

Demographic, Socio-Economic, Schooling, and Labor Market
Indicators for 16-24 Year Olds in the Hampden WIB Region of
Massachusetts in 2005-2007

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Prepared for:
The Commonwealth Corporation
Boston, Massachusetts

March 2009

Table 1:
The Resident Population of 16-24 Year Olds in the Hampden WIB Region 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	52,777	6,036	585	59,398
Male	26,005	2,858	557	29,420
Female	26,772	3,178	28	29,978
White	35,102	4,839	154	40,095
Black	4,053	319	59	4,431
Asian	893	127	0	1,020
Hispanic	11,275	548	372	12,195
Other	1,454	203	0	1,657
16-19	25,300	2,499	376	28,175
20-21	11,004	2,554	0	13,558
22-24	16,473	983	209	17,665
Foreign-Born	7,720	329	0	8,049
Native Born	45,057	5,707	585	51,349

Table 2:
The Resident Population of 16-24 Year Olds in the Hampden WIB Region 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	56,955	8,039	806	65,800
Male	27,885	3,915	694	32,494
Female	29,070	4,124	112	33,306
White	36,071	6,455	235	42,761
Black	4,225	763	181	5,169
Asian	695	59	-	754
Hispanic	14,931	701	391	16,023
Other	1,034	62	-	1,096
16-19	25,304	4,975	434	30,713
20-21	14,093	2,522	200	16,815
22-24	17,559	543	172	18,274
Foreign-Born	8,618	190	109	8,917
Native Born	48,338	7,849	698	56,885

Table 3:
Distribution of the 16-24 Year Old Population in the Hampden WIB Region of Massachusetts by
Educational Attainment Level, 2006-2007 Averages

<u>Group/Educational Attainment</u>	<u>Number</u>	<u>% Distribution</u>
Total 16-19 Year Olds	30,713	100.0
HS Students	16,282	53.0
HS Dropouts	2,269	7.4
College Students	9,630	31.4
No-Enrolled HS Graduates	2,532	8.2
Total 20-24 Year Olds	35,091	100.0
HS Students	568	1.6
HS Dropouts	5,624	16.0
Non-Enrolled HS Graduates	9,072	25.9
College Students	13,237	37.7
Some College or Higher (Non-Enrolled)	2,868	8.2
Associate's or Higher Degree (Non-Enrolled)	3,722	10.6

Table 4:
Civilian Labor Force Status of the 16-24 Year Old Population in the Hampden WIB Region of
Massachusetts,
2005-2006-2007 Averages

Group	Civilian Labor Force	Number of Employed	Number of Unemployed	Total Population
All 16-24	38,354	30,881	7,473	62,569
Male	19,852	15,999	3,853	31,524
Female	18,502	14,882	3,620	31,045
White	24,851	21,429	3,422	40,171
Black	3,026	2,079	947	5,248
Asian	374	261	113	879
Hispanic	9,254	6,417	2,837	15,003
Other	848	695	153	1,268
16-19	13,776	10,015	3,760	28,640
20-21	9,727	7,888	1,839	14,880
22-24	14,851	12,978	1,873	19,049
Foreign-Born	5,720	4,345	1,375	9,046
Native Born	32,634	26,536	6,098	53,523
HS Students	6,138	4,012	2,126	16,352
HS Dropouts	5,487	3,616	1,871	7,936
HS Graduates ⁽¹⁾	12,257	10,448	1,809	16,042
Some College ⁽¹⁾	11,302	9,811	1,492	18,135
Bachelors Degree ⁽¹⁾	3,169	2,994	175	4,105

