

DISCERNING THE FUTURE

for the Pioneer Valley Region, 2000-2030

Population Projections



Household Projections



Employment Projections



Prepared by
Pioneer Valley Planning Commission
Regional Information Center

June 2003

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Population, Household, and Employment Projections for the Pioneer Valley Region 2000 - 2030

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This document is made possible by funding from the Federal Highway Administration,
the Federal Transit Administration,
the Massachusetts Executive Office of Transportation and Construction,
and the Massachusetts Highway Department.

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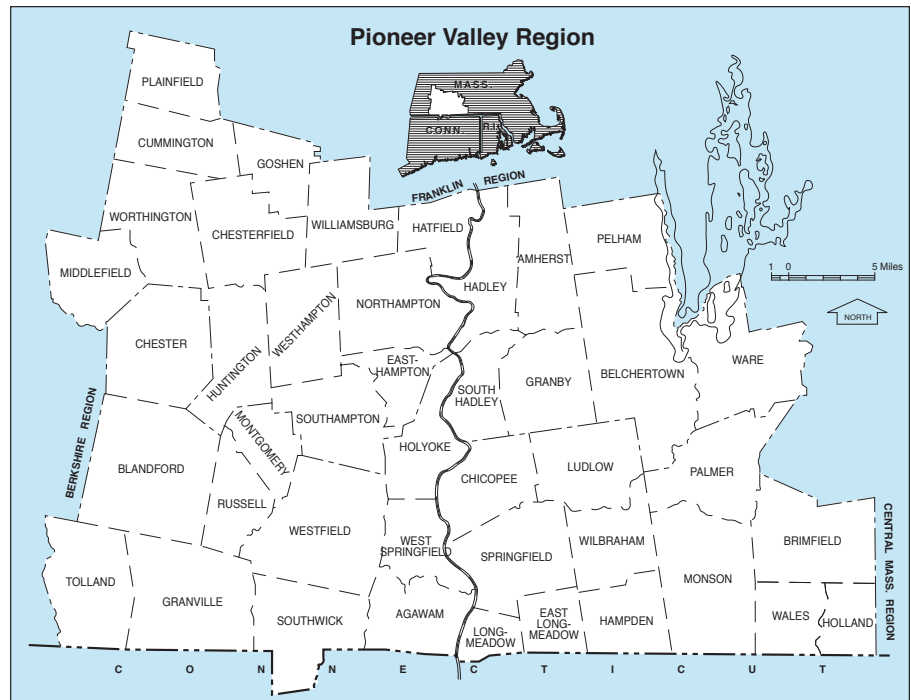
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A Snapshot Of The Pioneer Valley Region

Located in the midwestern section of Massachusetts and covering 1,179 square miles, the Pioneer Valley region encompasses the fourth largest metropolitan area in New England. The region is bisected by the Connecticut River and is bounded to the north by Franklin County, to the south by the state of Connecticut, to the east by Quabbin Reservoir and Worcester County, and to the west by Berkshire County. The Pioneer Valley region, which constitutes the 43 cities and towns within the Hampshire and Hampden county areas, is home to about 608,479 people and the urbanized areas of Springfield, Chicopee, and Holyoke.

The third largest city in Massachusetts, Springfield is the region's cultural and economic center. Springfield is home to several of the region's largest employers, including Massachusetts Mutual Life Insurance Company, Baystate Medical Center, Mercy Hospital Incorporated, and Solutia. Major cultural institutions include the Springfield Symphony, City Stage, Springfield Civic Center, Quadrangle Museums, the Basketball Hall of Fame, and the new Dr. Seuss National Memorial Sculpture Garden.

The cities of Chicopee and Holyoke were the first planned industrial communities in the nation. Merchants built an elaborate complex of mills, workers' housing, dams, and canal systems that evolved into cities. While many of the historic mills and industries are now gone, a number of 19th and 20th century structures are maintained and improved through municipal preservation and revitalization initiatives.



Unique within the Commonwealth of Massachusetts, the Pioneer Valley region contains a diverse economic base, internationally known educational institutions, and limitless scenic beauty. Dominant physical characteristics include the broad fertile agricultural valley formed by the Connecticut River, the Holyoke Mountain range that traverses the region from Southwick to Pelham, and the foothills of the Berkshire Mountains. Prime agricultural land, significant wetlands, and scenic rivers are some of the region's premier natural resources. Choices in life-style range from contemporary downtown living to stately historic homes, characteristic suburban neighborhoods, and rural living in very small communities—a variety that contributes to the diversity and appeal of the region. Its unique combination of natural beauty, cultural amenities, and historical character make the Pioneer Valley region an exceptional environment in which to live and work.

Introduction

At the dawn of a new century and millennium, planning for the place we call home has never been more important and more urgent. Our ability to plan is, as it has been, wedded to our ability to discern the future. Anticipating and responding to challenges such as sprawl, air pollution, traffic congestion, and job growth requires that we attempt to predict the scope of these challenges.

At the end of 2002, the Pioneer Valley Planning Commission decided to begin developing a series of projections given that the Commission had not produced population projections since 1991 nor employment projections since 1994. With the revisions of the Regional Transportation Plan and the Plan for Progress slated for 2003-04, having projections of population size, household size, and total employment became crucial. Furthermore, the release of Census 2000 data provided an almost current baseline for the development of new projections.

These projections are fairly simple in their method, which has advantages and drawbacks. Simplicity is beneficial when divining the future, because you avoid making too many assumptions which end up being wrong. On the other hand, these projections make no attempt to predict major socio-economic shifts in the next 30 years. We have assumed, for the most part, the status quo. Nonetheless, having compared our projections with those produced by other sources (see Methods section), we find that our projections are very consistent and are, in fact, less than one percent different from those of most other sources.

Population projections were developed based on a cohort-birth-survival-migration method for each county, with the population then distributed to municipalities. These are fairly common techniques.¹ Our population projections were peer reviewed by Economic Policy Resources, Inc. of Vermont, which provided helpful feedback that allowed us to slightly modify our method.² The household and employment projections are built upon the population projections.

Ultimately, the Massachusetts Highway Department elected to develop their own statewide and regional projections for use in state and regional transportation models. Although these projections differ from those utilized in our transportation model, we believe it is necessary to publish our projections, which are more closely grounded in local data and assumptions.

It is our hope and intention that these projections will be useful not only for our own planning, but for that of governments and organizations across the Pioneer Valley region as together we plan for the growth, health, and well-being of the place we call home.

Summary of Findings

The population, household, and employment projections in this report should provoke cautious optimism. First and foremost, the population of the Pioneer Valley region, and consequently the number of households, is projected to grow over the next 30 years. A population of 608,479 in 2000 is projected to become a population of more than 650,000 by 2030. As households shrink in average size there will be a dramatic increase in the number of households in the region, from about 230,000 in 2000 to more than 275,000 in 2030. Projected growth is good news and reason for optimism about the future.

On the other hand, changes in the demographics of that same population will yield employment growth until 2015 and then employment declines for the remaining 15 years of these projections. By 2015, the vast majority of baby boomers will be retired, leaving a gap in the region's labor force that will be filled only by international or domestic in-migration. The projected continuation of the recent declines in the region's population aged 30 to 50 will further shrink our labor force and threaten businesses planning to expand.

The region's shift from a goods-producing to a service-producing economy will continue as we shed about half our remaining manufacturing jobs by 2030 (accounting for nearly all the job losses projected between 2015 and 2030). Absorbing these losses, the service sector will add 16,000 jobs over the next 30 years. By 2030, service-producing industries (services, retail trade, finance, insurance, and real estate) will

Figure 1
Projected Population, Households, and Employment
for 2000 to 2030

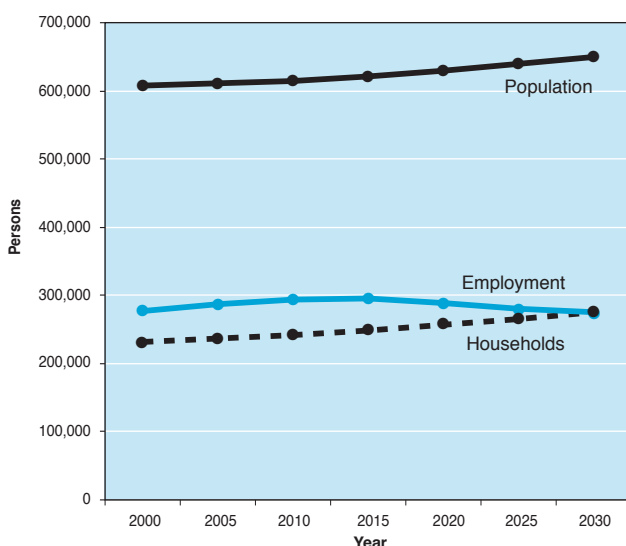
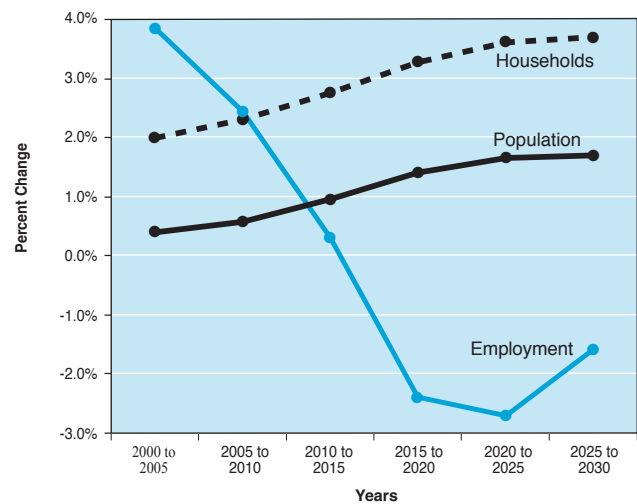


Figure 2
Projected Change in Population, Households,
and Employment for the Pioneer Valley Region



account for about two-thirds of all employment in the Pioneer Valley region.

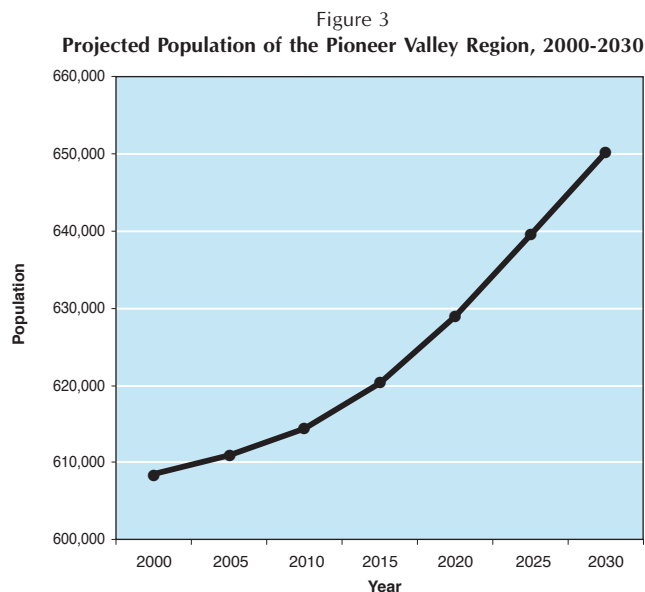
While these employment projections may provide cause for concern, they also provide impetus for action. As we approach the next three decades, it will be increasingly important to retain college graduates, reduce domestic out-migration, and encourage foreign immigration if population growth is to translate into economic growth. Also, though population is projected to increase, the degree of growth is small enough that deliberate efforts will be needed to prevent declines in the event of various shocks, such as mass layoffs and economic recessions that will likely occur over the next 30 years .

Ultimately, we project our region to grow slightly in the next 30 years, and it is our hope that the efforts of various organizations, businesses, and agencies in the next three decades will prove our projections too conservative.

Population

Overall, the size of the Pioneer Valley region's population is projected to increase by about 40,000 people between 2000 and 2030, an increase of 6.9 percent. While this is good news, our optimism should be guarded. An increase of 40,000 people reflects an average annual increase of only 0.2 percent. This is fairly similar to the 0.1 percent annual rate of growth experienced during the 1990s.

Between 2000 and 2015, the population is projected to increase by only 1.9 percent (about 11,000 people), but between 2015 and 2030 the population is projected to grow by 4.8 percent (a little less than 30,000 persons). Because these projections do not attempt to predict major shifts in domestic migration patterns, this faster rate of growth projected for the second half of the period reflects lower mortality rates and a rise in natural increase—caused by rising fertility rates and a slight rise in the number of women of childbearing age.



During the next three decades, our population will continue to age as retiring baby boomers swell the ranks of senior citizens. For example, the number of people between the ages of 70 and 80 will rise from less than 40,000 in 2000 to more than 60,000 by 2030. The number of people over age 85 will also steadily increase as life expectancies rise (see Figure 4).

The Pioneer Valley region will continue to be home to many college students maintaining a sizeable 15-to 24-year-old

population in the region. Unfortunately, the size of the population between the ages of 30 and 50 (the core of the region's workforce) will decrease in the next three decades and will not, by 2030, return to its size in 2000.

Figure 5 provides a vivid illustration of the aging of our region's population as the line for each projection year moves progressively farther to the right and into the older age cohorts. However, if you study the youngest age cohorts in Figure 5, you notice that the size of the zero-to nine-year-old population grows steadily larger throughout our projections, causing the faster rate of growth in the last 15 years of the projections and providing a new generation to populate our region.

The vast majority of communities in the Pioneer Valley region are projected to increase in size over the next 30 years. The communities projected to grow the most are primarily rural and outer ring suburban towns like Hadley, Cummington, Middlefield, and Southampton. The fastest growing community, Hadley, is projected to increase from 4,793 people in 2000 to 5,970 in 2030, an increase of 24.6 percent. Adjacent South Hadley is projected to grow by 20.7 percent (an increase of 3,568 people).

Nearly half of the region's municipalities, 21 total, are projected to grow between zero and 10 percent. These slower growing communities include the region's core cities—Springfield, Chicopee, and Holyoke—and a number of inner ring suburbs such as West Springfield, Longmeadow, and Wilbraham.

Blandford and Montgomery, both rural communities with very few jobs, are projected to decline in population by 0.4 and 5.3 percent respectively. Because these are such small communities the actual projected loss of population is quite small—only five people in Blandford and 35 people in Montgomery.

As with the region as a whole, most communities are experiencing fairly slow population growth. No community in the region is projected to experience more than 0.7 percent average annual rate of growth. Table 1 presents population projections by municipality with percent growth. At the end of this report are tables with population projections by community and by age cohort.

Figure 4
Projected Population of the Pioneer Valley Region by Age Cohort

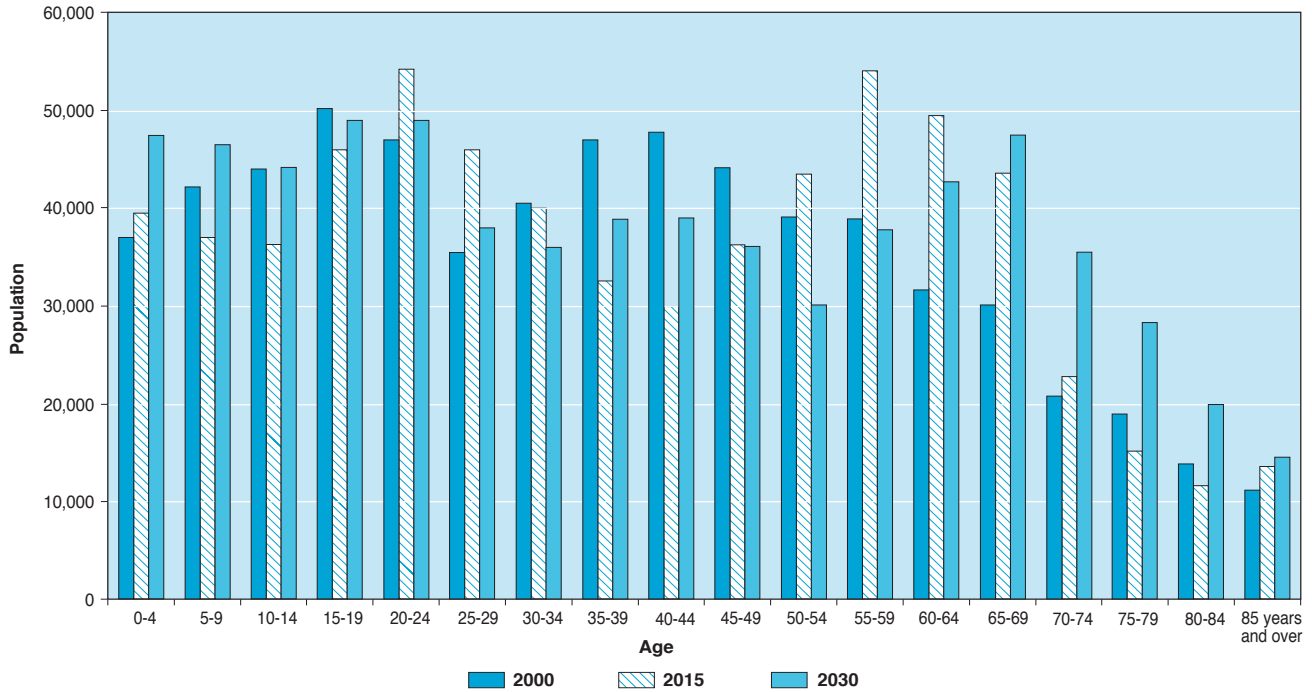
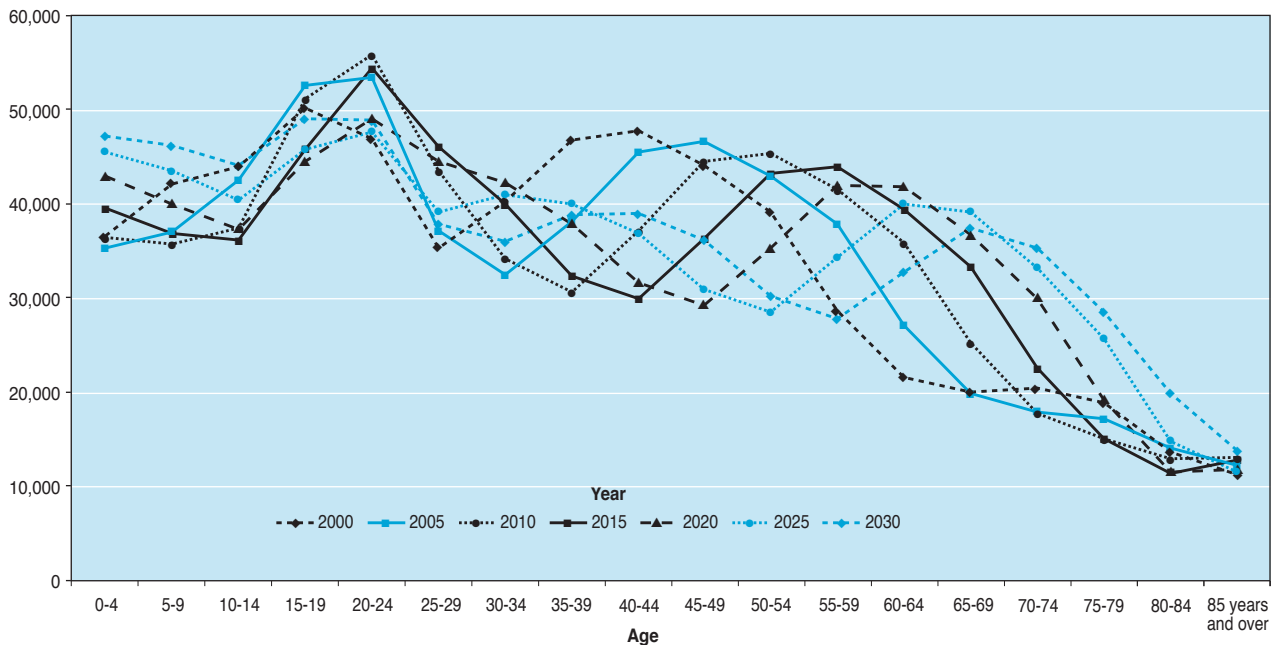


Figure 5
Projected Population of the Pioneer Valley Region by Age Cohort, 2000-2030



While these projections give reason for optimism, they also give motive for diligence. These projections were developed without attempting to account for future socio-economic changes or “shocks.” In the first half of the 1990s, the devastating effect of the economic recession on our region led

to an increase in out-migration. Because of the small size of projected growth, similar events could turn positive population growth into negative. Planning and economic development efforts need to bear in mind the fragility of this projected growth.

