

Demographic, Socio-Economic, Schooling, and Labor Market
Indicators for 16-24 Year Olds in the Lower Merrimack WIA of
Massachusetts in 2005-2007

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Table 1:
The Resident Population of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts by
Gender, Race-Ethnicity, Age Nativity Status and Group and Living Quarters in 2000

Group	Civilian Household Population	Non-Institutionalized Group Quarter Population	Institutionalized Group Quarter Population	Total Resident Population
All 16-24	26,324	1,666	115	28,105
Male	13,513	673	81	14,267
Female	12,811	993	34	13,838
White	16,327	1,492	60	17,879
Black	193	31	43	267
Asian	649	14	0	663
Hispanic	8,680	115	12	8,807
Other	475	14	0	489
16-19	13,185	784	83	14,052
20-21	5,133	712	20	5,865
22-24	8,006	170	12	8,188
Foreign-Born	6,576	123	0	6,699
Native Born	19,748	1,543	115	21,406

Table 2:
The Resident Population of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts by
Gender, Race-Ethnicity, Age Nativity Status and Group and Living Quarters, 2006-2007
Averages

Group	Civilian Household Population	Non- Institutionalized Group Quarter Population	Institutionalized Group Quarter Population	Total Resident Population
All 16-24	32,893	964	37	33,894
Male	15,512	322	37	15,871
Female	17,381	642	0	18,023
White	20,553	873	37	21,463
Black	884	0	0	884
Asian	700	0	0	700
Hispanic	10,091	92	0	10,183
Other	666	0	0	666
16-19	16,034	392	0	16,426
20-21	7,776	433	0	8,209
22-24	9,083	140	37	9,260
Foreign-Born	6,108	92	0	6,200
Native Born	26,785	873	37	27,695

Table 3:
Distribution of the 16-24 Year Old Population in the Lower Merrimack WIA of Massachusetts
by Educational Attainment Level, 2006-2007 Averages

Group/Educational Attainment	Number	%
		Distribution
Total 16-19 Year Olds	16,426	100.0
HS Students	9,678	58.9
HS Dropouts	1,085	6.6
College Students	4,101	25.0
No-Enrolled HS Graduates	1,562	9.5
Total 20-24 Year Olds	17,469	100.0
HS Students	213	1.2
HS Dropouts	1,553	8.9
Non-Enrolled HS Graduates	4,574	26.2
College Students	7,362	42.1
Some College or Higher (Non-Enrolled)	1,387	7.9
Associate's or Higher Degree (Non-Enrolled)	2,380	13.6

Table 4:
Civilian Labor Force Status of the 16-24 Year Old Population in the Lower Merrimack WIA of
Massachusetts,
2005-2006-2007 Averages

Group	Civilian Labor Force	Number of Employed	Number of Unemployed	Total Population
All 16-24	19,845	17,211	2,635	32,991
Male	9,800	8,232	1,568	15,761
Female	10,046	8,979	1,067	17,230
White	12,402	10,983	1,419	19,905
Black	550	431	119	1,054
Asian	267	267	0	1,045
Hispanic	6,123	5,139	983	10,380
Other	503	390	113	607
16-19	6,500	5,141	1,359	15,547
20-21	5,078	4,317	761	7,099
22-24	8,267	7,752	514	10,345
Foreign-Born	4,591	3,957	633	7,071
Native Born	15,255	13,253	2,001	25,921
HS Students	3,264	2,434	830	9,824
HS Dropouts	1,224	958	266	2,608
HS Graduates ⁽¹⁾	7,036	6,207	829	9,459
Some College ⁽¹⁾	5,601	5,078	523	8,069
Bachelors Degree ⁽¹⁾	2,720	2,534	186	3,032

Note: ⁽¹⁾ Totals include students enrolled in college.