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

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

Group	Labor Force Participation Rate	Employment- Population Ratio	Unemploy- ment Rate	Total Population
All 16-24	61.3%	49.4%	19.5%	62,569
Male	63.0%	50.8%	19.4%	31,524
Female	59.6%	47.9%	19.6%	31,045
White	61.9%	53.3%	13.8%	40,171
Black	57.7%	39.6%	31.3%	5,248
Asian	42.5%	29.7%	30.2%	879
Hispanic	61.7%	42.8%	30.7%	15,003
Other	66.8%	54.8%	18.0%	1,268
16-19	48.1%	35.0%	27.3%	28,640
20-21	65.4%	53.0%	18.9%	14,880
22-24	78.0%	68.1%	12.6%	19,049
Foreign-Born	63.2%	48.0%	24.0%	9,046
Native Born	61.0%	49.6%	18.7%	53,523
HS Students	37.5%	24.5%	34.6%	16,352
HS Dropouts	69.1%	45.6%	34.1%	7,936
HS Graduates ⁽¹⁾	76.4%	65.1%	14.8%	16,042
Some College ⁽¹⁾	62.3%	54.1%	13.2%	18,135
Bachelors Degree ⁽¹⁾	77.2%	72.9%	5.5%	4,105

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

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

Household Income Level	16-19	20-24	Total
< \$20,000	18.1%	40.4%	29.3%
\$20,000-\$39,999	22.7%	68.1%	53.8%
\$40,000-\$59,999	47.3%	77.4%	64.7%
\$60,000-\$79,999	48.6%	71.4%	59.3%
\$80,000-\$99,999	46.5%	70.1%	60.1%
\$100,000-\$149,999	45.0%	70.3%	57.3%
\$150,000+	38.9%	61.4%	51.3%

Table 7:
Number and Percent of 16-24 Year Olds in the Hampden WIB Region 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	62,569	16,482	26.3%
Male	31,524	8,226	26.1%
Female	31,045	8,256	26.6%
White	40,171	7,999	19.9%
Black	5,248	1,832	34.9%
Asian	879	460	52.3%
Hispanic	15,003	5,734	38.2%
Other	1,268	457	36.1%
16-19	28,640	11,689	40.8%
20-21	14,880	2,243	15.1%
22-24	19,049	2,550	13.4%
Foreign-Born	9,046	2,715	30.0%
Native Born	53,523	13,767	25.7%
HS Students	16,352	9,412	57.6%
HS Dropouts	7,936	2,353	29.7%
HS Graduates ⁽¹⁾	16,042	2,344	14.6%
Some College ⁽¹⁾	18,135	2,102	11.6%
Bachelors Degree ⁽¹⁾	4,105	271	6.6%

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 Hampden WIB Region 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	30	33	11,305	8,327
Male	32	32	12,294	9,086
Female	27	33	10,295	7,557
White	29	33	11,163	8,940
Black	29	30	11,140	7,251
Asian	37	28	12,839	6,127
Hispanic	33	33	11,811	7,297
Other	30	30	11,064	7,074
16-19	23	25	5,491	3,250
20-21	32	33	10,455	8,880
22-24	35	40	17,929	15,529
Foreign-Born	33	33	13,863	9,701
Native Born	29	32	10,898	8,095
HS Students	19	20	3,128	1,328
HS Dropouts	34	34	12,655	8,903
HS Graduates ⁽¹⁾	32	36	13,441	11,478
Some College ⁽¹⁾	29	34	10,245	9,058
Bachelors Degree ⁽¹⁾	37	38	20,939	19,555