Figure 6
Projected Percent Change in Population for Pioneer Valley Communities between 2000 and 2030

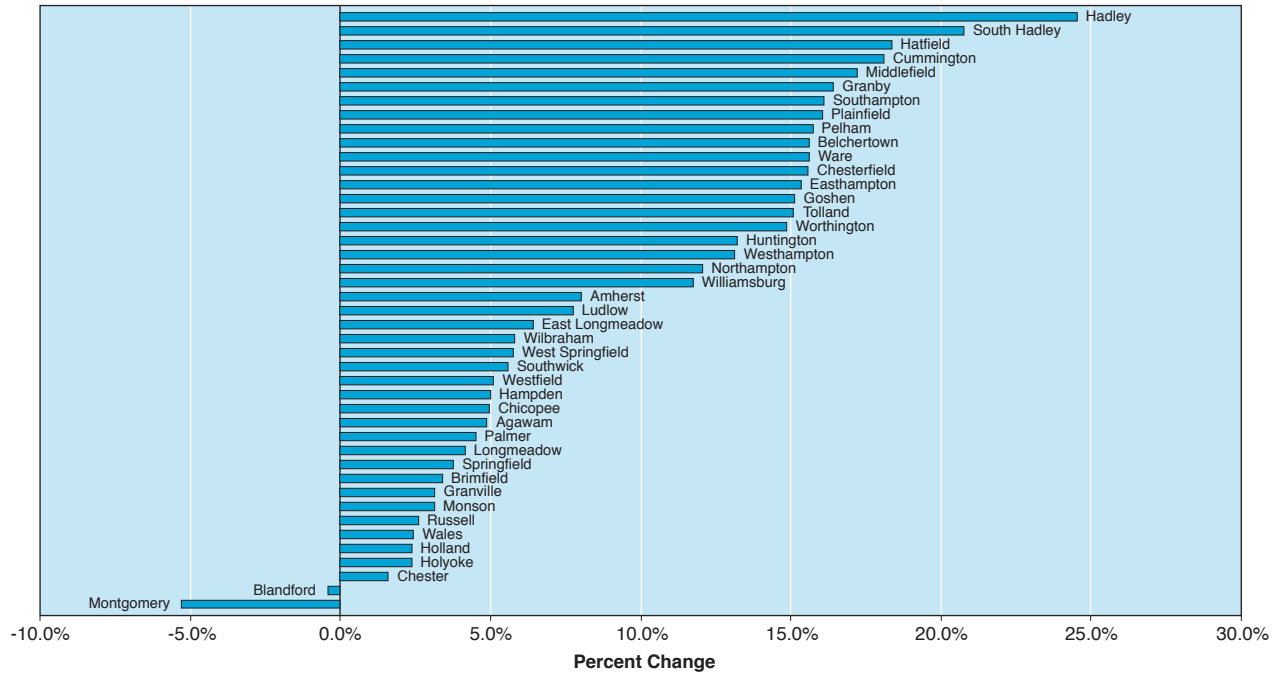


Figure 7
Pioneer Valley Region Projected Population Change 2000-2030

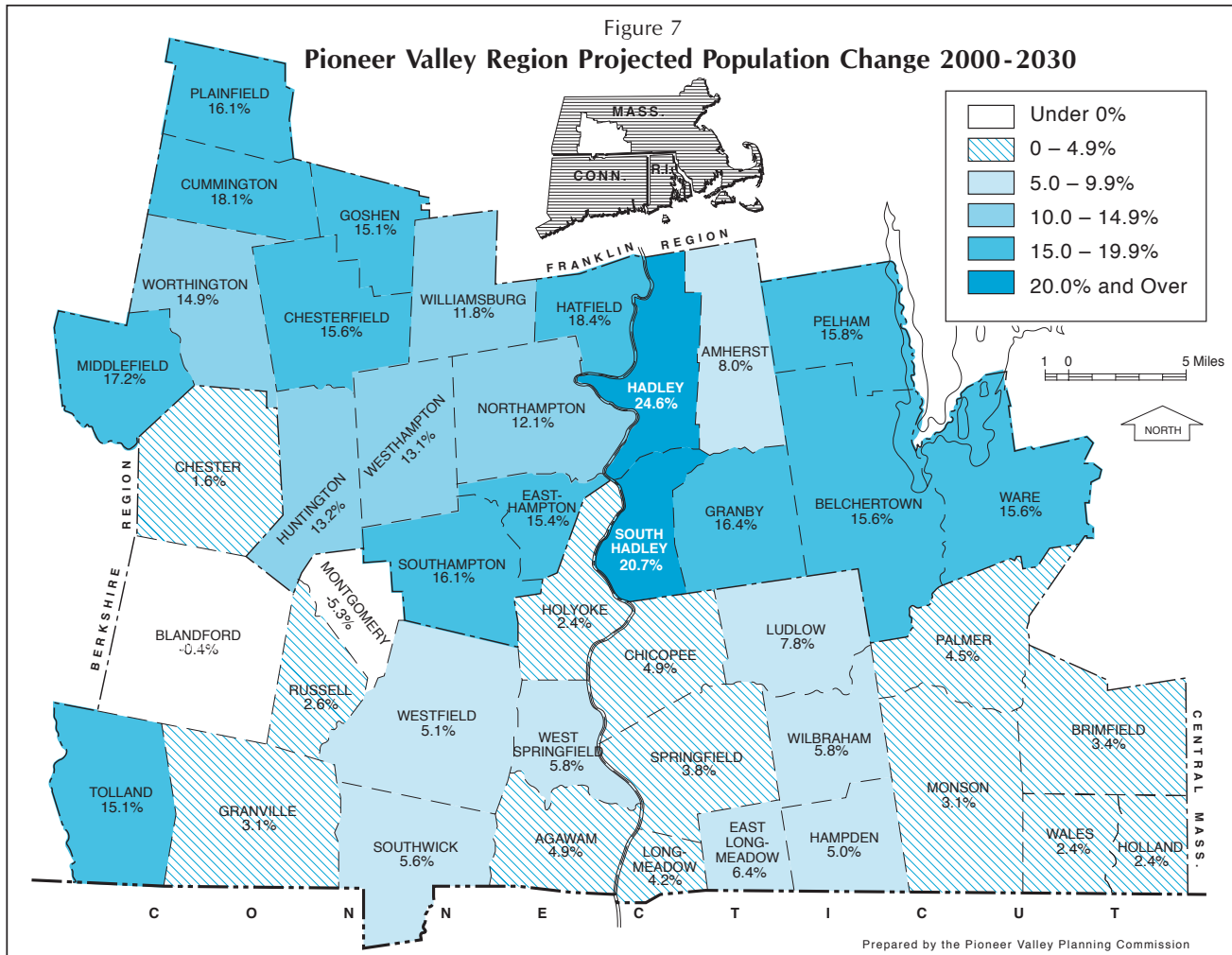


Table 1 Projected Change in Population for Pioneer Valley Communities between 2000 and 2030

	2000	2005	2010	2015	2020	2025	2030	Annual Percent Change	Percent Change
Agawam	28,144	28,126	28,271	28,447	28,799	29,078	29,511	4.9%	0.2%
Amherst	34,874	35,461	36,044	36,570	36,866	37,156	37,675	8.0%	0.3%
Belchertown	12,968	12,987	13,224	13,415	13,960	14,407	14,993	15.6%	0.5%
Blandford	1,214	1,227	1,231	1,220	1,210	1,201	1,209	-0.4%	0.0%
Brimfield	3,339	3,334	3,337	3,318	3,363	3,394	3,453	3.4%	0.1%
Chester	1,308	1,306	1,289	1,277	1,289	1,311	1,329	1.6%	0.1%
Chesterfield	1,201	1,226	1,259	1,283	1,326	1,350	1,388	15.6%	0.5%
Chicopee	54,653	54,620	54,742	55,281	55,868	56,751	57,355	4.9%	0.2%
Cummington	978	1,005	1,043	1,044	1,086	1,113	1,155	18.1%	0.6%
East Longmeadow	14,100	14,052	13,989	14,046	14,336	14,682	15,007	6.4%	0.2%
Easthampton	15,994	16,278	16,528	16,914	17,393	17,942	18,451	15.4%	0.5%
Goshen	921	951	980	994	1,028	1,046	1,060	15.1%	0.5%
Granby	6,132	6,218	6,355	6,540	6,782	6,979	7,138	16.4%	0.5%
Granville	1,521	1,509	1,496	1,494	1,521	1,540	1,569	3.1%	0.1%
Hadley	4,793	4,925	5,077	5,225	5,445	5,692	5,970	24.6%	0.8%
Hampden	5,171	5,188	5,188	5,185	5,273	5,345	5,430	5.0%	0.2%
Hatfield	3,249	3,350	3,415	3,506	3,621	3,747	3,846	18.4%	0.6%
Holland	2,407	2,376	2,365	2,354	2,390	2,417	2,464	2.4%	0.1%
Holyoke	39,838	39,682	39,422	39,783	39,936	40,535	40,786	2.4%	0.1%
Huntington	2,174	2,224	2,265	2,299	2,357	2,406	2,461	13.2%	0.4%
Longmeadow	15,633	15,714	15,598	15,640	15,788	16,042	16,282	4.2%	0.1%
Ludlow	21,209	21,225	21,527	21,713	22,207	22,460	22,858	7.8%	0.3%
Middlefield	542	555	570	574	599	611	635	17.2%	0.6%
Monson	8,359	8,333	8,331	8,321	8,432	8,509	8,620	3.1%	0.1%
Montgomery	654	660	645	640	629	631	619	-5.3%	-0.2%
Northampton	28,978	29,666	30,101	30,677	31,084	31,811	32,480	12.1%	0.4%
Palmer	12,497	12,383	12,344	12,393	12,584	12,813	13,060	4.5%	0.2%
Pelham	1,403	1,453	1,484	1,512	1,551	1,593	1,624	15.8%	0.5%
Plainfield	589	605	618	635	654	674	684	16.1%	0.5%
Russell	1,657	1,653	1,654	1,656	1,673	1,685	1,700	2.6%	0.1%
South Hadley	17,196	17,606	18,032	18,670	19,380	20,150	20,764	20.7%	0.7%
Southampton	5,387	5,486	5,644	5,721	5,910	6,054	6,254	16.1%	0.5%
Southwick	8,835	8,741	8,729	8,716	8,943	9,097	9,328	5.6%	0.2%
Springfield	152,082	151,784	151,967	152,884	153,901	155,812	157,832	3.8%	0.1%
Tolland	426	426	443	455	481	483	490	15.1%	0.5%
Wales	1,737	1,743	1,766	1,767	1,786	1,773	1,779	2.4%	0.1%
Ware	9,707	9,899	10,039	10,307	10,586	10,961	11,223	15.6%	0.5%
West Springfield	27,899	27,857	28,039	28,328	28,731	29,115	29,506	5.8%	0.2%
Westfield	40,072	40,287	40,549	40,579	40,918	41,313	42,113	5.1%	0.2%
Westhampton	1,468	1,496	1,522	1,548	1,594	1,627	1,661	13.1%	0.4%
Wilbraham	13,473	13,493	13,446	13,465	13,712	13,982	14,255	5.8%	0.2%
Williamsburg	2,427	2,481	2,510	2,563	2,603	2,679	2,712	11.8%	0.4%
Worthington	1,270	1,312	1,348	1,355	1,385	1,419	1,459	14.9%	0.5%
Pioneer Valley Region	608,479	610,901	614,424	620,316	628,977	639,387	650,191	6.9%	0.2%

Households

In contrast to population growth, the number of households in the region is projected to grow dramatically in the next 30 years, from 231,279 in 2000 to 275,079 in 2030, an increase of 18.9 percent. With a projected average annual growth rate of 0.7 percent, the number of households will increase at more than three times the rate of population increase.

We assume, in these projections, the continuation of recent trends including declining average household size and increasing proportions of the population living in households.³ Both these trends explain the much faster growth of households over population. Throughout the projection period the percent increase in households every five years is consistently higher than the percent increase in population (Figure 8). Though changing at different rates, the increase in household size follows the same pattern as population, slower until 2015 and faster from 2015 to 2030.

No community in the region is projected to experience a decline in the number of its households over the next three decades. The communities projected to experience the largest percentage increase in households are Westhampton and Chesterfield, both projected to have increases of more than 50 percent in the number of households in their communities.

As with population, the communities projected to experience the greatest growth in households are outer ring suburbs and rural communities, while those experiencing the least change tend to be core cities and inner ring suburbs. Springfield, with less than a 10 percent increase in households, has the lowest projected rate of household growth.

Figure 8
Projected Percent Change in Population and Households in the Pioneer Valley Region, 2000-2030

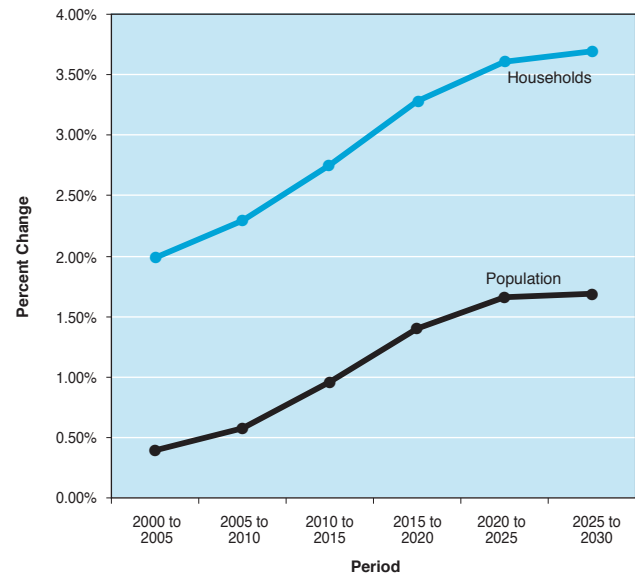
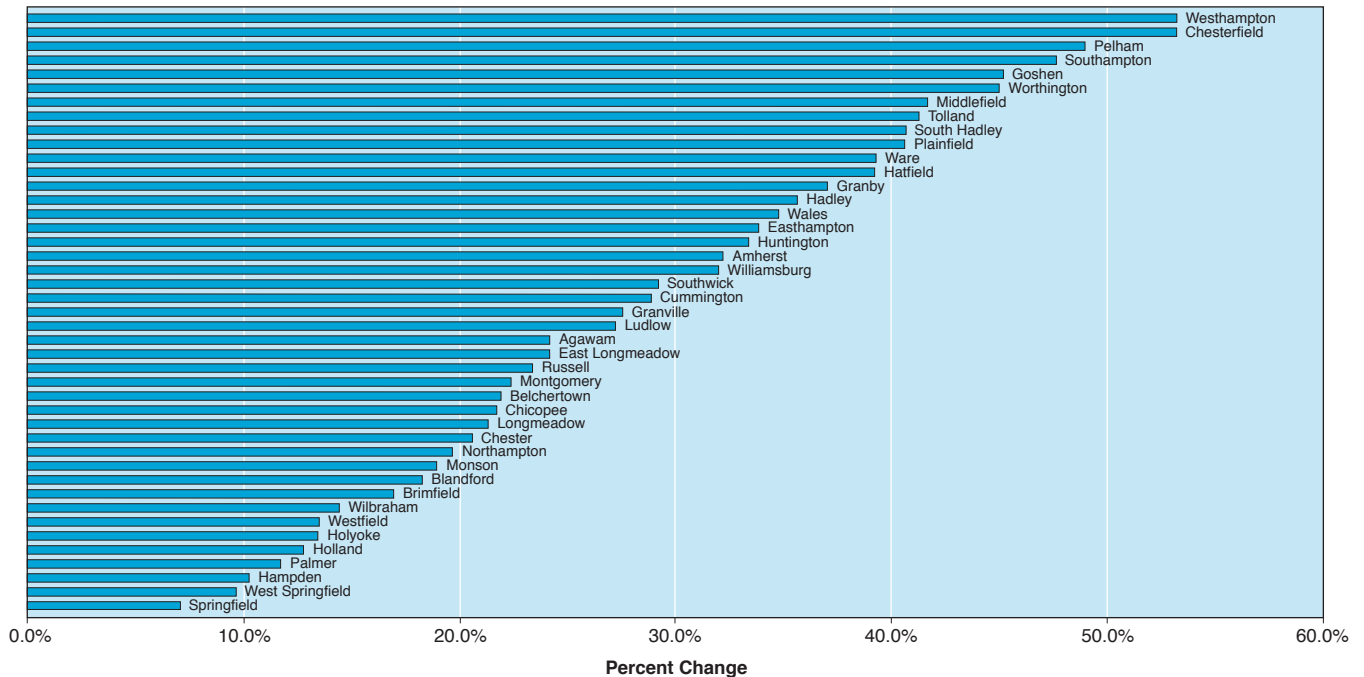


Figure 9
Projected Percent Change in Households for Pioneer Valley Communities between 2000 and 2030



This substantial projected rise in the number of households in the region has significant implications. In particular, as communities across the region consider their housing stock, an increase in the number of households means an increase in

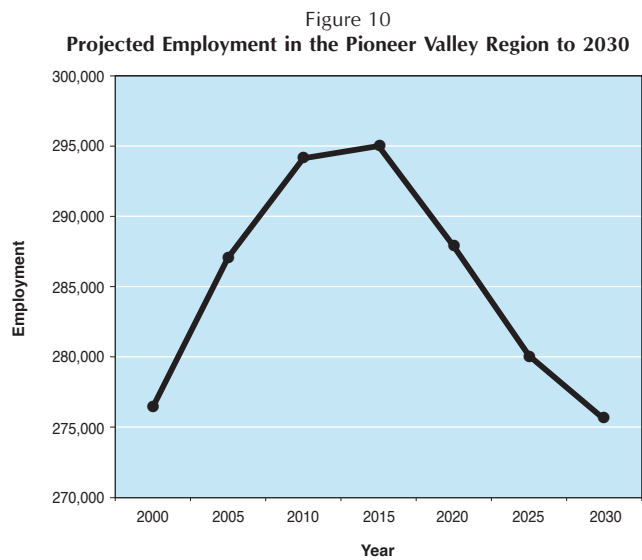
the demand for housing units. Also, given that the fast rate of growth in households is in part a result of decreasing average household size, thought may need to be given to the type and size of housing units being developed.

Table 2 Projected Change in Households for Pioneer Valley Communities between 2000 and 2030

	2000	2005	2010	2015	2020	2025	2030	Percent Change	Annual Percent Change
Agawam	11,260	11,568	11,940	12,347	12,858	13,370	13,988	24.2%	0.8%
Amherst	9,174	9,612	10,089	10,581	11,039	11,528	12,127	32.2%	1.1%
Belchertown	4,886	4,937	5,071	5,190	5,449	5,675	5,959	22.0%	0.7%
Blandford	456	474	488	498	508	519	539	18.3%	0.6%
Brimfield	1,250	1,273	1,300	1,319	1,364	1,407	1,462	16.9%	0.6%
Chester	500	512	519	529	550	577	603	20.6%	0.7%
Chesterfield	447	475	510	544	590	632	685	53.2%	1.8%
Chicopee	23,117	23,654	24,278	25,122	26,032	27,130	28,150	21.8%	0.7%
Cumington	382	398	419	425	449	467	492	28.9%	1.0%
East Longmeadow	5,248	5,352	5,462	5,627	5,895	6,202	6,517	24.2%	0.8%
Easthampton	6,854	7,132	7,418	7,780	8,205	8,686	9,174	33.8%	1.1%
Goshen	365	391	417	440	473	501	530	45.2%	1.5%
Granby	2,247	2,336	2,451	2,591	2,762	2,925	3,080	37.1%	1.2%
Granville	556	570	585	605	638	670	709	27.6%	0.9%
Hadley	1,895	1,972	2,061	2,150	2,273	2,413	2,570	35.6%	1.2%
Hampden	1,818	1,837	1,852	1,867	1,914	1,957	2,005	10.3%	0.3%
Hatfield	1,381	1,462	1,529	1,612	1,711	1,821	1,923	39.3%	1.3%
Holland	898	901	910	921	950	977	1,013	12.8%	0.4%
Holyoke	14,967	15,152	15,306	15,711	16,046	16,575	16,979	13.4%	0.4%
Huntington	809	848	887	925	975	1,024	1,079	33.4%	1.1%
Longmeadow	5,734	5,899	6,002	6,172	6,394	6,672	6,960	21.4%	0.7%
Ludlow	7,659	7,851	8,174	8,473	8,915	9,288	9,747	27.3%	0.9%
Middlefield	213	225	238	247	266	281	302	41.7%	1.4%
Monson	3,095	3,152	3,225	3,298	3,424	3,542	3,681	18.9%	0.6%
Montgomery	253	266	270	280	287	301	310	22.4%	0.7%
Northampton	11,880	12,273	12,592	12,978	13,300	13,768	14,222	19.7%	0.7%
Palmer	5,078	5,081	5,122	5,201	5,342	5,502	5,674	11.7%	0.4%
Pelham	545	587	624	662	708	760	812	49.0%	1.6%
Plainfield	243	257	271	287	306	325	342	40.7%	1.4%
Russell	611	627	646	667	695	723	754	23.4%	0.8%
South Hadley	6,586	6,908	7,250	7,697	8,198	8,752	9,267	40.7%	1.4%
Southampton	1,985	2,099	2,242	2,362	2,541	2,715	2,931	47.7%	1.6%
Southwick	3,318	3,384	3,489	3,601	3,823	4,030	4,288	29.2%	1.0%
Springfield	57,130	57,223	57,608	58,277	58,992	60,060	61,181	7.1%	0.2%
Tolland	169	174	187	199	218	227	239	41.3%	1.4%
Wales	660	690	730	763	808	842	890	34.8%	1.2%
Ware	4,027	4,227	4,416	4,674	4,954	5,299	5,611	39.3%	1.3%
West Springfield	11,823	11,867	12,018	12,218	12,470	12,717	12,969	9.7%	0.3%
Westfield	14,797	15,070	15,360	15,569	15,902	16,267	16,803	13.6%	0.5%
Westhampton	542	577	615	657	713	768	831	53.2%	1.8%
Wilbraham	4,891	4,956	5,003	5,076	5,237	5,413	5,597	14.4%	0.5%
Williamsburg	1,027	1,079	1,120	1,176	1,228	1,301	1,356	32.1%	1.1%
Worthington	503	539	574	599	637	680	729	45.0%	1.5%
Pioneer Valley Region	231,279	235,868	241,269	247,916	256,040	265,286	275,079	18.9%	0.6%

Employment

Unlike population and household projections, employment in the Pioneer Valley region is not expected to increase steadily throughout the next 30 years. Between 2000 and 2015, we project an increase of 6.7 percent, an addition of more than 18,000 employed persons. However, by 2030 we project those gains to have been erased by a 6.6 percent decline in employment between 2015 and 2030.

