



UNIVERSITY OF MASSACHUSETTS SCHOOL OF PUBLIC HEALTH AND HEALTH SCIENCES

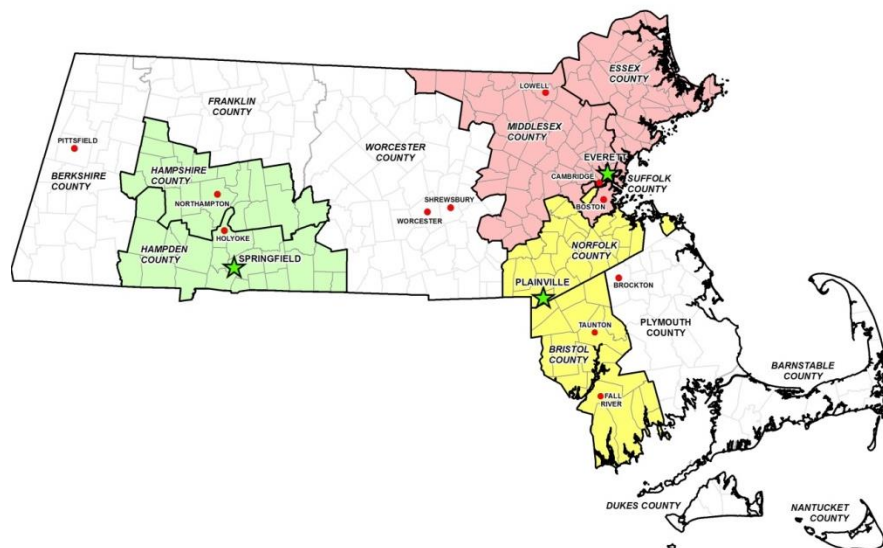
Host Community Economic Profiles

This report, by the Economic and Public Policy Research group at the UMass Donahue Institute, presents economic profiles of the three identified Massachusetts casino host communities to provide information on baseline economic conditions within each host community before the introduction of casinos.ⁱ A specific set of data measures has been selected to create a portrait of each place as well as select economic and fiscal data indicators for the identified surrounding communities. The information illustrates recent trends and conditions within the city or town's industrial structure, business community, labor force and residential population. These profile data will be updated after casinos are introduced in order to track economic changes over time.

Each host profile contains detailed data in several conceptual areas: *industrial base*; *business conditions*; *resident indicators*; and *fiscal indicators*. In the industrial base section, business-based economic indicators show growth trends in employment and number of establishments over time, and changes in average annual wages offered in the municipality. The mix and share of industries in the community provide a picture of what drives the industrial base. The business conditions section provides insight into the local business climate and presents data on changes in sales over time in the host community. A more specific look at the Leisure and Hospitality industry sheds light on how tourism-related businesses have been faring. The resident indicators section offers a demographic and economic picture of those living in the municipality including population change, educational attainment levels, English proficiency, median income, poverty, unemployment, and labor force participation rates. Finally, the fiscal indicators section gives a breakdown of government expenditures and revenues for the municipality, including the prevalence of industrial, commercial, and residential real estate taxes.

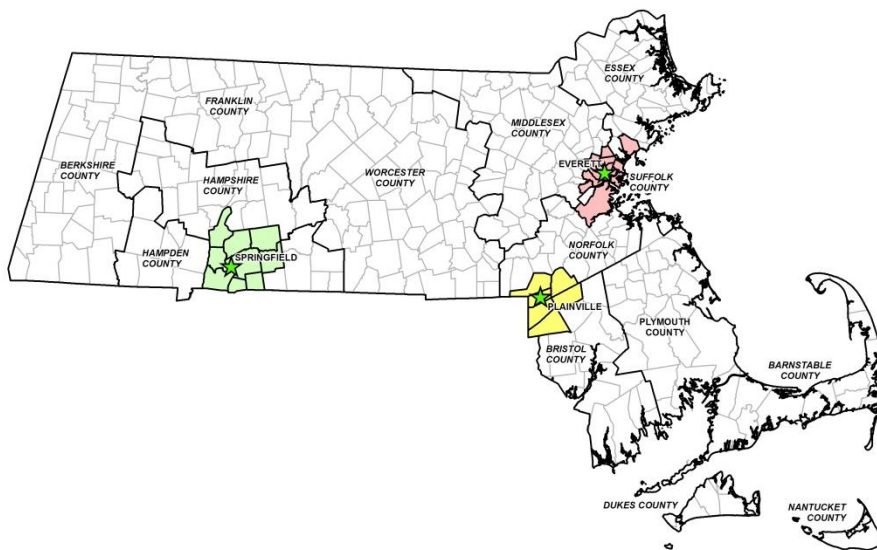
This analysis of secondary data measures complements two other major components of the economic research plan to measure and track impacts over time: 1) primary data collection of direct casino-related economic activity; and 2) community comparison analysis applying a matched control community approach using similar communities in the Northeast.ⁱⁱ These profiles are based on secondary data sets over a ten-year period. Particular attention is paid to economic recovery since the 'Great Recession' which hit the national and state economies between 2007 and 2009. To provide an assessment of relative change, community-level trends are compared with Massachusetts and US-level trends. Finally, to provide an understanding of and comparison with trends in the immediate region, county-based regions and surrounding community areas have been identified around each host community, as shown in the following maps.

Figure 1. Massachusetts Host Communities and Their Immediate Regions



Note – Immediate Regions are built using adjacent counties

Figure 2. Massachusetts Host and Surrounding Communities



Host Community Profile: Plainville

Introduction

The town of Plainville is located in the southwestern part of Norfolk County, on the border with both Bristol County and Rhode Island. It is one of the newest towns in Massachusetts, having separated from Wrentham in 1905. The closest large city is Providence, Rhode Island, 18 miles to the southwest.

Plainville occupies a total area of 11.5 square miles and has a population density of 767 people per square mile. The population of Plainville is estimated at 8,825 residents. Relative to Massachusetts as a whole, Plainville is a relatively well-educated community with slightly higher than average household incomes (wages of jobs offered in Plainville itself are lower than average, but most residents travel for work). A Bachelor's degree is the most common educational level. About a half of residents hold an Associate, Bachelor's, graduate, or professional degree. The wages, education levels, and English-language proficiency of Plainville residents are higher than the state average.

Plainville is a geographically small and relatively sparsely populated town. The primary industries that drive employment in Plainville are Retail Trade, Accommodations and Food Services, Healthcare and Social Assistance, and Manufacturing. A large proportion of residents commute out of town for work—only 10 percent of Plainville residents work in the town—with most commuting to jobs in Greater Boston, the southeast, or Rhode Island. Eighty five percent of the jobs in Plainville are held by residents from other towns. In terms of its tax base, commercial and residential properties are the predominant sources of the town of Plainville's revenue.

Summary of Baseline Findings

Analysis of the town of Plainville's industrial base, business conditions, resident indicators, and fiscal indicators in the period 2003-2013 shows the following trends:

Industrial Base and Business Indicators

- Both payroll employment and the number of firms in Plainville have grown faster than in the state and the immediate region of Norfolk and Bristol counties. Plainville's 355 businesses supported 4,035 jobs within the municipality in 2013.
- Used as a proxy for business conditions, gross sales in Plainville's businesses decreased from 2003 to 2013.
- Average wages are lower than the state average, and have been slowly dropping in real terms over time. The mix of industries in Plainville offers mostly service industry jobs, with some notable exceptions. Retail, Accommodations and Food Services, Healthcare and Social Assistance, and Manufacturing industries offer a larger share of the jobs in Plainville than in Massachusetts as a whole. Construction dropped off dramatically during the recession and has not recovered its share of jobs. The Leisure and Hospitality industry supersectorⁱⁱⁱ has been growing in Plainville since 2003, now accounting for at least 15 percent of jobs in the town.

