	2,247	3.3	1,921	3.0	326	6.6	14.5	49.4
Other Races	780	1.1	660	1.0	120	2.4	15.4	43.3
Hispanic (3)	1,961	2.9	1,682	2.6	279	5.7	14.2	52.6

SOURCE: Summary Tape File 3, 1990 Census

(1) Racial groups defined as in 1990 Census.

(2) The percent of the noninstitutional population 16 years and over who were in the labor force.

The labor force includes those who are employed and those who are unemployed and actively seeking work.

(3) Hispanics have been included in the Sex/Race/Ethnic Group totals.

Table 3

Summary Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic			Other			
				White	Black	Native American				
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	Total	20,210	173	19,520	154	17	346	1.7%	0	0.0%
	Male	11,861	101	11,476	70	5	209	1.8%	0	0.0%
	Female	8,349	72	8,044	84	12	137	1.6%	0	0.0%
PROFESSIONAL SPECIALTY OCCUPATIONS	Total	22,180	367	20,521	217	22	1,033	4.7%	20	0.1%
	Male	11,291	178	10,244	119	22	715	6.3%	13	0.1%
	Female	10,889	189	10,277	98	0	318	2.9%	7	0.1%
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	Total	7,550	125	6,913	63	0	440	5.8%	9	0.1%
	Male	4,099	53	3,667	50	0	329	8.0%	0	0.0%
	Female	3,451	72	3,246	13	0	111	3.2%	9	0.3%
SALES OCCUPATIONS	Total	15,142	305	14,424	128	0	285	1.9%	0	0.0%
	Male	7,481	116	7,179	60	0	126	1.7%	0	0.0%
	Female	7,661	189	7,245	68	0	159	2.1%	0	0.0%
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	Total	25,986	544	24,593	337	13	489	1.9%	10	0.0%
	Male	6,044	188	5,539	101	2	204	3.4%	10	0.2%
	Female	19,942	356	19,054	236	11	285	1.4%	0	0.0%
SERVICE OCCUPATIONS	Total	17,509	994	15,832	276	1.6%	354	2.0%	24	0.1%
	Male	8,335	568	7,397	144	1.7%	187	2.2%	18	0.2%
	Female	9,174	426	8,435	132	1.4%	167	1.8%	6	0.1%
FARMING, FORESTRY, AND FISHING OCCUPATIONS	Total	1,067	34	986	26	2.4%	21	2.0%	0	0.0%
	Male	900	34	823	26	2.9%	17	1.9%	0	0.0%
	Female	167	0	163	0	0.0%	4	2.4%	0	0.0%
PRECISION PRODUCTION, CRAFT, AND RELATED OCCUPATIONS	Total	19,439	568	17,885	128	0.7%	810	4.2%	12	0.1%
	Male	16,908	446	15,871	107	0.6%	456	2.7%	0	0.0%
	Female	2,531	122	2,014	21	0.8%	354	14.0%	12	0.5%
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS	Total	10,075	900	7,948	92	0.9%	1,120	11.1%	15	0.1%
	Male	5,697	481	4,563	35	0.6%	618	10.8%	0	0.0%
	Female	4,378	419	3,385	57	1.3%	502	11.5%	15	0.3%
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	Total	4,697	145	4,444	39	0.8%	51	1.1%	0	0.0%
	Male	4,186	145	3,948	39	0.9%	36	0.9%	0	0.0%
	Female	511	0	496	0	0.0%	15	2.9%	0	0.0%
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	Total	5,359	295	4,885	58	1.1%	105	2.0%	10	0.2%
	Male	4,424	251	4,042	58	1.3%	73	1.7%	0	0.0%
	Female	935	44	843	0	0.0%	32	3.4%	10	1.1%
EXPERIENCED UNEMPLOYED, NOT CLASSIFIED BY OCCUPATION	Total	998	148	657	43	4.3%	150	15.0%	0	0.0%
	Male	422	76	248	33	7.8%	65	15.4%	0	0.0%
	Female	576	72	409	10	1.7%	85	14.8%	0	0.0%

TABLE 3A

Detailed Occupations
By Sex, Race, and Hispanic Origin

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other

EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS

Legislators (001-003)	Total	30	100.0%	0	0.0%	30	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	24	80.0%	0	0.0%	24	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	6	20.0%	0	0.0%	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Chief executives and general administrators, public administration (004)	Total	18	100.0%	0	0.0%	18	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	18	100.0%	0	0.0%	18	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Administrators and officials, public administration (005)	Total	439	100.0%	0	0.0%	405	92.3%	14	3.2%	5	1.1%	15	3.4%	0	0.0%
	Male	241	54.9%	0	0.0%	212	88.0%	14	5.8%	5	2.1%	10	4.1%	0	0.0%
	Female	198	45.1%	0	0.0%	193	97.5%	0	0.0%	0	0.0%	5	2.5%	0	0.0%
Administrators, protective services (006)	Total	45	100.0%	0	0.0%	45	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	35	77.8%	0	0.0%	35	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	10	22.2%	0	0.0%	10	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Financial managers (007)	Total	974	100.0%	6	0.6%	935	96.0%	8	0.8%	0	0.0%	25	2.6%	0	0.0%
	Male	470	48.3%	6	1.3%	449	95.5%	0	0.0%	0	0.0%	15	3.2%	0	0.0%
	Female	504	51.7%	0	0.0%	486	96.4%	8	1.6%	0	0.0%	10	2.0%	0	0.0%
Personnel and labor relations managers (008)	Total	341	100.0%	20	5.9%	304	89.1%	9	2.6%	0	0.0%	8	2.3%	0	0.0%
	Male	156	45.7%	11	7.1%	137	87.8%	0	0.0%	0	0.0%	8	5.1%	0	0.0%
	Female	185	54.3%	9	4.9%	167	90.3%	9	4.9%	0	0.0%	0	0.0%	0	0.0%
Purchasing managers (009-012)	Total	330	100.0%	0	0.0%	330	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	220	66.7%	0	0.0%	220	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	110	33.3%	0	0.0%	110	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Managers, marketing, advertising, and public relations (013)	Total	841	100.0%	6	0.7%	815	96.9%	20	2.4%	0	0.0%	0	0.0%	0	0.0%
	Male	534	63.5%	6	1.1%	515	96.4%	13	2.4%	0	0.0%	0	0.0%	0	0.0%
	Female	307	36.5%	0	0.0%	300	97.7%	7	2.3%	0	0.0%	0	0.0%	0	0.0%
Administrators, education and related fields (014)	Total	623	100.0%	0	0.0%	592	95.0%	20	3.2%	5	0.8%	6	1.0%	0	0.0%
	Male	275	44.1%	0	0.0%	269	97.8%	0	0.0%	0	0.0%	6	2.2%	0	0.0%
	Female	348	55.9%	0	0.0%	323	92.8%	20	5.7%	5	1.4%	0	0.0%	0	0.0%
Managers, medicine and health (015)	Total	248	100.0%	0	0.0%	242	97.6%	6	2.4%	0	0.0%	0	0.0%	0	0.0%
	Male	102	41.1%	0	0.0%	102	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	146	58.9%	0	0.0%	140	95.9%	6	4.1%	0	0.0%	0	0.0%	0	0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Postmasters and mail superintendents (016)	Total	23 100.0%	0 0.0%	23 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	8 34.8%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	15 65.2%	0 0.0%	15 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Managers, food serving and lodging establishments (017)	Total	801 100.0%	0 0.0%	756 94.4%	0 0.0%	0 0.0%	45 5.6%	0 0.0%
	Male	503 62.8%	0 0.0%	478 95.0%	0 0.0%	0 0.0%	25 5.0%	0 0.0%
	Female	298 37.2%	0 0.0%	278 93.3%	0 0.0%	0 0.0%	20 6.7%	0 0.0%
Managers, properties and real estate (018)	Total	197 100.0%	0 0.0%	197 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	159 80.7%	0 0.0%	159 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	38 19.3%	0 0.0%	38 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Funeral directors (019-020)	Total	37 100.0%	0 0.0%	37 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	37 100.0%	0 0.0%	37 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Managers, service organizations, n.e.c. (021)	Total	364 100.0%	0 0.0%	364 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	201 55.2%	0 0.0%	201 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	163 44.8%	0 0.0%	163 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Managers and administrators, n.e.c., salaried (022) (Class of worker codes 1-5, 7, 9)	Total	8,272 100.0%	87 1.1%	8,019 96.9%	25 0.3%	7 0.1%	134 1.6%	0 0.0%
	Male	5,758 69.6%	65 1.1%	5,555 96.5%	25 0.4%	0 0.0%	113 2.0%	0 0.0%
	Female	2,514 30.4%	22 0.9%	2,464 98.0%	0 0.0%	7 0.3%	21 0.8%	0 0.0%
Managers and administrators, n.e.c., self-employed (022) (Class of worker codes 6, 8)	Total	366 100.0%	0 0.0%	355 97.0%	0 0.0%	0 0.0%	11 3.0%	0 0.0%
	Male	290 79.2%	0 0.0%	290 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	76 20.8%	0 0.0%	65 85.5%	0 0.0%	0 0.0%	11 14.5%	0 0.0%
Accountants and auditors (023)	Total	2,554 100.0%	45 1.8%	2,436 95.4%	10 0.4%	0 0.0%	63 2.5%	0 0.0%
	Male	1,127 44.1%	13 1.2%	1,096 97.2%	0 0.0%	0 0.0%	18 1.6%	0 0.0%
	Female	1,427 55.9%	32 2.2%	1,340 93.9%	10 0.7%	0 0.0%	45 3.2%	0 0.0%
Underwriters (024)	Total	75 100.0%	0 0.0%	75 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	54 72.0%	0 0.0%	54 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	21 28.0%	0 0.0%	21 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Other financial officers (025)	Total	843 100.0%	0 0.0%	829 98.3%	0 0.0%	0 0.0%	14 1.7%	0 0.0%
	Male	364 43.2%	0 0.0%	364 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	479 56.8%	0 0.0%	465 97.1%	0 0.0%	0 0.0%	14 2.9%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin

1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other

Management analysts (026)	Total	424	0.0%	418	98.6%	0	0.0%	0	0.0%	6	1.4%	0	0.0%
	Male	268	63.2%	262	97.8%	0	0.0%	0	0.0%	6	2.2%	0	0.0%
	Female	156	36.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Personnel, training, and labor relations specialists (027)	Total	806	100.0%	763	94.7%	35	4.3%	0	0.0%	8	1.0%	0	0.0%
	Male	323	40.1%	297	92.0%	18	5.6%	0	0.0%	8	2.5%	0	0.0%
	Female	483	59.9%	0	0.0%	17	3.5%	0	0.0%	0	0.0%	0	0.0%
Purchasing agents and buyers, farm products (028)	Total	40	100.0%	40	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	40	100.0%	40	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Buyers, wholesale and retail trade, except farm products (029-032)	Total	208	100.0%	208	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	105	50.5%	105	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	103	49.5%	103	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Purchasing agents and buyers, n.e.c. (033)	Total	503	100.0%	483	96.0%	7	1.4%	0	0.0%	4	0.8%	0	0.0%
	Male	295	58.6%	295	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	208	41.4%	188	90.4%	7	3.4%	0	0.0%	4	1.9%	0	0.0%
Business and promotion agents (034)	Total	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Construction inspectors (035)	Total	69	100.0%	69	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	69	100.0%	69	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Inspectors and compliance officers, except construction (036)	Total	129	100.0%	129	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	72	55.8%	72	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	57	44.2%	57	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Management related occupations, n.e.c. (037-042)	Total	610	100.0%	603	98.9%	0	0.0%	0	0.0%	7	1.1%	0	0.0%
	Male	113	18.5%	113	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	497	81.5%	490	98.6%	0	0.0%	0	0.0%	7	1.4%	0	0.0%