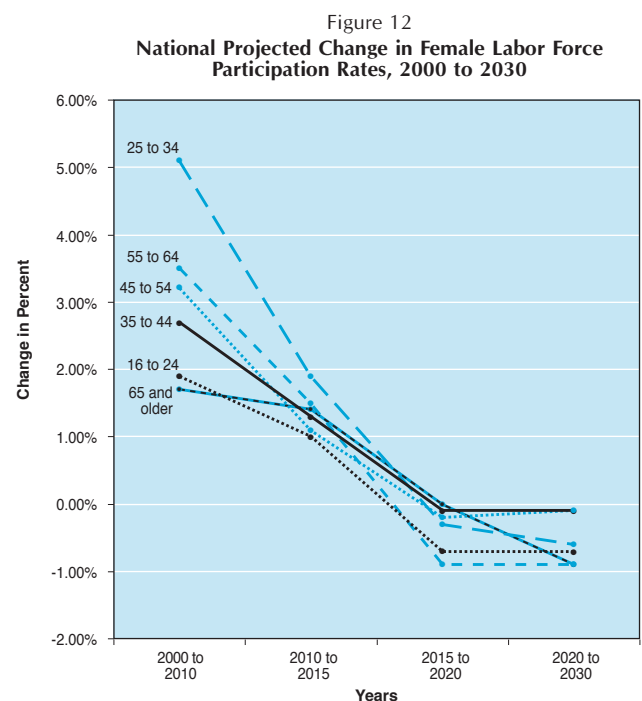
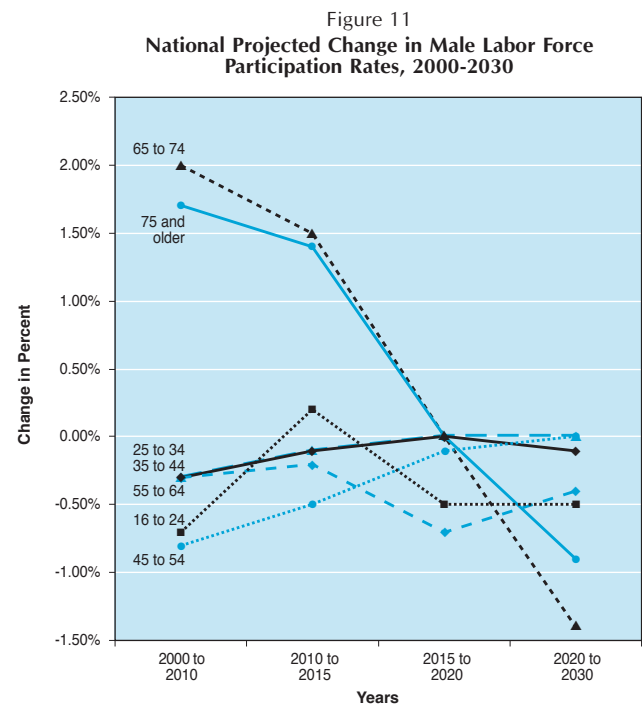


Our employment projections are rooted in the population projections and several key reasons explain the anticipated decline in employment after 2015. First, by 2015 the vast majority of “baby boomers” will have retired and left the workforce. Without substantial efforts to increase in-migration of working age adults, this significant demographic shift, affecting the entire country, will reduce the region’s available labor force and thereby depress employment levels.

Second, labor force participation rates (the percent of the available workforce that is either working or looking for work) among men are projected to decline across most age cohorts for all of the next 30 years. The one exception, encompasses men aged 65 and older who are projected to have increasing labor force participation rates through 2015. However, this increase at the older end of the labor market does not offset the significant losses, as a smaller percentage of younger men are participating in the labor force.

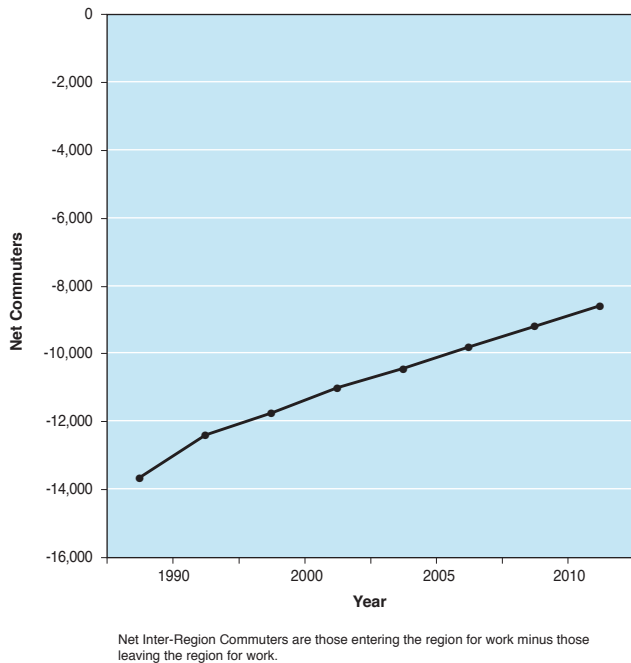
Finally, the rapid increases in female labor force participation rates in the last four decades are projected to slow as female labor force participation reaches parity with male

participation. Across all age cohorts, female labor force participation rates are projected to continue their increase until 2015, but in the last 15 years of our projections, female labor force participation rates are projected to begin slowly declining.



Although labor participation and retirement losses are forecast to cause an overall reduction in the region's employment in the last 15 years of our projections, one aspect of total regional employment is projected to improve throughout the projections: net commuters. In 1990, about 14,000 more people left the Pioneer Valley each morning for work than entered the region. By 2000, this number had dropped to a little more than 12,000. We project this number will decline further to about 8,000 by 2030. This indicates that fewer of our region's residents will be going elsewhere for work while more residents of adjacent regions will be traveling into our region for work. Nevertheless, by 2030, commuting will still yield a net employee loss in the Pioneer Valley.

Figure 13
Pioneer Valley Region Projected Inter-Region Commuters between 2000-2030



Our employment projections are also sub-divided into industry sectors to project the composition of the regional economy over the next three decades. Generally, we anticipate that the trends of the last 30 years will continue into the next 30 as the industry mix in our regional economy continues to be transformed.

The overarching shift, experienced not only by our economy but by that of the entire country, is a shift from a manufacturing or goods-producing economy to a service- and value-producing economy. This shift will continue, although the losses in the manufacturing sector will be less severe than those experienced in the recent past. We believe this is consistent with the reality that, though shrinking,

manufacturing remains an invaluable centerpiece of the region's economy and will be such in the future. Employment losses in manufacturing in part have and will result from increases in efficiency rather than relocations.

Between 2000 and 2030, we anticipate the loss of about 17,000 manufacturing jobs, a decline of 51.2 percent. Though substantial, this decline reflects a slowed rate of decrease from what was true in the last decade. Employment in the manufacturing sector will decline the most between 2020 and 2030, as the employment declines projected across industries will disproportionately come from the manufacturing sector.

The service sector will absorb many of the positions lost in manufacturing as the service sector will add 16,000 employees over the next 30 years, an increase of 17.3 percent. In fact, the service industry will only experience employment losses between 2020 and 2025 (and then only a 0.3 percent decline), despite the overall employment declines in the last 15 years of the projections.

Over the course of the next 30 years, the construction, agricultural services, retail trade, and finance sectors will each experience positive employment growth despite the declines in total employment. Construction will add about 450 positions for an increase of 3.4 percent. Likewise, agricultural services will add about 500 positions, but that accounts for a 21.5 percent increase in sector employment. Retail trade

Figure 14
Projected Employment in the Pioneer Valley Region by Industry Sector, 2000 to 2030

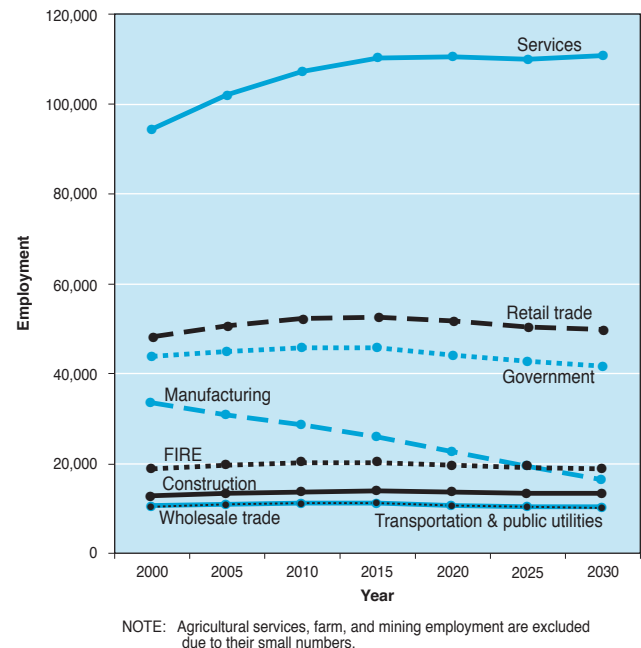


Table 3 Projected Employment for Pioneer Valley Communities between 2000 and 2030

	2000	2005	2010	2015	2020	2025	2030	Percent Change (2000 to 2030)	Average Annual Percent Change
Farm employment	1,533	1,556	1,529	1,468	1,369	1,270	1,188	-22.48%	-0.75%
Agricultural services, fishing, & forestry	2,483	2,654	2,819	2,928	2,956	2,970	3,017	21.50%	0.72%
Mining	155	142	135	125	111	98	87	-44.20%	-1.47%
Construction	12,823	13,274	13,710	13,862	13,638	13,373	13,264	3.44%	0.11%
Manufacturing	33,381	30,714	28,652	25,915	22,539	19,246	16,303	-51.16%	-1.71%
Transportation & public utilities	10,676	10,804	11,033	11,030	10,731	10,405	10,206	-4.41%	-0.15%
Wholesale trade	10,428	10,804	11,029	11,021	10,718	10,388	10,185	-2.32%	-0.08%
Retail trade	48,139	50,734	52,222	52,625	51,603	50,434	49,862	3.58%	0.12%
Finance, insurance, & real estate	18,649	19,546	20,048	20,132	19,672	19,159	18,876	1.21%	0.04%
Services	94,499	101,912	107,184	110,290	110,364	110,005	110,856	17.31%	0.58%
Government	43,697	44,959	45,754	45,584	44,192	42,698	41,733	-4.50%	-0.15%
Total Employment	276,463	287,099	294,113	294,980	287,891	280,045	275,576	-0.32%	-0.01%

Table 4 Projected Rate Change in Employment in the Pioneer Valley for 2000 through 2030

	Percent Change					
	2000 to 2005	2005 to 2010	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030
Farm employment	1.50%	-1.74%	-3.98%	-6.75%	-7.26%	-6.40%
Agricultural services, fishing, & forestry	6.91%	6.21%	3.85%	0.94%	0.50%	1.56%
Mining	-8.28%	-5.06%	-7.63%	-10.78%	-11.85%	-11.79%
Construction	3.52%	3.28%	1.11%	-1.61%	-1.95%	-0.81%
Manufacturing	-7.99%	-6.72%	-9.55%	-13.03%	-14.61%	-15.29%
Transportation & public utilities	1.20%	2.12%	-0.03%	-2.71%	-3.04%	-1.91%
Wholesale trade	3.61%	2.08%	-0.07%	-2.75%	-3.08%	-1.95%
Retail trade	5.39%	2.93%	0.77%	-1.94%	-2.27%	-1.13%
Finance, insurance, & real estate	4.81%	2.57%	0.42%	-2.28%	-2.61%	-1.48%
Services	7.84%	5.17%	2.90%	0.07%	-0.32%	0.77%
Government	2.89%	1.77%	-0.37%	-3.05%	-3.38%	-2.26%
Total Employment	3.85%	2.44%	0.29%	-2.40%	-2.73%	-1.60%

Table 5 Employment by Industry in the Pioneer Valley for 2000 through 2030

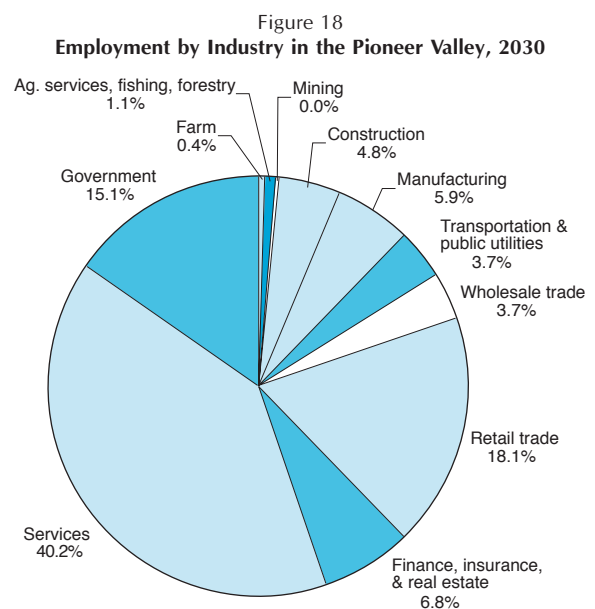
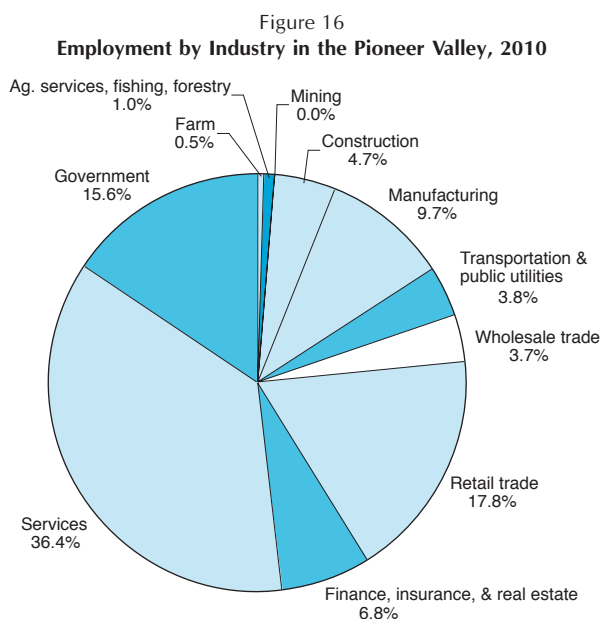
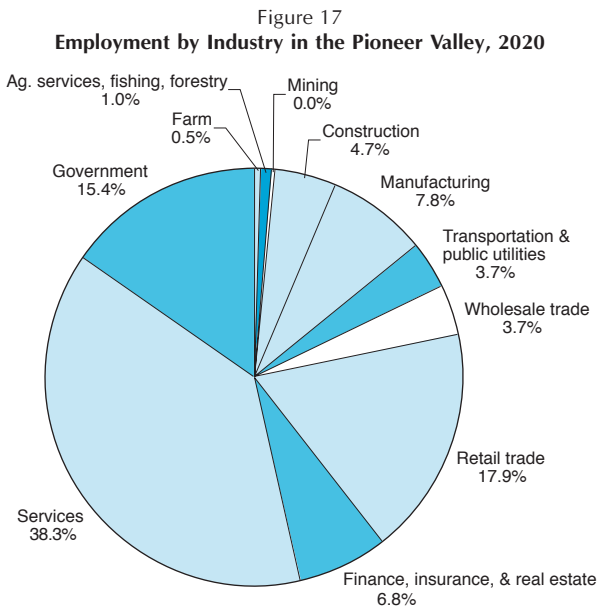
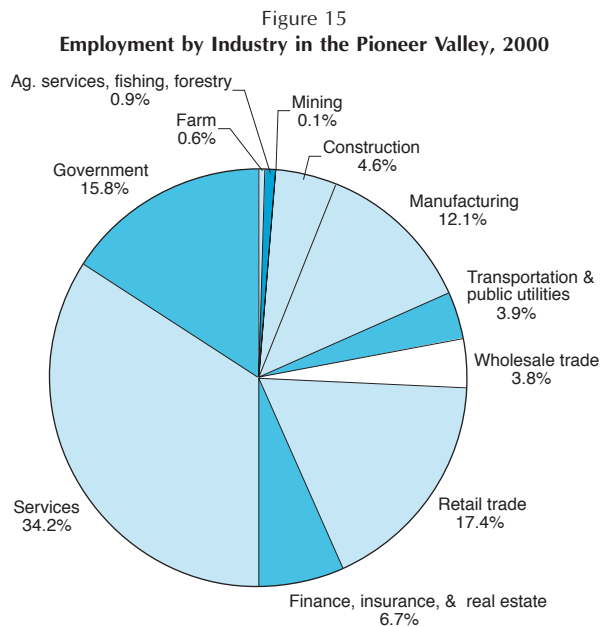
	2000	2005	2010	2015	2020	2025	2030
Farm employment	0.55%	0.54%	0.52%	0.50%	0.48%	0.45%	0.43%
Agricultural services, fishing, & forestry	0.90%	0.92%	0.96%	0.99%	1.03%	1.06%	1.09%
Mining	0.06%	0.05%	0.05%	0.04%	0.04%	0.04%	0.03%
Construction	4.64%	4.62%	4.66%	4.70%	4.74%	4.78%	4.81%
Manufacturing	12.07%	10.70%	9.74%	8.79%	7.83%	6.87%	5.92%
Transportation & public utilities	3.86%	3.76%	3.75%	3.74%	3.73%	3.72%	3.70%
Wholesale trade	3.77%	3.76%	3.75%	3.74%	3.72%	3.71%	3.70%
Retail trade	17.41%	17.67%	17.76%	17.84%	17.92%	18.01%	18.09%
Finance, insurance, & real estate	6.75%	6.81%	6.82%	6.82%	6.83%	6.84%	6.85%
Services	34.18%	35.50%	36.44%	37.39%	38.34%	39.28%	40.23%
Government	15.81%	15.66%	15.56%	15.45%	15.35%	15.25%	15.14%

employment will grow by 3.6 percent, adding nearly 1,800 positions. Finance, insurance, and real estate employment will increase by only about 220 positions, a 1.2 percent gain. Though these rates of growth are relatively flat, within the first half of the projection period these industries experience sharper gains that are subsequently erased by losses in the second half of the projection period.

Transportation, wholesale trade, and government employment are all projected to decline in the next 30 years, by 4.4, 2.3, and 4.5 percent respectively. However, in all three cases the sector experiences positive employment growth through 2010,

and employment then declines for the last two decades of our projections.

By 2030, the region's economy will be heavily centered around service and value-producing industries. The services, retail trade, and finance sectors alone will account for 65.2 percent of total employment, up from 58.3 percent in 2000. At the same time, manufacturing's share of employment will drop from 12.1 percent in 2000 to 5.9 percent in 2030. Figures 14, 15, 16, and 17 illustrate the significant changes projected to take shape in the Pioneer Valley region's economy over the next three decades.



Summary of Methods

Population

Population projections were developed for the Pioneer Valley region's two counties (Hampden and Hampshire) using a cohort-birth-survival-migration methodology. This method can generally be summarized by the following equation:

$$P_t^{[c]} = P_{t-1}^{[c-1]} + (B_{t-1} * F_{t-1}) - (P_{t-1}^{[c-1]} * M_{t-1}^{[c-1]}) + (P_{t-1}^{[c-1]} * N_{t-1}^{[c-1]})$$

<i>P</i>	Population
<i>c</i>	Five-year age cohort
<i>t</i>	Five-year time period
<i>B</i>	Birth rate (percent of women who give birth)
<i>F</i>	Female population
<i>M</i>	Mortality rate (percent of the population that died)
<i>N</i>	Net migration rate (percent of population migrating into or out of the community)
-1	Indicates the prior period

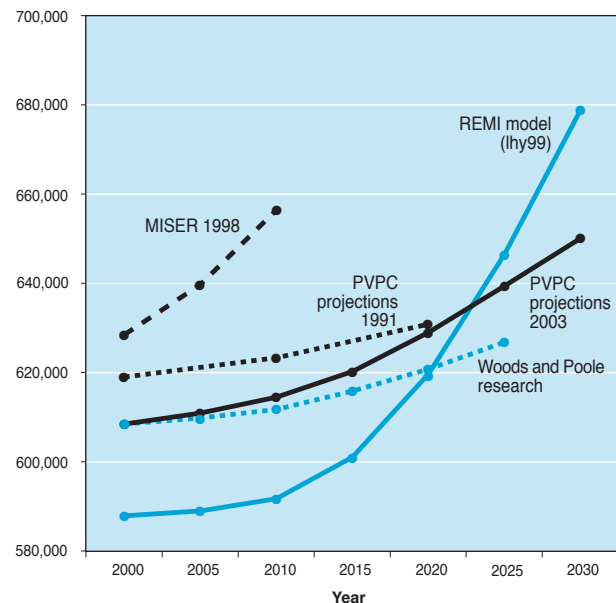
Baseline fertility and mortality rates were determined for each county, age cohort, and gender based on fertility and mortality data in each county between 1990 and 2000. These baseline rates were then adjusted for each projection period using national trends over the last two decades.⁴ The general trends included declining mortality rates as people's life expectancy increases. Some projected shifts were especially dramatic for men, in part because they had life expectancies so much lower than those of women. Fertility rates are tending to decline among the youngest women of childbearing age and to increase among women at the upper end of childbearing age, those 35 and older.