Resident Indicators

- Plainville's population grew by 11 percent from 2003 to 2013 from 7,827 to 8,825.

- Unemployment and labor force participation rates are both higher in Plainville than in the state as a whole. Poverty rates in Plainville have been lower than the Massachusetts rate, both during and since the recession. In 2013, the unemployment rate in Plainville was 8.4 percent, while in Massachusetts overall it was 7.1 percent. By 2014, the unemployment rate was lower in Plainville than in the state as a whole (5.1 percent and 5.8 percent respectively).
- At an estimated \$77,109, median household income in Plainville is higher than the state rate of \$66,866.
- Plainville residents have higher-than-average levels of educational attainment than the state as a whole; less than a quarter have a higher education degree.

Fiscal Indicators

- While residential property taxes remain the largest source of revenues for Plainville by far, commercial property taxes have grown in importance between FY2003 and FY2013.
- Education is the largest category of town expenditures at \$12.7 million, representing 52.7 percent of the 2013 budget, while police, fire and other public safety collectively comprise 15.5 percent of the entire budget.

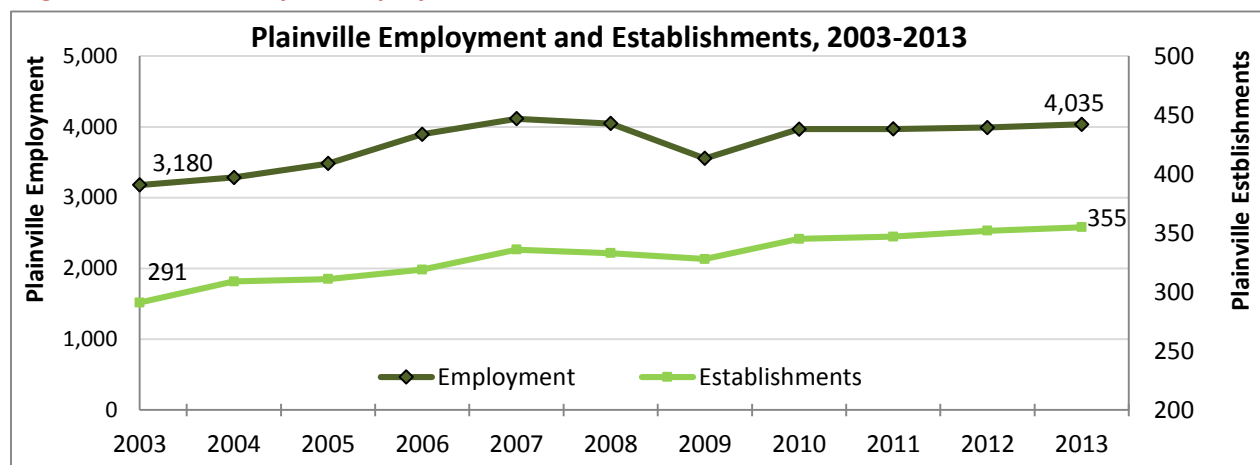
Industrial Base and Business Indicators

This section discusses business indicators and the industrial base – or mix of businesses – that are located within the town of Plainville. While the town is small, there are firms in Plainville that offer employment to local and regional workers.

Employment, Establishments and Wages

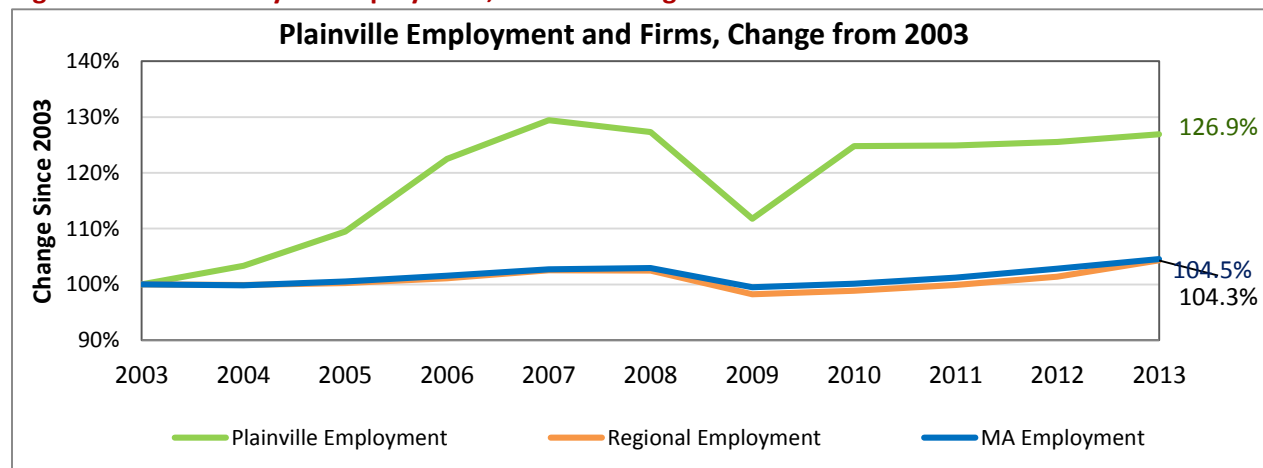
Plainville's overall level of employment peaked in 2007, and the town lost about 500 jobs between 2007 and 2009. Employment rebounded fairly quickly and has been slowly recovering ever since, but still has not reached its 2007 level. Plainville's 355 businesses employ 4,035 people, an increase of 27 percent from a decade ago. The number of establishments has risen by 22 percent over the same period, from 291 to 355 businesses, implying a higher than average firm size. Growth in both firms and payroll employment are higher than in the immediate region of Norfolk and Bristol counties. Meanwhile, both the state and the immediate region have seen establishments and employment grow since 2003 (employment grew by 5 and 4 percent, respectively). Plainville's average wages are much lower than the state average and in the immediate region. The average annual wage for jobs based in Plainville was \$35,672 in 2013 compared to the Massachusetts average of \$61,776 and \$52,838 in the immediate region. (See Appendices for detailed tables).

Figure 3. Plainville Payroll Employment and Establishments 2003-2013



Source: OLWD, ES-202 Note: The immediate region for Plainville is defined as Norfolk and Bristol counties.

Figure 4. Plainville Payroll Employment, Percent Change from 2003 to 2013



Source: OLWD, ES-202 Note: The immediate region for Plainville is defined as Norfolk and Bristol counties.