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
Hampden WIB Region 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	10,016	3,878	20,866	14,200
Agri, Forestry, Fishing, Hunting, and Mining	1.3	0.6	1.6	2.4
Construction	4.0	0.5	5.1	6.1
Manufacturing	4.8	2.7	9.6	11.8
Wholesale Trade	3.9	3.3	3.4	4.0
Retail Trade	27.9	28.2	19.3	17.2
Transportation, Warehousing	2.3	2.4	5.7	5.1
Finance, Insurance, Real Estate and Leasing	1.2	1.9	5.1	5.3
Prof., Scientific, Mgmt., Adm. and Waste Mgmt.	1.8	2.1	6.4	7.6
Education, Healthcare, and Social Service	12.4	7.6	18.1	15.0
Arts, Entertainment, Accom. and Food Services	37.4	47.2	17.4	15.5
Other Service, Excl. Public Adm.	2.6	3.6	6.2	8.2
Public Administration	0.5	-	1.9	1.8
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
Hampden WIB Region 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	10,016	3,877	20,865	14,200
Management, Business, Financial, Technical and Other				
Professional	5.3	3.2	16.4	16.2
Health Care Support and Protective	2.5	1.5	4.7	3.9
Food Prep., Building, Ground Cleaning, Maintenance	28.4	34.3	20.0	18.9
Personal Care and Service	5.9	10.2	5.4	6.1
Sales	26.3	28.7	16.0	15.7
Office Admin. and Support	12.9	8.1	12.7	10.4
Farming, Fishing, and Forestry	1.6	0.6	2.0	2.9
Construction, Extraction, Installation, Maintenance, Repair	4.6	0.5	7.5	9.7
Production, Transportation, and Material Moving	12.5	12.8	15.3	16.1
Military	0.0	0.0	0.1	0.1

Table 11:
Number and Percent of Employed Persons Under 25 in the Hampden WIB Region 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	2,105
Number of Employed in College Labor Market Occupations	1,209
% Employed in College Labor Market Occupations	57%
Mean Annual Earnings of Employed in College Labor Market Occupations (A)	31,508
Mean Annual Earnings of Employed in Non-College Labor Market Occupations (B)	18,911
Absolute Difference (A-B)	\$12,598
% Difference (A-B/B)	67%

Note: Persons enrolled in educational institutions are excluded.

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

Group	Population	Number of High School Dropouts	% High School Dropouts
All 16-24	62,569	7,936	12.7
Male	31,524	4,879	15.5
Female	31,045	3,056	9.8
White	40,171	2,427	6.0
Black	5,248	804	15.3
Asian	879	0	0.0
Hispanic	15,003	4,438	29.6
Other	1,268	267	21.1
16-19	28,640	2,447	8.5
20-21	14,880	2,491	16.7
22-24	19,049	2,997	15.7
Foreign-Born	9,046	2,336	25.8
Native Born	53,523	5,599	10.5

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

Group	16-19	20-21	22-24	Total (16-24)
Population of HS Dropouts	2,447	2,491	2,997	7,936
Number of Employed Dropouts	1,007	1,116	1,493	3,616
% of Employed	41.2%	44.8%	49.8%	45.6%
Number of Economically Disadvantaged Dropouts	1,247	912	1,937	4,096
% Who Were Economically Disadvantaged	51.0%	36.6%	64.6%	51.6%
Number of Low Income Dropouts	1,401	1,792	1,743	4,936
% Who Were Low Income	57.3%	71.9%	58.2%	62.2%

Table 14:
Number and Percent of 16-24 Year Olds in the Hampden WIB Region 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	62,569	9,233	14.8%
Male	31,524	4,499	14.3%
Female	31,045	4,734	15.3%
White	40,171	3,503	8.7%
Black	5,248	1,231	23.5%
Asian	879	217	24.7%
Hispanic	15,003	4,059	27.1%
Other	1,268	223	17.6%
16-19	28,640	2,265	7.9%
20-24	33,929	6,968	20.5%
Foreign-Born	9,046	2,247	24.8%
Native Born	53,523	6,986	13.1%

Table 15:
Number and Percent of 16-24 Year Old Women Who Were Mothers/Single Mothers in the
Hampden WIB Region 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	31,045	4,511	14.5%	3,176	70.4%
16-19	13,876	724	5.2%	456	63.0%
20-21	6,659	1,099	16.5%	871	79.2%
22-24	10,510	2,688	25.6%	1,849	68.8%