Net migration rates were calculated based on data compiled from 1990 to 2000. Generally, net migration is calculated by taking the population in 1990, adding births from 1990 to 2000, subtracting deaths from 1990 to 2000, and comparing the estimated 2000 population with the actual 2000 population to determine the net number of people in a given age cohort who moved into or out of the region. The baseline net migration rate was the number of net migrants, by cohort and gender, divided by the 1990 population for that cohort and gender. Projected net migration rates were not adjusted over time because predicting shifts in migration is fraught with potential for inconsistency or wrong assumptions.

With rates determined, population by age and gender was projected for each of the projection years in Hampden and Hampshire Counties. Municipal population was determined (again on a gender and age cohort basis) by sharing the relevant county population among its municipalities. The baseline share was the share of each county's population in 2000. Shares for projection periods were calculated by adjusting the baseline share using the trend established between 1990 and 2000. Once shares were defined for each municipality and for each cohort and gender, the relevant county population projections were allocated among their municipalities.

It must be underscored that, in projecting the region's population, we extracted an approximation of the college population residing in Hampshire County before conducting projection calculations. We then re-inserted the college population into the final results. This was necessary so the large number of women would not artificially inflate birth figures; and so the college population did not substantially alter net migration calculations. The underlying assumption in this treatment of the college population is that the size of that population will remain relatively constant over the next 30 years. We did not use this same method in Hampden County because the college population is much smaller.

Figure 19
Comparisons of Five Different Population Projections for the Pioneer Valley Region



Note: Only PVPC 2002 and Woods and Poole figures for 2000 reflect the actual number based on the U.S. Census.

relative to the total population, and a significant portion of the Hampden County college population are full-time residents of Hampden County regardless of schooling.⁵

Economic and Policy Resources, Inc. (EPR), who peer reviewed our population projections, indicated that they were not familiar with our method projecting cohort and gender specific populations at a higher level and then sharing out each component along cohort and gender lines. In their experience, generally, a total population for a higher level of geography is shared among components and then the component totals are shared into age and gender cohorts. EPR was concerned that our method would not account for differing age structures within municipalities. However, because the baseline share for each age cohort was based on actual 2000 data, we feel confident that the unique age and gender structures of Pioneer Valley municipalities are reflected in these projections.

Figure 19 illustrates a comparison of our population projections with several other projections we had at our disposal. Of the five projections shown, only our projections and those of Woods and Poole Economics use Census 2000 as their baseline. The curve of our projections matches Woods and Poole very closely and is quite similar to PVPC's 1991 projections. The REMI model's projections are questionable because the figures appear to start far too low and increase far too quickly. MISER's projections are similar in their slope, but they start at a higher point because MISER's projection of 2000 population for Hampshire County was about 20,000 people too high.

Households

Household projections were based on the population projections. The percentage of the population living in households and average household size were calculated by municipality for 1990 and 2000. Using these numbers as a baseline, trends were established and used to calculate the percent of the population in households and average household size for 2010, 2020, and 2030. The number of households for these years was calculated according to the following equation, where P is the total population, P^h is the percent of the population in households, S is average household size, and H is the total number of households.

$$H = \frac{(P * P^h)}{S}$$

The number of households in 2005, 2015, and 2025 were then calculated using simple interpolation. The percent of the population in households was adjusted to prevent radical shifts up or down, and the average household size was adjusted to insure that no municipality had a projected average household size below two persons.⁵

Employment

Employment projections were developed for the Pioneer Valley region based upon the population projections already described. Using 2000 U.S. Census data, baseline labor force participation rates were determined for both genders and for each five-year age cohort (excluding cohorts under age 16). The baseline participation rates (based on local data) were adjusted using a national labor force participation forecast developed by the U.S. Bureau of Labor Statistics.⁶

Once labor force participation rates were defined for each gender and age cohort, a total labor force was calculated by multiplying the participation rate by the projected population for each cohort. Next, the projected labor force in each period was multiplied by 0.95, accounting for an estimate of unemployment, to generate an employment total.⁷ The unemployment rate is held constant because it is impossible to predict when unemployment levels will be high or low.

The U.S. Bureau of Economic Analysis' Regional Economic Information System (REIS) was used to sub-divide the employment projections by industry sector. Sector shares of total employment were calculated from REIS data for 1969 through 2000. A linear trend was then projected forward to 2030 for each industry sector's share of total employment. This linear trend was then adjusted by weighting the actual 2000 share twice and the linear forecast once. This weighting was done to smooth the projected shares and to reduce fairly radical changes predicted by a simple linear trend.⁸

Each industry sector's weighted share for each projection period was multiplied by total employment to yield projected employment levels by industry sector.

Individual Community Population Projections, 2005 - 2030

Hampden County Area

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	33,701	29,745	28,732	29,500	31,786	34,312	36,070	37,174	-11.7%	-0.8%	16.3%	8.3%
5 - 9	32,785	33,784	29,872	28,880	29,675	31,998	34,561	36,352	3.0%	-14.5%	10.8%	13.6%
10 - 14	29,789	35,009	33,806	29,895	28,903	29,701	32,027	34,595	17.5%	-14.6%	-0.6%	16.5%
15 - 19	32,478	33,878	35,688	34,463	30,476	29,468	30,283	32,657	4.3%	1.7%	-14.5%	10.8%
20 - 24	35,421	28,210	34,411	36,253	35,014	30,967	29,946	30,777	-20.4%	28.5%	-14.6%	-0.6%
25 - 29	37,927	26,863	27,471	33,499	35,287	34,091	30,165	29,170	-29.2%	24.7%	1.8%	-14.4%
30 - 34	38,188	30,842	24,538	25,095	30,592	32,223	31,141	27,566	-19.2%	-18.6%	28.4%	-14.5%
35 - 39	34,429	35,787	28,794	22,918	23,444	28,585	30,116	29,112	3.9%	-36.0%	24.7%	1.8%
40 - 44	30,588	35,981	34,693	27,923	22,231	22,748	27,746	29,241	17.6%	-22.4%	-18.5%	28.5%
45 - 49	24,245	32,288	34,837	33,604	27,057	21,552	22,061	26,915	33.2%	4.1%	-35.9%	24.9%
50 - 54	19,314	28,799	31,138	33,627	32,464	26,162	20,856	21,364	49.1%	16.8%	-22.2%	-18.3%
55 - 59	19,083	22,026	27,722	30,010	32,452	31,367	25,308	20,200	15.4%	36.2%	4.5%	-35.6%
60 - 64	20,925	16,765	20,744	26,156	28,359	30,718	29,738	24,032	-19.9%	56.0%	17.4%	-21.8%
65 - 69	21,132	15,733	15,439	19,154	24,218	26,321	28,585	27,739	-25.5%	21.7%	37.4%	5.4%
70 - 74	17,723	16,173	13,966	13,728	17,073	21,650	23,580	25,680	-8.7%	-15.1%	57.7%	18.6%
75 - 79	12,767	14,890	13,437	11,666	11,499	14,357	18,290	19,990	16.6%	-21.7%	23.1%	39.2%
80 - 84	8,394	10,687	10,992	9,995	8,755	8,667	10,892	13,983	27.3%	-6.5%	-13.3%	61.3%
85 - ...	7,421	8,768	9,437	10,002	9,677	8,880	8,605	10,010	18.2%	14.1%	-11.2%	12.7%
Total	456,310	456,228	455,718	456,367	458,964	463,767	469,970	476,557	0.0%	0.0%	1.6%	2.8%

Hampshire County Area

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	7,977	6,943	6,680	7,014	7,797	8,761	9,546	10,058	-13.0%	1.0%	24.9%	14.8%
5 - 9	8,319	8,328	7,178	6,910	7,259	8,074	9,076	9,893	0.1%	-17.0%	16.8%	22.5%
10 - 14	7,416	8,938	8,753	7,544	7,263	7,631	8,487	9,541	20.5%	-15.6%	1.1%	25.0%
15 - 19	16,094	16,297	16,900	16,704	15,423	15,126	15,516	16,424	1.3%	2.5%	-9.4%	8.6%
20 - 24	21,299	18,716	19,012	19,633	19,428	18,108	17,801	18,204	-12.1%	4.9%	-7.8%	0.5%
25 - 29	11,378	8,520	9,767	10,101	10,779	10,547	9,102	8,762	-25.1%	18.6%	4.4%	-16.9%
30 - 34	11,634	9,496	7,971	9,138	9,451	10,087	9,872	8,520	-18.4%	-3.8%	10.4%	-15.5%
35 - 39	11,948	11,015	9,363	7,848	9,013	9,328	9,952	9,736	-7.8%	-28.8%	18.9%	4.4%
40 - 44	10,693	11,821	10,853	9,233	7,727	8,890	9,208	9,820	10.5%	-21.9%	-3.7%	10.5%
45 - 49	7,251	11,879	11,897	10,933	9,307	7,783	8,965	9,291	63.8%	-8.0%	-28.8%	19.4%
50 - 54	5,314	10,385	11,813	11,841	10,892	9,278	7,759	8,946	95.4%	14.0%	-21.6%	-3.6%
55 - 59	5,029	6,766	10,156	11,565	11,603	10,682	9,107	7,622	34.5%	70.9%	-7.6%	-28.7%
60 - 64	5,219	4,820	6,472	9,727	11,099	11,157	10,291	8,788	-7.6%	101.8%	14.7%	-21.2%
65 - 69	5,317	4,348	4,539	6,108	9,198	10,528	10,613	9,818	-18.2%	40.5%	72.4%	-6.7%
70 - 74	4,592	4,394	3,950	4,135	5,577	8,417	9,663	9,768	-4.3%	-5.9%	103.6%	16.0%
75 - 79	3,370	4,076	3,839	3,454	3,633	4,917	7,448	8,603	20.9%	-15.3%	42.4%	75.0%
80 - 84	2,037	3,025	3,202	3,037	2,736	2,901	3,950	6,017	48.5%	0.4%	-4.5%	107.4%
85 - ...	1,681	2,484	2,837	3,132	3,169	2,995	3,063	3,824	47.8%	26.1%	-4.4%	27.7%
Total	146,568	152,251	155,183	158,057	161,353	165,210	169,418	173,634	3.9%	3.8%	4.5%	5.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Agawam

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	1,700	1,560	1,507	1,554	1,674	1,814	1,907	1,973	-8.2%	-0.4%	16.8%	8.7%
5 - 9	1,726	1,725	1,526	1,470	1,511	1,624	1,754	1,839	-0.1%	-14.8%	10.5%	13.3%
10 - 14	1,592	1,840	1,777	1,569	1,517	1,556	1,678	1,810	15.6%	-14.7%	-0.8%	16.3%
15 - 19	1,755	1,717	1,809	1,735	1,534	1,474	1,515	1,622	-2.2%	1.1%	-15.1%	10.1%
20 - 24	1,856	1,191	1,454	1,496	1,444	1,245	1,204	1,206	-35.8%	25.6%	-16.8%	-3.1%
25 - 29	2,214	1,573	1,609	1,963	2,069	1,999	1,768	1,711	-29.0%	24.8%	1.8%	-14.4%
30 - 34	2,501	1,983	1,578	1,611	1,963	2,064	1,994	1,762	-20.7%	-18.8%	28.1%	-14.6%
35 - 39	2,331	2,357	1,897	1,506	1,540	1,872	1,972	1,901	1.1%	-36.1%	24.3%	1.5%
40 - 44	2,229	2,439	2,352	1,878	1,495	1,518	1,853	1,938	9.4%	-23.0%	-19.2%	27.6%
45 - 49	1,692	2,215	2,390	2,301	1,853	1,473	1,508	1,837	30.9%	3.9%	-36.0%	24.7%
50 - 54	1,215	2,124	2,297	2,517	2,430	1,986	1,582	1,644	74.8%	18.5%	-21.1%	-17.2%
55 - 59	1,159	1,614	2,031	2,237	2,419	2,377	1,918	1,555	39.3%	38.6%	6.3%	-34.6%
60 - 64	1,220	1,103	1,364	1,740	1,886	2,066	2,000	1,635	-9.6%	57.8%	18.7%	-20.9%
65 - 69	1,295	1,062	1,043	1,307	1,652	1,814	1,969	1,929	-18.0%	23.1%	38.8%	6.3%
70 - 74	1,032	1,010	873	862	1,071	1,368	1,488	1,632	-2.1%	-14.7%	58.7%	19.3%
75 - 79	783	1,028	928	814	802	1,012	1,290	1,424	31.3%	-20.8%	24.3%	40.7%
80 - 84	509	790	813	753	659	664	834	1,089	55.2%	-4.7%	-11.8%	64.1%
85 - ...	514	813	878	957	927	873	844	1,002	58.2%	17.7%	-8.8%	14.8%
Total	27,323	28,144	28,126	28,271	28,447	28,799	29,078	29,511	3.0%	0.5%	1.9%	2.5%

Amherst

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	1,152	993	956	1,002	1,114	1,251	1,363	1,435	-13.8%	0.9%	24.8%	14.7%
5 - 9	1,287	1,208	1,041	996	1,046	1,156	1,299	1,406	-6.1%	-17.6%	16.1%	21.7%
10 - 14	1,080	1,365	1,338	1,158	1,115	1,177	1,309	1,479	26.4%	-15.2%	1.7%	25.6%
15 - 19	7,875	7,571	7,652	7,531	7,376	7,259	7,301	7,304	-3.9%	-0.5%	-3.6%	0.6%
20 - 24	11,562	10,768	10,838	11,108	11,062	10,754	10,668	10,861	-6.9%	3.2%	-3.2%	1.0%
25 - 29	2,344	1,888	2,149	2,232	2,388	2,359	2,031	1,970	-19.5%	18.2%	5.7%	-16.5%
30 - 34	1,729	1,351	1,137	1,295	1,338	1,423	1,394	1,197	-21.9%	-4.2%	9.9%	-15.9%
35 - 39	1,690	1,256	1,068	872	1,003	1,013	1,080	1,029	-25.7%	-30.5%	16.1%	1.6%
40 - 44	1,543	1,502	1,382	1,160	968	1,101	1,142	1,199	-2.7%	-22.8%	-5.1%	8.9%
45 - 49	1,088	1,616	1,622	1,478	1,260	1,038	1,200	1,231	48.5%	-8.5%	-29.8%	18.6%
50 - 54	802	1,421	1,622	1,614	1,489	1,258	1,047	1,200	77.2%	13.6%	-22.0%	-4.6%
55 - 59	691	953	1,430	1,634	1,641	1,516	1,293	1,083	37.9%	71.5%	-7.2%	-28.5%
60 - 64	589	668	897	1,373	1,567	1,605	1,482	1,288	13.4%	105.5%	16.9%	-19.8%
65 - 69	558	590	616	848	1,276	1,494	1,507	1,425	5.7%	43.7%	76.3%	-4.6%
70 - 74	411	549	491	529	713	1,105	1,273	1,325	33.6%	-3.6%	108.9%	20.0%
75 - 79	376	474	446	402	423	575	871	1,012	26.1%	-15.1%	42.9%	75.9%
80 - 84	243	309	327	305	275	287	391	587	27.2%	-1.4%	-5.8%	104.3%
85 - ...	208	392	449	507	514	495	506	644	88.5%	29.4%	-2.4%	30.0%
Total	35,228	34,874	35,461	36,044	36,570	36,866	37,156	37,675	-1.0%	3.4%	2.3%	2.2%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Belchertown

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	851	888	855	912	1,014	1,158	1,262	1,351	4.3%	2.7%	27.0%	16.7%
5 - 9	831	1,043	899	883	927	1,052	1,183	1,314	25.5%	-15.3%	19.2%	24.9%
10 - 14	693	1,025	1,004	881	848	907	1,009	1,154	47.9%	-14.1%	3.0%	27.2%
15 - 19	582	844	902	918	790	789	829	954	45.0%	8.7%	-14.1%	20.9%
20 - 24	660	656	677	730	716	622	599	635	-0.6%	11.3%	-14.8%	2.1%
25 - 29	847	672	772	804	857	843	728	704	-20.7%	19.6%	4.8%	-16.4%
30 - 34	1,178	1,001	838	967	1,001	1,071	1,048	908	-15.0%	-3.4%	10.8%	-15.2%
35 - 39	1,251	1,315	1,118	948	1,089	1,142	1,218	1,205	5.1%	-27.9%	20.4%	5.6%
40 - 44	989	1,325	1,215	1,051	881	1,029	1,066	1,157	34.0%	-20.7%	-2.0%	12.3%
45 - 49	589	1,252	1,253	1,178	1,002	858	988	1,047	112.6%	-5.9%	-27.1%	22.0%
50 - 54	350	912	1,036	1,062	975	850	713	838	160.6%	16.5%	-20.0%	-1.3%
55 - 59	357	540	811	933	935	869	740	627	51.3%	72.7%	-6.9%	-27.8%
60 - 64	342	353	474	719	823	839	777	672	3.2%	103.6%	16.7%	-19.9%
65 - 69	367	314	328	443	667	767	773	718	-14.4%	41.1%	73.1%	-6.4%
70 - 74	297	287	259	271	366	553	633	639	-3.4%	-5.6%	104.0%	15.7%
75 - 79	199	271	255	232	244	334	506	591	36.2%	-14.4%	43.9%	76.9%
80 - 84	125	166	175	164	149	156	212	320	32.8%	-1.3%	-5.0%	105.5%
85 - ...	71	104	118	129	130	123	126	158	46.5%	23.6%	-4.4%	28.6%
Total	10,579	12,968	12,987	13,224	13,415	13,960	14,407	14,993	22.6%	2.0%	5.6%	7.4%

Blandford

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	83	69	67	68	73	79	83	85	-16.9%	-1.4%	15.6%	7.7%
5 - 9	90	67	59	55	57	59	63	64	-25.6%	-17.8%	6.4%	8.9%
10 - 14	93	94	91	79	76	77	83	88	1.1%	-16.0%	-2.3%	14.5%
15 - 19	79	89	94	91	81	79	81	88	12.7%	2.6%	-13.9%	11.6%
20 - 24	44	54	66	71	69	63	61	65	22.7%	31.9%	-11.4%	2.4%
25 - 29	75	60	61	76	80	78	69	67	-20.0%	26.1%	3.0%	-13.4%
30 - 34	105	66	52	52	64	65	63	54	-37.1%	-21.1%	25.6%	-17.4%
35 - 39	134	101	81	62	64	75	78	73	-24.6%	-38.2%	19.4%	-2.4%
40 - 44	130	111	107	83	66	65	79	80	-14.6%	-25.3%	-21.7%	23.1%
45 - 49	91	125	135	130	105	84	86	105	37.4%	4.4%	-35.6%	25.0%
50 - 54	52	135	146	164	159	133	106	113	159.6%	21.8%	-19.1%	-15.2%
55 - 59	52	82	103	115	124	123	99	81	57.7%	40.0%	7.2%	-34.2%
60 - 64	39	44	55	71	77	85	83	69	12.8%	60.7%	20.9%	-19.7%
65 - 69	57	32	32	38	48	51	55	52	-43.9%	19.0%	33.4%	1.8%
70 - 74	26	28	24	24	31	39	43	47	7.7%	-12.8%	60.6%	20.9%
75 - 79	16	36	32	30	29	38	48	55	125.0%	-17.9%	28.1%	45.1%
80 - 84	11	13	13	12	10	10	13	16	18.2%	-8.2%	-13.7%	59.4%
85 - ...	10	8	9	9	8	7	7	8	-20.0%	9.0%	-15.3%	5.5%
Total	1,187	1,214	1,227	1,231	1,220	1,210	1,201	1,209	2.3%	1.4%	-1.7%	-0.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Brimfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	233	202	195	200	215	232	244	251	-13.3%	-1.0%	16.1%	8.1%
5 - 9	259	237	209	200	205	219	236	245	-8.5%	-15.6%	9.4%	12.1%
10 - 14	243	300	290	258	249	257	277	301	23.5%	-14.1%	-0.2%	17.1%
15 - 19	156	254	267	268	237	237	243	271	62.8%	5.3%	-11.5%	14.5%
20 - 24	119	110	135	145	139	125	121	126	-7.6%	31.5%	-13.8%	1.0%
25 - 29	176	133	136	166	174	170	150	146	-24.4%	24.8%	2.2%	-13.9%
30 - 34	276	205	163	165	201	210	203	178	-25.7%	-19.3%	27.1%	-15.2%
35 - 39	300	302	243	193	197	240	252	243	0.7%	-36.2%	24.3%	1.5%
40 - 44	247	326	314	256	203	210	257	274	32.0%	-21.6%	-17.7%	30.1%
45 - 49	189	328	354	349	281	229	234	292	73.5%	6.5%	-34.5%	28.0%
50 - 54	148	249	269	294	284	231	184	191	68.2%	18.1%	-21.3%	-17.4%
55 - 59	119	191	240	268	289	287	232	189	60.5%	40.3%	7.3%	-34.2%
60 - 64	118	135	167	217	236	263	255	211	14.4%	60.9%	21.0%	-19.7%
65 - 69	126	104	102	129	163	179	194	190	-17.5%	23.7%	39.0%	6.4%
70 - 74	97	95	82	81	101	129	140	154	-2.1%	-14.6%	58.8%	19.4%
75 - 79	89	73	66	55	54	65	83	87	-18.0%	-25.0%	18.6%	33.3%
80 - 84	62	49	50	43	37	35	44	52	-21.0%	-12.9%	-18.9%	49.4%
85 - ...	44	46	49	52	50	45	44	50	4.5%	12.3%	-12.3%	10.8%
Total	3,001	3,339	3,334	3,337	3,318	3,363	3,394	3,453	11.3%	-0.1%	0.8%	2.7%