Table 1. Plainville Average Annual Wages, 2003-2013 (2013 Dollars)

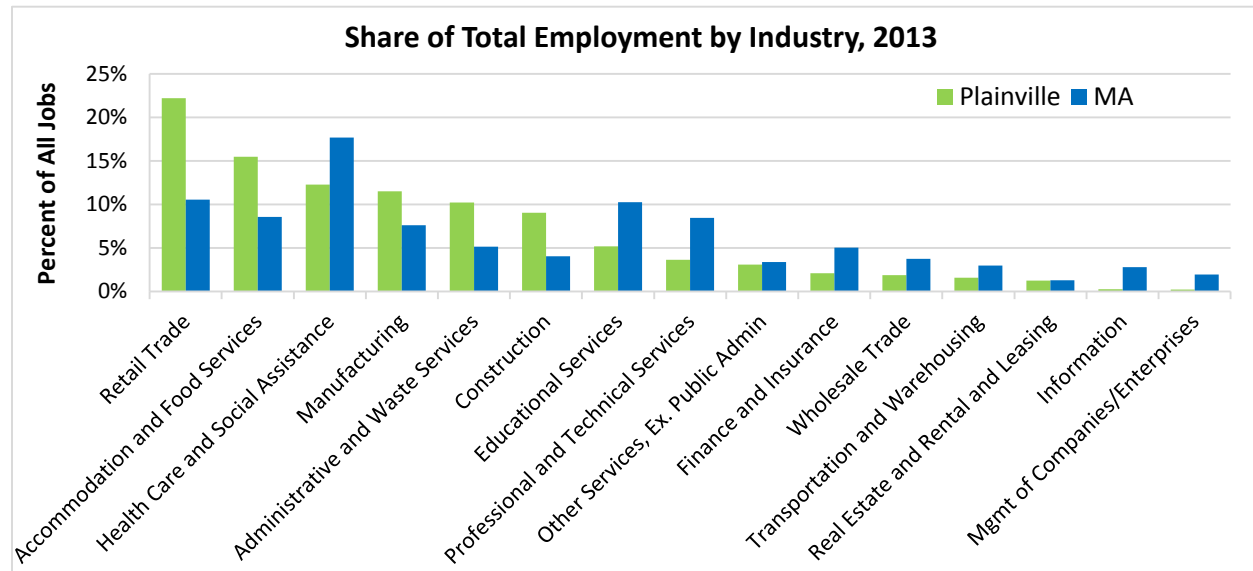
Average Annual Wages	2003	2013	Percent Change 2003-2013	Total Change 2003-2013
Plainville	\$48,521	\$35,672	-26%	-\$12,849
Immediate Region	\$52,422	\$52,838	1%	\$415
Massachusetts	\$58,660	\$61,776	5%	\$3,116
United States	\$47,797	\$49,816	4%	\$2,019

Source: OLWD, ES-202 Note: The immediate region for Plainville is defined as Norfolk and Bristol counties.

Industry Mix

The industries in Plainville exist in different concentrations than in the state as a whole and this influences its performance relative to the state. Retail, Accommodations and Food Services Healthcare and Social Assistance, Manufacturing, and Administrative and Waste Services are well-represented in Plainville. Despite their importance to jobs in Plainville in the past, both the Construction and Manufacturing sectors have experienced declines in Plainville and in the state over the ten-year period. However, both still are still much more prevalent in Plainville than in the state as a whole. While these sectors have declined in Plainville, other sectors, particularly Retail and Accommodation, have grown.

Figure 5. Plainville Share of Total Employment by Industry, 2013

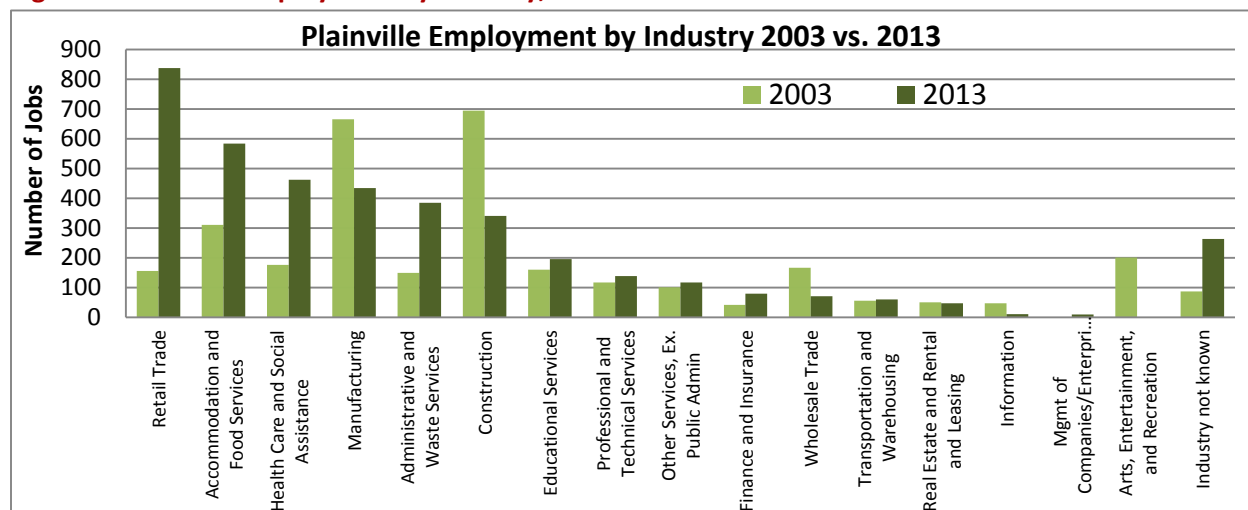


Source: OLWD, ES-202 Note: ES-202 data at the detailed industry (or sector) level are subject to suppression, and are therefore sometimes lower than the total. These data at the 2-digit level may underestimate the employment and number of firms in the individual industries presented.

The primary industries driving employment in Plainville are, in descending order: Retail Trade (representing 21 percent of total payroll employment in town) Accommodations and Food Services (representing 15 percent) Healthcare and Social Assistance (12 percent) Manufacturing (11 percent) and Administrative and Waste Services (10 percent). The Retail, Accommodation and Food Services, Manufacturing, Administrative and Waste Services, and Construction sectors offer a larger share of the jobs in Plainville than in Massachusetts as a whole. Among major industries in the town, Retail in particular has grown in the last ten years: the number of jobs in this industry has increased more than fivefold in Plainville, to a total of 838 jobs. Three additional industries have experienced job growth over the past ten years: Accommodation and Food Services, which grew by 88 percent, Administrative and Waste Services, which grew by 158 percent, and Healthcare and Social Assistance, which grew by 163 percent. Note that part of the change in the Healthcare and Social Assistance sector may actually be result of an industry reclassification: in 2013, establishments providing non-medical, home-based services began to be included in this sector.^{iv} Some other major employment sectors in the town—including Manufacturing, Construction, and Wholesale Trade—have lost jobs over the past ten years, sometimes dramatically so, as in the case of Construction. Representing nearly 4 percent of employment in Plainville, Professional and Technical Services is vastly under-represented despite being a strong sector statewide and in Boston area in particular. Given that this sector contains much of the state's

R&D and many high-wage jobs, this is a structural difference from the state and may denote a less technically oriented local economic base with corresponding lower wages.