Table 5:
Civilian Labor Force Activity Rates of the 16-24 Year Old Population in the Lower Merrimack
WIA of Massachusetts,
2005-2006-2007 Averages (In %)

Group	Labor Force Participation Rate	Employment- Population Ratio	Unemploy- ment Rate	Total Population
All 16-24	60.2%	52.2%	13.3%	32,991
Male	62.2%	52.2%	16.0%	15,761
Female	58.3%	52.1%	10.6%	17,230
White	62.3%	55.2%	11.4%	19,905
Black	52.2%	40.9%	21.7%	1,054
Asian	25.6%	25.6%	0.0%	1,045
Hispanic	59.0%	49.5%	16.1%	10,380
Other	82.9%	64.2%	22.5%	607
16-19	41.8%	33.1%	20.9%	15,547
20-21	71.5%	60.8%	15.0%	7,099
22-24	79.9%	74.9%	6.2%	10,345
Foreign-Born	64.9%	56.0%	13.8%	7,071
Native Born	58.9%	51.1%	13.1%	25,921
HS Students	33.2%	24.8%	25.4%	9,824
HS Dropouts	46.9%	36.7%	21.8%	2,608
HS Graduates ⁽¹⁾	74.4%	65.6%	11.8%	9,459
Some College ⁽¹⁾	69.4%	62.9%	9.3%	8,069
Bachelors Degree ⁽¹⁾	89.7%	83.6%	6.9%	3,032

Note: ⁽¹⁾ Totals include students enrolled in college.

Table 6:
Employment-Population Ratios of the 16-24 Year Old Population in the Lower Merrimack WIA
of Massachusetts by Household Income Level, 2006-2007 Averages (In %)

Household Income Level	16-19	20-24	Total
< \$20,000	--	34.4	20.7
\$20,000-\$39,999	--	79.1	56.1
\$40,000-\$59,999	40.5	76.6	62.4
\$60,000-\$79,999	35.1	76.9	58.8
\$80,000-\$99,999	44.0	84.9	63.7
\$100,000-\$149,999	39.4	64.7	52.8
\$150,000+	39.8	73.7	53.6

Note: -- Weighted cases in cell is less than 800.

Table 7:
Number and Percent of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts Who
Did Not Work in the 12 Months Preceding the ACS Survey, 2005-2006-2007 Averages

Group	Total Population	Number Who Did Not Work	% Who Did Not Work
All 16-24	32,991	9,147	27.7%
Male	15,761	4,476	28.4%
Female	17,230	4,670	27.1%
White	19,905	4,203	21.1%
Black	1,054	476	45.2%
Asian	1,045	607	58.1%
Hispanic	10,380	3,779	36.4%
Other	607	82	13.5%
16-19	15,547	6,974	44.9%
20-21	7,099	1,298	18.3%
22-24	10,345	875	8.5%
Foreign-Born	7,071	2,300	32.5%
Native Born	25,921	6,846	26.4%
HS Students	9,824	5,208	53.0%
HS Dropouts	2,608	967	37.1%
HS Graduates ⁽¹⁾	9,459	1,592	16.8%
Some College ⁽¹⁾	8,069	1,203	14.9%
Bachelors Degree ⁽¹⁾	3,032	177	5.8%

Note: ⁽¹⁾ Totals include students enrolled in college.

Table 8:
Mean Weekly Hours of Work, Mean Weeks of Work, and Mean Annual Earnings of Employed
16-24 Year Olds in the Lower Merrimack WIA of Massachusetts, 2005-2006-2007 Averages
(Earnings in 2007 Inflation Adjusted Dollars)

Group	Means Weekly Hours	Mean Weeks	Annual Earnings (Excl. 0 Earners)	Annual Earnings (Incl. 0 Earners)
All 16-24	29	33	12,328	8,910
Male	31	33	13,907	9,957
Female	28	33	10,910	7,952
White	27	32	11,247	8,872
Black	25	33	9,652	5,293
Asian	29	26	9,606	4,029
Hispanic	34	35	15,142	9,629
Other	36	44	14,501	12,543
16-19	22	25	4,827	2,662
20-21	29	34	10,781	8,810
22-24	36	40	20,066	18,369
Foreign-Born	37	36	16,609	11,205
Native Born	27	32	11,257	8,284
HS Students	19	22	2,861	1,344
HS Dropouts	35	35	12,774	8,038
HS Graduates ⁽¹⁾	32	35	13,678	11,376
Some College ⁽¹⁾	30	36	12,950	11,020
Bachelors Degree ⁽¹⁾	34	37	22,161	20,870

Note: ⁽¹⁾ Totals include students enrolled in college.