PROFESSIONAL SPECIALTY OCCUPATIONS

Architects (043)	Total	87	100.0%	81	93.1%	6	6.9%	0	0.0%	0	0.0%	0	0.0%
	Male	69	79.3%	63	91.3%	6	8.7%	0	0.0%	0	0.0%	0	0.0%
	Female	18	20.7%	18	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other			
				White	Black	Native American	Asian and Pacific Isld					
Aerospace (044)	Total	115	0	115	0	0	0	0	0	0	0	0
	Male	107	0	107	0	0	0	0	0	0	0	0
	Female	8	0	8	0	0	0	0	0	0	0	0
Metallurgical and materials (045)	Total	27	9	18	0	0	0	0	0	0	0	0
	Male	27	9	18	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0
Mining (046)	Total	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0
Petroleum (047)	Total	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0
Chemical (048)	Total	89	0	84	0	0	0	0	0	0	0	0
	Male	82	0	77	0	0	0	0	0	0	0	0
	Female	7	0	7	0	0	0	0	0	0	0	0
Nuclear (049-052)	Total	28	0	28	0	0	0	0	0	0	0	0
	Male	22	0	22	0	0	0	0	0	0	0	0
	Female	6	0	6	0	0	0	0	0	0	0	0
Civil (053)	Total	443	6	413	0	0	0	0	0	0	24	0
	Male	377	0	353	0	0	0	0	0	0	24	0
	Female	66	6	60	6	0	0	0	0	0	0	0
Agricultural (054)	Total	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0
Electrical and electronic (055)	Total	1,991	42	1,741	27	12	12	12	0	169	0	0
	Male	1,826	42	1,598	27	12	12	12	0	147	0	0
	Female	165	0	143	0	0	0	0	0	22	0	0
Industrial (056)	Total	567	0	539	0	0	0	0	0	28	0	0
	Male	464	0	436	0	0	0	0	0	28	0	0
	Female	103	0	103	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PHSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Mechanical (057)	Total	503	0	499	0	0	0	4	0
	Male	452	0	448	0	0	0	4	0
	Female	51	0	51	0	0	0	0	0
Marine and naval architects (058)	Total	21	0	21	0	0	0	0	0
	Male	21	0	21	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Engineers, n.e.c. (059-062)	Total	1,202	23	1,084	8	0	0	87	0
	Male	1,091	23	989	8	0	0	71	0
	Female	111	0	95	0	0	0	16	0
Surveyors and mapping scientists (063)	Total	14	0	14	0	0	0	0	0
	Male	14	0	14	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Computer systems analysts and scientists (064)	Total	2,254	13	1,934	27	0	0	267	13
	Male	1,571	13	1,330	27	0	0	188	13
	Female	683	0	604	0	0	0	79	0
Operations and systems researchers and analysts (065)	Total	515	6	481	0	0	0	28	0
	Male	307	6	286	0	0	0	15	0
	Female	208	0	195	0	0	0	13	0
Actuaries (066)	Total	10	0	10	0	0	0	0	0
	Male	10	0	10	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Statisticians (067)	Total	9	0	9	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	9	0	9	0	0	0	0	0
Mathematical scientists, n.e.c. (068)	Total	30	0	30	0	0	0	0	0
	Male	23	0	23	0	0	0	0	0
	Female	7	0	7	0	0	0	0	0
Physicists and astronomers (069-072)	Total	60	0	54	0	6	0	0	0
	Male	60	0	54	0	6	0	0	0
	Female	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other	
				White	Black	Native American	Asian and Pacific Isld		
Chemists, except biochemists (073)	Total	216	0	184	0	0	0	32	0
	Male	117	0	101	0	0	0	16	0
	Female	99	0	83	0	0	0	16	0
Atmospheric and space scientists (074)	Total	28	0	28	0	0	0	0	0
	Male	16	0	16	0	0	0	0	0
	Female	12	0	12	0	0	0	0	0
Geologists and geodesists (075)	Total	14	0	14	0	0	0	0	0
	Male	8	0	8	0	0	0	0	0
	Female	6	0	6	0	0	0	0	0
Physical scientists, n.e.c. (076)	Total	9	0	9	0	0	0	0	0
	Male	9	0	9	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Agricultural and food scientists (077)	Total	20	0	20	0	0	0	0	0
	Male	11	0	11	0	0	0	0	0
	Female	9	0	9	0	0	0	0	0
Biological and life scientists (078)	Total	29	0	21	0	0	0	8	0
	Male	9	0	9	0	0	0	0	0
	Female	20	0	12	0	0	0	8	0
Forestry and conservation scientists (079-082)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Medical scientists (083)	Total	25	0	11	0	0	0	14	0
	Male	0	0	0	0	0	0	0	0
	Female	25	0	11	0	0	0	14	0
Physicians (084)	Total	172	5	142	0	0	0	25	0
	Male	135	5	110	0	0	0	20	0
	Female	37	0	32	0	0	0	5	0
Dentists (085)	Total	143	0	135	0	0	0	8	0
	Male	125	0	125	0	0	0	0	0
	Female	18	0	10	0	0	0	8	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin

1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Veterinarians (086)	Total	38 100.0%	0 0.0%	38 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	33 86.8%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	5 13.2%	0 0.0%	5 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Optometrists (087)	Total	21 100.0%	0 0.0%	21 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	11 52.4%	0 0.0%	11 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	10 47.6%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Podiatrists (088)	Total	9 100.0%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	9 100.0%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Health diagnosing practitioners, n.e.c. (089-094)	Total	51 100.0%	0 0.0%	51 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	34 66.7%	0 0.0%	34 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	17 33.3%	0 0.0%	17 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Registered nurses (095)	Total	2,575 100.0%	80 3.1%	2,409 93.6%	38 1.5%	0 0.0%	48 1.9%	0 0.0%	
	Male	125 4.9%	6 4.8%	99 79.2%	20 16.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	2,450 95.1%	74 3.0%	2,310 94.3%	18 0.7%	0 0.0%	48 2.0%	0 0.0%	
Pharmacists (096)	Total	190 100.0%	0 0.0%	190 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	131 68.9%	0 0.0%	131 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	59 31.1%	0 0.0%	59 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Dietitians (097)	Total	103 100.0%	12 11.7%	91 88.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	43 41.7%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	60 58.3%	12 20.0%	48 80.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Respiratory therapists (098)	Total	81 100.0%	0 0.0%	81 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	41 50.6%	0 0.0%	41 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	40 49.4%	0 0.0%	40 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Occupational therapists (099-102)	Total	43 100.0%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	43 100.0%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Physical therapists (103)	Total	190 100.0%	0 0.0%	190 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	16 8.4%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	174 91.6%	0 0.0%	174 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Speech therapists (104)	Total	67 100.0%	0 0.0%	67 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	67 100.0%	0 0.0%	67 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Therapists, n.e.c. (105)	Total	48 100.0%	0 0.0%	48 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 14.6%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	41 85.4%	0 0.0%	41 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Physicians' assistants (106-112)	Total	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Earth, environmental, and marine science teachers (113)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Biological science teachers (114)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chemistry teachers (115)	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Physics teachers (116)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Natural science teachers, n.e.c. (117)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Psychology teachers (118)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Economics teachers (119-122)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PHSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Islld	Other	
Agriculture and forestry teachers (136)	Total	6 100.0%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	6 100.0%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Art, drama, and music teachers (137)	Total	16 100.0%	0 0.0%	9 56.3%	7 43.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	16 100.0%	0 0.0%	9 56.3%	7 43.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Physical education teachers (138)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Education teachers (139-142)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
English teachers (143)	Total	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Foreign language teachers (144)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Law teachers (145)	Total	13 100.0%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	6 46.2%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	7 53.8%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Social work teachers (146)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Theology teachers (147)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Trade and industrial teachers (148)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin

1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Non - Hispanic																		
			Hispanic All Races	White	Black	Native American	Asian and Pacific Isld	Other													
Home economics teachers (149-152)	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Teachers, postsecondary, n.e.c. (153)	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postsecondary teachers, subject not specified (154)	Total	502	100.0%	21	4.2%	374	74.5%	25	5.0%	0	0.0%	0	0.0%	82	16.3%	0	0.0%	0	0.0%	0	0.0%
	Male	302	60.2%	0	0.0%	226	74.8%	6	2.0%	0	0.0%	0	0.0%	70	23.2%	0	0.0%	0	0.0%	0	0.0%
	Female	200	39.8%	21	10.5%	148	74.0%	19	9.5%	0	0.0%	0	0.0%	12	6.0%	0	0.0%	0	0.0%	0	0.0%
Teachers, prekindergarten and kindergarten (155)	Total	408	100.0%	20	4.9%	376	92.2%	0	0.0%	0	0.0%	0	0.0%	12	2.9%	0	0.0%	0	0.0%	0	0.0%
	Male	4	1.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4	100.0%	0	0.0%	0	0.0%	0	0.0%
	Female	404	99.0%	20	5.0%	376	93.1%	0	0.0%	0	0.0%	0	0.0%	8	2.0%	0	0.0%	0	0.0%	0	0.0%
Teachers, elementary school (156)	Total	3,001	100.0%	71	2.4%	2,917	97.2%	0	0.0%	0	0.0%	0	0.0%	13	0.4%	0	0.0%	0	0.0%	0	0.0%
	Male	717	23.9%	24	3.3%	680	94.8%	0	0.0%	0	0.0%	0	0.0%	13	1.8%	0	0.0%	0	0.0%	0	0.0%
	Female	2,284	76.1%	47	2.1%	2,237	97.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Teachers, secondary school (157)	Total	737	100.0%	7	0.9%	717	97.3%	7	0.9%	0	0.0%	0	0.0%	6	0.8%	0	0.0%	0	0.0%	0	0.0%
	Male	308	41.8%	7	2.3%	288	93.5%	7	2.3%	0	0.0%	0	0.0%	6	1.9%	0	0.0%	0	0.0%	0	0.0%
	Female	429	58.2%	0	0.0%	429	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Teachers, special education (158)	Total	35	100.0%	0	0.0%	27	77.1%	8	22.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	35	100.0%	0	0.0%	27	77.1%	8	22.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Teachers, n.e.c. (159-162)	Total	745	100.0%	7	0.9%	719	96.5%	15	2.0%	0	0.0%	0	0.0%	4	0.5%	0	0.0%	0	0.0%	0	0.0%
	Male	306	41.1%	7	2.3%	295	96.4%	0	0.0%	0	0.0%	0	0.0%	4	1.3%	0	0.0%	0	0.0%	0	0.0%
	Female	439	58.9%	0	0.0%	424	96.6%	15	3.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Counselors, educational and vocational (163)	Total	192	100.0%	0	0.0%	187	97.4%	0	0.0%	0	0.0%	0	0.0%	5	2.6%	0	0.0%	0	0.0%	0	0.0%
	Male	100	52.1%	0	0.0%	95	95.0%	0	0.0%	0	0.0%	0	0.0%	5	5.0%	0	0.0%	0	0.0%	0	0.0%
	Female	92	47.9%	0	0.0%	92	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Librarians (164)	Total	248	100.0%	0	0.0%	243	98.0%	5	2.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	21	8.5%	0	0.0%	16	76.2%	5	23.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	227	91.5%	0	0.0%	227	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other
				White	Black	Native American	Asian and Pacific Isld		
Archivists and curators (165)	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Economists (166)	Total	230 100.0%	0 0.0%	221 96.1%	9 3.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	58 25.2%	0 0.0%	58 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	172 74.8%	0 0.0%	163 94.8%	9 5.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Psychologists (167)	Total	140 100.0%	0 0.0%	120 85.7%	0 0.0%	0 0.0%	13 9.3%	7 5.0%	
	Male	56 40.0%	0 0.0%	56 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	84 60.0%	0 0.0%	64 76.2%	0 0.0%	0 0.0%	13 15.5%	7 8.3%	
Sociologists (168)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Social scientists, n.e.c. (169-172)	Total	27 100.0%	0 0.0%	27 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	19 70.4%	0 0.0%	19 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	8 29.6%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Urban planners (173)	Total	23 100.0%	0 0.0%	23 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	14 60.9%	0 0.0%	14 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	9 39.1%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Social workers (174)	Total	660 100.0%	0 0.0%	604 91.5%	6 0.9%	0 0.0%	50 7.6%	0 0.0%	
	Male	195 29.5%	0 0.0%	167 85.6%	0 0.0%	0 0.0%	28 14.4%	0 0.0%	
	Female	465 70.5%	0 0.0%	437 94.0%	6 1.3%	0 0.0%	22 4.7%	0 0.0%	
Recreation workers (175)	Total	35 100.0%	0 0.0%	35 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	26 74.3%	0 0.0%	26 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	9 25.7%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Clergy (176)	Total	209 100.0%	8 3.8%	195 93.3%	0 0.0%	0 0.0%	6 2.9%	0 0.0%	
	Male	189 90.4%	8 4.2%	175 92.6%	0 0.0%	0 0.0%	6 3.2%	0 0.0%	
	Female	20 9.6%	0 0.0%	20 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Religious workers, n.e.c. (177)	Total	95 100.0%	0 0.0%	95 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	36 37.9%	0 0.0%	36 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	59 62.1%	0 0.0%	59 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other
Lawyers (178)	Total	395	9	370	8	0	8	0
	Male	285	0	277	0	0	8	0
	Female	110	9	93	8	0	0	0
Judges (179-182)	Total	7	0	7	0	0	0	0
	Male	7	0	7	0	0	0	0
	Female	0	0	0	0	0	0	0
Authors (183)	Total	33	0	33	0	0	0	0
	Male	9	0	9	0	0	0	0
	Female	24	0	24	0	0	0	0
Technical writers (184)	Total	416	0	416	0	0	0	0
	Male	221	0	221	0	0	0	0
	Female	195	0	195	0	0	0	0
Designers (185)	Total	690	6	654	0	4	26	0
	Male	303	6	269	0	4	24	0
	Female	387	0	385	0	0	2	0
Musicians and composers (186)	Total	51	0	51	0	0	0	0
	Male	24	0	24	0	0	0	0
	Female	27	0	27	0	0	0	0
Actors and directors (187)	Total	92	0	92	0	0	0	0
	Male	61	0	61	0	0	0	0
	Female	31	0	31	0	0	0	0
Painters, sculptors, craft-artists, and artist printmakers (188)	Total	214	6	208	0	0	0	0
	Male	142	6	136	0	0	0	0
	Female	72	0	72	0	0	0	0
Photographers (189-192)	Total	174	0	174	0	0	0	0
	Male	117	0	117	0	0	0	0
	Female	57	0	57	0	0	0	0
Dancers (193)	Total	29	0	21	8	0	0	0
	Male	7	0	7	0	0	0	0
	Female	22	0	14	8	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Artists, performers, and related workers, n.e.c. (194)	Total	65	0	26	0	0	39	0
	Male	22	0	0	0	0	22	0
	Female	43	0	26	0	0	17	0
Editors and reporters (195-196)	Total	245	0	230	0	0	15	0
	Male	90	0	90	0	0	0	0
	Female	155	0	140	0	0	15	0
Public relations specialists (197)	Total	156	0	156	0	0	0	0
	Male	66	0	66	0	0	0	0
	Female	90	0	90	0	0	0	0
Announcers (198)	Total	20	0	14	6	0	0	0
	Male	6	0	0	6	0	0	0
	Female	14	0	14	0	0	0	0
Athletes (199-202)	Total	133	16	103	7	0	7	0
	Male	107	16	77	7	0	7	0
	Female	26	0	26	0	0	0	0
TECHNICIANS AND RELATED SUPPORT OCCUPATIONS								
Clinical laboratory technologists and technicians (203)	Total	523	6	496	0	0	21	0
	Male	84	6	57	0	0	21	0
	Female	439	0	439	0	0	0	0
Dental hygienists (204)	Total	119	0	119	0	0	0	0
	Male	0	0	0	0	0	0	0
	Female	119	0	119	0	0	0	0
Health record technologists and technicians (205)	Total	40	0	40	0	0	0	0
	Male	12	0	12	0	0	0	0
	Female	28	0	28	0	0	0	0
Radiologic technicians (206)	Total	139	4	135	0	0	0	0
	Male	22	0	22	0	0	0	0
	Female	117	4	113	0	0	0	0
Licensed practical nurses (207)	Total	652	19	622	2	0	9	0
	Male	76	0	76	0	0	0	0
	Female	576	19	546	2	0	9	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Health technologists and technicians, n.e.c. (208-212)	Total	356 100.0%	6 1.7%	322 90.4%	11 3.1%	0 0.0%	17 4.8%	0 0.0%
	Male	78 21.9%	0 0.0%	78 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	278 78.1%	6 2.2%	244 87.8%	11 4.0%	0 0.0%	17 6.1%	0 0.0%
Electrical and electronic technicians (213)	Total	1,253 100.0%	42 3.4%	1,140 91.0%	21 1.7%	0 0.0%	50 4.0%	0 0.0%
	Male	976 77.9%	33 3.4%	872 89.3%	21 2.2%	0 0.0%	50 5.1%	0 0.0%
	Female	277 22.1%	9 3.2%	268 96.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Industrial engineering technicians (214)	Total	16 100.0%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	16 100.0%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Mechanical engineering technicians (215)	Total	150 100.0%	0 0.0%	123 82.0%	0 0.0%	0 0.0%	27 18.0%	0 0.0%
	Male	135 90.0%	0 0.0%	108 80.0%	0 0.0%	0 0.0%	27 20.0%	0 0.0%
	Female	15 10.0%	0 0.0%	15 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Engineering technicians, n.e.c. (216)	Total	529 100.0%	22 4.2%	486 91.9%	0 0.0%	0 0.0%	21 4.0%	0 0.0%
	Male	356 67.3%	7 2.0%	328 92.1%	0 0.0%	0 0.0%	21 5.9%	0 0.0%
	Female	173 32.7%	15 8.7%	158 91.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Drafting occupations (217)	Total	476 100.0%	4 0.8%	453 95.2%	7 1.5%	0 0.0%	12 2.5%	0 0.0%
	Male	372 78.2%	0 0.0%	353 94.9%	7 1.9%	0 0.0%	12 3.2%	0 0.0%
	Female	104 21.8%	4 3.8%	100 96.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Surveying and mapping technicians (218-222)	Total	41 100.0%	0 0.0%	41 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	37 90.2%	0 0.0%	37 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	4 9.8%	0 0.0%	4 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Biological technicians (223)	Total	43 100.0%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	15 34.9%	0 0.0%	15 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	28 65.1%	0 0.0%	28 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Chemical technicians (224)	Total	92 100.0%	0 0.0%	78 84.8%	9 9.8%	0 0.0%	5 5.4%	0 0.0%
	Male	45 48.9%	0 0.0%	31 68.9%	9 20.0%	0 0.0%	5 11.1%	0 0.0%
	Female	47 51.1%	0 0.0%	47 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Science technicians, n.e.c. (225)	Total	173 100.0%	0 0.0%	159 91.9%	0 0.0%	0 0.0%	14 8.1%	0 0.0%
	Male	86 49.7%	0 0.0%	72 83.7%	0 0.0%	0 0.0%	14 16.3%	0 0.0%
	Female	87 50.3%	0 0.0%	87 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PHSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Airplane pilots and navigators (226)	Total	31 100.0%	0 0.0%	31 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	31 100.0%	0 0.0%	31 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Air traffic controllers (227)	Total	27 100.0%	0 0.0%	27 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	20 74.1%	0 0.0%	20 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	7 25.9%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Broadcast equipment operators (228)	Total	21 100.0%	0 0.0%	21 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	14 66.7%	0 0.0%	14 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	7 33.3%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Computer programmers (229-232)	Total	1,626 100.0%	0 0.0%	1,479 91.0%	0 0.0%	0 0.0%	147 9.0%	0 0.0%	0 0.0%
	Male	964 59.3%	0 0.0%	894 92.7%	0 0.0%	0 0.0%	70 7.3%	0 0.0%	0 0.0%
	Female	662 40.7%	0 0.0%	585 88.4%	0 0.0%	0 0.0%	77 11.6%	0 0.0%	0 0.0%
Tool programmers, numerical control (233)	Total	18 100.0%	0 0.0%	18 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	18 100.0%	0 0.0%	18 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Legal assistants (234)	Total	246 100.0%	8 3.3%	238 96.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	51 20.7%	0 0.0%	51 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	195 79.3%	8 4.1%	187 95.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Technicians, n.e.c. (235-242)	Total	979 100.0%	14 1.4%	826 84.4%	13 1.3%	0 0.0%	117 12.0%	9 0.9%	0 0.0%
	Male	709 72.4%	7 1.0%	580 81.8%	13 1.8%	0 0.0%	109 15.4%	0 0.0%	0 0.0%
	Female	270 27.6%	7 2.6%	246 91.1%	0 0.0%	0 0.0%	8 3.0%	9 3.3%	0 0.0%
SALES OCCUPATIONS									
Supervisors and proprietors, sales occupations, salaried (243-252) (Class of worker codes 1-5, 7, 9)	Total	3,236 100.0%	16 0.5%	3,150 97.3%	25 0.8%	0 0.0%	45 1.4%	0 0.0%	0 0.0%
	Male	2,202 68.0%	16 0.7%	2,122 96.4%	25 1.1%	0 0.0%	39 1.8%	0 0.0%	0 0.0%
	Female	1,034 32.0%	0 0.0%	1,028 99.4%	0 0.0%	0 0.0%	6 0.6%	0 0.0%	0 0.0%
Supervisors and proprietors, sales occupations, self employed (243-252) (Class of worker codes 6, 8)	Total	381 100.0%	14 3.7%	367 96.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	253 66.4%	0 0.0%	253 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	128 33.6%	14 10.9%	114 89.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Insurance sales occupations (253)	Total	370 100.0%	4 1.1%	337 91.1%	24 6.5%	0 0.0%	5 1.4%	0 0.0%	0 0.0%
	Male	222 60.0%	4 1.8%	218 98.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	148 40.0%	0 0.0%	119 80.4%	24 16.2%	0 0.0%	5 3.4%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin

1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other
				White	Black	Native American	Asian and Pacific Isld		
Real estate sales occupations (254)	Total	616 100.0%	28 4.5%	565 91.7%	16 2.6%	0 0.0%	7 1.1%	0 0.0%	
	Male	296 48.1%	13 4.4%	268 90.5%	8 2.7%	0 0.0%	7 2.4%	0 0.0%	
	Female	320 51.9%	15 4.7%	297 92.8%	8 2.5%	0 0.0%	0 0.0%	0 0.0%	
Securities and financial services sales occupations (255)	Total	153 100.0%	0 0.0%	144 94.1%	9 5.9%	0 0.0%	0 0.0%	0 0.0%	
	Male	113 73.9%	0 0.0%	113 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	40 26.1%	0 0.0%	31 77.5%	9 22.5%	0 0.0%	0 0.0%	0 0.0%	
Advertising and related sales occupations (256)	Total	80 100.0%	7 8.8%	73 91.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	37 46.3%	7 18.9%	30 81.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	43 53.7%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Sales occupations, other business services (257)	Total	651 100.0%	0 0.0%	651 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	431 66.2%	0 0.0%	431 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	220 33.8%	0 0.0%	220 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Sales engineers (258)	Total	69 100.0%	0 0.0%	69 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	54 78.3%	0 0.0%	54 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	15 21.7%	0 0.0%	15 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Sales representatives, mining, manufacturing, and wholesale (259-262)	Total	1,899 100.0%	36 1.9%	1,853 97.6%	0 0.0%	0 0.0%	10 0.5%	0 0.0%	
	Male	1,310 69.0%	13 1.0%	1,287 98.2%	0 0.0%	0 0.0%	10 0.8%	0 0.0%	
	Female	589 31.0%	23 3.9%	566 96.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Sales workers, motor vehicles and boats (263)	Total	284 100.0%	0 0.0%	281 98.9%	3 1.1%	0 0.0%	0 0.0%	0 0.0%	
	Male	255 89.8%	0 0.0%	252 98.8%	3 1.2%	0 0.0%	0 0.0%	0 0.0%	
	Female	29 10.2%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Sales workers, apparel (264)	Total	489 100.0%	0 0.0%	466 95.3%	15 3.1%	0 0.0%	8 1.6%	0 0.0%	
	Male	63 12.9%	0 0.0%	63 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	426 87.1%	0 0.0%	403 94.6%	15 3.5%	0 0.0%	8 1.9%	0 0.0%	
Sales workers, shoes (265)	Total	148 100.0%	0 0.0%	138 93.2%	0 0.0%	0 0.0%	10 6.8%	0 0.0%	
	Male	29 19.6%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	119 80.4%	0 0.0%	109 91.6%	0 0.0%	0 0.0%	10 8.4%	0 0.0%	
Sales workers, furniture and home furnishings (266)	Total	170 100.0%	0 0.0%	170 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	107 62.9%	0 0.0%	107 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	63 37.1%	0 0.0%	63 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other
Sales workers, radio, TV, hi-fi, and appliances (267)	Total	199 100.0%	0 0.0%	187 94.0%	12 6.0%	0 0.0%	0 0.0%	0 0.0%
	Male	151 75.9%	0 0.0%	139 92.1%	12 7.9%	0 0.0%	0 0.0%	0 0.0%
	Female	48 24.1%	0 0.0%	48 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Sales workers, hardware and building supplies (268)	Total	145 100.0%	10 6.9%	135 93.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	112 77.2%	10 8.9%	102 91.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	33 22.8%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Sales workers, parts (269-273)	Total	93 100.0%	7 7.5%	86 92.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	93 100.0%	7 7.5%	86 92.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Sales workers, other commodities (274)	Total	2,168 100.0%	41 1.9%	2,094 96.6%	0 0.0%	0 0.0%	33 1.5%	0 0.0%
	Male	731 33.7%	6 0.8%	705 96.4%	0 0.0%	0 0.0%	20 2.7%	0 0.0%
	Female	1,437 66.3%	35 2.4%	1,389 96.7%	0 0.0%	0 0.0%	13 0.9%	0 0.0%
Sales counter clerks (275)	Total	224 100.0%	0 0.0%	224 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	83 37.1%	0 0.0%	83 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	141 62.9%	0 0.0%	141 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Cashiers (276)	Total	3,354 100.0%	138 4.1%	3,025 90.2%	24 0.7%	0 0.0%	167 5.0%	0 0.0%
	Male	777 23.2%	40 5.1%	675 86.9%	12 1.5%	0 0.0%	50 6.4%	0 0.0%
	Female	2,577 76.8%	98 3.8%	2,350 91.2%	12 0.5%	0 0.0%	117 4.5%	0 0.0%
Street and door-to-door sales workers (277)	Total	276 100.0%	4 1.4%	272 98.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	73 26.4%	0 0.0%	73 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	203 73.6%	4 2.0%	199 98.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
News vendors (278-282)	Total	85 100.0%	0 0.0%	85 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	55 64.7%	0 0.0%	55 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	30 35.3%	0 0.0%	30 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Demonstrators, promoters and models, sales (283)	Total	24 100.0%	0 0.0%	24 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	13 54.2%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	11 45.8%	0 0.0%	11 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Auctioneers (284)	Total	2 100.0%	0 0.0%	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	2 100.0%	0 0.0%	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic						
				White	Black	Native American	Asian and Pacific Isld	Other		
Sales support occupations, n.e.c. (285-302)	Total	26 100.0%	0 0.0%	26 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	19 73.1%	0 0.0%	19 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	7 26.9%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL										
Supervisors, general office (303)	Total	618 100.0%	47 7.6%	571 92.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	195 31.6%	14 7.2%	181 92.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	423 68.4%	33 7.8%	390 92.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Supervisors, computer equipment operators (304)	Total	95 100.0%	0 0.0%	95 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	49 51.6%	0 0.0%	49 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	46 48.4%	0 0.0%	46 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Supervisors, financial records processing (305)	Total	175 100.0%	0 0.0%	167 95.4%	8 4.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	28 16.0%	0 0.0%	28 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	147 84.0%	0 0.0%	139 94.6%	8 5.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Chief communications operators (306)	Total	5 100.0%	0 0.0%	5 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	5 100.0%	0 0.0%	5 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Supervisors, distribution, scheduling, and adjusting clerks (307)	Total	226 100.0%	0 0.0%	226 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	156 69.0%	0 0.0%	156 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	70 31.0%	0 0.0%	70 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Computer operators (308)	Total	997 100.0%	15 1.5%	915 91.8%	23 2.3%	0 0.0%	44 4.4%	0 0.0%	0 0.0%	
	Male	483 48.4%	4 0.8%	434 89.9%	10 2.1%	0 0.0%	35 7.2%	0 0.0%	0 0.0%	
	Female	514 51.6%	11 2.1%	481 93.6%	13 2.5%	0 0.0%	9 1.8%	0 0.0%	0 0.0%	
Peripheral equipment operators (309-312)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Secretaries (313)	Total	5,645 100.0%	105 1.9%	5,476 97.0%	48 0.9%	0 0.0%	16 0.3%	0 0.0%	0 0.0%	
	Male	68 1.2%	0 0.0%	61 89.7%	7 10.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	5,577 98.8%	105 1.9%	5,415 97.1%	41 0.7%	0 0.0%	16 0.3%	0 0.0%	0 0.0%	
Stenographers (314)	Total	70 100.0%	0 0.0%	70 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	8 11.4%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	62 88.6%	0 0.0%	62 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other
Typists (315)	Total	765 100.0%	10 1.3%	736 96.2%	19 2.5%	0 0.0%	0 0.0%	0 0.0%
	Male	29 3.8%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	736 96.2%	10 1.4%	707 96.1%	19 2.6%	0 0.0%	0 0.0%	0 0.0%
Interviewers (316)	Total	160 100.0%	0 0.0%	143 89.4%	0 0.0%	0 0.0%	17 10.6%	0 0.0%
	Male	49 30.6%	0 0.0%	43 87.8%	0 0.0%	0 0.0%	6 12.2%	0 0.0%
	Female	111 69.4%	0 0.0%	100 90.1%	0 0.0%	0 0.0%	11 9.9%	0 0.0%
Hotel clerks (317)	Total	108 100.0%	0 0.0%	108 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	41 38.0%	0 0.0%	41 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	67 62.0%	0 0.0%	67 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Transportation ticket and reservation agents (318)	Total	296 100.0%	14 4.7%	282 95.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	111 37.5%	0 0.0%	111 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	185 62.5%	14 7.6%	171 92.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Receptionists (319-322)	Total	735 100.0%	6 0.8%	709 96.5%	0 0.0%	11 1.5%	9 1.2%	0 0.0%
	Male	35 4.8%	0 0.0%	32 91.4%	0 0.0%	0 0.0%	3 8.6%	0 0.0%
	Female	700 95.2%	6 0.9%	677 96.7%	0 0.0%	11 1.6%	6 0.9%	0 0.0%
Information clerks, n.e.c. (323-324)	Total	212 100.0%	0 0.0%	198 93.4%	14 6.6%	0 0.0%	0 0.0%	0 0.0%
	Male	30 14.2%	0 0.0%	24 80.0%	6 20.0%	0 0.0%	0 0.0%	0 0.0%
	Female	182 85.8%	0 0.0%	174 95.6%	8 4.4%	0 0.0%	0 0.0%	0 0.0%
Classified-ad clerks (325)	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Correspondence clerks (326)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Order clerks (327)	Total	229 100.0%	0 0.0%	220 96.1%	9 3.9%	0 0.0%	0 0.0%	0 0.0%
	Male	60 26.2%	0 0.0%	51 85.0%	9 15.0%	0 0.0%	0 0.0%	0 0.0%
	Female	169 73.8%	0 0.0%	169 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Personnel clerks, except payroll and timekeeping (328)	Total	85 100.0%	0 0.0%	85 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	8 9.4%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	77 90.6%	0 0.0%	77 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other	
				White	Black	Native American	Asian and Pacific Isld			
Library clerks (329-334)	Total	146	0	142	4	0	0	0	0	0
	Male	19	0	15	4	0	0	0	0	0
	Female	127	0	127	0	0	0	0	0	0
File clerks (335)	Total	222	0	216	6	0	0	0	0	0
	Male	42	0	42	0	0	0	0	0	0
	Female	180	0	174	6	0	0	0	0	0
Records clerks (336)	Total	108	9	99	0	0	0	0	0	0
	Male	16	0	16	0	0	0	0	0	0
	Female	92	9	83	0	0	0	0	0	0
Bookkeepers, accounting, and auditing clerks (337)	Total	2,323	26	2,210	15	0	0	72	0	0
	Male	223	13	191	7	0	0	12	0	0
	Female	2,100	13	2,019	8	0	0	60	0	0
Payroll and timekeeping clerks (338)	Total	329	0	310	0	0	0	19	0	0
	Male	9	0	9	0	0	0	0	0	0
	Female	320	0	301	0	0	0	19	0	0
Billing clerks (339-342)	Total	311	0	305	6	0	0	0	0	0
	Male	22	0	22	0	0	0	0	0	0
	Female	289	0	283	6	0	0	0	0	0
Cost and rate clerks (343)	Total	103	0	91	0	0	0	12	0	0
	Male	26	0	26	0	0	0	0	0	0
	Female	77	0	65	0	0	0	12	0	0
Billing, posting, and calculating machine operators (344)	Total	57	0	57	0	0	0	0	0	0
	Male	10	0	10	0	0	0	0	0	0
	Female	47	0	47	0	0	0	0	0	0
Duplicating machine operators (345)	Total	42	6	36	0	0	0	0	0	0
	Male	18	0	18	0	0	0	0	0	0
	Female	24	6	18	0	0	0	0	0	0
Mail preparing and paper handling machine operators (346)	Total	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other
Office machine operators, n.e.c. (347)	Total	71	23.9%	29	0	0	25	0
	Male	39	0.0%	14	0	0	25	0
	Female	32	53.1%	15	0	0	0	0
Telephone operators (348-352)	Total	270	3.7%	260	0	0	0	0
	Male	60	16.7%	50	0	0	0	0
	Female	210	0.0%	210	0	0	0	0
Communications equipment operators, n.e.c. (353)	Total	38	0.0%	38	0	0	0	0
	Male	0	0.0%	0	0	0	0	0
	Female	38	0.0%	38	0	0	0	0
Postal clerks, except mail carriers (354)	Total	450	0.0%	441	0	0	9	0
	Male	302	0.0%	302	0	0	0	0
	Female	148	0.0%	139	0	0	9	0
Mail carriers, postal service (355)	Total	521	1.3%	514	0	0	0	0
	Male	418	1.7%	411	0	0	0	0
	Female	103	0.0%	103	0	0	0	0
Mail clerks, except postal service (356)	Total	266	9.8%	229	11	0	0	0
	Male	115	7.0%	103	4	0	0	0
	Female	151	11.9%	126	7	0	0	0
Messengers (357-358)	Total	93	0.0%	93	0	0	0	0
	Male	93	0.0%	93	0	0	0	0
	Female	0	0.0%	0	0	0	0	0
Dispatchers (359-362)	Total	192	7.8%	170	7	0	0	0
	Male	111	0.0%	104	7	0	0	0
	Female	81	18.5%	66	0	0	0	0
Production coordinators (363)	Total	548	0.0%	537	0	0	11	0
	Male	306	0.0%	301	0	0	5	0
	Female	242	0.0%	236	0	0	6	0
Traffic, shipping, and receiving clerks (364)	Total	1,150	6.4%	1,043	0	0	33	0
	Male	855	8.7%	748	0	0	33	0
	Female	295	0.0%	295	0	0	0	0

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				White	Black	Native American	Asian and Pacific Isld	Other
Stock and inventory clerks (365)	Total	986	48	884	22	0	22	10
	Male	537	32	486	9	0	0	10
	Female	449	16	398	13	0	22	0
Meter readers (366-367)	Total	38	0	38	0	0	0	0
	Male	38	0	38	0	0	0	0
	Female	0	0	0	0	0	0	0
Weighers, measurers, checkers, and samplers (368-372)	Total	82	20	46	0	0	16	0
	Male	49	20	29	0	0	0	0
	Female	33	0	17	0	0	16	0
Expeditors (373)	Total	487	16	463	0	0	8	0
	Male	152	0	152	0	0	0	0
	Female	335	16	311	0	0	8	0
Material recording, scheduling, and distributing clerks, n.e.c. (374)	Total	30	0	30	0	0	0	0
	Male	9	0	9	0	0	0	0
	Female	21	0	21	0	0	0	0
Insurance adjusters, examiners, and investigators (375)	Total	349	0	334	15	0	0	0
	Male	75	0	60	15	0	0	0
	Female	274	0	274	0	0	0	0
Investigators and adjusters, except insurance (376)	Total	834	0	792	33	0	9	0
	Male	215	0	205	10	0	0	0
	Female	619	0	587	23	0	9	0
Eligibility clerks, social welfare (377)	Total	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0
Bill and account collectors (378)	Total	139	9	130	0	0	0	0
	Male	31	0	31	0	0	0	0
	Female	108	9	99	0	0	0	0
General office clerks (379-382)	Total	1,687	12	1,621	34	0	20	0
	Male	317	6	298	7	0	6	0
	Female	1,370	6	1,323	27	0	14	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Bank tellers (383)	Total	658	20	623	5	0	10	0	
	Male	90	0	90	0	0	0	0	
	Female	568	20	533	5	0	10	0	
Proofreaders (384)	Total	26	0	26	0	0	0	0	
	Male	18	0	18	0	0	0	0	
	Female	8	0	8	0	0	0	0	
Data-entry keyers (385)	Total	1,199	10	1,113	31	0	45	0	
	Male	132	0	106	6	0	20	0	
	Female	1,067	10	1,007	25	0	25	0	
Statistical clerks (386)	Total	237	0	228	9	0	0	0	
	Male	56	0	56	0	0	0	0	
	Female	181	0	172	9	0	0	0	
Teachers' aides (387-388)	Total	431	16	353	11	0	51	0	
	Male	71	0	20	0	0	51	0	
	Female	360	16	333	11	0	0	0	
Administrative support occupations, n.e.c. (389-402)	Total	1,135	6	1,079	7	2	41	0	
	Male	208	0	198	0	2	8	0	
	Female	927	6	881	7	0	33	0	
SERVICE OCCUPATIONS									
Launderers and ironers (403)	Total	0	0	0	0	0	0	0	
	Male	0	0	0	0	0	0	0	
	Female	0	0	0	0	0	0	0	
Cooks, private household (404)	Total	10	0	10	0	0	0	0	
	Male	0	0	0	0	0	0	0	
	Female	10	0	10	0	0	0	0	
Housekeepers and butlers (405)	Total	0	0	0	0	0	0	0	
	Male	0	0	0	0	0	0	0	
	Female	0	0	0	0	0	0	0	
Child care workers, private household (406)	Total	74	0	74	0	0	0	0	
	Male	4	0	4	0	0	0	0	
	Female	70	0	70	0	0	0	0	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
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Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Private household cleaners and servants (407-412)	Total	108 100.0%	17 15.7%	91 84.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	108 100.0%	17 15.7%	91 84.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, firefighting and fire prevention occupations (413)	Total	88 100.0%	0 0.0%	88 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	88 100.0%	0 0.0%	88 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, police and detectives (414)	Total	62 100.0%	0 0.0%	62 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	52 83.9%	0 0.0%	52 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	10 16.1%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, guards (415)	Total	78 100.0%	0 0.0%	78 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	72 92.3%	0 0.0%	72 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	6 7.7%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Fire inspection and fire prevention occupations (416)	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Firefighting occupations (417)	Total	522 100.0%	12 2.3%	510 97.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	522 100.0%	12 2.3%	510 97.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Police and detectives, public service (418-422)	Total	597 100.0%	0 0.0%	597 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	542 90.8%	0 0.0%	542 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	55 9.2%	0 0.0%	55 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Sheriffs, bailiffs, and other law enforcement officers (423)	Total	69 100.0%	0 0.0%	69 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	69 100.0%	0 0.0%	69 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Correctional institution officers (424)	Total	293 100.0%	4 1.4%	289 98.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	279 95.2%	4 1.4%	275 98.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	14 4.8%	0 0.0%	14 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Crossing guards (425)	Total	32 100.0%	0 0.0%	32 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	5 15.6%	0 0.0%	5 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	27 84.4%	0 0.0%	27 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