Table 16:
Number and Percent of 16-24 Year Old Mothers in the Hampden WIB Region 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	724	1099	2688	4511
Number of Economically Disadvantaged Mothers	503	905	1951	3358
% Who Were Economically Disadvantaged	69.5%	82.3%	72.6%	74.4%
Number of Low Income Mothers	491	843	2049	3384
% Who Were Low Income	67.9%	76.7%	76.2%	75.0%

Table 17:
Number and Percent of 16-24 Year Olds in the Hampden WIB Region of Massachusetts Who
Were Disabled, 2005-2006-2007 Averages

Group	Population	Number of Disabled	% Who Were Disabled
All 16-24	62,569	5,783	9.2%
Male	31,524	2,937	9.3%
Female	31,045	2,846	9.2%
White	40,171	3,440	8.6%
Black	5,248	492	9.4%
Asian	879	54	6.1%
Hispanic	15,003	1,539	10.3%
Other	1,268	258	20.3%
16-19	28,640	2,759	9.6%
20-24	33,929	3,024	8.9%
Foreign-Born	9,046	779	8.6%
Native Born	53,523	5,004	9.3%
HS Students	16,352	1,935	11.8%
HS Dropouts	7,936	1,132	14.3%
HS Graduates ⁽¹⁾	16,042	1,594	9.9%
Some College ⁽¹⁾	18,135	1,029	5.7%
Bachelors or Higher Degree ⁽¹⁾	4,105	94	2.3%

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 Hampden
WIB Region of Massachusetts, 2005-2006-2007 Averages

Group	Total Population	Labor Force Participation Rate	Employment/ Population Ratio	Unemplo- -ment Rate
All 16-24	5,783	42.9%	30.8%	28.3%
Male	2,937	47.0%	31.4%	33.1%
Female	2,846	38.7%	30.1%	22.3%
White	3,440	41.6%	34.3%	17.4%
Black	492	50.8%	22.9%	54.9%
Asian	54	0.0%	0.0%	-
Hispanic	1,539	39.9%	21.1%	47.2%
Other	258	72.7%	62.6%	13.9%
16-19	2,759	31.8%	18.0%	43.5%
20-24	3,024	53.0%	42.4%	20.0%
Foreign-Born	779	49.8%	27.5%	44.7%
Native Born	5,004	41.8%	31.3%	25.3%
HS Students	1,935	20.4%	12.7%	37.7%
HS Dropouts	1,132	62.9%	37.2%	40.9%
HS Graduates ⁽¹⁾	1,594	39.4%	33.5%	15.0%
Some College ⁽¹⁾	1,029	63.4%	49.3%	22.4%
Bachelors or Higher Degree ⁽¹⁾	94	100.0%	76.9%	23.1%

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

Table 19
Number and Percent of 16-24 Year Olds in the Hampden WIB Region 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	2.1%	0.3%	1.2%
	16-19	2.5%	0.4%	1.4%
	20-24	1.8%	0.3%	1.1%
	HS Students	1.8%	0.3%	1.0%
	HS Dropouts	7.1%	2.2%	5.5%
	HS Graduates	1.3%	0.0%	0.6%
	Some College	0.7%	0.3%	0.4%
	Bachelors Degree	0.0%	0.0%	0.0%
Number of Institutionalized	All 16-24	694	112	806
	16-19	378	56	434
	20-24	316	56	372
	HS Students	145	27	171
	HS Dropouts	381	57	438
	HS Graduates	108	-	108
	Some College	61	29	89
	Bachelors Degree	-	-	-
Population	All 16-24	32,494	33,306	65,800
	16-19	15,268	15,445	30,712
	20-24	17,227	17,862	35,088
	HS Students	7,936	8,913	16,849
	HS Dropouts	5,357	2,536	7,892
	HS Graduates	8,454	8,355	16,809
	Some College	9,266	10,602	19,868
	Bachelors Degree	1,482	2,901	4,383

Table 20:
4-Year High School Graduation Rates for School Districts in the Hampden WIB Region,
Class of 2006