Table 9:
Percent Distribution of Employed 16-24 Year Olds by Major Industry of Their Employers in the
Lower Merrimack WIA of Massachusetts by Age Group and School Enrollment Status,
2005-2006-2007 Averages

Industry	All 16-19	16-19 HS Students	All 20-24	Non-Enrolled 20-24
Total Employed	5,142	2,335	12,069	7,392
Agri, Forestry, Fishing, Hunting, and Mining	0.0	0.0	0.7	0.6
Construction	1.1	1.2	6.0	7.6
Manufacturing	6.9	9.4	8.7	11.0
Wholesale Trade	1.1	1.2	2.6	3.5
Retail Trade	39.7	49.7	17.3	15.3
Transportation, Warehousing	4.9	6.2	4.8	4.0
Finance, Insurance, Real Estate and Leasing	0.6	0.0	6.9	9.5
Prof., Scientific, Mgmt., Adm. and Waste Mgmt.	3.5	0.9	6.9	6.5
Education, Healthcare, and Social Service	11.6	6.6	19.0	16.3
Arts, Entertainment, Accom. and Food Services	24.9	21.5	18.1	16.6
Other Service, Excl. Public Adm.	5.2	2.4	6.5	7.4
Public Administration	0.4	1.0	2.5	1.7
Total	100.0	100.0	100.0	100.0

Table 10:
Percent Distribution of Employed 16-24 Year Olds by Major Occupational Group in the Lower
Merrimack WIA of Massachusetts by Age Group and School Enrollment Status,
2005-2006-2007 Averages

Occupation	All 16-19	16-19 HS Students	All 20-24	Non-Enrolled 20-24
Total Employed	5,142	2,335	12,069	7,392
Management, Business, Financial, Technical and Other Professional	8.1	7.7	25.0	23.4
Health Care Support and Protective	1.5	0.0	2.6	3.9
Food Prep., Building, Ground Cleaning, Maintenance	26.7	23.4	22.0	19.0
Personal Care and Service	3.3	0.9	4.9	3.7
Sales	23.4	30.8	17.1	19.1
Office Admin. and Support	19.5	13.1	8.8	6.3
Farming, Fishing, and Forestry	0.0	0.0	1.1	1.3
Construction, Extraction, Installation, Maintenance, Repair	2.7	2.2	7.4	9.8
Production, Transportation, and Material Moving	14.8	22.0	11.3	13.6
Military	0.0	0.0	0.0	0.0

Table 11:
Number and Percent of Employed Persons Under 25 in the Lower Merrimack WIA of
Massachusetts with B.A. or Higher Degree Who Were Working in College Labor Market
Occupations and Their Mean Annual Earnings, 2005-2006-2007 Averages

Total Employed	1,764
Number of Employed in College Labor Market Occupations	1,251
% Employed in College Labor Market Occupations	71%
Mean Annual Earnings of Employed in College Labor Market Occupations (A)	\$32,789
Mean Annual Earnings of Employed in Non-College Labor Market Occupations (B)	\$16,231
Absolute Difference (A-B)	\$16,558
% Difference (A-B/B)	102%

Note: Persons enrolled in educational institutions are excluded.

Table 12:
Number and Percent of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts Who
Were High School Dropouts, 2005-2006-2007 Averages

Group	Population	Number of High School Dropouts	% High School Dropouts
All 16-24	32,991	2,608	7.9%
Male	15,761	1,007	6.4%
Female	17,230	1,601	9.3%
White	19,905	659	3.3%
Black	1,054	0	0.0%
Asian	1,045	0	0.0%
Hispanic	10,380	1,881	18.1%
Other	607	68	11.2%
16-19	15,547	920	5.9%
20-21	7,099	479	6.8%
22-24	10,345	1,209	11.7%
Foreign-Born	7,071	1,131	16.0%
Native Born	25,921	1,477	5.7%

Table 13:
Selected Labor Market Outcomes for 16-24 Year Old High School Dropouts in the Lower
Merrimack WIA of Massachusetts, 2005-2006-2007 Averages

Group	16-19	20-21	22-24	Total (16-24)
Population of HS Dropouts	920	479	1,209	2,608
Number of Employed Dropouts	155	320	483	958
% of Employed	16.9%	66.7%	40.0%	36.7%
Number of Economically Disadvantaged Dropouts	548	245	691	1,485
% Who Were Economically Disadvantaged	59.6%	51.2%	57.2%	56.9%
Number of Low Income Dropouts	652	296	672	1,620
% Who Were Low Income	70.9%	61.8%	55.6%	62.1%

Table 14:
Number and Percent of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts Who
Were Out of School and Out-of-Work, 2005-2006-2007 Averages