Chester

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	101	72	70	70	75	79	83	84	-28.7%	-3.2%	13.5%	5.6%
5 - 9	106	77	68	63	65	67	72	72	-27.4%	-18.1%	5.9%	8.4%
10 - 14	101	112	108	95	92	94	101	108	10.9%	-15.4%	-1.1%	15.7%
15 - 19	70	99	104	103	91	91	93	103	41.4%	4.3%	-12.3%	13.6%
20 - 24	54	62	76	82	79	72	70	74	14.8%	32.8%	-12.3%	2.2%
25 - 29	122	44	45	50	53	45	40	34	-63.9%	13.2%	-8.8%	-24.6%
30 - 34	128	75	60	59	72	72	70	59	-41.4%	-21.7%	23.5%	-18.0%
35 - 39	110	134	108	87	89	110	116	114	21.8%	-35.2%	26.9%	3.4%
40 - 44	93	142	137	113	90	94	115	123	52.7%	-20.6%	-16.7%	31.5%
45 - 49	88	130	140	137	110	88	91	112	47.7%	5.1%	-35.3%	26.2%
50 - 54	54	83	90	97	94	76	60	62	53.7%	17.2%	-22.1%	-18.2%
55 - 59	40	74	93	105	113	113	91	75	85.0%	41.7%	8.2%	-33.8%
60 - 64	71	54	67	84	91	98	95	76	-23.9%	55.2%	16.8%	-22.2%
65 - 69	49	37	36	45	57	62	67	65	-24.5%	21.8%	37.6%	5.5%
70 - 74	39	46	40	40	50	65	71	79	17.9%	-12.6%	61.5%	21.5%
75 - 79	26	35	32	28	27	34	44	48	34.6%	-20.7%	23.9%	40.5%
80 - 84	10	20	20	19	17	17	22	29	100.0%	-3.3%	-9.8%	67.1%
85 - ...	18	12	13	12	12	10	10	10	-33.3%	4.0%	-19.3%	3.7%
Total	1,280	1,308	1,306	1,289	1,277	1,289	1,311	1,329	2.2%	-1.5%	0.0%	3.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Chesterfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	71	74	71	76	85	97	105	113	4.2%	2.8%	27.0%	16.6%
5 - 9	104	85	73	69	73	79	89	94	-18.3%	-18.8%	14.2%	19.7%
10 - 14	82	86	84	72	69	71	79	88	4.9%	-16.8%	-0.3%	23.1%
15 - 19	70	89	95	96	83	82	86	98	27.1%	8.0%	-14.8%	20.0%
20 - 24	45	48	50	54	52	46	44	47	6.7%	12.0%	-14.4%	2.5%
25 - 29	63	52	59	62	66	65	56	55	-17.5%	18.7%	5.7%	-16.4%
30 - 34	115	77	64	72	75	78	76	65	-33.0%	-5.9%	7.9%	-17.5%
35 - 39	118	104	88	74	85	87	93	91	-11.9%	-29.0%	18.0%	4.0%
40 - 44	114	125	115	97	82	94	97	104	9.6%	-22.1%	-3.7%	10.5%
45 - 49	63	117	117	108	92	78	89	93	85.7%	-7.5%	-27.8%	19.6%
50 - 54	44	116	132	135	124	108	91	106	163.6%	16.3%	-20.1%	-1.2%
55 - 59	43	67	100	117	117	110	94	79	55.8%	73.9%	-5.6%	-28.0%
60 - 64	33	44	59	92	104	108	100	88	33.3%	108.0%	18.0%	-18.8%
65 - 69	30	41	43	60	90	107	107	103	36.7%	46.1%	78.5%	-4.0%
70 - 74	22	31	28	30	41	64	73	75	40.9%	-1.8%	110.8%	17.4%
75 - 79	20	20	19	17	18	24	36	40	0.0%	-15.8%	39.6%	69.9%
80 - 84	6	14	15	14	13	14	20	31	133.3%	3.1%	0.2%	115.6%
85 - ...	5	11	13	14	15	14	14	19	120.0%	30.3%	-1.3%	31.4%
Total	1,048	1,201	1,226	1,259	1,283	1,326	1,350	1,388	14.6%	4.8%	5.3%	4.7%

Cummington

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	47	36	35	36	40	44	48	50	-23.4%	-0.5%	23.1%	13.1%
5 - 9	63	46	40	37	39	41	47	49	-27.0%	-19.8%	12.4%	17.7%
10 - 14	62	60	59	49	48	49	54	59	-3.2%	-17.7%	-1.4%	21.8%
15 - 19	46	162	175	185	158	164	172	204	252.2%	14.5%	-11.7%	24.4%
20 - 24	41	25	26	26	25	21	20	20	-39.0%	5.0%	-20.0%	-4.8%
25 - 29	51	43	50	52	56	55	47	46	-15.7%	21.5%	4.9%	-15.8%
30 - 34	87	76	64	74	76	82	80	70	-12.6%	-3.1%	11.1%	-15.0%
35 - 39	80	77	66	55	63	66	70	69	-3.8%	-28.6%	19.8%	4.6%
40 - 44	84	100	92	78	66	76	79	85	19.0%	-21.5%	-2.9%	11.3%
45 - 49	42	84	84	78	66	57	65	68	100.0%	-7.1%	-27.2%	20.3%
50 - 54	21	70	80	83	77	68	57	68	233.3%	18.8%	-18.3%	0.3%
55 - 59	25	51	76	91	92	88	75	64	104.0%	77.9%	-3.2%	-26.9%
60 - 64	34	38	51	78	89	90	83	72	11.8%	105.8%	15.4%	-20.5%
65 - 69	32	30	31	43	64	74	74	69	-6.3%	42.2%	73.7%	-6.8%
70 - 74	29	28	25	27	36	54	62	62	-3.4%	-5.1%	104.6%	14.6%
75 - 79	15	24	23	21	22	30	46	54	60.0%	-13.3%	45.4%	79.0%
80 - 84	13	18	19	18	16	17	23	35	38.5%	-0.2%	-5.7%	105.1%
85 - ...	13	10	12	12	12	10	10	11	-23.1%	16.9%	-13.5%	11.4%
Total	785	978	1,005	1,043	1,044	1,086	1,113	1,155	24.6%	6.6%	4.2%	6.3%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Chicopee

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	3,550	2,986	2,885	2,947	3,175	3,411	3,586	3,677	-15.9%	-1.3%	15.7%	7.8%
5 - 9	3,642	3,570	3,158	3,037	3,120	3,347	3,615	3,783	-2.0%	-14.9%	10.2%	13.0%
10 - 14	3,317	3,502	3,382	2,957	2,859	2,904	3,132	3,344	5.6%	-15.6%	-1.8%	15.1%
15 - 19	3,706	3,741	3,941	3,793	3,354	3,232	3,322	3,570	0.9%	1.4%	-14.8%	10.5%
20 - 24	4,237	3,206	3,908	4,094	3,955	3,481	3,365	3,441	-24.3%	27.7%	-15.0%	-1.2%
25 - 29	4,908	3,482	3,560	4,340	4,571	4,417	3,909	3,781	-29.1%	24.7%	1.8%	-14.4%
30 - 34	4,844	3,736	2,971	3,025	3,689	3,869	3,738	3,293	-22.9%	-19.0%	27.9%	-14.9%
35 - 39	4,153	4,198	3,377	2,678	2,740	3,335	3,515	3,387	1.1%	-36.2%	24.5%	1.6%
40 - 44	3,515	4,312	4,158	3,360	2,674	2,748	3,352	3,548	22.7%	-22.1%	-18.2%	29.1%
45 - 49	2,897	3,816	4,117	3,967	3,194	2,540	2,601	3,170	31.7%	4.0%	-36.0%	24.8%
50 - 54	2,415	3,460	3,741	4,024	3,885	3,118	2,485	2,535	43.3%	16.3%	-22.5%	-18.7%
55 - 59	2,589	2,759	3,472	3,729	4,032	3,865	3,117	2,466	6.6%	35.1%	3.6%	-36.2%
60 - 64	3,094	2,247	2,780	3,469	3,760	4,030	3,902	3,121	-27.4%	54.4%	16.2%	-22.6%
65 - 69	3,237	2,265	2,220	2,735	3,459	3,732	4,054	3,908	-30.0%	20.8%	36.5%	4.7%
70 - 74	2,819	2,378	2,054	2,001	2,489	3,130	3,409	3,682	-15.6%	-15.8%	56.4%	17.6%
75 - 79	1,789	2,296	2,072	1,815	1,789	2,254	2,872	3,167	28.3%	-20.9%	24.2%	40.5%
80 - 84	1,111	1,657	1,705	1,573	1,378	1,384	1,739	2,265	49.1%	-5.1%	-12.0%	63.7%
85 - ...	809	1,042	1,121	1,197	1,158	1,071	1,038	1,218	28.8%	14.9%	-10.5%	13.8%
Total	56,632	54,653	54,620	54,742	55,281	55,868	56,751	57,355	-3.5%	0.2%	2.1%	2.7%

Easthampton

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	1,026	854	822	859	955	1,068	1,164	1,220	-16.8%	0.6%	24.3%	14.3%
5 - 9	974	936	806	773	812	900	1,011	1,098	-3.9%	-17.4%	16.3%	22.0%
10 - 14	953	966	945	800	770	793	882	972	1.4%	-17.2%	-0.8%	22.6%
15 - 19	1,039	952	1,018	1,000	861	830	872	971	-8.4%	5.1%	-17.0%	17.0%
20 - 24	1,174	866	895	933	914	769	741	760	-26.2%	7.8%	-17.6%	-1.3%
25 - 29	1,337	1,153	1,323	1,387	1,480	1,466	1,266	1,234	-13.8%	20.3%	5.7%	-15.8%
30 - 34	1,484	1,238	1,040	1,194	1,235	1,321	1,293	1,118	-16.6%	-3.5%	10.6%	-15.4%
35 - 39	1,462	1,398	1,187	1,001	1,147	1,191	1,271	1,249	-4.4%	-28.4%	18.9%	4.9%
40 - 44	1,307	1,398	1,283	1,088	911	1,044	1,081	1,150	7.0%	-22.2%	-4.0%	10.1%
45 - 49	814	1,415	1,416	1,307	1,112	937	1,077	1,122	73.8%	-7.6%	-28.3%	19.8%
50 - 54	552	1,295	1,471	1,496	1,374	1,189	996	1,165	134.6%	15.6%	-20.6%	-2.0%
55 - 59	602	757	1,136	1,285	1,288	1,177	1,003	834	25.7%	69.7%	-8.4%	-29.1%
60 - 64	668	504	676	993	1,136	1,118	1,034	864	-24.6%	97.1%	12.6%	-22.7%
65 - 69	716	490	512	675	1,016	1,144	1,157	1,053	-31.6%	37.8%	69.5%	-7.9%
70 - 74	590	550	495	517	697	1,050	1,204	1,213	-6.8%	-6.1%	103.2%	15.5%
75 - 79	451	556	524	471	496	672	1,017	1,179	23.3%	-15.3%	42.6%	75.5%
80 - 84	229	392	416	399	359	386	525	809	71.2%	1.9%	-3.4%	109.9%
85 - ...	159	274	312	349	352	338	346	439	72.3%	27.2%	-3.1%	29.8%
Total	15,537	15,994	16,278	16,528	16,914	17,393	17,942	18,451	2.9%	3.3%	5.2%	6.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

East Longmeadow

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	818	786	759	786	847	921	968	1,006	-3.9%	0.0%	17.3%	9.2%
5 - 9	914	960	849	822	845	913	986	1,039	5.0%	-14.3%	11.0%	13.8%
10 - 14	879	1,104	1,066	949	917	949	1,023	1,112	25.6%	-14.1%	0.0%	17.2%
15 - 19	837	921	971	942	833	809	832	902	10.0%	2.3%	-14.1%	11.4%
20 - 24	723	489	598	619	598	518	501	506	-32.4%	26.6%	-16.3%	-2.4%
25 - 29	724	493	504	612	644	620	549	528	-31.9%	24.1%	1.3%	-14.8%
30 - 34	995	807	642	657	801	844	816	722	-18.9%	-18.6%	28.6%	-14.5%
35 - 39	1,084	1,145	922	736	752	917	966	935	5.6%	-35.8%	24.7%	2.0%
40 - 44	998	1,278	1,232	1,000	796	821	1,002	1,064	28.1%	-21.8%	-17.9%	29.6%
45 - 49	830	1,159	1,251	1,212	976	782	800	980	39.6%	4.6%	-35.5%	25.3%
50 - 54	682	947	1,025	1,098	1,060	848	675	686	38.9%	16.0%	-22.8%	-19.0%
55 - 59	715	765	963	1,034	1,118	1,072	865	685	7.0%	35.2%	3.7%	-36.1%
60 - 64	722	592	733	926	1,005	1,091	1,056	855	-18.0%	56.5%	17.8%	-21.6%
65 - 69	733	588	577	721	911	997	1,083	1,058	-19.8%	22.5%	38.3%	6.1%
70 - 74	560	637	550	552	687	887	967	1,073	13.8%	-13.4%	60.8%	20.9%
75 - 79	427	632	571	506	499	637	811	905	48.0%	-20.0%	25.9%	42.2%
80 - 84	302	409	421	385	337	335	421	544	35.4%	-5.9%	-12.9%	62.2%
85 - ...	424	388	419	433	419	374	362	407	-8.5%	11.6%	-13.6%	8.6%
Total	13,367	14,100	14,052	13,989	14,046	14,336	14,682	15,007	5.5%	-0.8%	2.5%	4.7%

Goshen

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	65	42	40	41	46	49	54	54	-35.4%	-2.5%	20.4%	10.5%
5 - 9	63	52	45	42	44	48	54	58	-17.5%	-18.7%	14.3%	19.8%
10 - 14	38	59	58	51	49	53	58	67	55.3%	-13.8%	3.2%	27.7%
15 - 19	57	68	73	73	63	62	65	74	19.3%	7.2%	-15.1%	19.5%
20 - 24	61	21	22	19	19	13	13	10	-65.6%	-7.8%	-32.1%	-23.2%
25 - 29	56	40	47	48	51	50	43	41	-28.6%	21.2%	2.5%	-16.8%
30 - 34	71	75	63	74	76	83	82	72	5.6%	-1.6%	12.8%	-13.7%
35 - 39	105	79	67	55	63	64	68	65	-24.8%	-30.8%	17.5%	1.2%
40 - 44	63	101	92	81	68	80	83	91	60.3%	-19.9%	-0.7%	13.7%
45 - 49	61	96	97	89	76	63	73	76	57.4%	-7.3%	-29.4%	20.7%
50 - 54	50	75	85	82	76	62	52	58	50.0%	9.9%	-24.7%	-7.0%
55 - 59	21	68	102	123	123	120	102	90	223.8%	80.8%	-2.6%	-24.9%
60 - 64	36	47	63	97	112	116	108	95	30.6%	107.2%	19.3%	-18.0%
65 - 69	24	17	18	24	35	40	39	35	-29.2%	38.3%	68.1%	-10.4%
70 - 74	26	36	33	36	49	76	85	87	38.5%	-0.4%	112.2%	14.2%
75 - 79	15	18	17	15	16	21	32	37	20.0%	-16.8%	42.0%	76.4%
80 - 84	11	17	18	17	15	16	22	34	54.5%	0.6%	-4.9%	106.7%
85 - ...	7	10	11	12	12	12	12	15	42.9%	22.3%	-4.8%	29.0%
Total	830	921	951	980	994	1,028	1,046	1,060	11.0%	6.4%	5.0%	3.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Granby

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	360	345	332	352	391	443	483	514	-4.2%	2.0%	26.0%	15.8%
5 - 9	385	468	404	395	415	470	528	586	21.6%	-15.5%	18.9%	24.6%
10 - 14	395	444	435	372	358	374	416	464	12.4%	-16.2%	0.4%	24.1%
15 - 19	371	436	466	468	403	397	417	474	17.5%	7.4%	-15.2%	19.4%
20 - 24	333	300	309	331	325	279	269	282	-9.9%	10.2%	-15.6%	1.2%
25 - 29	429	287	329	337	359	347	300	285	-33.1%	17.4%	3.1%	-17.9%
30 - 34	538	443	371	427	442	471	461	398	-17.7%	-3.7%	10.5%	-15.5%
35 - 39	523	558	474	403	463	486	518	514	6.7%	-27.8%	20.5%	5.8%
40 - 44	457	589	539	465	390	454	469	508	28.9%	-21.1%	-2.4%	12.0%
45 - 49	331	541	541	495	421	353	405	419	63.4%	-8.5%	-28.7%	18.5%
50 - 54	288	452	513	500	459	380	319	356	56.9%	10.6%	-24.1%	-6.2%
55 - 59	275	316	474	532	535	485	414	339	14.9%	68.3%	-8.7%	-30.1%
60 - 64	283	237	318	473	541	538	497	421	-16.3%	99.6%	13.8%	-21.8%
65 - 69	215	230	240	331	498	581	584	550	7.0%	43.8%	75.8%	-5.3%
70 - 74	175	200	181	192	259	397	455	466	14.3%	-4.1%	107.0%	17.3%
75 - 79	112	136	128	116	122	165	250	288	21.4%	-14.9%	42.4%	74.7%
80 - 84	57	87	92	87	79	84	114	175	52.6%	0.2%	-3.8%	108.2%
85 - ...	38	63	72	80	80	77	79	100	65.8%	26.3%	-3.3%	29.5%
Total	5,565	6,132	6,218	6,355	6,540	6,782	6,979	7,138	10.2%	3.6%	6.7%	5.3%

Granville

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	113	96	93	95	102	110	116	119	-15.0%	-1.1%	15.9%	7.9%
5 - 9	113	113	100	96	99	106	115	120	0.0%	-14.8%	10.5%	13.3%
10 - 14	104	138	133	119	115	120	129	141	32.7%	-13.8%	0.6%	17.8%
15 - 19	108	104	110	105	93	89	91	98	-3.7%	1.0%	-15.3%	9.9%
20 - 24	49	44	54	57	55	49	48	50	-10.2%	30.5%	-13.8%	0.6%
25 - 29	98	68	70	85	89	86	76	74	-30.6%	24.8%	1.6%	-14.6%
30 - 34	143	74	59	57	69	69	66	55	-48.3%	-23.2%	20.6%	-19.8%
35 - 39	149	163	131	105	107	132	139	135	9.4%	-35.7%	25.6%	2.4%
40 - 44	114	168	162	133	106	110	135	145	47.4%	-20.9%	-17.0%	31.3%
45 - 49	106	127	137	131	105	83	85	102	19.8%	2.9%	-36.6%	23.4%
50 - 54	54	123	133	149	143	119	95	101	127.8%	20.8%	-19.6%	-15.7%
55 - 59	63	95	120	133	143	142	114	93	50.8%	39.6%	6.9%	-34.4%
60 - 64	63	42	52	64	70	74	72	57	-33.3%	53.2%	15.4%	-23.6%
65 - 69	45	57	56	72	91	102	111	112	26.7%	25.7%	42.4%	9.4%
70 - 74	25	52	45	47	58	77	84	96	108.0%	-10.3%	66.0%	24.5%
75 - 79	22	30	27	24	24	30	39	43	36.4%	-20.5%	27.5%	42.3%
80 - 84	14	17	17	16	14	14	17	22	21.4%	-7.2%	-13.0%	61.1%
85 - ...	20	10	11	10	10	8	7	7	-50.0%	1.6%	-23.7%	-10.5%
Total	1,403	1,521	1,509	1,496	1,494	1,521	1,540	1,569	8.4%	-1.6%	1.6%	3.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Hadley

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	216	222	214	228	253	289	315	337	2.8%	2.6%	26.8%	16.5%
5 - 9	251	258	223	215	226	252	283	309	2.8%	-16.7%	17.1%	22.8%
10 - 14	183	284	278	245	236	253	282	323	55.2%	-13.7%	3.3%	27.7%
15 - 19	216	287	306	309	267	265	278	319	32.9%	7.8%	-14.4%	20.3%
20 - 24	356	245	252	262	257	214	206	209	-31.2%	6.8%	-18.3%	-2.1%
25 - 29	310	242	278	289	308	303	262	253	-21.9%	19.6%	4.6%	-16.5%
30 - 34	355	281	237	270	278	297	291	250	-20.8%	-4.0%	10.0%	-15.8%
35 - 39	415	395	336	282	324	337	359	352	-4.8%	-28.5%	19.2%	4.7%
40 - 44	341	410	377	323	270	314	325	349	20.2%	-21.2%	-2.9%	11.4%
45 - 49	250	438	439	407	346	291	336	351	75.2%	-7.2%	-28.4%	20.5%
50 - 54	179	341	388	388	357	303	253	291	90.5%	13.7%	-22.0%	-3.9%
55 - 59	175	271	407	469	470	437	372	316	54.9%	73.0%	-6.8%	-27.6%
60 - 64	216	182	244	363	416	414	383	324	-15.7%	99.7%	13.9%	-21.9%
65 - 69	242	188	196	263	395	452	458	424	-22.3%	39.7%	72.2%	-6.1%
70 - 74	235	198	177	183	247	367	423	423	-15.7%	-7.5%	100.3%	15.2%
75 - 79	153	210	198	182	191	263	399	462	37.3%	-13.2%	44.2%	75.9%
80 - 84	78	181	191	188	170	186	253	398	132.1%	3.8%	-1.0%	114.4%
85 - ...	60	160	183	211	214	211	216	280	166.7%	32.2%	-0.3%	32.6%
Total	4,231	4,793	4,925	5,077	5,225	5,445	5,692	5,970	13.3%	5.9%	7.3%	9.6%