School District	Cohort	Graduates	Graduation Rate
Agawam	283	224	79.2
Chicopee	626	391	62.5
East Longmeadow	205	187	91.2
Hampden-Wilbraham	346	315	91.0
Holyoke	520	257	49.4
Longmeadow	273	264	96.7
Monson	117	92	78.6
Palmer	104	95	91.3
Pathfinder Voc Tech	157	124	79.0
Sabis International Charter	55	52	94.5
Southwick-Tolland	157	137	87.3
Springfield	1812	928	51.2
West Springfield	311	234	75.2
Westfield	584	464	79.5
Hampden Aggregate	5550	3764	67.8

Table 21:
5-Year High School Graduation Rates for School Districts in the Hampden WIB Region,
Class of 2006

School District	Cohort	Graduates	Graduation Rate
Agawam	283	235	83.0
Chicopee	626	425	67.9
East Longmeadow	205	193	94.1
Hampden-Wilbraham	346	321	92.8
Holyoke	520	274	52.7
Longmeadow	273	265	97.1
Monson	117	96	82.1
New Leadership HMCS	17	13	76.5
Palmer	104	99	95.2
Pathfinder Voc Tech	157	128	81.5
Sabis International Charter	55	54	98.2
Southwick-Tolland	157	141	89.8
Springfield	1812	986	54.4
West Springfield	311	242	77.8
Westfield	584	471	80.7
Hampden Aggregate	5550	3930	70.8

Table 22:
4-Year High School Graduation Rates for School Districts in the Hampden WIB Region,
Class of 2007

School District	Cohort	Graduates	Graduation Rate
Agawam	326	269	82.5
Chicopee	614	443	72.1
East Longmeadow	236	221	93.6
Hampden-Wilbraham	346	321	92.8
Holyoke	574	307	53.5
Longmeadow	252	241	95.6
Monson	106	93	87.7
Palmer	122	106	86.9
Pathfinder Voc Tech	143	107	74.8
Sabis International Charter (District)	66	58	87.9
Southwick-Tolland	167	137	82.0
Springfield	1715	923	53.8
West Springfield	364	272	74.7
Westfield	553	439	79.4
Hampden Aggregate	5584	3936	70.5

Table 23:
Percentage Distribution of College, Work, and Military Plans of High School Graduates in the Hampden WIB Region by District,
Class of 2007

School District	Total College	4 Year College	2 Year College	Other Post Secondary	Work	Military	Other	Unknown	Total Count
Agawam	84.1	47.5	36.6	1.5	6.8	1.9	1.9	3.8	265
Chicopee	76.8	29.3	47.5	1.7	16.6	2.7	0.8	1.3	475
East Longmeadow	90.2	63.2	27.0	1.8	6.6	0.4	0.9	0.0	226
Hampden-Wilbraham	85.9	68.6	17.3	4.3	3.7	2.5	0.0	3.7	324
Holyoke	79.3	22.2	57.1	2.2	4.0	4.9	0.0	9.6	324
Longmeadow	96.7	86.7	10.0	1.3	0.8	0.4	0.8	0.0	240
Monson	91.6	38.5	53.1	1.0	5.2	1.0	1.0	0.0	96
Palmer	81.3	40.2	41.1	3.7	7.5	3.7	0.0	3.7	107
Pathfinder Voc Tech	50.9	10.0	40.9	4.5	39.1	5.5	0.0	0.0	110
Sabis International Charter (District)	98.4	73.4	25.0	1.7	0.0	0.0	0.0	0.0	60
Southwick-Tolland	74.5	47.5	27.0	4.3	4.3	5.0	2.1	9.9	141
Springfield	58.6	19.9	38.7	2.2	7.4	1.7	0.5	29.8	1005
West Springfield	83.2	36.5	46.7	2.6	5.5	3.3	0.7	4.7	274
Westfield	78.0	42.6	35.4	3.1	13.6	2.9	0.4	2.0	449
Hampden Aggregate	76.3	39.5	36.8	2.4	8.5	2.4	0.6	9.7	4,096