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Guards and police, except public service (426)	Total	1,219	18	1,141	37	0	23	0
	Male	1,029	9	960	37	0	23	0
	Female	190	9	181	0	0	0	0
Protective service occupations, n.e.c. (427-432)	Total	28	0	28	0	0	0	0
	Male	28	0	28	0	0	0	0
	Female	0	0	0	0	0	0	0
Supervisors, food preparation and service occupations (433)	Total	321	5	295	0	6	15	0
	Male	141	0	125	0	6	10	0
	Female	180	5	170	0	0	5	0
Bartenders (434)	Total	314	6	308	0	0	0	0
	Male	186	6	180	0	0	0	0
	Female	128	0	128	0	0	0	0
Waiters and waitresses (435)	Total	1,549	47	1,470	0	0	26	6
	Male	157	12	145	0	0	0	0
	Female	1,392	35	1,325	0	0	26	6
Cooks (436-437)	Total	1,894	178	1,642	19	0	55	0
	Male	1,146	156	926	19	0	45	0
	Female	748	22	716	0	0	10	0
Food counter, fountain and related occupations (438)	Total	361	34	311	8	0	8	0
	Male	139	24	99	8	0	8	0
	Female	222	10	212	0	0	0	0
Kitchen workers, food preparation (439-442)	Total	273	0	263	0	0	10	0
	Male	87	0	83	0	0	4	0
	Female	186	0	180	0	0	6	0
Waiters'/waitresses' assistants (443)	Total	207	0	207	0	0	0	0
	Male	88	0	88	0	0	0	0
	Female	119	0	119	0	0	0	0
Miscellaneous food preparation occupations (444)	Total	818	86	677	19	0	36	0
	Male	422	76	291	19	0	36	0
	Female	396	10	386	0	0	0	0

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Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other	
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Dental assistants (445)	Total	332	9.6%	300	0.0%	0	0.0%	0	0.0%
	Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	332	9.6%	300	0.0%	0	0.0%	0	0.0%
Health aides, except nursing (446)	Total	265	12.5%	220	0.0%	0	0.0%	12	4.5%
	Male	39	14.7%	22	56.4%	0	0.0%	12	30.8%
	Female	226	85.3%	198	87.6%	0	0.0%	0	0.0%
Nursing aides, orderlies, and attendants (447)	Total	2,329	100.0%	2,058	88.4%	104	4.5%	14	0.6%
	Male	344	14.8%	275	79.9%	21	6.1%	6	1.7%
	Female	1,985	85.2%	1,783	89.8%	83	4.2%	8	0.4%
Supervisors, cleaning and building service workers (448)	Total	176	100.0%	170	96.6%	0	0.0%	0	0.0%
	Male	159	90.3%	153	96.2%	0	0.0%	0	0.0%
	Female	17	9.7%	17	100.0%	0	0.0%	0	0.0%
Maids and housemen (449-452)	Total	656	100.0%	509	77.6%	34	5.2%	0	0.0%
	Male	214	32.6%	159	74.3%	7	3.3%	0	0.0%
	Female	442	67.4%	350	79.2%	27	6.1%	0	0.0%
Janitors and cleaners (453)	Total	2,625	100.0%	2,275	86.7%	38	1.4%	9	0.3%
	Male	2,143	81.6%	1,873	87.4%	33	1.5%	9	0.4%
	Female	482	18.4%	402	83.4%	5	1.0%	0	0.0%
Elevator operators (454)	Total	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Pest control occupations (455)	Total	67	100.0%	60	89.6%	0	0.0%	0	0.0%
	Male	67	100.0%	60	89.6%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Supervisors, personal service occupations (456)	Total	47	100.0%	42	89.4%	0	0.0%	0	0.0%
	Male	8	17.0%	8	100.0%	0	0.0%	0	0.0%
	Female	39	83.0%	34	87.2%	0	0.0%	0	0.0%
Barbers (457)	Total	46	100.0%	46	100.0%	0	0.0%	0	0.0%
	Male	31	67.4%	31	100.0%	0	0.0%	0	0.0%
	Female	15	32.6%	15	100.0%	0	0.0%	0	0.0%

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Hairdressers and cosmetologists (458)	Total	756 100.0%	31 4.1%	725 95.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	78 10.3%	0 0.0%	78 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	678 89.7%	31 4.6%	647 95.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Attendants, amusement and recreation facilities (459-460)	Total	98 100.0%	0 0.0%	98 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	67 68.4%	0 0.0%	67 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	31 31.6%	0 0.0%	31 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Guides (461)	Total	13 100.0%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	13 100.0%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Ushers (462)	Total	19 100.0%	0 0.0%	19 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	13 68.4%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	6 31.6%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Public transportation attendants (463)	Total	28 100.0%	0 0.0%	28 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 25.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	21 75.0%	0 0.0%	21 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Baggage porters and bellhops (464)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Welfare service aides (465)	Total	77 100.0%	4 5.2%	73 94.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	77 100.0%	4 5.2%	73 94.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Family child care providers (466)	Total	318 100.0%	22 6.9%	296 93.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	318 100.0%	22 6.9%	296 93.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Early childhood teacher's assistants (467)	Total	329 100.0%	17 5.2%	275 83.6%	13 4.0%	0 0.0%	24 7.3%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	329 100.0%	17 5.2%	275 83.6%	13 4.0%	0 0.0%	24 7.3%	0 0.0%
Child care workers, n.e.c. (468)	Total	236 100.0%	17 7.2%	212 89.8%	0 0.0%	0 0.0%	7 3.0%	0 0.0%
	Male	31 13.1%	0 0.0%	31 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	205 86.9%	17 8.3%	181 88.3%	0 0.0%	0 0.0%	7 3.4%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other	
				White	Black	Native American	Asian and Pacific Isld		
Personal service occupations, n.e.c. (469-472)	Total	168 100.0%	0 0.0%	164 97.6%	4 2.4%	0 0.0%	0 0.0%	0 0.0%	
	Male	58 34.5%	0 0.0%	58 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	110 65.5%	0 0.0%	106 96.4%	4 3.6%	0 0.0%	0 0.0%	0 0.0%	
FARMING, FORESTRY, AND FISHING OCCUPATIONS									
	Farmers, except horticultural (473)	Total	99 100.0%	0 0.0%	99 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
		Male	77 77.8%	0 0.0%	77 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Female		22 22.2%	0 0.0%	22 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Horticultural specialty farmers (474)	Total	59 100.0%	0 0.0%	59 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	57 96.6%	0 0.0%	57 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	2 3.4%	0 0.0%	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Managers, farms, except horticultural (475)	Total	48 100.0%	0 0.0%	48 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	37 77.1%	0 0.0%	37 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	11 22.9%	0 0.0%	11 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Managers, horticultural specialty farms (476)	Total	27 100.0%	0 0.0%	27 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	27 100.0%	0 0.0%	27 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Supervisors, farm workers (477-478)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Farm workers (479-482)	Total	72 100.0%	0 0.0%	72 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	55 76.4%	0 0.0%	55 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	17 23.6%	0 0.0%	17 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Marine life cultivation workers (483)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Nursery workers (484)	Total	36 100.0%	0 0.0%	36 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	26 72.2%	0 0.0%	26 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	10 27.8%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Supervisors, related agricultural occupations (485)	Total	45 100.0%	0 0.0%	45 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	45 100.0%	0 0.0%	45 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PHSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other
				White	Black	Native American	Asian and Pacific Islld	Other	
Groundskeepers and gardeners, except farm (486)	Total	536	34	455	26	0	21	0	0
	Male	524	34	447	26	0	17	0	0
	Female	12	0	8	0	0	4	0	0
Animal caretakers, except farm (487)	Total	115	0	115	0	0	0	0	0
	Male	22	0	22	0	0	0	0	0
	Female	93	0	93	0	0	0	0	0
Graders and sorters, agricultural products (488)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Inspectors, agricultural products (489-493)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Supervisors, forestry and logging workers (494)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Forestry workers, except logging (495)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Timber cutting and logging occupations (496)	Total	6	0	6	0	0	0	0	0
	Male	6	0	6	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Captains and other officers, fishing vessels (497)	Total	10	0	10	0	0	0	0	0
	Male	10	0	10	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Fishers (498)	Total	14	0	14	0	0	0	0	0
	Male	14	0	14	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Hunters and trappers (499-502)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0