Hampden

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	257	274	265	276	298	327	344	360	6.6%	0.8%	18.3%	10.2%
5 - 9	343	382	338	329	338	367	397	420	11.4%	-13.9%	11.6%	14.4%
10 - 14	314	445	430	386	374	390	421	462	41.7%	-13.2%	1.0%	18.4%
15 - 19	326	375	395	385	341	332	341	372	15.0%	2.6%	-13.7%	11.8%
20 - 24	297	155	190	190	183	153	148	143	-47.8%	22.4%	-19.5%	-6.3%
25 - 29	271	149	152	180	189	177	157	147	-45.0%	20.6%	-1.4%	-17.0%
30 - 34	352	285	227	232	283	298	288	255	-19.0%	-18.6%	28.5%	-14.5%
35 - 39	427	420	338	268	274	332	349	335	-1.6%	-36.1%	23.6%	1.2%
40 - 44	430	537	518	419	333	343	419	445	24.9%	-22.0%	-18.1%	29.7%
45 - 49	383	478	516	494	398	314	322	390	24.8%	3.4%	-36.5%	24.4%
50 - 54	300	404	437	466	450	359	287	290	34.7%	15.5%	-23.0%	-19.2%
55 - 59	248	323	407	445	481	470	380	307	30.2%	37.7%	5.7%	-34.7%
60 - 64	210	260	322	421	457	512	495	413	23.8%	61.7%	21.7%	-19.3%
65 - 69	153	193	189	245	309	349	379	382	26.1%	26.8%	42.8%	9.4%
70 - 74	123	183	158	162	201	265	289	326	48.8%	-11.6%	63.7%	23.0%
75 - 79	107	113	102	88	87	108	137	149	5.6%	-22.5%	22.8%	38.2%
80 - 84	79	93	96	86	75	74	93	118	17.7%	-7.4%	-14.2%	59.7%
85 - ...	89	102	110	117	113	104	100	116	14.6%	14.7%	-11.3%	12.0%
Total	4,709	5,171	5,188	5,188	5,185	5,273	5,345	5,430	9.8%	0.3%	1.6%	3.0%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Hatfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	164	154	148	157	174	197	215	228	-6.1%	1.8%	25.8%	15.6%
5 - 9	203	203	175	168	177	197	221	241	0.0%	-17.1%	16.8%	22.5%
10 - 14	172	195	191	164	158	164	183	204	13.4%	-16.1%	0.5%	24.3%
15 - 19	193	194	207	205	177	172	180	203	0.5%	5.7%	-16.2%	18.0%
20 - 24	166	102	105	107	105	86	83	82	-38.6%	5.1%	-19.8%	-4.1%
25 - 29	223	152	175	179	191	185	160	152	-31.8%	18.1%	3.1%	-17.7%
30 - 34	283	197	166	186	192	202	198	168	-30.4%	-5.4%	8.4%	-17.1%
35 - 39	304	229	195	159	184	186	198	189	-24.7%	-30.7%	17.4%	1.3%
40 - 44	306	307	282	237	199	226	234	246	0.3%	-22.8%	-4.8%	9.2%
45 - 49	229	317	316	285	242	200	229	232	38.4%	-10.2%	-29.8%	16.4%
50 - 54	150	314	358	361	333	286	239	278	109.3%	15.1%	-20.8%	-2.8%
55 - 59	149	210	315	360	360	332	282	238	40.9%	71.3%	-7.8%	-28.1%
60 - 64	133	131	176	267	302	304	278	237	-1.5%	103.7%	13.8%	-21.9%
65 - 69	185	129	135	178	268	301	303	275	-30.3%	38.1%	69.1%	-8.8%
70 - 74	146	135	122	127	171	257	295	297	-7.5%	-6.1%	103.0%	15.3%
75 - 79	91	143	135	124	130	180	272	322	57.1%	-13.5%	45.5%	79.0%
80 - 84	55	85	90	86	77	82	112	171	54.5%	0.7%	-4.0%	108.3%
85 - ...	32	52	59	66	67	64	65	82	62.5%	26.8%	-3.5%	29.0%
Total	3,184	3,249	3,350	3,415	3,506	3,621	3,747	3,846	2.0%	5.1%	6.0%	6.2%

Holland

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	202	144	139	140	151	159	167	167	-28.7%	-3.0%	13.5%	5.6%
5 - 9	174	208	184	180	185	202	219	233	19.5%	-13.4%	12.3%	15.1%
10 - 14	183	221	214	190	183	189	204	221	20.8%	-14.1%	-0.5%	16.8%
15 - 19	130	145	153	149	131	128	131	142	11.5%	2.4%	-14.0%	11.5%
20 - 24	99	89	108	115	111	100	96	100	-10.1%	29.3%	-13.4%	0.4%
25 - 29	193	108	111	132	139	130	115	108	-44.0%	21.8%	-0.8%	-16.8%
30 - 34	246	166	132	133	161	166	161	140	-32.5%	-20.2%	25.4%	-16.1%
35 - 39	249	269	216	173	177	217	228	221	8.0%	-35.7%	25.3%	2.2%
40 - 44	169	253	244	201	160	167	203	219	49.7%	-20.7%	-16.8%	31.2%
45 - 49	131	223	240	237	191	155	158	198	70.2%	6.3%	-34.8%	28.1%
50 - 54	72	178	193	216	209	175	139	148	147.2%	21.4%	-19.3%	-15.4%
55 - 59	70	125	157	177	191	191	154	126	78.6%	41.4%	8.0%	-34.0%
60 - 64	83	71	88	111	121	132	127	104	-14.5%	57.0%	18.1%	-21.2%
65 - 69	63	77	76	99	124	141	153	154	22.2%	28.0%	43.1%	9.1%
70 - 74	53	51	44	43	54	69	75	82	-3.8%	-14.9%	58.2%	18.9%
75 - 79	36	36	33	28	27	34	43	46	0.0%	-23.2%	21.7%	36.6%
80 - 84	18	28	29	27	23	24	30	39	55.6%	-5.1%	-10.6%	65.1%
85 - ...	14	15	16	17	16	14	14	16	7.1%	10.4%	-12.9%	13.3%
Total	2,185	2,407	2,376	2,365	2,354	2,390	2,417	2,464	10.2%	-1.7%	1.1%	3.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Holyoke

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	4,109	3,156	3,049	3,084	3,323	3,532	3,713	3,768	-23.2%	-2.3%	14.6%	6.7%
5 - 9	3,644	3,319	2,934	2,800	2,877	3,061	3,306	3,430	-8.9%	-15.6%	9.3%	12.1%
10 - 14	3,174	3,393	3,276	2,868	2,773	2,821	3,042	3,252	6.9%	-15.5%	-1.6%	15.3%
15 - 19	2,967	2,995	3,154	3,036	2,686	2,588	2,659	2,858	0.9%	1.4%	-14.8%	10.4%
20 - 24	3,380	2,443	2,974	3,098	2,994	2,624	2,536	2,579	-27.7%	26.8%	-15.3%	-1.7%
25 - 29	3,595	2,487	2,542	3,089	3,252	3,135	2,775	2,676	-30.8%	24.2%	1.5%	-14.6%
30 - 34	3,360	2,701	2,151	2,198	2,676	2,815	2,721	2,410	-19.6%	-18.6%	28.1%	-14.4%
35 - 39	2,694	2,849	2,293	1,829	1,871	2,283	2,404	2,329	5.8%	-35.8%	24.8%	2.0%
40 - 44	2,386	2,656	2,561	2,050	1,632	1,660	2,025	2,122	11.3%	-22.8%	-19.0%	27.8%
45 - 49	2,007	2,322	2,506	2,380	1,917	1,504	1,540	1,848	15.7%	2.5%	-36.8%	22.8%
50 - 54	1,602	2,245	2,426	2,604	2,514	2,013	1,606	1,634	40.1%	16.0%	-22.7%	-18.9%
55 - 59	1,635	1,707	2,149	2,300	2,488	2,379	1,920	1,517	4.4%	34.8%	3.4%	-36.2%
60 - 64	1,825	1,364	1,687	2,112	2,289	2,461	2,383	1,912	-25.3%	54.8%	16.5%	-22.3%
65 - 69	1,908	1,292	1,269	1,559	1,971	2,121	2,304	2,213	-32.3%	20.6%	36.1%	4.3%
70 - 74	1,797	1,381	1,192	1,151	1,431	1,780	1,939	2,071	-23.1%	-16.7%	54.7%	16.3%
75 - 79	1,457	1,333	1,203	1,016	1,002	1,216	1,549	1,645	-8.5%	-23.8%	19.7%	35.3%
80 - 84	1,088	1,057	1,087	959	839	807	1,015	1,262	-2.8%	-9.3%	-15.8%	56.4%
85 - ...	1,076	1,138	1,229	1,291	1,250	1,135	1,098	1,259	5.8%	13.4%	-12.1%	10.9%
Total	43,704	39,838	39,682	39,422	39,783	39,936	40,535	40,786	-8.8%	-1.0%	1.3%	2.1%

Huntington

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	160	122	117	121	135	149	163	169	-23.8%	-0.5%	23.1%	13.1%
5 - 9	180	159	137	130	137	150	169	181	-11.7%	-18.2%	15.2%	20.8%
10 - 14	144	201	197	172	166	176	196	223	39.6%	-14.4%	2.5%	26.7%
15 - 19	148	171	183	183	157	155	163	185	15.5%	6.8%	-15.3%	19.3%
20 - 24	104	89	92	98	96	82	79	82	-14.4%	9.7%	-16.1%	0.5%
25 - 29	151	106	122	125	133	130	112	107	-29.8%	18.0%	3.5%	-17.6%
30 - 34	183	157	132	152	157	169	165	143	-14.2%	-3.3%	11.0%	-15.1%
35 - 39	180	202	171	147	168	176	189	188	12.2%	-27.2%	19.9%	6.6%
40 - 44	175	188	172	146	123	140	145	155	7.4%	-22.2%	-4.0%	10.1%
45 - 49	146	186	186	165	140	115	131	131	27.4%	-11.3%	-30.6%	14.7%
50 - 54	77	162	184	186	171	147	123	143	110.4%	14.9%	-20.9%	-2.7%
55 - 59	65	152	228	270	269	257	218	191	133.8%	77.5%	-4.8%	-25.5%
60 - 64	59	68	91	140	159	163	149	130	15.3%	106.2%	16.0%	-20.3%
65 - 69	84	63	66	88	132	150	150	138	-25.0%	39.2%	70.5%	-7.9%
70 - 74	58	45	40	41	56	82	94	93	-22.4%	-8.3%	98.2%	13.8%
75 - 79	41	52	49	44	47	63	96	111	26.8%	-14.7%	42.9%	75.5%
80 - 84	19	28	30	28	25	26	36	54	47.4%	0.9%	-6.3%	104.7%
85 - ...	13	23	26	28	29	28	28	37	76.9%	23.6%	-3.0%	32.4%
Total	1,987	2,174	2,224	2,265	2,299	2,357	2,406	2,461	9.4%	4.2%	4.1%	4.4%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Longmeadow

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	820	966	933	982	1,059	1,171	1,231	1,299	17.8%	1.7%	19.2%	10.9%
5 - 9	1,045	1,197	1,059	1,034	1,062	1,157	1,249	1,327	14.5%	-13.7%	11.9%	14.7%
10 - 14	1,132	1,294	1,250	1,102	1,065	1,092	1,177	1,268	14.3%	-14.8%	-0.9%	16.1%
15 - 19	1,327	1,036	1,090	1,018	901	841	865	899	-21.9%	-1.7%	-17.4%	6.9%
20 - 24	773	419	509	509	492	415	401	390	-45.8%	21.6%	-18.5%	-6.0%
25 - 29	551	319	326	388	408	385	341	322	-42.1%	21.6%	-0.7%	-16.4%
30 - 34	786	688	548	564	687	729	705	629	-12.5%	-18.0%	29.1%	-13.7%
35 - 39	1,194	1,142	919	726	742	896	944	904	-4.4%	-36.4%	23.5%	0.9%
40 - 44	1,467	1,295	1,249	972	775	765	932	947	-11.7%	-24.9%	-21.3%	23.7%
45 - 49	1,267	1,393	1,503	1,419	1,143	891	912	1,088	9.9%	1.9%	-37.2%	22.0%
50 - 54	1,005	1,346	1,455	1,554	1,500	1,195	953	965	33.9%	15.4%	-23.1%	-19.3%
55 - 59	905	1,024	1,289	1,392	1,505	1,452	1,172	934	13.1%	35.9%	4.3%	-35.7%
60 - 64	832	729	903	1,147	1,245	1,360	1,316	1,072	-12.4%	57.4%	18.5%	-21.2%
65 - 69	725	628	618	778	984	1,085	1,178	1,159	-13.4%	23.9%	39.5%	6.8%
70 - 74	587	644	556	557	694	894	975	1,079	9.7%	-13.5%	60.4%	20.7%
75 - 79	431	571	515	453	446	563	718	793	32.5%	-20.7%	24.5%	40.8%
80 - 84	311	440	453	416	364	363	456	591	41.5%	-5.5%	-12.6%	62.7%
85 - ...	309	502	539	587	568	535	518	618	62.5%	16.9%	-8.9%	15.7%
Total	15,467	15,633	15,714	15,598	15,640	15,788	16,042	16,282	1.1%	-0.2%	1.2%	3.1%

Ludlow

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	1,096	1,040	1,004	1,038	1,118	1,216	1,278	1,326	-5.1%	-0.2%	17.1%	9.1%
5 - 9	1,196	1,191	1,053	1,014	1,042	1,120	1,210	1,268	-0.4%	-14.8%	10.4%	13.2%
10 - 14	1,199	1,402	1,354	1,196	1,157	1,188	1,281	1,383	16.9%	-14.7%	-0.7%	16.4%
15 - 19	1,272	1,402	1,479	1,435	1,267	1,233	1,267	1,373	10.2%	2.4%	-14.1%	11.4%
20 - 24	1,298	1,348	1,658	1,796	1,731	1,559	1,511	1,588	3.9%	33.2%	-13.2%	1.9%
25 - 29	1,450	1,323	1,355	1,698	1,793	1,769	1,561	1,544	-8.8%	28.3%	4.2%	-12.7%
30 - 34	1,510	1,593	1,264	1,324	1,620	1,749	1,689	1,526	5.5%	-16.9%	32.1%	-12.8%
35 - 39	1,442	1,873	1,506	1,220	1,249	1,556	1,642	1,617	29.9%	-34.9%	27.6%	3.9%
40 - 44	1,424	1,849	1,783	1,448	1,151	1,189	1,453	1,547	29.8%	-21.7%	-17.8%	30.0%
45 - 49	1,199	1,587	1,712	1,650	1,328	1,055	1,081	1,320	32.4%	4.0%	-36.1%	25.1%
50 - 54	1,029	1,375	1,489	1,588	1,533	1,220	971	983	33.6%	15.5%	-23.2%	-19.4%
55 - 59	944	1,128	1,420	1,543	1,668	1,617	1,305	1,044	19.5%	36.8%	4.9%	-35.5%
60 - 64	1,012	931	1,153	1,472	1,598	1,752	1,697	1,387	-8.0%	58.1%	19.0%	-20.8%
65 - 69	1,045	799	785	977	1,235	1,347	1,462	1,423	-23.5%	22.2%	37.9%	5.7%
70 - 74	820	826	713	708	880	1,126	1,226	1,348	0.7%	-14.3%	59.1%	19.7%
75 - 79	457	782	706	632	623	801	1,021	1,148	71.1%	-19.2%	26.7%	43.3%
80 - 84	248	482	496	467	409	417	524	694	94.4%	-3.2%	-10.6%	66.4%
85 - ...	179	278	298	322	311	292	283	338	55.3%	15.8%	-9.4%	15.9%
Total	18,820	21,209	21,225	21,527	21,713	22,207	22,460	22,858	12.7%	1.5%	3.2%	2.9%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Northampton

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	1,412	1,189	1,144	1,197	1,331	1,490	1,624	1,705	-15.8%	0.7%	24.5%	14.4%
5 - 9	1,467	1,353	1,166	1,113	1,169	1,289	1,449	1,566	-7.8%	-17.7%	15.8%	21.5%
10 - 14	1,353	1,522	1,490	1,275	1,228	1,281	1,424	1,590	12.5%	-16.2%	0.4%	24.1%
15 - 19	2,432	2,331	2,447	2,405	2,149	2,091	2,172	2,367	-4.2%	3.2%	-13.1%	13.2%
20 - 24	3,569	2,979	3,051	3,144	3,092	2,776	2,708	2,761	-16.5%	5.5%	-11.7%	-0.5%
25 - 29	2,679	2,058	2,362	2,450	2,614	2,563	2,213	2,135	-23.2%	19.1%	4.6%	-16.7%
30 - 34	2,468	2,040	1,709	1,965	2,034	2,172	2,124	1,836	-17.3%	-3.7%	10.5%	-15.4%
35 - 39	2,616	2,242	1,907	1,584	1,821	1,871	1,996	1,936	-14.3%	-29.4%	18.2%	3.4%
40 - 44	2,366	2,331	2,142	1,801	1,505	1,713	1,775	1,869	-1.5%	-22.7%	-4.9%	9.1%
45 - 49	1,467	2,487	2,493	2,302	1,961	1,642	1,895	1,973	69.5%	-7.4%	-28.7%	20.1%
50 - 54	1,067	2,244	2,550	2,572	2,363	2,026	1,697	1,967	110.3%	14.6%	-21.2%	-2.9%
55 - 59	1,021	1,261	1,893	2,136	2,143	1,956	1,668	1,383	23.5%	69.4%	-8.4%	-29.3%
60 - 64	1,106	948	1,273	1,900	2,164	2,155	1,984	1,679	-14.3%	100.4%	13.4%	-22.1%
65 - 69	1,104	839	876	1,170	1,761	2,002	2,019	1,855	-24.0%	39.4%	71.1%	-7.3%
70 - 74	1,088	877	789	810	1,093	1,619	1,857	1,840	-19.4%	-7.6%	99.8%	13.7%
75 - 79	838	843	794	699	735	975	1,477	1,671	0.6%	-17.1%	39.5%	71.4%
80 - 84	611	752	798	741	666	692	942	1,405	23.1%	-1.4%	-6.6%	103.0%
85 - ...	625	682	783	837	848	771	788	943	9.1%	22.7%	-7.9%	22.4%
Total	29,289	28,978	29,666	30,101	30,677	31,084	31,811	32,480	-1.1%	3.9%	3.3%	4.5%

Middlefield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	23	28	27	29	32	37	41	44	21.7%	3.8%	28.3%	17.9%
5 - 9	34	38	33	32	33	38	42	47	11.8%	-16.1%	18.1%	23.8%
10 - 14	29	33	32	28	27	28	31	35	13.8%	-16.1%	0.8%	24.4%
15 - 19	24	41	44	45	39	39	41	48	70.8%	10.1%	-13.4%	21.9%
20 - 24	15	17	18	19	19	16	16	17	13.3%	12.6%	-13.9%	3.1%
25 - 29	15	24	27	30	32	33	28	28	60.0%	23.3%	10.4%	-13.1%
30 - 34	37	33	28	32	33	36	35	30	-10.8%	-3.0%	11.3%	-14.8%
35 - 39	43	53	45	39	45	47	50	50	23.3%	-27.0%	22.4%	6.6%
40 - 44	39	59	54	47	40	47	49	53	51.3%	-19.7%	-1.2%	13.3%
45 - 49	28	54	54	50	42	36	41	43	92.9%	-8.0%	-27.1%	19.2%
50 - 54	25	53	60	61	56	48	40	47	112.0%	15.1%	-20.7%	-2.6%
55 - 59	19	38	57	67	67	64	54	47	100.0%	76.4%	-4.9%	-26.4%
60 - 64	19	19	26	39	44	43	39	33	0.0%	105.0%	11.3%	-23.6%
65 - 69	13	10	10	14	21	24	24	21	-23.1%	39.5%	69.6%	-9.7%
70 - 74	8	17	15	17	22	35	41	44	112.5%	-2.1%	112.9%	24.7%
75 - 79	5	15	14	13	14	20	30	37	200.0%	-12.5%	50.4%	86.8%
80 - 84	12	7	7	6	5	5	6	7	-41.7%	-19.3%	-19.0%	61.1%
85 - ...	4	3	3	3	3	3	3	3	-25.0%	3.3%	-15.9%	17.9%
Total	392	542	555	570	574	599	611	635	38.3%	5.1%	5.1%	6.1%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Monson