Group	Population	Number of Out- of-School and Out-of-Work	% Out-of- School and Out- of-Work
All 16-24	32,991	3,712	11.3%
Male	15,761	1,597	10.1%
Female	17,230	2,115	12.3%
White	19,905	1,478	7.4%
Black	1,054	119	11.3%
Asian	1,045	62	6.0%
Hispanic	10,380	1,939	18.7%
Other	607	113	18.7%
16-19	15,547	1,220	7.8%
20-24	17,444	2,491	14.3%
Foreign-Born	7,071	1,087	15.4%
Native Born	25,921	2,625	10.1%

Table 15:
Number and Percent of 16-24 Year Old Women Who Were Mothers/Single Mothers in the
Lower Merrimack WIA of Massachusetts, 2005-2006-2007 Averages

Age Group	Population of Women	Number of Mothers	% of Mothers	Number of Single mothers	Single Mothers as % of All Mothers
All 16-24	17,230	2,295	13.3%	1,890	82.4%
16-19	7,815	162	2.1%	55	34.1%
20-21	3,654	386	10.6%	330	85.6%
22-24	5,761	1,747	30.3%	1,504	86.1%

Table 16:
Number and Percent of 16-24 Year Old Mothers in the Lower Merrimack WIA of Massachusetts
Who Were Economically Disadvantaged or Low Income, 2005-2006-2007 Averages

Group	16-19	20-21	22-24	Total (16-24)
Population of Mothers	162	386	1,747	2,295
Number of Economically Disadvantaged Mothers	145	246	982	1,373
% Who Were Economically Disadvantaged	89.5%	63.9%	56.2%	59.8%
Number of Low Income Mothers	129	291	1,041	1,461
% Who Were Low Income	79.3%	75.5%	59.6%	63.7%

Table 17:
Number and Percent of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts Who
Were Disabled, 2005-2006-2007 Averages

Group	Population	Number of Disabled	% Who Were Disabled
All 16-24	32,991	2,291	6.9%
Male	15,761	1,349	8.6%
Female	17,230	942	5.5%
White	19,905	1,397	7.0%
Black	1,054	119	11.3%
Asian	1,045	190	18.1%
Hispanic	10,380	521	5.0%
Other	607	64	10.5%
16-19	15,547	1,047	6.7%
20-24	17,444	1,244	7.1%
Foreign-Born	7,071	459	6.5%
Native Born	25,921	1,832	7.1%
HS Students	9,824	546	5.6%
HS Dropouts	2,608	186	7.1%
HS Graduates ⁽¹⁾	9,459	633	6.7%
Some College ⁽¹⁾	8,069	824	10.2%
Bachelors or Higher Degree ⁽¹⁾	3,032	102	3.4%

Note: ⁽¹⁾ Totals include students enrolled in college.

Table 18:
Civilian Labor Force Activity Rates of the 16-24 Year Old Disabled Population in the Lower
Merrimack WIA of Massachusetts, 2005-2006-2007 Averages

Group	Total Population	Labor Force Participation Rate	Employment/ Population Ratio	Unemplo -ment Rate
All 16-24	2,291	57.4%	43.6%	24.0%
Male	1,349	65.6%	44.0%	32.9%
Female	942	45.7%	43.1%	5.7%
White	1,397	56.1%	45.2%	19.4%
Black	119	--	--	--
Asian	190	67.1%	67.1%	--
Hispanic	521	48.8%	40.2%	17.8%
Other	64	48.7%	48.7%	--
16-19	1,047	43.2%	28.7%	33.5%
20-24	1,244	69.4%	56.1%	19.1%
Foreign-Born	459	64.3%	64.3%	--
Native Born	1,832	55.7%	38.4%	31.0%
HS Students	546	31.7%	28.6%	9.8%
HS Dropouts	186	29.3%	29.3%	--
HS Graduates ⁽¹⁾	633	58.1%	33.5%	42.3%
Some College ⁽¹⁾	824	75.0%	57.5%	23.3%
Bachelors or Higher Degree ⁽¹⁾	102	--	--	--

Note: ⁽¹⁾ Totals include students enrolled in college.