PRECISION PRODUCTION, CRAFT, AND RELATED OCCUPATIONS

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Supervisors, mechanics and repairers (503-504)	Total	278	0	261	17	0	0	0
	Male	259	0	242	17	0	0	0
	Female	19	0	19	0	0	0	0
Automobile mechanics, except apprentices (505)	Total	1,121	55	1,012	8	5	41	0
	Male	1,104	47	1,003	8	5	41	0
	Female	17	8	9	0	0	0	0
Automobile mechanic apprentices (506)	Total	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0
Bus, truck, and stationary engine mechanics (507)	Total	247	0	240	7	0	0	0
	Male	247	0	240	7	0	0	0
	Female	0	0	0	0	0	0	0
Aircraft engine mechanics (508)	Total	142	0	142	0	0	0	0
	Male	124	0	124	0	0	0	0
	Female	18	0	18	0	0	0	0
Small engine repairers (509-513)	Total	85	0	85	0	0	0	0
	Male	85	0	85	0	0	0	0
	Female	0	0	0	0	0	0	0
Automobile body and related repairers (514)	Total	356	0	356	0	0	0	0
	Male	356	0	356	0	0	0	0
	Female	0	0	0	0	0	0	0
Aircraft mechanics, except engine (515)	Total	8	0	8	0	0	0	0
	Male	8	0	8	0	0	0	0
	Female	0	0	0	0	0	0	0
Heavy equipment mechanics (516)	Total	171	0	156	5	0	10	0
	Male	171	0	156	5	0	10	0
	Female	0	0	0	0	0	0	0
Farm equipment mechanics (517)	Total	19	0	19	0	0	0	0
	Male	19	0	19	0	0	0	0
	Female	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Industrial machinery repairers (518)	Total	345	8	306	0	0	0	31	0
	Male	318	8	287	0	0	0	23	0
	Female	27	0	19	0	0	0	8	0
Machinery maintenance occupations (519-522)	Total	9	0	9	0	0	0	0	0
	Male	9	0	9	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Electronic repairers, communications and industrial equipment (523-524)	Total	287	18	262	0	0	0	7	0
	Male	252	7	238	0	0	0	7	0
	Female	35	11	24	0	0	0	0	0
Data processing equipment repairers (525)	Total	216	0	216	0	0	0	0	0
	Male	188	0	188	0	0	0	0	0
	Female	28	0	28	0	0	0	0	0
Household appliance and power tool repairers (526)	Total	26	0	26	0	0	0	0	0
	Male	26	0	26	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Telephone line installers and repairers (527-528)	Total	101	0	101	0	0	0	0	0
	Male	101	0	101	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Telephone installers and repairers (529-532)	Total	139	0	139	0	0	0	0	0
	Male	139	0	139	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Miscellaneous electrical and electronic equipment repairers (533)	Total	143	6	137	0	0	0	0	0
	Male	116	6	110	0	0	0	0	0
	Female	27	0	27	0	0	0	0	0
Heating, air conditioning, and refrigeration mechanics (534)	Total	271	0	271	0	0	0	0	0
	Male	271	0	271	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Camera, watch, and musical instrument repairers (535)	Total	54	0	54	0	0	0	0	0
	Male	54	0	54	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Locksmiths and safe repairers (536-537)	Total	33 100.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	33 100.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Office machine repairers (538)	Total	105 100.0%	0 0.0%	105 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	105 100.0%	0 0.0%	105 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Mechanical controls and valve repairers (539-542)	Total	20 100.0%	0 0.0%	20 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	20 100.0%	0 0.0%	20 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Elevator installers and repairers (543)	Total	50 100.0%	0 0.0%	50 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	50 100.0%	0 0.0%	50 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Millwrights (544-546)	Total	23 100.0%	0 0.0%	23 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	23 100.0%	0 0.0%	23 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Specified mechanics and repairers, n.e.c. (547-548)	Total	185 100.0%	0 0.0%	173 93.5%	12 6.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	185 100.0%	0 0.0%	173 93.5%	12 6.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Not specified mechanics and repairers (549-552)	Total	570 100.0%	27 4.7%	527 92.5%	0 0.0%	0 0.0%	16 2.8%	0 0.0%	0 0.0%
	Male	525 92.1%	27 5.1%	490 93.3%	0 0.0%	0 0.0%	8 1.5%	0 0.0%	0 0.0%
	Female	45 7.9%	0 0.0%	37 82.2%	0 0.0%	0 0.0%	8 17.8%	0 0.0%	0 0.0%
Supervisors, brickmasons, stonemasons, and tile setters (553)	Total	52 100.0%	0 0.0%	52 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	52 100.0%	0 0.0%	52 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, carpenters and related workers (554)	Total	59 100.0%	0 0.0%	59 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	59 100.0%	0 0.0%	59 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, electricians and power transmission installers (555)	Total	114 100.0%	0 0.0%	114 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	109 95.6%	0 0.0%	109 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	5 4.4%	0 0.0%	5 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Asian and Pacific Isl'd	Other
				White	Black	Native American	Other		
Supervisors, painters, paperhangers, and plasterers (556)	Total	113	0	113	0	0	0	0	0
	Male	105	0	105	0	0	0	0	0
	Female	8	0	8	0	0	0	0	0
Supervisors, plumbers, pipefitters, and steamfitters (557)	Total	26	0	26	0	0	0	0	0
	Male	26	0	26	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Supervisors, construction n.e.c. (558-562)	Total	874	8	845	8	9	12	12	0
	Male	874	8	845	8	9	12	12	0
	Female	0	0	0	0	0	0	0	0
Brickmasons and stonemasons, except apprentices (563)	Total	247	7	232	0	0	8	8	0
	Male	247	7	232	0	0	8	8	0
	Female	0	0	0	0	0	0	0	0
Brickmason and stonemason apprentices (564)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Tile setters, hard and soft (565)	Total	48	0	48	0	0	0	0	0
	Male	48	0	48	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Carpet installers (566)	Total	112	4	108	4	0	0	0	0
	Male	112	4	108	4	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Carpenters, except apprentices (567-568)	Total	2,200	41	2,138	5	0	16	16	0
	Male	2,185	41	2,123	5	0	16	16	0
	Female	15	0	15	0	0	0	0	0
Carpenter apprentices (569-572)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Drywall installers (573-574)	Total	166	0	166	0	0	0	0	0
	Male	156	0	156	0	0	0	0	0
	Female	10	0	10	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin

1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Electricians, except apprentices (575)	Total	1,085 100.0%	11 1.0%	1,067 98.3%	0 0.0%	0 0.0%	0 0.0%	7 0.6%	0 0.0%
	Male	1,059 97.6%	11 1.0%	1,041 98.3%	0 0.0%	0 0.0%	0 0.0%	7 0.7%	0 0.0%
	Female	26 2.4%	0 0.0%	26 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Electrician apprentices (576)	Total	16 100.0%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	16 100.0%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Electrical power installers and repairers (577-578)	Total	87 100.0%	0 0.0%	82 94.3%	0 0.0%	0 0.0%	0 0.0%	5 5.7%	0 0.0%
	Male	82 94.3%	0 0.0%	82 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	5 5.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 100.0%	0 0.0%
Painters, construction and maintenance (579-582)	Total	768 100.0%	22 2.9%	728 94.8%	0 0.0%	0 0.0%	0 0.0%	18 2.3%	0 0.0%
	Male	724 94.3%	22 3.0%	690 95.3%	0 0.0%	0 0.0%	0 0.0%	12 1.7%	0 0.0%
	Female	44 5.7%	0 0.0%	38 86.4%	0 0.0%	0 0.0%	0 0.0%	6 13.6%	0 0.0%
Paperhangers (583)	Total	40 100.0%	0 0.0%	40 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	24 60.0%	0 0.0%	24 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	16 40.0%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Plasterers (584)	Total	146 100.0%	0 0.0%	146 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	139 95.2%	0 0.0%	139 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	7 4.8%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Plumbers, pipefitters, and steamfitters, except apprentices (585-586)	Total	635 100.0%	0 0.0%	628 98.9%	0 0.0%	7 1.1%	0 0.0%	0 0.0%	0 0.0%
	Male	635 100.0%	0 0.0%	628 98.9%	0 0.0%	7 1.1%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Plumber, pipefitter, and steamfitter apprentices (587)	Total	29 100.0%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	29 100.0%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Concrete and terrazzo finishers (588)	Total	71 100.0%	0 0.0%	71 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	71 100.0%	0 0.0%	71 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Glaziers (589-592)	Total	29 100.0%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	29 100.0%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Insulation workers (593)	Total	14 100.0%	0 0.0%	14 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	14 100.0%	0 0.0%	14 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Paving, surfacing, and tamping equipment operators (594)	Total	25 100.0%	0 0.0%	25 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	25 100.0%	0 0.0%	25 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Roofers (595)	Total	238 100.0%	18 7.6%	220 92.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	238 100.0%	18 7.6%	220 92.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Sheetmetal duct installers (596)	Total	107 100.0%	0 0.0%	107 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	107 100.0%	0 0.0%	107 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Structural metal workers (597)	Total	34 100.0%	0 0.0%	34 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	34 100.0%	0 0.0%	34 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Drillers, earth (598)	Total	29 100.0%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	29 100.0%	0 0.0%	29 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Construction trades, n.e.c. (599-612)	Total	157 100.0%	6 3.8%	140 89.2%	11 7.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	157 100.0%	6 3.8%	140 89.2%	11 7.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, extractive occupations (613)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Drillers, oil well (614)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Explosives workers (615)	Total	10 100.0%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	10 100.0%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
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Mining machine operators (616)	Total	10	0	10	0	0	0	0	0
	Male	10	0	10	0	0	0	0	0
Mining occupations, n.e.c. (617-627)	Female	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0
Supervisors, production occupations (628-633)	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Tool and die makers, except apprentices (634)	Total	2,129	99	1,965	19	8	38	0	0
	Male	1,567	90	1,430	19	0	28	0	0
Tool and die maker apprentices (635)	Female	562	9	535	0	8	10	0	0
	Total	29	0	15	0	0	14	0	0
Precision assemblers, metal (636)	Male	29	0	15	0	0	14	0	0
	Female	0	0	0	0	0	0	0	0
Machinists, except apprentices (637-638)	Total	13	0	13	0	0	0	0	0
	Male	13	0	13	0	0	0	0	0
Machinist apprentices (639-642)	Female	0	0	0	0	0	0	0	0
	Total	60	0	39	0	0	21	0	0
Boilermakers (643)	Male	44	0	23	0	0	21	0	0
	Female	16	0	16	0	0	0	0	0
Precision grinders, filers, and tool sharpeners (644)	Total	1,022	12	973	20	0	17	0	0
	Male	1,012	7	968	20	0	17	0	0
Other	Female	10	5	5	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
	Total	19	0	19	0	0	0	0	0
	Male	19	0	19	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
	Total	19	0	19	0	0	0	0	0
	Male	11	0	11	0	0	0	0	0
	Female	8	0	8	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other
Patternmakers and model makers, metal (645)	Total	6 100.0%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	6 100.0%	0 0.0%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Lay-out workers (646)	Total	15 100.0%	0 0.0%	15 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 46.7%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	8 53.3%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Precious stones and metals workers (Jewelers) (647-648)	Total	10 100.0%	5 50.0%	5 50.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	10 100.0%	5 50.0%	5 50.0%	0 0%	0 0%	0 0%	0 0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Engravers, metal (649-652)	Total	41 100.0%	0 0.0%	41 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	41 100.0%	0 0.0%	41 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Sheet metal workers, except apprentices (653)	Total	247 100.0%	0 0.0%	247 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	247 100.0%	0 0.0%	247 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Sheet metal worker apprentices (654)	Total	0 0%	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Male	0 0%	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Female	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Miscellaneous precision metal workers (655)	Total	0 0%	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Male	0 0%	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Female	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Patternmakers and model makers, wood (656)	Total	0 0%	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Male	0 0%	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Female	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Cabinet makers and bench carpenters (657)	Total	33 100.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	33 100.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Furniture and wood finishers (658)	Total	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
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LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
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Miscellaneous precision woodworkers (659-665)	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Dressmakers (666)	Total	53 100.0%	8 15.1%	40 75.5%	0 0.0%	0 0.0%	5 9.4%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	53 100.0%	8 15.1%	40 75.5%	0 0.0%	0 0.0%	5 9.4%	0 0.0%
Tailors (667)	Total	23 100.0%	0 0.0%	18 78.3%	0 0.0%	0 0.0%	5 21.7%	0 0.0%
	Male	18 78.3%	0 0.0%	18 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	5 21.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 100.0%	0 0.0%
Upholsterers (668)	Total	23 100.0%	6 26.1%	17 73.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	6 26.1%	6 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	17 73.9%	0 0.0%	17 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Shoe repairers (669-673)	Total	10 100.0%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	10 100.0%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Miscellaneous precision apparel and fabric workers (674)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Hand molders and shapers, except jewelers (675)	Total	30 100.0%	0 0.0%	25 83.3%	0 0.0%	0 0.0%	5 16.7%	0 0.0%
	Male	30 100.0%	0 0.0%	25 83.3%	0 0.0%	0 0.0%	5 16.7%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Patternmakers, lay-out workers, and cutters (676)	Total	14 100.0%	0 0.0%	14 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	10 71.4%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	4 28.6%	0 0.0%	4 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Optical goods workers (677)	Total	93 100.0%	7 7.5%	76 81.7%	0 0.0%	0 0.0%	10 10.8%	0 0.0%
	Male	57 61.3%	0 0.0%	57 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	36 38.7%	7 19.4%	19 52.8%	0 0.0%	0 0.0%	10 27.8%	0 0.0%
Dental laboratory and medical appliance technicians (678)	Total	33 100.0%	0 0.0%	18 54.5%	0 0.0%	0 0.0%	15 45.5%	0 0.0%
	Male	8 24.2%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	25 75.8%	0 0.0%	10 40.0%	0 0.0%	0 0.0%	15 60.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
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Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic						
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Bookbinders (679-682)	Total	92	0	92	0	0	0	0	0	0
	Male	76	0	76	0	0	0	0	0	0
	Female	16	0	16	0	0	0	0	0	0
Electrical and electronic equipment assemblers (683)	Total	1,656	138	1,060	21	1.3%	0	0.0%	425	25.7%
	Male	542	83	285	0	0.0%	0	0.0%	174	32.1%
	Female	1,114	55	775	21	1.9%	0	0.0%	251	22.5%
Miscellaneous precision workers, n.e.c. (684-685)	Total	71	15	51	0	0.0%	0	0.0%	5	7.0%
	Male	57	11	41	0	0.0%	0	0.0%	5	8.8%
	Female	14	4	10	0	0.0%	0	0.0%	0	0.0%
Butchers and meat cutters (686)	Total	103	17	72	0	0.0%	0	0.0%	14	13.6%
	Male	70	10	52	0	0.0%	0	0.0%	8	11.4%
	Female	33	7	20	0	0.0%	0	0.0%	6	18.2%
Bakers (687)	Total	187	0	182	0	0.0%	0	0.0%	5	2.7%
	Male	130	0	125	0	0.0%	0	0.0%	5	3.8%
	Female	57	0	57	0	0.0%	0	0.0%	0	0.0%
Food batchmakers (688)	Total	17	0	17	0	0.0%	0	0.0%	0	0.0%
	Male	8	0	8	0	0.0%	0	0.0%	0	0.0%
	Female	9	0	9	0	0.0%	0	0.0%	0	0.0%
Inspectors, testers, and graders (689-692)	Total	387	17	326	3	0.8%	0	0.0%	41	10.6%
	Male	219	9	186	3	1.4%	0	0.0%	21	9.6%
	Female	168	8	140	0	0.0%	0	0.0%	20	11.9%
Adjusters and calibrators (693)	Total	36	0	36	0	0.0%	0	0.0%	0	0.0%
	Male	26	0	26	0	0.0%	0	0.0%	0	0.0%
	Female	10	0	10	0	0.0%	0	0.0%	0	0.0%
Water and sewage treatment plant operators (694)	Total	113	10	96	0	0.0%	7	6.2%	0	0.0%
	Male	113	10	96	0	0.0%	7	6.2%	0	0.0%
	Female	0	0	0	0	0%	0	0%	0	0%
Power plant operators (695)	Total	0	0	0	0	0%	0	0%	0	0%
	Male	0	0	0	0	0%	0	0%	0	0%
	Female	0	0	0	0	0%	0	0%	0	0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
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LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
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Stationary engineers (696-698)	Total	273	3	251	0	0	0	19	0
	Male	259	3	242	0	0	0	14	0
	Female	14	0	9	0	0	0	5	0
Miscellaneous plant and system operators (699-702)	Total	22	0	22	0	0	0	0	0
	Male	22	0	22	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
MACHINE OPERATORS, ASSEMBLERS, AND INSPECTORS									
Lathe and turning machine set-up operators (703)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Lathe and turning machine operators (704)	Total	48	0	48	0	0	0	0	0
	Male	48	0	48	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Milling and planing machine operators (705)	Total	12	0	12	0	0	0	0	0
	Male	12	0	12	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Punching and stamping press machine operators (706)	Total	48	0	48	0	0	0	0	0
	Male	48	0	48	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Rolling machine operators (707)	Total	12	0	12	0	0	0	0	0
	Male	12	0	12	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0
Drilling and boring machine operators (708)	Total	18	18	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	18	18	0	0	0	0	0	0
Grinding, abrading, buffing, and polishing machine operators (709-712)	Total	126	0	126	0	0	0	0	0
	Male	112	0	112	0	0	0	0	0
	Female	14	0	14	0	0	0	0	0
Forging machine operators (713)	Total	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
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LOCATION: Lowell, MA-NH PHSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic										
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Numerical control machine operators (714)	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous metal, plastic, stone, and glass working machine operators (715-716)	Total	22	0	22	0	0	0	0	0	0	0	0	0	0
	Male	22	0	22	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricating machine operators, n.e.c. (717-718)	Total	10	0	10	0	0	0	0	0	0	0	0	0	0
	Male	10	0	10	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Molding and casting machine operators (719-722)	Total	43	0	37	0	0	0	0	0	0	0	6	0	0
	Male	35	0	29	0	0	0	0	0	0	0	6	0	0
	Female	8	0	8	0	0	0	0	0	0	0	0	0	0
Metal plating machine operators (723)	Total	115	0	115	0	0	0	0	0	0	0	0	0	0
	Male	115	0	115	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Heat treating equipment operators (724)	Total	12	0	12	0	0	0	0	0	0	0	0	0	0
	Male	12	0	12	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous metal and plastic processing machine operators (725)	Total	9	0	9	0	0	0	0	0	0	0	0	0	0
	Male	9	0	9	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Wood lathe, routing, and planing machine operators (726)	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Sawing machine operators (727)	Total	34	0	25	0	0	0	0	0	0	0	9	0	0
	Male	34	0	25	0	0	0	0	0	0	0	9	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0
Shaping and joining machine operators (728)	Total	15	0	15	0	0	0	0	0	0	0	0	0	0
	Male	15	0	15	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin