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	488	522	504	526	567	623	655	686	7.0%	0.8%	18.3%	10.2%
5 - 9	591	575	508	488	502	538	581	607	-2.7%	-15.1%	10.1%	12.9%
10 - 14	545	634	612	541	523	537	579	624	16.3%	-14.7%	-0.7%	16.3%
15 - 19	467	583	614	603	533	524	538	589	24.8%	3.4%	-13.1%	12.6%
20 - 24	435	353	431	455	439	389	376	387	-18.9%	28.8%	-14.5%	-0.5%
25 - 29	561	399	408	499	526	509	449	435	-28.9%	25.1%	1.9%	-14.4%
30 - 34	770	574	457	463	564	589	570	500	-25.5%	-19.3%	27.2%	-15.1%
35 - 39	756	800	644	514	525	641	675	654	5.8%	-35.8%	24.8%	2.0%
40 - 44	676	844	814	658	524	539	658	698	24.9%	-22.0%	-18.1%	29.4%
45 - 49	517	727	784	760	612	489	501	616	40.6%	4.6%	-35.7%	25.9%
50 - 54	409	621	672	727	702	566	451	463	51.8%	17.0%	-22.1%	-18.2%
55 - 59	326	477	600	664	718	708	571	465	46.3%	39.1%	6.7%	-34.3%
60 - 64	320	335	415	535	582	644	624	514	4.7%	59.8%	20.3%	-20.1%
65 - 69	317	250	245	306	387	423	459	448	-21.1%	22.4%	38.2%	6.0%
70 - 74	247	229	198	195	243	308	336	367	-7.3%	-14.8%	58.1%	18.9%
75 - 79	177	206	186	161	159	198	252	275	16.4%	-21.7%	22.8%	39.0%
80 - 84	98	139	143	131	115	114	144	186	41.8%	-5.7%	-12.7%	62.5%
85 - ...	76	91	98	104	101	93	90	105	19.7%	14.5%	-11.1%	12.8%
Total	7,776	8,359	8,333	8,331	8,321	8,432	8,509	8,620	7.5%	-0.3%	1.2%	2.2%

Montgomery

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	47	29	28	27	30	30	32	31	-38.3%	-5.3%	11.1%	3.2%
5 - 9	46	44	39	37	38	41	44	46	-4.3%	-15.3%	9.9%	12.7%
10 - 14	69	47	45	37	36	34	37	36	-31.9%	-20.7%	-8.4%	6.7%
15 - 19	58	40	42	39	34	31	32	33	-31.0%	-3.4%	-19.1%	4.5%
20 - 24	39	19	23	23	23	18	18	17	-51.3%	23.1%	-21.1%	-7.1%
25 - 29	44	17	17	20	21	18	16	14	-61.4%	15.4%	-7.1%	-23.0%
30 - 34	62	42	33	34	41	42	41	35	-32.3%	-20.1%	25.5%	-16.0%
35 - 39	69	54	43	34	34	40	42	40	-21.7%	-37.9%	20.1%	-1.8%
40 - 44	66	67	65	51	41	41	50	52	1.5%	-23.7%	-20.1%	27.5%
45 - 49	58	84	91	88	71	57	58	72	44.8%	4.9%	-35.2%	25.5%
50 - 54	56	58	63	65	63	48	38	37	3.6%	11.7%	-25.9%	-22.4%
55 - 59	21	47	59	67	73	73	59	49	123.8%	43.1%	9.2%	-33.1%
60 - 64	42	36	45	57	62	67	65	53	-14.3%	57.3%	18.5%	-21.4%
65 - 69	26	18	18	22	28	30	33	32	-30.8%	22.7%	36.8%	4.4%
70 - 74	29	23	20	19	24	30	32	35	-20.7%	-16.7%	54.8%	16.3%
75 - 79	11	16	14	13	13	16	21	23	45.5%	-20.0%	27.4%	42.9%
80 - 84	9	9	9	8	7	7	9	11	0.0%	-8.8%	-14.5%	58.5%
85 - ...	7	4	4	4	4	3	3	3	-42.9%	2.2%	-21.6%	-3.3%
Total	759	654	660	645	640	629	631	619	-13.8%	-1.4%	-2.5%	-1.5%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Palmer

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	801	693	669	686	739	796	837	861	-13.5%	-1.0%	16.1%	8.1%
5 - 9	850	903	798	774	796	860	929	980	6.2%	-14.3%	11.1%	13.9%
10 - 14	710	977	943	846	818	853	920	1,007	37.6%	-13.4%	0.8%	18.1%
15 - 19	726	865	912	892	787	771	793	865	19.1%	3.1%	-13.5%	12.2%
20 - 24	842	558	681	703	679	588	568	572	-33.7%	25.9%	-16.4%	-2.7%
25 - 29	1,081	666	681	818	862	820	726	691	-38.4%	22.9%	0.2%	-15.8%
30 - 34	1,108	933	742	762	929	983	950	844	-15.8%	-18.3%	29.0%	-14.1%
35 - 39	895	1,070	861	695	711	877	923	904	19.6%	-35.0%	26.2%	3.1%
40 - 44	850	1,146	1,105	901	717	743	906	967	34.8%	-21.4%	-17.5%	30.2%
45 - 49	621	899	970	943	759	609	624	767	44.8%	4.9%	-35.4%	26.0%
50 - 54	494	848	918	1,004	970	791	629	653	71.7%	18.4%	-21.3%	-17.4%
55 - 59	503	578	728	787	851	822	664	530	14.9%	36.1%	4.5%	-35.5%
60 - 64	583	421	521	650	706	756	732	584	-27.8%	54.4%	16.3%	-22.7%
65 - 69	661	448	439	539	682	733	796	764	-32.2%	20.3%	35.9%	4.3%
70 - 74	533	466	403	393	489	618	672	729	-12.6%	-15.6%	56.9%	18.0%
75 - 79	403	455	411	355	350	435	554	603	12.9%	-21.9%	22.4%	38.6%
80 - 84	211	322	332	306	269	269	338	441	52.6%	-4.8%	-12.1%	63.8%
85 - ...	182	249	269	289	280	260	252	296	36.8%	16.0%	-9.9%	13.9%
Total	12,054	12,497	12,383	12,344	12,393	12,584	12,813	13,060	3.7%	-1.2%	1.9%	3.8%

Pelham

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	92	55	53	53	59	63	69	69	-40.2%	-3.6%	18.9%	9.0%
5 - 9	92	91	79	75	79	88	99	108	-1.1%	-17.1%	16.7%	22.4%
10 - 14	90	110	108	93	90	94	105	118	22.2%	-15.5%	1.4%	25.2%
15 - 19	84	96	103	103	89	87	92	104	14.3%	7.6%	-15.5%	19.2%
20 - 24	84	82	84	91	90	77	75	79	-2.4%	11.0%	-15.0%	2.0%
25 - 29	119	51	58	55	59	53	46	40	-57.1%	8.8%	-3.6%	-24.4%
30 - 34	103	73	60	69	72	75	73	62	-29.1%	-5.3%	8.7%	-16.9%
35 - 39	148	87	74	59	67	65	69	64	-41.2%	-32.5%	10.6%	-1.8%
40 - 44	130	132	122	103	85	98	102	107	1.5%	-22.0%	-4.6%	9.4%
45 - 49	102	159	159	145	124	103	118	122	55.9%	-8.6%	-29.1%	18.4%
50 - 54	74	129	148	147	136	115	95	110	74.3%	14.0%	-21.6%	-4.5%
55 - 59	62	98	147	170	170	158	134	115	58.1%	73.0%	-6.9%	-27.4%
60 - 64	66	65	87	132	151	153	142	122	-1.5%	102.8%	16.1%	-20.0%
65 - 69	49	44	46	62	94	108	109	101	-10.2%	41.7%	73.4%	-6.7%
70 - 74	30	60	55	60	82	130	147	154	100.0%	0.5%	114.9%	18.7%
75 - 79	27	45	42	39	41	57	86	102	66.7%	-13.2%	45.8%	79.7%
80 - 84	8	17	18	17	16	17	24	38	112.5%	1.4%	1.1%	115.7%
85 - ...	13	9	10	9	9	8	8	9	-30.8%	5.3%	-16.7%	10.4%
Total	1,373	1,403	1,453	1,484	1,512	1,551	1,593	1,624	2.2%	5.8%	4.5%	4.7%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Plainfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	38	28	27	28	31	34	37	38	-26.3%	-0.8%	22.6%	12.7%
5 - 9	46	51	44	43	45	50	57	62	10.9%	-16.2%	17.9%	23.7%
10 - 14	42	42	41	35	33	34	38	42	0.0%	-17.5%	-1.4%	22.1%
15 - 19	39	37	40	39	34	33	34	38	-5.1%	6.0%	-16.8%	17.4%
20 - 24	24	13	13	13	13	10	10	10	-45.8%	2.9%	-21.7%	-6.8%
25 - 29	38	20	23	23	24	23	20	18	-47.4%	15.1%	-1.0%	-20.7%
30 - 34	54	25	21	22	23	23	22	17	-53.7%	-11.1%	1.4%	-23.1%
35 - 39	47	44	37	31	36	38	40	39	-6.4%	-28.9%	19.9%	4.1%
40 - 44	48	65	60	52	43	50	52	57	35.4%	-20.7%	-2.1%	12.3%
45 - 49	48	70	70	64	54	45	51	52	45.8%	-9.3%	-29.7%	17.5%
50 - 54	36	52	59	57	52	43	36	39	44.4%	9.2%	-25.1%	-7.4%
55 - 59	28	35	53	59	60	55	47	39	25.0%	70.0%	-7.9%	-29.4%
60 - 64	22	31	42	65	73	76	69	61	40.9%	109.5%	16.7%	-19.8%
65 - 69	26	27	28	39	58	68	68	64	3.8%	43.4%	75.1%	-5.8%
70 - 74	18	19	17	18	25	38	43	43	5.6%	-3.6%	106.8%	14.2%
75 - 79	10	15	14	13	14	19	29	34	50.0%	-10.8%	44.8%	75.3%
80 - 84	2	9	10	10	9	10	13	21	350.0%	7.1%	0.6%	118.2%
85 - ...	5	6	7	7	7	7	7	8	20.0%	18.0%	-6.2%	26.0%
Total	571	589	605	618	635	654	674	684	3.2%	4.9%	5.9%	4.5%

Russell

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	116	104	100	103	111	120	127	131	-10.3%	-0.7%	16.5%	8.5%
5 - 9	126	107	95	90	92	97	105	108	-15.1%	-16.4%	8.4%	11.1%
10 - 14	119	139	134	119	115	118	127	137	16.8%	-14.7%	-0.7%	16.4%
15 - 19	123	137	144	140	124	121	124	135	11.4%	2.3%	-13.9%	11.5%
20 - 24	110	76	93	97	93	81	78	79	-30.9%	27.1%	-16.0%	-2.0%
25 - 29	121	84	86	105	110	106	94	91	-30.6%	24.7%	1.6%	-14.6%
30 - 34	153	121	96	98	120	126	122	107	-20.9%	-18.8%	27.8%	-14.5%
35 - 39	149	149	120	95	97	118	125	120	0.0%	-36.4%	24.6%	1.5%
40 - 44	139	161	155	125	99	101	124	131	15.8%	-22.6%	-18.8%	29.2%
45 - 49	103	139	150	145	117	94	96	116	35.0%	4.3%	-35.3%	24.1%
50 - 54	64	125	135	150	144	119	95	99	95.3%	19.6%	-20.5%	-16.6%
55 - 59	64	90	113	125	135	133	107	87	40.6%	38.9%	6.3%	-34.8%
60 - 64	54	57	71	91	99	110	106	88	5.6%	59.9%	20.4%	-20.0%
65 - 69	52	66	65	84	106	120	130	131	26.9%	27.3%	43.0%	9.3%
70 - 74	43	37	32	31	39	49	53	57	-14.0%	-16.0%	56.4%	17.5%
75 - 79	27	35	32	28	27	35	44	49	29.6%	-20.7%	25.2%	41.3%
80 - 84	16	18	18	16	14	14	18	23	12.5%	-8.4%	-13.1%	60.1%
85 - ...	15	12	13	13	13	11	11	12	-20.0%	10.6%	-14.4%	3.0%
Total	1,594	1,657	1,653	1,654	1,656	1,673	1,685	1,700	4.0%	-0.2%	1.1%	1.7%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

South Hadley

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	895	783	753	791	879	988	1,077	1,135	-12.5%	1.0%	25.0%	14.8%
5 - 9	857	945	814	791	831	933	1,048	1,153	10.3%	-16.3%	17.9%	23.6%
10 - 14	827	1,015	995	858	827	870	968	1,090	22.7%	-15.4%	1.4%	25.3%
15 - 19	1,625	1,616	1,689	1,647	1,491	1,442	1,490	1,587	-0.6%	1.9%	-12.5%	10.1%
20 - 24	1,935	1,588	1,632	1,702	1,667	1,515	1,474	1,524	-17.9%	7.1%	-11.0%	0.7%
25 - 29	1,239	777	896	911	970	928	803	757	-37.3%	17.2%	1.9%	-18.5%
30 - 34	1,258	1,010	847	970	1,004	1,069	1,046	901	-19.7%	-3.9%	10.2%	-15.7%
35 - 39	1,200	1,286	1,093	929	1,067	1,120	1,195	1,184	7.2%	-27.8%	20.6%	5.7%
40 - 44	1,079	1,333	1,224	1,052	880	1,023	1,059	1,141	23.5%	-21.1%	-2.8%	11.5%
45 - 49	846	1,199	1,202	1,088	926	762	878	896	41.7%	-9.3%	-30.0%	17.7%
50 - 54	727	1,101	1,255	1,223	1,127	933	778	872	51.4%	11.1%	-23.7%	-6.5%
55 - 59	776	854	1,281	1,429	1,436	1,294	1,104	901	10.1%	67.4%	-9.4%	-30.4%
60 - 64	839	698	937	1,392	1,592	1,586	1,466	1,240	-16.8%	99.4%	13.9%	-21.8%
65 - 69	825	695	726	979	1,474	1,695	1,710	1,588	-15.8%	40.9%	73.0%	-6.3%
70 - 74	746	752	674	709	956	1,450	1,668	1,698	0.8%	-5.7%	104.4%	17.1%
75 - 79	508	658	620	562	591	806	1,220	1,418	29.5%	-14.6%	43.3%	76.0%
80 - 84	267	518	549	533	479	520	708	1,103	94.0%	2.8%	-2.4%	112.0%
85 - ...	236	368	420	466	471	448	458	575	55.9%	26.6%	-3.9%	28.5%
Total	16,685	17,196	17,606	18,032	18,670	19,380	20,150	20,764	3.1%	4.9%	7.5%	7.1%

Southampton

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	286	297	286	305	339	387	421	451	3.8%	2.6%	26.9%	16.6%
5 - 9	360	419	361	353	370	418	469	519	16.4%	-15.9%	18.5%	24.2%
10 - 14	336	395	386	333	320	336	373	419	17.6%	-15.8%	0.9%	24.8%
15 - 19	331	392	419	420	362	357	375	426	18.4%	7.2%	-15.1%	19.5%
20 - 24	277	210	216	227	223	188	181	187	-24.2%	8.2%	-17.2%	-0.7%
25 - 29	284	196	224	230	245	238	206	196	-31.0%	17.3%	3.6%	-17.7%
30 - 34	350	409	343	405	420	461	451	400	16.9%	-0.9%	13.6%	-13.1%
35 - 39	487	460	391	329	377	391	418	410	-5.5%	-28.5%	19.0%	4.7%
40 - 44	477	501	460	389	326	372	386	409	5.0%	-22.4%	-4.2%	9.9%
45 - 49	305	573	573	533	453	384	442	463	87.9%	-7.0%	-27.8%	20.5%
50 - 54	229	484	551	557	513	441	368	429	111.4%	15.2%	-20.8%	-2.8%
55 - 59	169	312	469	547	548	517	440	379	84.6%	75.2%	-5.5%	-26.7%
60 - 64	153	203	273	423	481	495	455	398	32.7%	108.3%	17.2%	-19.6%
65 - 69	163	148	154	210	316	365	367	341	-9.2%	41.9%	73.7%	-6.4%
70 - 74	124	134	120	127	172	262	301	308	8.1%	-5.0%	105.6%	17.7%
75 - 79	72	116	109	100	105	146	221	262	61.1%	-13.6%	45.7%	79.6%
80 - 84	48	74	78	74	67	71	97	148	54.2%	0.4%	-4.3%	107.6%
85 - ...	27	64	73	83	83	82	84	109	137.0%	29.2%	-0.9%	33.1%
Total	4,478	5,387	5,486	5,644	5,721	5,910	6,054	6,254	20.3%	4.8%	4.7%	5.8%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Southwick

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	539	558	539	562	605	663	697	728	3.5%	0.6%	18.0%	9.9%
5 - 9	615	654	578	561	576	623	673	710	6.3%	-14.3%	11.1%	14.0%
10 - 14	589	696	672	595	575	591	638	689	18.2%	-14.5%	-0.6%	16.6%
15 - 19	559	624	658	639	565	550	565	613	11.6%	2.4%	-14.0%	11.5%
20 - 24	481	371	454	477	461	405	392	402	-22.9%	28.7%	-15.1%	-0.9%
25 - 29	587	376	385	465	490	468	414	396	-35.9%	23.6%	0.7%	-15.4%
30 - 34	778	635	505	517	631	665	643	569	-18.4%	-18.6%	28.6%	-14.4%
35 - 39	726	908	730	591	605	750	790	776	25.1%	-34.9%	26.9%	3.5%
40 - 44	652	928	895	732	582	606	741	794	42.3%	-21.1%	-17.2%	31.0%
45 - 49	469	721	778	760	611	492	505	625	53.7%	5.4%	-35.2%	26.9%
50 - 54	322	575	622	683	659	540	430	448	78.6%	18.7%	-21.0%	-17.1%
55 - 59	305	447	562	623	673	664	535	435	46.6%	39.3%	6.6%	-34.5%
60 - 64	311	311	385	495	536	592	573	472	0.0%	59.1%	19.7%	-20.3%
65 - 69	253	254	249	317	400	445	484	481	0.4%	24.7%	40.7%	7.9%
70 - 74	207	281	243	247	307	401	438	491	35.7%	-12.2%	62.8%	22.3%
75 - 79	140	219	198	176	174	222	283	317	56.4%	-19.7%	26.3%	42.6%
80 - 84	87	165	170	159	139	142	179	236	89.7%	-3.5%	-10.7%	66.0%
85 - ...	47	112	119	132	127	122	119	146	138.3%	17.6%	-7.6%	19.7%
Total	7,667	8,835	8,741	8,729	8,716	8,943	9,097	9,328	15.2%	-1.2%	2.5%	4.3%

Springfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	13,374	11,606	11,210	11,489	12,380	13,341	14,025	14,429	-13.2%	-1.0%	16.1%	8.2%
5 - 9	11,932	12,945	11,447	11,122	11,428	12,384	13,376	14,140	8.5%	-14.1%	11.3%	14.2%
10 - 14	10,568	12,504	12,074	10,684	10,330	10,622	11,454	12,381	18.3%	-14.6%	-0.6%	16.6%
15 - 19	12,065	12,343	13,002	12,531	11,081	10,693	10,989	11,827	2.3%	1.5%	-14.7%	10.6%
20 - 24	14,108	12,023	14,657	15,538	15,009	13,365	12,922	13,367	-14.8%	29.2%	-14.0%	0.0%
25 - 29	14,911	10,560	10,796	13,154	13,850	13,382	11,846	11,452	-29.2%	24.6%	1.7%	-14.4%
30 - 34	13,540	10,686	8,506	8,677	10,572	11,106	10,734	9,482	-21.1%	-18.8%	28.0%	-14.6%
35 - 39	11,219	11,266	9,066	7,194	7,357	8,935	9,411	9,066	0.4%	-36.1%	24.2%	1.5%
40 - 44	9,019	10,595	10,215	8,224	6,553	6,702	8,167	8,602	17.5%	-22.4%	-18.5%	28.4%
45 - 49	6,899	9,474	10,224	9,891	7,967	6,370	6,518	7,970	37.3%	4.4%	-35.6%	25.1%
50 - 54	5,563	8,196	8,854	9,554	9,223	7,428	5,928	6,062	47.3%	16.6%	-22.3%	-18.4%
55 - 59	5,714	6,237	7,851	8,445	9,134	8,778	7,086	5,630	9.2%	35.4%	3.9%	-35.9%
60 - 64	6,503	4,741	5,863	7,321	7,932	8,509	8,237	6,593	-27.1%	54.4%	16.2%	-22.5%
65 - 69	6,624	4,540	4,449	5,470	6,917	7,448	8,090	7,781	-31.5%	20.5%	36.2%	4.5%
70 - 74	5,619	4,705	4,064	3,956	4,919	6,181	6,730	7,264	-16.3%	-15.9%	56.3%	17.5%
75 - 79	4,192	4,264	3,847	3,292	3,240	3,984	5,076	5,460	1.7%	-22.8%	21.0%	37.1%
80 - 84	2,749	3,051	3,137	2,810	2,461	2,401	3,018	3,814	11.0%	-7.9%	-14.6%	58.9%
85 - ...	2,384	2,346	2,521	2,615	2,529	2,271	2,203	2,512	-1.6%	11.5%	-13.2%	10.6%
Total	156,983	152,082	151,784	151,967	152,884	153,901	155,812	157,832	-3.1%	-0.1%	1.3%	2.6%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Tolland