Figure 6. Plainville Employment by Industry, 2003 vs. 2013

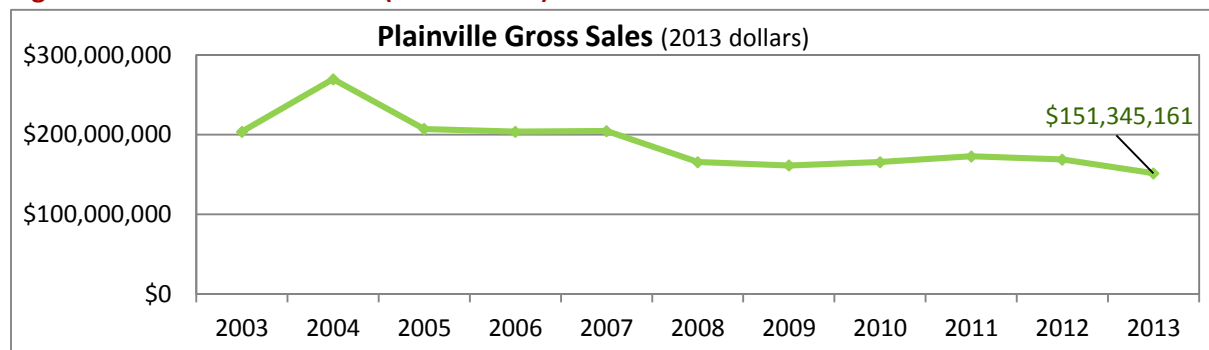


Source: OLWD, ES-202 Note: ES-202 data at the detailed industry (or sector) level are subject to suppression, and are therefore sometimes lower than the total. These data at the 2-digit level may underestimate the employment and number of firms in the individual industries presented. Some growth in the Healthcare and Social Assistance sector may be the result of reclassification. In January 2013 a revision in the NAICS coding system reclassified establishments that provide non-medical, home-based services for the elderly and persons with disabilities from the Other Services sector (81) to the Healthcare and Social Assistance sector (62).^{iv}

Business Sales

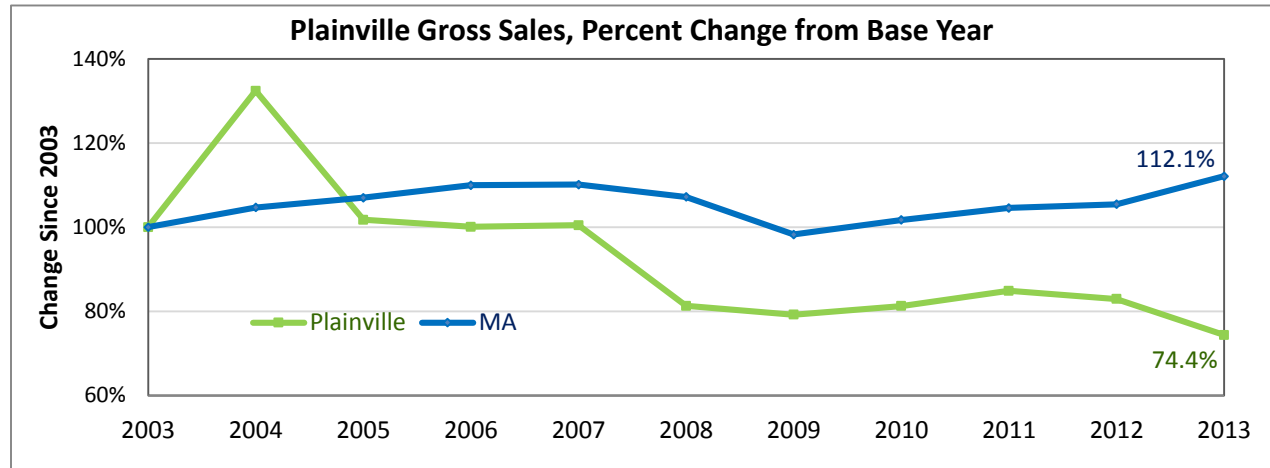
Gross sales provide a direct measure of economic activity for businesses. The overall downward trend over time shows that sales in Plainville (in real 2013 dollars) have been falling in the past 10 years. This could be due to spending decreases but also could stem from the reporting practices used in this data series, as sales are attributed to the location of business headquarters. Branch sales are not always reported in the town where the sales actually take place. This would particularly affect small places and those with large retail stores and restaurant chains. Thus, while these data provide useful information to illustrate general trends in sales to local businesses, the reported total of roughly \$151M in 2013 is likely an underestimate of town-level sales that year. Nevertheless, the data estimate that sales in Plainville have declined by more than 20 percent since 2003 in inflation-adjusted dollars compared to growth of 12 percent for Massachusetts statewide.

Figure 7. Plainville Gross Sales (2013 dollars)



Source: Massachusetts Department of Revenue (DOR), Gross Sales (DOR special tabulation)

Figure 8. Plainville Gross Sales, Percent Change from Base Year (2003)



Source: MA DOR, Gross Sales (special tabulation from MA DOR)

Leisure and Hospitality

The Leisure and Hospitality industry is of particular relevance for casino-related research as the planned facility in Plainville will include not just a gambling venue but also restaurants (food services) and retail.^v The Leisure and Hospitality supersector thus includes two industry sectors which may be impacted at the local level: the Accommodations and Food Services sector and the Arts, Entertainment, and Recreation sector. As mentioned in the previous section, employment in Accommodations and Food Services has been growing in Plainville since 2003, however data on the number of jobs or firms in Arts, Entertainment, and Recreation has been suppressed due either to small firm size or too few firms. With these data limitations in mind, over the past ten years, the number of Leisure and Hospitality jobs in Plainville has increased by at least 14 percent, from 512 to 584 disclosed jobs. Employment in this supersector now accounts for at least 15 percent of jobs in the town, with the actual numbers most likely being somewhat higher. The total number of establishments has also increased slightly, from 25 businesses in 2003 to at least 32 total businesses ten years later.

Figure 9. Plainville Leisure and Hospitality Firms and Employment, 2003-2013



Source: OLWD, ES-202 Note: Plainville's 2011-2013 Arts, Entertainment, and Recreation industry employment data are suppressed.

Surrounding Community Business Indicators

While the approach in this analysis is focused on Plainville as a host community, we are also tracking data trends within official surrounding and nearby communities. The following table presents data on municipalities with surrounding community and related agreements.

Table 2. Plainville Surrounding Community Business Indicators

Business Indicators, Plainville and Surrounding Communities	Payroll Employment		Establishments		Average Annual Wages		Gross Sales		Leisure and Hospitality Employment	
	% Change		% Change		% Change		% Change		% of All Jobs	
	Levels (2013)	2009- 2013	Levels (2013)	2009- 2013	Levels (2013)	2009- 2013	Levels (2013) \$m	2009- 2013	Levels (2013)	(2013)
Massachusetts	3,296,932	5.1%	223,667	4.5%	\$61,776	1.1%	\$303,246	14.1%	334,172	10.1%
Plainville	4,035	13.5%	355	8.2%	\$35,672	-4.4%	\$151	-6.1%	584	14.5%
Surrounding Communities										
Attleboro	16,748	1.5%	1,069	0.2%	\$47,476	5.2%	\$665	30.2%	2,145	12.8%
Foxborough	13,160	16.6%	690	9.4%	\$60,580	-4.9%	\$2,053	93.6%	4,227	32.1%
Mansfield	11,548	5.6%	682	7.6%	\$74,620	12.9%	\$1,246	13.6%	1,084	9.4%
North Attleborough	11,430	2.9%	861	-3.5%	\$33,280	1.6%	\$571	44.6%	1,317	11.5%
Wrentham	6,859	14.5%	477	6.2%	\$33,592	-3.6%	\$252	6.0%	724	10.6%

Sources: Massachusetts Office of Labor and Workforce Development (OLWD), Labor Market Information, ES-202; MA Department of Revenue (DOR), Gross Sales (special tabulation from MA DOR). Note: Gross Sales reported in millions. Note: Plainville and Wrentham Arts, Entertainment, and Recreation employment and establishment data were suppressed.