1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other												
				White	Black	Native American	Asian and Pacific Isld													
Nailing and tacking machine operators (729-732)	Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous woodworking machine operators (733)	Total	21	7	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	21	7	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing press operators (734)	Total	473	0	467	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	450	0	444	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	23	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Photoengravers and lithographers (735)	Total	86	0	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	61	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Typesetters and compositors (736)	Total	104	0	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	32	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	72	0	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous printing machine operators (737)	Total	88	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	38	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	50	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Winding and twisting machine operators (738)	Total	22	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	22	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Knitting, looping, taping, and weaving machine operators (739-742)	Total	18	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	11	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile cutting machine operators (743)	Total	16	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	16	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile sewing machine operators (744)	Total	377	195	148	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Male	207	141	55	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	170	54	93	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Asian and Pacific Isld	Other
				White	Black	Native American	Other		
Shoe machine operators (745-746)	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Pressing machine operators (747)	Total	55 100.0%	0 0.0%	49 89.1%	0 0.0%	0 0.0%	6 10.9%	0 0.0%	0 0.0%
	Male	23 41.8%	0 0.0%	17 73.9%	0 0.0%	0 0.0%	6 26.1%	0 0.0%	0 0.0%
	Female	32 58.2%	0 0.0%	32 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Laundering and dry cleaning machine operators (748)	Total	307 100.0%	50 16.3%	250 81.4%	0 0.0%	0 0.0%	7 2.3%	0 0.0%	0 0.0%
	Male	123 40.1%	23 18.7%	100 81.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	184 59.9%	27 14.7%	150 81.5%	0 0.0%	0 0.0%	7 3.8%	0 0.0%	0 0.0%
Miscellaneous textile machine operators (749-752)	Total	128 100.0%	13 10.2%	91 71.1%	12 9.4%	0 0.0%	12 9.4%	0 0.0%	0 0.0%
	Male	94 73.4%	8 8.5%	62 66.0%	12 12.8%	0 0.0%	12 12.8%	0 0.0%	0 0.0%
	Female	34 26.6%	5 14.7%	29 85.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Cementing and gluing machine operators (753)	Total	43 100.0%	7 16.3%	20 46.5%	0 0.0%	0 0.0%	16 37.2%	0 0.0%	0 0.0%
	Male	27 62.8%	7 25.9%	10 37.0%	0 0.0%	0 0.0%	10 37.0%	0 0.0%	0 0.0%
	Female	16 37.2%	0 0.0%	10 62.5%	0 0.0%	0 0.0%	6 37.5%	0 0.0%	0 0.0%
Packaging and filling machine operators (754)	Total	344 100.0%	26 7.6%	269 78.2%	3 0.9%	0 0.0%	46 13.4%	0 0.0%	0 0.0%
	Male	100 29.1%	0 0.0%	89 89.0%	3 3.0%	0 0.0%	8 8.0%	0 0.0%	0 0.0%
	Female	244 70.9%	26 10.7%	180 73.8%	0 0.0%	0 0.0%	38 15.6%	0 0.0%	0 0.0%
Extruding and forming machine operators (755)	Total	28 100.0%	0 0.0%	28 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	28 100.0%	0 0.0%	28 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Mixing and blending machine operators (756)	Total	93 100.0%	22 23.7%	71 76.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	79 84.9%	16 20.3%	63 79.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	14 15.1%	6 42.9%	8 57.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Separating, filtering, and clarifying machine operators (757)	Total	83 100.0%	0 0.0%	83 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	55 66.3%	0 0.0%	55 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	28 33.7%	0 0.0%	28 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Compressing and compacting machine operators (758)	Total	42 100.0%	0 0.0%	42 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	42 100.0%	0 0.0%	42 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Painting and paint spraying machine operators (759-762)	Total	169 100.0%	2 1.2%	156 92.3%	0 0.0%	0 0.0%	11 6.5%	0 0.0%
	Male	151 89.3%	2 1.3%	138 91.4%	0 0.0%	0 0.0%	11 7.3%	0 0.0%
	Female	18 10.7%	0 0.0%	18 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Roasting and baking machine operators, food (763)	Total	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Male	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Female	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Washing, cleaning, and pickling machine operators (764)	Total	11 100.0%	0 0.0%	11 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	11 100.0%	0 0.0%	11 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Folding machine operators (765)	Total	43 100.0%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	34 79.1%	0 0.0%	34 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	9 20.9%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Furnace, kiln, and oven operators, except food (766-767)	Total	96 100.0%	0 0.0%	87 90.6%	0 0.0%	0 0.0%	9 9.4%	0 0.0%
	Male	93 96.9%	0 0.0%	84 90.3%	0 0.0%	0 0.0%	9 9.7%	0 0.0%
	Female	3 3.1%	0 0.0%	3 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Crushing and grinding machine operators (768)	Total	16 100.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	16 100.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Slicing and cutting machine operators (769-772)	Total	110 100.0%	0 0.0%	75 68.2%	0 0.0%	0 0.0%	35 31.8%	0 0.0%
	Male	65 59.1%	0 0.0%	36 55.4%	0 0.0%	0 0.0%	29 44.6%	0 0.0%
	Female	45 40.9%	0 0.0%	39 86.7%	0 0.0%	0 0.0%	6 13.3%	0 0.0%
Motion picture projectionists (773)	Total	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Male	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
	Female	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
Photographic process machine operators (774-776)	Total	110 100.0%	6 5.5%	104 94.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	51 46.4%	0 0.0%	51 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	59 53.6%	6 10.2%	53 89.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Manufacturing, nondurable goods (777-778) (Industry codes 100-229)2	Total	237 100.0%	42 17.7%	189 79.7%	0 0.0%	0 0.0%	6 2.5%	0 0.0%
	Male	162 68.4%	20 12.3%	136 84.0%	0 0.0%	0 0.0%	6 3.7%	0 0.0%
	Female	75 31.6%	22 29.3%	53 70.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic											
				White	Black	Native American	Asian and Pacific Isld	Other							
Manufacturing, durable goods (777-778) (Industry codes 230-399)	Total	381	100.0%	51	13.4%	250	65.6%	4	1.0%	0	0.0%	76	19.9%	0	0.0%
	Male	271	71.1%	40	14.8%	165	60.9%	0	0.0%	0	0.0%	66	24.4%	0	0.0%
	Female	110	28.9%	11	10.0%	85	77.3%	4	3.6%	0	0.0%	10	9.1%	0	0.0%
Nonmanufacturing industries (777-778) (Industry codes 010-099,400-999)	Total	113	100.0%	7	6.2%	84	74.3%	0	0.0%	0	0.0%	22	19.5%	0	0.0%
	Male	50	44.2%	0	0.0%	37	74.0%	0	0.0%	0	0.0%	13	26.0%	0	0.0%
	Female	63	55.8%	7	11.1%	47	74.6%	0	0.0%	0	0.0%	9	14.3%	0	0.0%
Manufacturing, nondurable goods (779-782) (Industry codes 100-229)	Total	213	100.0%	30	14.1%	176	82.6%	0	0.0%	0	0.0%	7	3.3%	0	0.0%
	Male	161	75.6%	22	13.7%	132	82.0%	0	0.0%	0	0.0%	7	4.3%	0	0.0%
	Female	52	24.4%	8	15.4%	44	84.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Manufacturing, durable goods (779-782) (Industry codes 230-399)3	Total	381	100.0%	80	21.0%	222	58.3%	7	1.8%	0	0.0%	72	18.9%	0	0.0%
	Male	247	64.8%	40	16.2%	164	66.4%	0	0.0%	0	0.0%	43	17.4%	0	0.0%
	Female	134	35.2%	40	29.9%	58	43.3%	7	5.2%	0	0.0%	29	21.6%	0	0.0%
Nonmanufacturing industries (779-782) (Industry codes 010-099,400-999)3	Total	249	100.0%	8	3.2%	226	90.8%	0	0.0%	0	0.0%	15	6.0%	0	0.0%
	Male	172	69.1%	0	0.0%	162	94.2%	0	0.0%	0	0.0%	10	5.8%	0	0.0%
	Female	77	30.9%	8	10.4%	64	83.1%	0	0.0%	0	0.0%	5	6.5%	0	0.0%
Welders and cutters (783)	Total	405	100.0%	10	2.5%	380	93.8%	0	0.0%	0	0.0%	15	3.7%	0	0.0%
	Male	384	94.8%	0	0.0%	369	96.1%	0	0.0%	0	0.0%	15	3.9%	0	0.0%
	Female	21	5.2%	10	47.6%	11	52.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Solderers and brazers (784)	Total	266	100.0%	0	0.0%	239	89.8%	0	0.0%	0	0.0%	27	10.2%	0	0.0%
	Male	33	12.4%	0	0.0%	33	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	233	87.6%	0	0.0%	206	88.4%	0	0.0%	0	0.0%	27	11.6%	0	0.0%
Assemblers (785)	Total	2,361	100.0%	169	7.2%	1,708	72.3%	23	1.0%	0	0.0%	446	18.9%	15	0.6%
	Male	1,010	42.8%	59	5.8%	737	73.0%	0	0.0%	0	0.0%	214	21.2%	0	0.0%
	Female	1,351	57.2%	110	8.1%	971	71.9%	23	1.7%	0	0.0%	232	17.2%	15	1.1%
Hand cutting and trimming occupations (786)	Total	9	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	100.0%	0	0.0%
	Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	9	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9	100.0%	0	0.0%
Hand molding, casting, and forming occupations (787-788)	Total	49	100.0%	17	34.7%	32	65.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	49	100.0%	17	34.7%	32	65.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					
				White	Black	Native American	Asian and Pacific Isld	Other	
Hand painting, coating, and decorating occupations (789-792)	Total	23 100.0%	0 0.0%	13 56.5%	10 43.5%	0 0.0%	0 0.0%	0 0.0%	
	Male	16 69.6%	0 0.0%	6 37.5%	10 62.5%	0 0.0%	0 0.0%	0 0.0%	
	Female	7 30.4%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Hand engraving and printing occupations (793-794)	Total	47 100.0%	0 0.0%	38 80.9%	0 0.0%	0 0.0%	9 19.1%	0 0.0%	
	Male	35 74.5%	0 0.0%	26 74.3%	0 0.0%	0 0.0%	9 25.7%	0 0.0%	
	Female	12 25.5%	0 0.0%	12 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Miscellaneous hand working occupations (795)	Total	16 100.0%	0 0.0%	16 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	7 43.8%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	9 56.3%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Production inspectors, checkers, and examiners (796)	Total	1,469 100.0%	84 5.7%	1,192 81.1%	15 1.0%	0 0.0%	178 12.1%	0 0.0%	
	Male	663 45.1%	64 9.7%	495 74.7%	0 0.0%	0 0.0%	104 15.7%	0 0.0%	
	Female	806 54.9%	20 2.5%	697 86.5%	15 1.9%	0 0.0%	74 9.2%	0 0.0%	
Production testers (797)	Total	322 100.0%	20 6.2%	270 83.9%	0 0.0%	0 0.0%	32 9.9%	0 0.0%	
	Male	157 48.8%	9 5.7%	132 84.1%	0 0.0%	0 0.0%	16 10.2%	0 0.0%	
	Female	165 51.2%	11 6.7%	138 83.6%	0 0.0%	0 0.0%	16 9.7%	0 0.0%	
Production samplers and weighers (798)	Total	18 100.0%	0 0.0%	9 50.0%	0 0.0%	0 0.0%	9 50.0%	0 0.0%	
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	18 100.0%	0 0.0%	9 50.0%	0 0.0%	0 0.0%	9 50.0%	0 0.0%	
Graders and sorters, except agricultural (799-802)	Total	102 100.0%	5 4.9%	79 77.5%	0 0.0%	0 0.0%	18 17.6%	0 0.0%	
	Male	21 20.6%	0 0.0%	13 61.9%	0 0.0%	0 0.0%	8 38.1%	0 0.0%	
	Female	81 79.4%	5 6.2%	66 81.5%	0 0.0%	0 0.0%	10 12.3%	0 0.0%	
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS									
Supervisors, motor vehicle operators (803)	Total	102 100.0%	0 0.0%	102 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	95 93.1%	0 0.0%	95 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	7 6.9%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Truck drivers (804-805)	Total	2,806 100.0%	69 2.5%	2,654 94.6%	29 1.0%	18 0.6%	36 1.3%	0 0.0%	
	Male	2,653 94.5%	69 2.6%	2,501 94.3%	29 1.1%	18 0.7%	36 1.4%	0 0.0%	
	Female	153 5.5%	0 0.0%	153 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
Driver-sales workers (806-807)	Total	84 100.0%	0 0.0%	84 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Male	73 86.9%	0 0.0%	73 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
	Female	11 13.1%	0 0.0%	11 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other	
				White	Black	Native American	Asian and Pacific Isld		
Bus drivers (808)	Total	505	30	475	0	0	0	0	0
	Male	230	30	200	0	0	0	0	0
	Female	275	0	275	0	0	0	0	0
Taxicab drivers and chauffeurs (809-812)	Total	192	8	159	10	0	15	7.8%	0
	Male	144	8	126	10	0	0	0.0%	0
	Female	48	0	33	0	0	15	31.3%	0
Parking lot attendants (813)	Total	17	0	17	0	0	0	0.0%	0
	Male	17	0	17	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Motor transportation occupations, n.e.c. (814-822)	Total	0	0	0	0	0	0	0.0%	0
	Male	0	0	0	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Railroad conductors and yardmasters (823)	Total	37	0	37	0	0	0	0.0%	0
	Male	37	0	37	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Locomotive operating occupations (824)	Total	7	0	7	0	0	0	0.0%	0
	Male	7	0	7	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Railroad brake, signal, and switch operators (825)	Total	9	0	9	0	0	0	0.0%	0
	Male	9	0	9	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Rail vehicle operators, n.e.c. (826-827)	Total	0	0	0	0	0	0	0.0%	0
	Male	0	0	0	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Ship captains and mates, except fishing boats (828)	Total	7	0	7	0	0	0	0.0%	0
	Male	7	0	7	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0
Sailors and deckhands (829-832)	Total	0	0	0	0	0	0	0.0%	0
	Male	0	0	0	0	0	0	0.0%	0
	Female	0	0	0	0	0	0	0.0%	0