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	23	27	26	27	30	33	34	36	17.4%	1.8%	19.1%	10.9%
5 - 9	16	31	27	28	28	32	35	38	93.8%	-10.6%	15.8%	18.4%
10 - 14	18	33	32	29	28	30	33	36	83.3%	-11.0%	2.6%	20.4%
15 - 19	20	18	19	18	16	15	16	17	-10.0%	-0.1%	-15.7%	9.0%
20 - 24	16	7	9	8	8	6	6	6	-56.3%	18.2%	-22.6%	-10.7%
25 - 29	15	17	17	22	23	23	21	21	13.3%	30.4%	5.7%	-11.6%
30 - 34	23	30	24	25	31	34	33	30	30.4%	-15.6%	33.4%	-11.5%
35 - 39	28	42	34	28	28	36	38	37	50.0%	-34.0%	28.4%	4.8%
40 - 44	24	43	41	34	27	29	35	39	79.2%	-19.8%	-15.9%	32.9%
45 - 49	22	32	34	34	27	22	22	27	45.5%	4.8%	-35.8%	26.9%
50 - 54	20	29	31	34	33	26	21	21	45.0%	16.3%	-22.4%	-18.5%
55 - 59	19	36	45	51	55	55	45	37	89.5%	41.7%	8.3%	-33.5%
60 - 64	10	26	32	44	48	55	53	45	160.0%	67.4%	25.6%	-17.4%
65 - 69	15	26	26	34	43	50	54	55	73.3%	31.9%	45.8%	10.6%
70 - 74	8	15	13	13	17	22	24	28	87.5%	-10.3%	65.7%	24.4%
75 - 79	7	5	5	4	4	4	5	5	-28.6%	-26.7%	14.4%	28.7%
80 - 84	4	5	5	5	4	4	5	6	25.0%	-7.2%	-13.8%	60.1%
85 - ...	1	4	4	5	5	4	4	5	300.0%	17.7%	-6.4%	22.8%
Total	289	426	426	443	455	481	483	490	47.4%	4.0%	8.5%	1.9%

Wales

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	124	104	101	103	111	119	125	128	-16.1%	-1.3%	15.7%	7.8%
5 - 9	147	105	93	86	88	91	98	98	-28.6%	-18.3%	5.7%	8.1%
10 - 14	148	141	136	117	113	114	123	129	-4.7%	-16.9%	-2.9%	13.6%
15 - 19	106	126	133	130	115	112	115	126	18.9%	2.9%	-13.4%	12.1%
20 - 24	75	70	85	91	88	79	76	80	-6.7%	30.3%	-13.3%	0.8%
25 - 29	136	97	99	121	128	124	109	106	-28.7%	25.2%	2.0%	-14.4%
30 - 34	165	134	107	109	133	140	135	120	-18.8%	-18.6%	28.4%	-14.4%
35 - 39	154	160	129	102	105	128	135	130	3.9%	-36.2%	25.2%	2.0%
40 - 44	149	169	163	131	104	106	129	135	13.4%	-22.6%	-18.7%	27.4%
45 - 49	102	166	179	176	142	115	118	146	62.7%	6.0%	-34.6%	26.9%
50 - 54	70	147	159	177	171	141	113	118	110.0%	20.2%	-20.1%	-16.1%
55 - 59	46	110	139	157	170	173	140	117	139.1%	43.1%	9.7%	-32.2%
60 - 64	28	81	101	136	148	171	165	142	189.3%	67.6%	25.7%	-17.0%
65 - 69	45	48	47	61	77	86	93	93	6.7%	26.4%	41.7%	8.3%
70 - 74	30	32	28	27	34	44	48	53	6.7%	-14.2%	59.7%	20.1%
75 - 79	23	25	23	19	19	24	30	33	8.7%	-22.4%	22.1%	37.8%
80 - 84	12	9	9	8	7	6	7	9	-25.0%	-13.2%	-22.7%	43.6%
85 - ...	6	13	14	15	14	14	13	17	116.7%	15.6%	-8.5%	20.9%
Total	1,566	1,737	1,743	1,766	1,767	1,786	1,773	1,779	10.9%	1.7%	1.1%	-0.4%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Ware

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	744	590	568	590	656	730	796	830	-20.7%	0.1%	23.7%	13.7%
5 - 9	737	642	553	525	551	604	678	728	-12.9%	-18.3%	15.1%	20.6%
10 - 14	591	723	708	611	588	619	688	775	22.3%	-15.5%	1.3%	25.2%
15 - 19	639	689	737	735	632	619	650	734	7.8%	6.7%	-15.8%	18.7%
20 - 24	664	538	556	586	574	489	471	489	-19.0%	9.0%	-16.6%	-0.1%
25 - 29	832	554	635	649	693	669	577	549	-33.4%	17.2%	3.1%	-18.0%
30 - 34	890	697	588	668	690	734	720	618	-21.7%	-4.1%	9.9%	-15.9%
35 - 39	717	772	655	560	640	671	717	712	7.7%	-27.5%	19.9%	6.2%
40 - 44	649	822	754	649	544	633	656	708	26.7%	-21.0%	-2.5%	11.8%
45 - 49	543	701	701	625	531	433	497	499	29.1%	-10.9%	-30.6%	15.2%
50 - 54	405	668	760	747	687	574	480	543	64.9%	11.8%	-23.2%	-5.4%
55 - 59	389	497	746	845	847	775	661	551	27.8%	70.0%	-8.2%	-29.0%
60 - 64	427	349	469	695	793	785	723	608	-18.3%	99.3%	12.9%	-22.5%
65 - 69	498	331	345	454	684	762	766	689	-33.5%	37.2%	67.9%	-9.6%
70 - 74	447	331	297	302	407	596	685	671	-26.0%	-8.7%	97.4%	12.6%
75 - 79	329	346	326	288	303	403	610	696	5.2%	-16.9%	40.1%	72.6%
80 - 84	188	267	283	267	240	253	345	522	42.0%	0.1%	-5.2%	106.2%
85 - ...	119	190	218	243	246	234	239	300	59.7%	27.8%	-3.7%	28.2%
Total	9,808	9,707	9,899	10,039	10,307	10,586	10,961	11,223	-1.0%	3.4%	5.4%	6.0%

West Springfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	1,748	1,631	1,575	1,626	1,752	1,902	1,999	2,071	-6.7%	-0.3%	16.9%	8.9%
5 - 9	1,679	1,807	1,597	1,551	1,594	1,726	1,864	1,968	7.6%	-14.2%	11.3%	14.1%
10 - 14	1,561	1,949	1,882	1,674	1,618	1,673	1,804	1,960	24.9%	-14.1%	-0.1%	17.2%
15 - 19	1,560	1,764	1,859	1,809	1,599	1,558	1,601	1,740	13.1%	2.5%	-13.9%	11.7%
20 - 24	2,034	1,574	1,919	2,015	1,947	1,717	1,660	1,701	-22.6%	28.0%	-14.8%	-0.9%
25 - 29	2,514	1,797	1,838	2,245	2,366	2,288	2,023	1,959	-28.5%	25.0%	1.9%	-14.4%
30 - 34	2,318	2,006	1,594	1,642	2,004	2,127	2,055	1,830	-13.5%	-18.1%	29.5%	-14.0%
35 - 39	2,171	2,213	1,779	1,411	1,445	1,761	1,857	1,791	1.9%	-36.2%	24.8%	1.7%
40 - 44	1,963	2,232	2,152	1,726	1,374	1,401	1,709	1,795	13.7%	-22.7%	-18.8%	28.1%
45 - 49	1,470	2,097	2,262	2,197	1,768	1,417	1,451	1,783	42.7%	4.8%	-35.5%	25.8%
50 - 54	1,349	1,833	1,982	2,119	2,046	1,633	1,302	1,320	35.9%	15.6%	-23.0%	-19.1%
55 - 59	1,374	1,358	1,709	1,819	1,967	1,869	1,508	1,183	-1.2%	34.0%	2.7%	-36.7%
60 - 64	1,512	1,191	1,474	1,855	2,011	2,174	2,105	1,698	-21.2%	55.7%	17.2%	-21.9%
65 - 69	1,360	1,094	1,075	1,344	1,700	1,862	2,022	1,976	-19.6%	22.9%	38.5%	6.1%
70 - 74	1,062	1,146	989	989	1,230	1,583	1,725	1,907	7.9%	-13.7%	60.1%	20.4%
75 - 79	811	988	892	777	767	963	1,227	1,348	21.8%	-21.3%	23.9%	39.9%
80 - 84	570	686	706	638	559	550	690	881	20.4%	-7.0%	-13.9%	60.3%
85 - ...	481	533	572	601	581	528	513	595	10.8%	12.7%	-12.1%	12.6%
Total	27,537	27,899	27,857	28,039	28,328	28,731	29,115	29,506	1.3%	0.5%	2.5%	2.7%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Westfield

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	2,648	2,366	2,285	2,349	2,531	2,736	2,876	2,968	-10.6%	-0.7%	16.5%	8.5%
5 - 9	2,625	2,590	2,290	2,204	2,265	2,431	2,626	2,749	-1.3%	-14.9%	10.3%	13.1%
10 - 14	2,270	2,880	2,781	2,478	2,396	2,480	2,674	2,910	26.9%	-13.9%	0.1%	17.3%
15 - 19	3,228	3,541	3,728	3,619	3,202	3,111	3,197	3,464	9.7%	2.2%	-14.0%	11.4%
20 - 24	3,657	3,211	3,916	4,164	4,022	3,590	3,471	3,600	-12.2%	29.7%	-13.8%	0.3%
25 - 29	3,013	2,275	2,328	2,862	3,017	2,932	2,592	2,523	-24.5%	25.8%	2.5%	-13.9%
30 - 34	3,195	2,655	2,112	2,166	2,641	2,791	2,697	2,393	-16.9%	-18.4%	28.8%	-14.2%
35 - 39	2,936	3,122	2,512	2,003	2,049	2,505	2,640	2,557	6.3%	-35.8%	25.1%	2.1%
40 - 44	2,758	3,179	3,065	2,461	1,958	2,000	2,442	2,569	15.3%	-22.6%	-18.7%	28.4%
45 - 49	2,125	2,869	3,095	2,990	2,407	1,920	1,966	2,401	35.0%	4.2%	-35.8%	25.1%
50 - 54	1,551	2,629	2,844	3,107	3,000	2,446	1,949	2,020	69.5%	18.2%	-21.3%	-17.4%
55 - 59	1,473	1,927	2,425	2,658	2,874	2,810	2,266	1,827	30.8%	37.9%	5.7%	-35.0%
60 - 64	1,580	1,354	1,675	2,126	2,305	2,513	2,433	1,979	-14.3%	57.0%	18.2%	-21.3%
65 - 69	1,649	1,288	1,264	1,575	1,992	2,175	2,362	2,303	-21.9%	22.3%	38.1%	5.9%
70 - 74	1,432	1,350	1,166	1,149	1,429	1,817	1,979	2,162	-5.7%	-14.9%	58.2%	19.0%
75 - 79	1,012	1,200	1,083	942	929	1,162	1,481	1,622	18.6%	-21.5%	23.5%	39.5%
80 - 84	662	898	924	845	740	737	927	1,197	35.6%	-5.9%	-12.7%	62.3%
85 - ...	558	738	794	849	822	761	738	869	32.3%	15.1%	-10.4%	14.1%
Total	38,372	40,072	40,287	40,549	40,579	40,918	41,313	42,113	4.4%	1.2%	0.9%	2.9%

Westhampton

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	121	76	73	74	82	88	96	97	-37.2%	-2.9%	19.9%	10.0%
5 - 9	93	105	91	88	93	104	117	129	12.9%	-16.0%	18.2%	23.9%
10 - 14	99	126	123	107	103	109	121	137	27.3%	-15.1%	1.7%	25.7%
15 - 19	110	91	98	95	82	78	82	90	-17.3%	4.4%	-18.0%	15.8%
20 - 24	65	49	50	53	52	44	42	43	-24.6%	8.1%	-17.3%	-0.8%
25 - 29	91	52	59	59	63	60	52	48	-42.9%	14.2%	1.4%	-19.8%
30 - 34	116	83	70	79	81	86	84	71	-28.4%	-5.1%	8.8%	-16.8%
35 - 39	134	144	122	104	119	125	134	133	7.5%	-27.5%	19.8%	6.2%
40 - 44	143	176	161	138	116	135	139	150	23.1%	-21.4%	-2.8%	11.5%
45 - 49	92	149	149	137	117	97	112	116	62.0%	-8.0%	-28.9%	19.3%
50 - 54	66	135	154	156	144	124	103	120	104.5%	15.7%	-20.5%	-3.1%
55 - 59	48	87	131	152	153	144	123	105	81.3%	75.0%	-5.5%	-26.8%
60 - 64	43	60	81	125	143	148	136	120	39.5%	108.7%	18.2%	-19.0%
65 - 69	42	45	47	65	98	113	113	106	7.1%	43.7%	75.2%	-6.0%
70 - 74	21	38	34	37	50	79	91	97	81.0%	-2.1%	112.2%	22.3%
75 - 79	28	28	26	24	25	33	51	56	0.0%	-14.6%	39.6%	68.7%
80 - 84	10	10	11	9	9	8	11	16	0.0%	-5.3%	-10.8%	92.2%
85 - ...	5	14	16	18	18	18	19	24	180.0%	29.8%	0.0%	34.2%
Total	1,327	1,468	1,496	1,522	1,548	1,594	1,627	1,661	10.6%	3.7%	4.8%	4.2%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Wilbraham

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	711	754	729	761	820	899	945	990	6.0%	0.9%	18.2%	10.1%
5 - 9	906	977	864	839	862	934	1,008	1,065	7.8%	-14.1%	11.3%	14.1%
10 - 14	861	1,164	1,124	1,006	973	1,013	1,092	1,195	35.2%	-13.5%	0.7%	18.0%
15 - 19	833	959	1,010	985	871	850	873	951	15.1%	2.7%	-13.7%	11.9%
20 - 24	695	338	413	408	394	324	314	299	-51.4%	20.8%	-20.6%	-7.8%
25 - 29	567	336	343	410	432	409	362	343	-40.7%	22.0%	-0.3%	-16.2%
30 - 34	830	647	516	525	639	670	648	572	-22.0%	-18.9%	27.6%	-14.7%
35 - 39	1,059	1,050	845	670	685	830	874	841	-0.8%	-36.2%	24.0%	1.3%
40 - 44	1,090	1,251	1,206	969	772	788	960	1,008	14.8%	-22.6%	-18.7%	27.9%
45 - 49	979	1,177	1,270	1,212	976	769	787	949	20.2%	3.0%	-36.6%	23.5%
50 - 54	788	1,069	1,156	1,236	1,193	952	758	769	35.7%	15.6%	-23.0%	-19.2%
55 - 59	699	832	1,047	1,138	1,230	1,192	961	768	19.0%	36.7%	4.8%	-35.5%
60 - 64	693	640	792	1,012	1,097	1,203	1,165	954	-7.6%	58.1%	18.9%	-20.7%
65 - 69	694	567	558	699	883	970	1,053	1,030	-18.3%	23.3%	38.7%	6.3%
70 - 74	535	558	482	480	597	767	835	920	4.3%	-14.0%	59.7%	20.1%
75 - 79	324	512	462	412	407	522	664	745	58.0%	-19.6%	26.8%	42.9%
80 - 84	213	330	339	314	275	277	349	455	54.9%	-4.9%	-11.6%	64.2%
85 - ...	158	312	337	372	360	343	332	400	97.5%	19.1%	-7.6%	16.4%
Total	12,635	13,473	13,493	13,446	13,465	13,712	13,982	14,255	6.6%	-0.2%	2.0%	4.0%

Williamsburg

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	172	108	104	105	116	126	137	138	-37.2%	-3.0%	19.9%	10.0%
5 - 9	175	150	129	123	129	141	158	169	-14.3%	-18.3%	14.9%	20.4%
10 - 14	148	179	175	151	145	153	170	191	20.9%	-15.6%	1.1%	25.1%
15 - 19	163	126	135	130	112	106	111	121	-22.7%	3.0%	-18.5%	14.8%
20 - 24	119	76	78	80	79	65	63	63	-36.1%	5.7%	-19.2%	-3.4%
25 - 29	204	123	141	143	152	145	125	117	-39.7%	15.9%	1.7%	-19.1%
30 - 34	226	157	132	148	153	161	158	133	-30.5%	-5.4%	8.4%	-17.1%
35 - 39	306	212	180	146	168	168	179	169	-30.7%	-31.3%	15.5%	0.3%
40 - 44	243	222	205	171	142	161	167	174	-8.6%	-23.0%	-5.7%	8.2%
45 - 49	132	293	294	278	237	202	234	248	122.0%	-5.2%	-27.2%	22.8%
50 - 54	120	241	273	273	250	213	179	206	100.8%	13.4%	-22.0%	-3.4%
55 - 59	90	112	168	190	191	175	149	124	24.4%	69.8%	-8.0%	-29.4%
60 - 64	98	115	154	237	270	277	255	221	17.3%	106.3%	16.6%	-20.0%
65 - 69	95	83	87	117	177	203	204	190	-12.6%	41.3%	73.1%	-6.6%
70 - 74	93	77	69	71	96	143	164	163	-17.2%	-7.2%	100.5%	13.8%
75 - 79	54	69	65	59	62	84	128	148	27.8%	-14.6%	43.1%	75.6%
80 - 84	39	49	52	48	44	45	62	93	25.6%	-2.0%	-5.4%	104.3%
85 - ...	38	35	39	39	39	35	36	43	-7.9%	11.9%	-11.0%	22.4%
Total	2,515	2,427	2,481	2,510	2,563	2,603	2,679	2,712	-3.5%	3.4%	3.7%	4.2%

Individual Community Population Projections, 2005 - 2030 (cont'd.)

Worthington

Age	Population								Percent Change			
	1990	2000	2005	2010	2015	2020	2025	2030	1990-2000	2000-'10	2010-'20	2020-'30
0 - 4	82	59	57	58	65	71	78	80	-28.0%	-1.1%	22.3%	12.3%
5 - 9	117	76	66	60	63	66	74	76	-35.0%	-21.5%	10.2%	15.1%
10 - 14	99	108	106	90	87	90	100	112	9.1%	-16.5%	0.1%	23.7%
15 - 19	50	104	112	116	100	101	106	124	108.0%	11.7%	-12.8%	22.8%
20 - 24	45	44	46	49	48	42	40	42	-2.2%	11.1%	-15.0%	1.8%
25 - 29	66	30	35	33	36	32	28	25	-54.5%	11.5%	-3.1%	-23.0%
30 - 34	109	73	61	69	71	74	72	61	-33.0%	-5.9%	7.9%	-17.5%
35 - 39	122	102	87	72	82	84	90	87	-16.4%	-29.2%	16.7%	3.7%
40 - 44	140	135	124	104	87	99	103	108	-3.6%	-22.7%	-5.1%	8.8%
45 - 49	75	132	132	123	105	88	102	106	76.0%	-6.9%	-28.4%	21.0%
50 - 54	52	120	137	139	128	111	92	108	130.8%	15.9%	-20.5%	-2.2%
55 - 59	24	87	131	158	158	155	132	116	262.5%	81.6%	-2.2%	-24.6%
60 - 64	53	60	81	124	140	143	131	114	13.2%	106.0%	15.6%	-20.4%
65 - 69	49	34	35	47	71	79	79	72	-30.6%	37.9%	68.5%	-9.4%
70 - 74	28	30	27	29	39	60	68	69	7.1%	-3.6%	106.8%	14.8%
75 - 79	26	37	35	32	34	47	71	83	42.3%	-12.3%	44.7%	75.8%
80 - 84	16	25	27	25	23	24	33	50	56.3%	1.2%	-4.6%	107.7%
85 - ...	3	14	16	19	19	19	19	26	366.7%	32.4%	1.8%	36.5%
Total	1,156	1,270	1,312	1,348	1,355	1,385	1,419	1,459	9.9%	6.1%	2.8%	5.3%

Footnotes

- ¹ For instance, the U.S. Census Bureau uses the cohort method to project the national population and then uses a sharing technique to divide the projected population among states.
- ² Economic and Policy Resources, Inc., of Vermont.
- ³ Though the trend might suggest average household sizes below 2.0 for some communities in projection years, we controlled average household size such that no community is projected to fall below that level during the projection period. We felt that an average household size below 2.0 would be unrealistic. There are a number of communities, however, for which average household size is 2.0 persons by 2030.
- ⁴ National trend data was extracted from: U.S. Census Bureau. *Statistical Abstract of the United States*. 121st Ed. Washington, D.C., 2001.
- ⁵ Using an average household size of 2.0 persons as a floor was deemed appropriate because we felt an average household size less than that would be unrealistic. This number was also used as a floor in the Massachusetts Highway Department's 2003 projections.
- ⁶ Mitra Tossi. *A Century of Change: the U.S. Labor Force, 1950-2050*. *Monthly Labor Review*. May 2002. 15-28.
- ⁷ Multiplying by 0.95 removes 5.0 percent of the labor force from the employment numbers.
- ⁸ For instance, a strict linear trend of manufacturing's share of total employment would have yielded a negative share by 2020.