Table 19
Number and Percent of 16-24 Year Olds in the Lower Merrimack WIA of Massachusetts Who
Were Institutionalized at the Time of the ACS Surveys, 2006-2007

Variable	Group	Male	Female	Total
% Who Were Institutionalized	All 16-24	0.2%	0.0%	0.1%
	16-19	0.0%	0.0%	0.0%
	20-24	0.5%	0.0%	0.2%
	HS Students	0.0%	0.0%	0.0%
	HS Dropouts	2.9%	0.0%	1.4%
	HS Graduates	0.0%	0.0%	0.0%
	Some College	0.0%	0.0%	0.0%
	Bachelors Degree	0.0%	0.0%	0.0%
Number of Institutionalized	All 16-24	37	0	37
	16-19	0	0	0
	20-24	37	0	37
	HS Students	0	0	0
	HS Dropouts	37	0	37
	HS Graduates	0	0	0
	Some College	0	0	0
	Bachelors Degree	0	0	0
Population	All 16-24	15,871	18,023	33,893
	16-19	7,916	8,510	16,426
	20-24	7,955	9,513	17,468
	HS Students	4,801	5,090	9,891
	HS Dropouts	1,252	1,386	2,638
	HS Graduates	5,280	4,585	9,865
	Some College	2,877	5,402	8,279
	Bachelors Degree	1,662	1,560	3,222

Table 20:
4-Year High School Graduation Rates for School Districts in the Merrimack Valley Workforce
Investment Area, Class of 2006

	(A)	(B)	(C)
School District	Cohort	Graduates	Graduation Rate
Amesbury	215	173	80.5
Andover	471	445	94.5
Georgetown	96	91	94.8
Haverhill	537	357	66.5
Greater Lawrence RVT	322	230	71.4
Lawrence	768	315	41.0
Methuen	513	406	79.1
Newburyport	221	185	83.7
North Andover	325	285	87.7
Pentucket	241	221	91.7
Triton	279	233	83.5
Whittier Vocational	310	264	85.2
Merrimack Valley	4298	3205	74.5

Table 21:
5-Year High School Graduation Rates for School Districts in the Merrimack Valley Workforce
Investment Area, Class of 2006

	(A)	(B)	(C)
School District	Cohort	Graduates	Graduation Rate
Amesbury	215	181	84.2
Andover	471	448	95.1
Georgetown	96	92	95.8
Haverhill	537	389	72.4
Lawrence	768	363	47.3
Greater Lawrence RVT	322	236	73.3
Methuen	513	415	80.9
Newburyport	221	191	86.4
North Andover	325	291	89.5
Pentucket	241	222	92.1
Triton	279	236	84.6
Whittier Vocational	310	279	90.0
Merrimack Valley	4298	3343	77.8

Table 22:
4-Year High School Graduation Rates for School Districts in the Merrimack Valley Workforce
Investment Area, Class of 2007

	(A)	(B)	(C)
School District	Cohort	Graduates	Graduation Rate
Amesbury	168	143	85.1
Andover	457	436	95.4
Georgetown	120	112	93.3
Greater Lawrence			
RVT	376	285	75.8
Haverhill	546	379	69.4
Lawrence	809	330	40.8
Methuen	474	359	75.7
Newburyport	194	175	90.2
North Andover	330	313	94.8
Pentucket	233	213	91.4
Triton	267	223	83.5
Whittier Vocational	294	277	94.2
Merrimack Valley	4268	3244	76.0

Table 23:
Percentage Distribution of College, Work, and Military Plans of High School Graduates in the
Merrimack Valley Workforce Investment Area By School District, Class of 2007

DISTRICT	4-Year	2-Year	Other Post Secondary	Work	Military	Other	Unknown	Total Count
Amesbury	59.3	32.7	0.0	8.0	0.0	0.0	0.0	150
Andover	86.9	6.2	1.8	0.7	0.7	1.8	1.8	436
Georgetown	64.9	27.2	0.0	4.4	0.9	0.0	2.6	114
Greater Lawrence								
RVT	11.7	41.3	9.3	23.4	1.0	2.4	10.7	290
Haverhill	45.5	32.8	5.2	7.9	2.7	1.7	4.2	405
Lawrence	23.8	27.2	0.3	10.2	1.3	29.2	8.1	394
Methuen	44.8	22.8	1.9	13.0	1.4	0.0	16.0	368
Newburyport	73.6	20.2	0.0	2.2	0.0	0.0	3.9	178
North Andover	74.7	14.4	1.9	5.1	1.0	0.6	2.2	313
Pentucket	65.3	20.1	0.5	3.8	0.0	0.0	10.3	213
Triton	62.5	17.8	2.2	10.7	1.8	0.0	4.9	224
Whittier Voc	17.3	32.5	4.7	31.9	1.7	10.5	1.4	295
Merrimack Valley	50.7	24.0	2.7	10.5	1.2	5.0	5.9	3380