Plainville has smaller payroll employment, numbers of establishments and, generally, gross sales than its surrounding communities, which are diverse according to our business indicators. Payroll employment from FY2009 to FY2013 increased in Plainville and in all of its surrounding communities, though to varying degrees. Establishments grew in Plainville and in most surrounding communities—except in Attleboro and North Attleborough—during that time. In FY2013, average annual wages offered by firms in the surrounding communities ranged from \$33,280 in North Attleborough to \$74,620 in Mansfield in contrast to Plainville’s annual average wages of \$35,672 in that same year. The concentration of leisure and hospitality jobs in Plainville is slightly higher than in most of its surrounding communities. Foxborough, home of Gillette Stadium, was the only surrounding community with a concentration of leisure and hospitality jobs higher than Plainville with 32.1 percent compared to Plainville’s 14.5 percent.

Resident Indicators

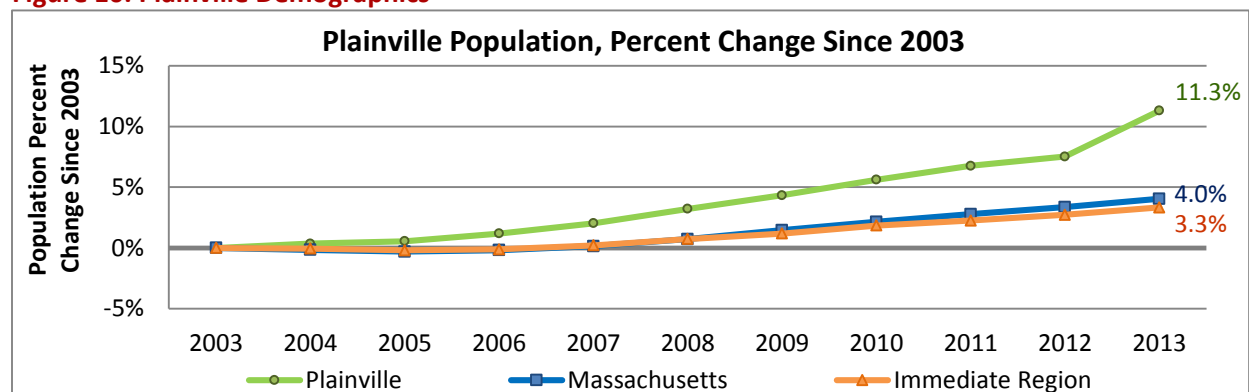
The previous data focused on the businesses and organizations based in Plainville, but information about the residents of the host community is critical to understanding local socioeconomic conditions. The demographics, income, unemployment and poverty rates of residents thus portray an important picture of the population in the host community and region over time.

Population

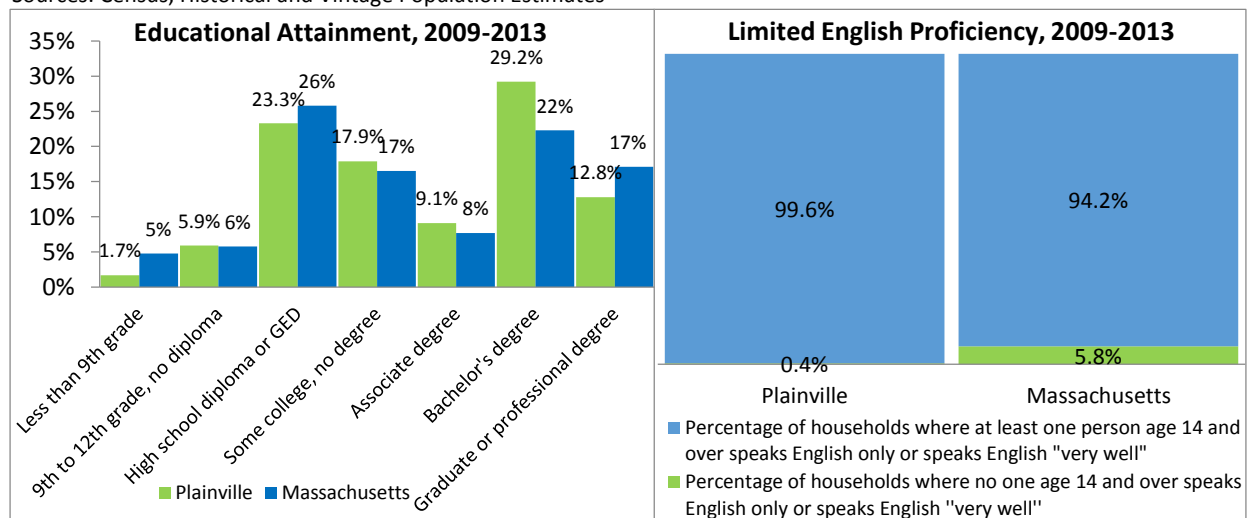
With a population of 8,825, Plainville is a small town by the standards of Eastern Massachusetts, but it has experienced considerable growth in recent history. The population has grown by 11 percent from 2003 to 2013 (an increase of 998 residents) more than double the state’s growth rate over the same period, and also a much faster rate than the immediate region comprised of Norfolk and Bristol counties, that had a population growth rate of a little more than 3 percent.

The most commonly held level of educational attainment of Plainville residents by far is a Bachelor's degree—nearly 30 percent of the population (29.2 percent) have graduated from college with a Bachelor's degree compared to the state rate of approximately 25 percent. Just over half of Plainville residents (51.1 percent) have obtained a degree at the Associate, Bachelor's, graduate, or professional level. This is slightly higher than in the rest of Massachusetts, where 47.1 percent have completed higher education in one of those categories. In particular, 42.0 percent of Plainville adults have obtained a Bachelor's degree or higher compared to 39.4 percent at the state level. In addition, English proficiency is more prevalent in Plainville than in the state as a whole: almost all (99.6 percent) of Plainville households have at least one resident over 14 who speaks only English or who speaks English "very well." In contrast, the rate of household English language proficiency at the state level is 94.2 percent, meaning that 5.8 percent of households across Massachusetts face a linguistic barrier.