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic				Other
				White	Black	Native American	Asian and Pacific Isld	
Marine engineers (833)	Total	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	8 100.0%	0 0.0%	8 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Bridge, lock, and lighthouse tenders (834-842)	Total	32 100.0%	0 0.0%	32 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	22 68.8%	0 0.0%	22 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	10 31.3%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, material moving equipment operators (843)	Total	24 100.0%	0 0.0%	24 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	24 100.0%	0 0.0%	24 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Operating engineers (844)	Total	220 100.0%	0 0.0%	220 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	218 99.1%	0 0.0%	218 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	2 0.9%	0 0.0%	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Longshore equipment operators (845-847)	Total	9 100.0%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	9 100.0%	0 0.0%	9 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Hoist and winch operators (848)	Total	2 100.0%	0 0.0%	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	2 100.0%	0 0.0%	2 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Crane and tower operators (849-852)	Total	78 100.0%	0 0.0%	78 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	78 100.0%	0 0.0%	78 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Excavating and loading machine operators (853-854)	Total	77 100.0%	0 0.0%	77 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	77 100.0%	0 0.0%	77 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Grader, dozer, and scraper operators (855)	Total	103 100.0%	0 0.0%	103 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	98 95.1%	0 0.0%	98 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	5 4.9%	0 0.0%	5 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Industrial truck and tractor equipment operators (856-858)	Total	332 100.0%	38 11.4%	294 88.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	332 100.0%	38 11.4%	294 88.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other
				White	Black	Native American	Asian and Pacific Isld		
Miscellaneous material moving equipment operators (859-863)	Total	46 100.0%	0 0.0%	46 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	46 100.0%	0 0.0%	46 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
HANDLERS, EQUIPMENT CLEANERS, HELPERS, AND LABORERS	Total	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 100.0%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (864)	Total	13 100.0%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	13 100.0%	0 0.0%	13 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Helpers, mechanics, and repairers (865)	Total	102 100.0%	8 7.8%	94 92.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	102 100.0%	8 7.8%	94 92.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Helpers, construction trades (866)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Helpers, surveyor (867)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Helpers, extractive occupations (868)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Construction laborers (869-873)	Total	1,135 100.0%	53 4.7%	1,067 94.0%	0 0.0%	0 0.0%	0 0.0%	15 1.3%	0 0.0%
	Male	1,092 96.2%	53 4.9%	1,024 93.8%	0 0.0%	0 0.0%	0 0.0%	15 1.4%	0 0.0%
	Female	43 3.8%	0 0.0%	43 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Production helpers (874)	Total	17 100.0%	0 0.0%	17 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	7 41.2%	0 0.0%	7 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	10 58.8%	0 0.0%	10 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Garbage collectors (875)	Total	33 100.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	33 100.0%	0 0.0%	33 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Stevedores (876)	Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Male	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
	Female	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
 1990 Census of Population and Housing - EEO File

LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total All Races	Hispanic All Races	Non - Hispanic					Other						
				White	Black	Native American	Asian and Pacific Isld								
Stock handlers and baggers (877)	Total	1,227	100.0%	78	6.4%	1,135	92.5%	14	1.1%	0	0.0%	0	0.0%	0	0.0%
	Male	808	65.9%	57	7.1%	737	91.2%	14	1.7%	0	0.0%	0	0.0%	0	0.0%
	Female	419	34.1%	21	5.0%	398	95.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Machine feeders and offbearers (878-882)	Total	77	100.0%	12	15.6%	65	84.4%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	67	87.0%	12	17.9%	55	82.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	10	13.0%	0	0.0%	10	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Freight, stock, and material handlers, n.e.c. (883-884)	Total	608	100.0%	20	3.3%	576	94.7%	6	1.0%	0	0.0%	6	1.0%	0	0.0%
	Male	551	90.6%	20	3.6%	525	95.3%	6	1.1%	0	0.0%	0	0.0%	0	0.0%
	Female	57	9.4%	0	0.0%	51	89.5%	0	0.0%	0	0.0%	6	10.5%	0	0.0%
Garage and service station related occupations (885-886)	Total	363	100.0%	17	4.7%	346	95.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	338	93.1%	17	5.0%	321	95.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	25	6.9%	0	0.0%	25	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Vehicle washers and equipment cleaners (887)	Total	183	100.0%	19	10.4%	159	86.9%	5	2.7%	0	0.0%	0	0.0%	0	0.0%
	Male	183	100.0%	19	10.4%	159	86.9%	5	2.7%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Hand packers and packagers (888)	Total	412	100.0%	42	10.2%	300	72.8%	0	0.0%	6	1.5%	54	13.1%	10	2.4%
	Male	182	44.2%	30	16.5%	124	68.1%	0	0.0%	0	0.0%	28	15.4%	0	0.0%
	Female	230	55.8%	12	5.2%	176	76.5%	0	0.0%	6	2.6%	26	11.3%	10	4.3%
Manufacturing, nondurable goods (889-902) (Industry codes 100-229)4	Total	151	100.0%	14	9.3%	131	86.8%	6	4.0%	0	0.0%	0	0.0%	0	0.0%
	Male	135	89.4%	14	10.4%	115	85.2%	6	4.4%	0	0.0%	0	0.0%	0	0.0%
	Female	16	10.6%	0	0.0%	16	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Manufacturing, durable goods (889-902) (Industry codes 230-399)4	Total	193	100.0%	6	3.1%	187	96.9%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Male	142	73.6%	6	4.2%	136	95.8%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
	Female	51	26.4%	0	0.0%	51	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Transportation, communications, and other public utilities (889-902) (Industry codes 400-499)4	Total	125	100.0%	0	0.0%	117	93.6%	8	6.4%	0	0.0%	0	0.0%	0	0.0%
	Male	125	100.0%	0	0.0%	117	93.6%	8	6.4%	0	0.0%	0	0.0%	0	0.0%
	Female	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Wholesale and retail trade (889-902) (Industry codes 500-699)4	Total	490	100.0%	6	1.2%	454	92.7%	19	3.9%	0	0.0%	11	2.2%	0	0.0%
	Male	458	93.5%	6	1.3%	422	92.1%	19	4.1%	0	0.0%	11	2.4%	0	0.0%
	Female	32	6.5%	0	0.0%	32	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Detailed Occupations of the Civilian Labor Force by Sex, Race, and Hispanic Origin
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LOCATION: Lowell, MA-NH PMSA

Occupation	Sex	Total ALL Races	Hispanic ALL Races	Non - Hispanic				
				White	Black	Native American	Asian and Pacific Isld	Other
All other industries (889-902) (Industry codes 010-099, 700-999)4	Total	223 100.0%	20 9.0%	184 82.5%	0 0.0%	0 0.0%	19 8.5%	0 0.0%
	Male	181 81.2%	9 5.0%	153 84.5%	0 0.0%	0 0.0%	19 10.5%	0 0.0%
	Female	42 18.8%	11 26.2%	31 73.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
EXPERIENCED UNEMPLOYED, NOT CLASSIFIED BY OCCUPATION	Total	998 100.0%	148 14.8%	657 65.8%	43 4.3%	0 0.0%	150 15.0%	0 0.0%
	Male	422 42.3%	76 18.0%	248 58.8%	33 7.8%	0 0.0%	65 15.4%	0 0.0%
	Female	576 57.7%	72 12.5%	409 71.0%	10 1.7%	0 0.0%	85 14.8%	0 0.0%
Unemployed, no recent civilian work experience (000, 903-999)	Total	998 100.0%	148 14.8%	657 65.8%	43 4.3%	0 0.0%	150 15.0%	0 0.0%
	Male	422 42.3%	76 18.0%	248 58.8%	33 7.8%	0 0.0%	65 15.4%	0 0.0%
	Female	576 57.7%	72 12.5%	409 71.0%	10 1.7%	0 0.0%	85 14.8%	0 0.0%