Figure 10. Plainville Demographics



Sources: Census, Historical and Vintage Population Estimates ^{viii}



Sources: Census, ACS, 2009-2013

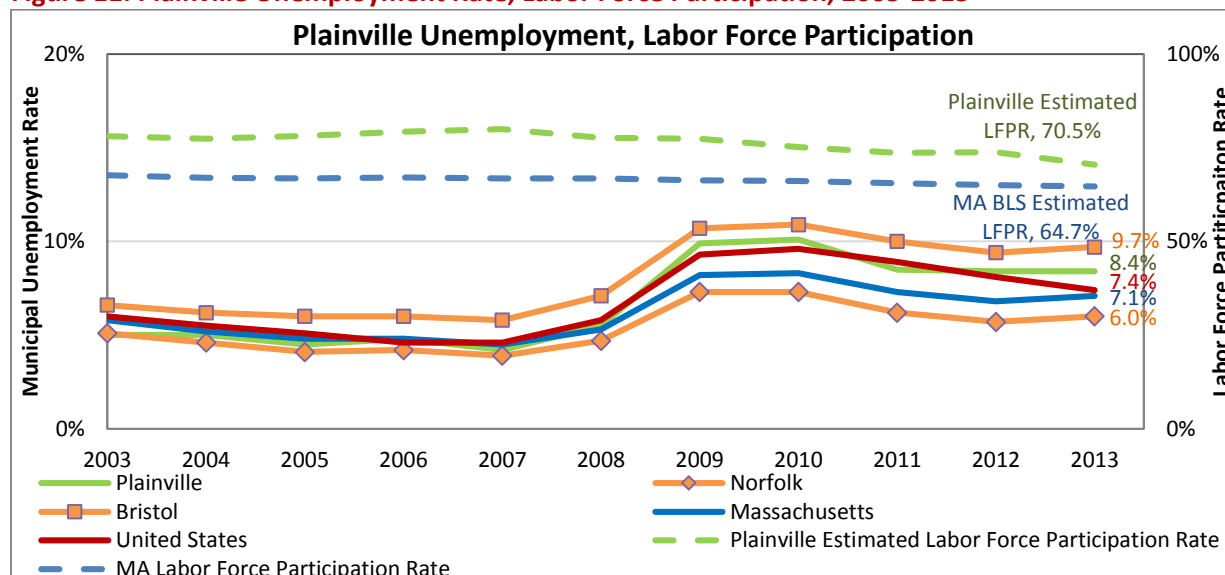
Unemployment

Unemployment and labor force participation rates in Plainville have varied with the state over the recession. While the estimates for Plainville have high margins of error due to the small population size, it does appear that Plainville's unemployment began to exceed the state's rate during the recession and has since remained slightly higher. By 2013, the unemployment rate in Plainville was 8.4 percent, higher than Massachusetts as a whole at 7.1 percent. While unemployment rates can provide a measure of

worker distress, the labor force participation rate is also useful because discouraged workers leave the work force and no longer are measured in the unemployment data. A low labor force participation rate is illustrative of people who are dropping out of the work force altogether, and thus disconnected from the job market. In both Plainville and Massachusetts, labor force participation has been declining; however, Plainville's labor force participation rate appears to be higher throughout the ten-year period. Slight variations in Plainville's rate trends should be interpreted particularly cautiously due to its small population size.

At the state and national levels, labor force participation has continued to drop even while the unemployment rate has decreased, illustrating that workers have not proportionately rejoined the workforce following the most recent recession. This underscores the seriousness of the underlying employment situation. Plainville appears to show similar labor force participation trends to Massachusetts, although Plainville's participation rate is estimated using Census population estimates and LAUS data at the local level and utilizes less reliable data due to the much smaller sample size of the municipality.^{vi}

Figure 11. Plainville Unemployment Rate, Labor Force Participation, 2003-2013

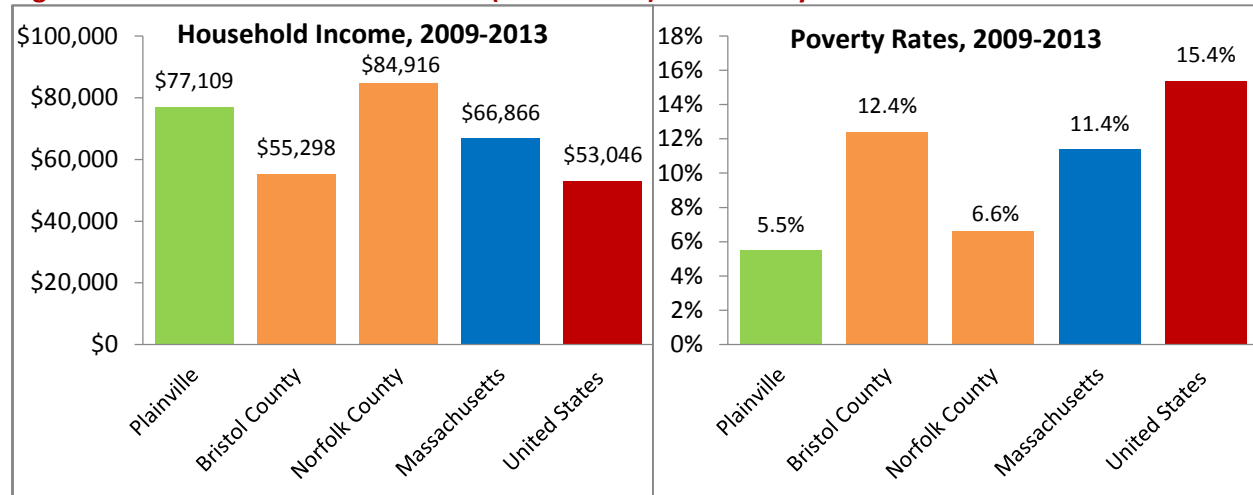


Sources: BLS, LAUS; US Census, Decennial Census and Population Estimates^{viii} Note: Local area estimates such as the data used for Plainville are less reliable than those for larger geographic areas due to small sample sizes. In addition, multiple sources of data were utilized to synthesize the municipal labor force participation rate. For more detail, see Endnotes.^{vi}

Income and Poverty

Plainville's median household income, estimated at \$77,109 in the 2009-2013 ACS data (the most recent data available) is higher than the median Massachusetts household income (estimated at \$66,866 in the same period). Household income is higher than in Bristol County, where the median household income is \$55,298. But Plainville's household income is lower in relation to Norfolk County overall, where the median household income is \$84,916, more than 9 percent higher than in Plainville. The poverty rate in Plainville is estimated to be 5.5 percent. This is significantly less than in Massachusetts as a whole (at 11.4 percent from 2009-2013). Again, due to small sample sizes, true levels and trends may differ somewhat from the estimates and figures should be therefore interpreted with caution. See the notes below the charts for the ranges of margins of error (MOEs), as well as in the tables in the Appendix.

Figure 12. Plainville Household Income (2013 dollars) and Poverty Rate



Source: US Census, ACS. Data represent the following 5-year sets: 2005-2009, 2006-2010, 2007-2011, 2008-2012, and 2009-2013. Poverty rate MOE ranging from +/- 1.8% in the 2005-2009 poverty data to 2.3 in the 2006-2010 data; household income MOE ranging from +/- \$5,579 in the 2005-2009 data to \$3,111 in the 2008-2012 data.

The following table presents data on municipalities in proximity to Plainville with surrounding community and related agreements.

Table 3. Plainville Surrounding Community Socioeconomic Indicators

Resident Indicators, Plainville and Surrounding Communities	Population			Percent High School Diploma or Higher, 2009-2013		Percent Bachelor's Degree or Higher, 2009-2013		Unemployment Rate, 2013	Median Household Income, 2009-2013	Poverty Rate, 2009-2013
	Levels (2013)	% Change 2009- 2013	Limited English Proficiency, 2009-2013							
Massachusetts	6,692,824	2.7%	5.8%	89.4%	39.4%	7.1%	\$66,866	11.4%		
Plainville	8,825	7.9%	0.9%	92.3%	42.0%	8.4%	\$77,109	5.5%		
Surrounding Communities										
Attleboro	43,886	0.9%	2.0%	88.0%	30.1%	9.0%	\$67,039	9.0%		
Foxborough	17,257	3.1%	0.4%	96.5%	44.4%	5.9%	\$91,601	4.0%		
Mansfield	23,566	2.0%	1.4%	96.2%	51.0%	6.1%	\$93,539	4.0%		
North Attleborough	28,801	0.7%	1.4%	94.6%	42.8%	8.1%	\$79,289	4.3%		
Wrentham	11,268	3.6%	0.0%	95.9%	48.9%	6.5%	\$100,574	5.3%		

Sources: US Census Bureau, American Community Survey, 2009-2013; US Bureau of Labor Statistics (BLS), Local Area Unemployment Series (LAUS); and Decennial Census and Population Estimates, US Census Bureau, Population Estimates, Annual Estimates, City and Town Totals: Vintage 2013 (see Endnotes for full source description ^{viii}).

A range of socioeconomic conditions exist across surrounding communities – from lower (Attleboro) to higher (Mansfield, Foxborough and Wrentham). Among surrounding communities, rates of English proficiency are high as are levels of educational attainment. Unemployment rates in 2013 were higher than the state average in Plainville, Attleboro and North Attleborough but median household income levels across this group of towns were universally higher than the state average. Poverty rates in Plainville and its surrounding communities tend to be much lower than the state rate except in Attleboro, which has a rate that is closer to the state rate.

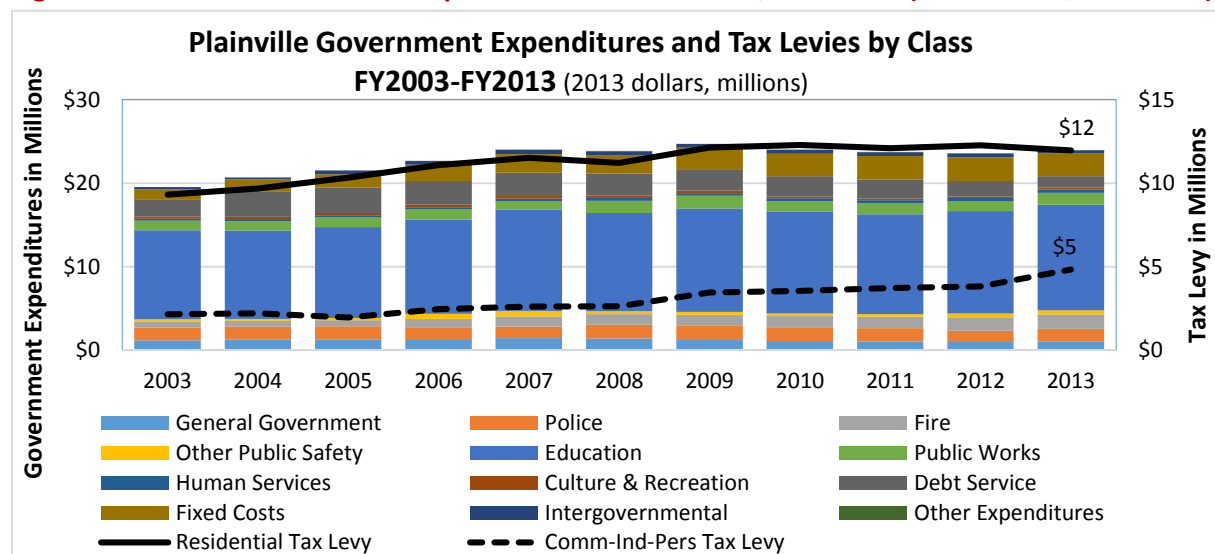
Local Area Fiscal Indicators

This section provides information about fiscal conditions—government revenues and expenditures—including the real estate tax base of the town of Plainville. Examined in detail are Plainville’s operating budget, assessed values of properties, the shares of assessed values and tax contributions by residential, commercial and industrial property owners from FY2003 to FY2013.

Expenditures

Plainville’s operating budget shows that expenditures grew 23 percent from \$19.5 million in FY2003 to \$24 million in FY2013 (in real 2013 dollars). The largest category of public spending in FY2013 was Education by far, followed distantly by Fixed Costs (for example, workers’ compensation, unemployment, health insurance, retirement, etc.), Fire, Police, and Public Works (for example, roads, waste collection, water and sewer, parking garage, street lights, etc.). These same spending categories, with the exception of Police, were the major sources of increased public spending in the ten-year period. Some municipal expenditure categories that could be influenced by the presence of casinos, either directly or indirectly are police, public works and education. Spending on education comprised 53 percent of Plainville’s budget in 2013 compared to the state average of 48 percent.

Figure 13. Plainville Government Expenditures and Tax Levies, 2003-2013 (2013 dollars, in millions)



Source: MA Department of Revenue (DOR), Division of Local Services (DLS) Note: Comm-Ind-Pers Tax Levy denotes Commercial, Industrial and Personal Property

Revenue

Revenue collected from Plainville’s taxes on residential, commercial, industrial, and personal property help fund the town’s operations. Property tax levies represented roughly one half of total revenue throughout the ten-year period. In addition to tax levies, Plainville’s operations are also supported by state aid and local receipts, such as motor vehicle excise fees and taxes collected from hotels and motels. These categories represent 16 and 18 percent, respectively, of the total revenues received by Plainville. State aid has gradually decreased from \$4.9 million (22 percent) to \$4.3 million (16 percent of total revenues) in FY2013, lower than the state average of 20.8 percent in FY2013. Local tax receipts have increased since FY2004 to 18 percent in FY2013. Residential property values rose and then fell during this ten-year period, which includes the recession. Meanwhile, the share of revenue contributed

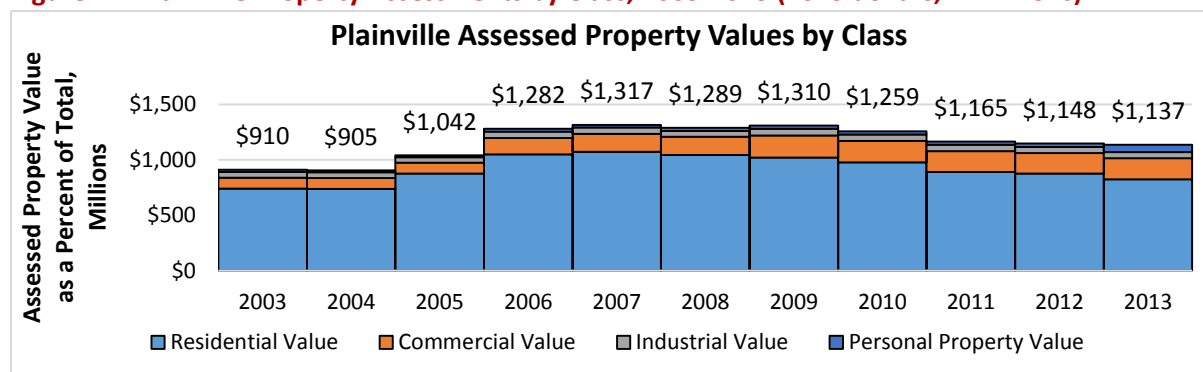
by residential property tax income also rose and fell and has not yet recovered. Commercial property levies contributed an increasing share of the total revenue over the ten-year period.

Assessed Property Values by Class

Property tax revenue is largely a function of property tax rates (dollars per \$1,000 in value) and the assessed value of property. Total assessed values in FY2013 were higher by 25 percent than FY2003 values in real 2013 dollars, an increase of \$227 million. Total assessed values also increased in nominal terms.

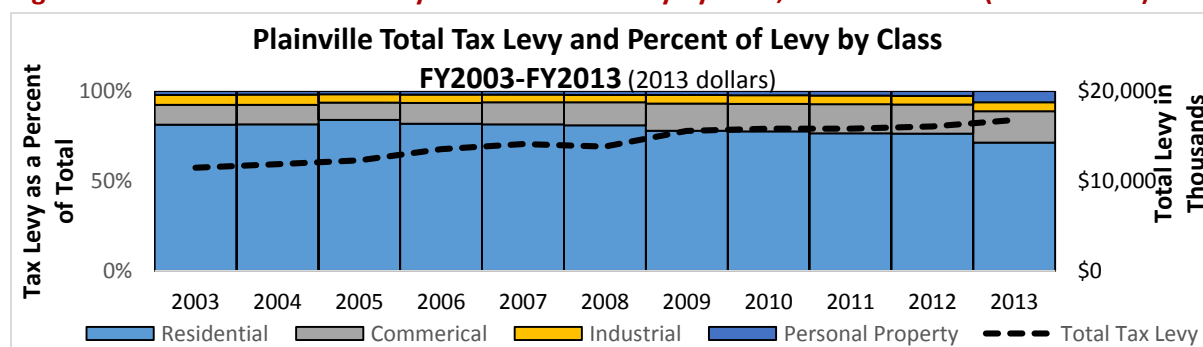
As in Massachusetts as a whole, the recent recession appears to have hit hard. Plainville's commercial and industrial assessed values have decreased by 5 percent and 11 percent, respectively, since 2009 and residential assessed values have fallen by 19 percent. Total assessed values in Plainville rose from \$910 million to \$1.3 billion prior to the recession, FY2003 to FY2007. Total assessed value has not fully recovered from its FY2007 peak and has declined slightly from FY2011 to FY 2013. Plainville's assessed commercial property values rose from \$100.9 million in FY2003 to \$189.6 million in FY2013, an 88 percent increase. Total assessed industrial values have increased slightly, from \$51.2 million in FY2003 to \$54.3 million in FY2013. Assessed residential property values have continued to comprise the largest share, consistently over 70 percent of total assessed property values. Residential assessed values increased by 12 percent from \$739.5 million to \$825.9 million over the ten-year period.

Figure 14. Plainville Property Assessments by Class, 2003-2013 (2013 dollars, in millions)



Source: MA DOR, DLS

Figure 15. Plainville Total Tax Levy and Percent of Levy by Class, FY2003-FY2013 (2013 dollars)

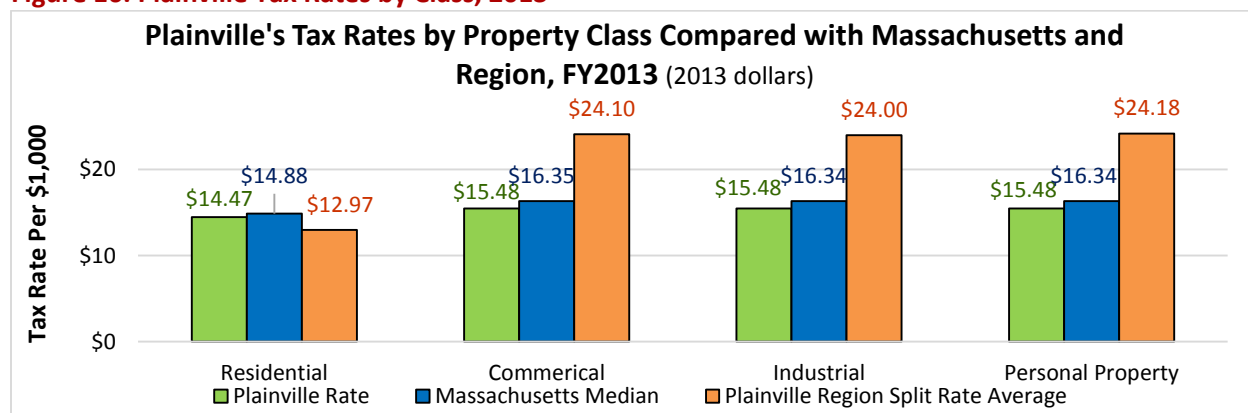


Source: MA DOR, DLS

Property Tax Revenue

Tax rates have increased several times over the ten-year period, which helped modulate potential revenue losses stemming from decreases in assessed value during the recession. Total property tax collections grew by 46 percent, faster than total assessed values, from \$11.4 million in FY2003 to \$16.8 million in FY2013 as rates have tended to steadily increase since 2003. The residential property levy has been the largest contributor of tax revenue throughout the FY2003-2013 period, and the commercial property levy has grown steadily in its share over the ten-year period. The industrial and personal property levies occupied the smallest shares of the total property tax collections and have stayed relatively stable in their share of tax revenue since the recession.

Figure 16. Plainville Tax Rates by Class, 2013



Source: MA DOR, DLS. Note: The Massachusetts Median represents the median tax rate of all cities and towns in Massachusetts. The Plainville Region Split Rate Average represents the mean tax rate of all cities and towns in Bristol and Norfolk counties that have a split tax rate.

Consistent with Plainville's split rate system, residential properties are taxed at a slightly lower rate than commercial, industrial and personal property. In 2013, residential property tax rates were slightly lower than the Massachusetts median but slightly higher than the regional average.^{vii} The commercial, industrial and personal property tax rate of \$15.48 per \$1,000 of value is slightly lower than the statewide median and much lower than the Plainville region split rate average.

As a point of reference for surrounding and nearby communities, the following table presents data on municipalities in proximity to Plainville with surrounding community and related agreements.

Table 4. Plainville Surrounding Community Sources of Government Revenue (2013 dollars, in millions)

Fiscal Indicators, Plainville and Surrounding Communities (\$m)	Tax Levy		State Aid		Local Receipts		All Other	
	2013	Percent Change 2009-2013	2013	Percent Change 2009-2013	2013	Percent Change 2009-2013	2013	Percent Change 2009-2013
Revenue								
All Municipalities	\$13,439	7.1%	\$4,863	-15.9%	\$4,165	-4.0%	\$917	-13.6%
Plainville	\$17	7.6%	\$4	-22.1%	\$5	-8.8%	\$2	29.3%
Surrounding Communities								
Attleboro	\$59	5.8%	\$41	-12.3%	\$26	-8.8%	\$2	210.2%
Foxborough	\$38	18.1%	\$10	-19.2%	\$13	6.9%	\$5	21.6%
Mansfield	\$49	5.6%	\$22	-11.3%	\$15	-3.2%	\$3	-36.5%
North Attleborough	\$43	3.7%	\$24	-17.6%	\$18	-1.6%	\$4	-20.2%
Wrentham	\$26	6.0%	\$5	-19.9%	\$4	-9.1%	\$2	-17.8%
Percent of Total Budget								
State Average	57.5%	8.7%	20.8%	-14.7%	17.8%	-2.6%	3.9%	-12.3%
Plainville	61.0%	8.3%	15.7%	-21.6%	17.7%	-8.3%	5.6%	30.1%
Surrounding Communities								
Attleboro	45.7%	8.7%	32.1%	-9.9%	20.4%	-6.3%	1.9%	219.0%
Foxborough	57.8%	9.0%	15.5%	-25.4%	19.7%	-1.4%	7.1%	12.3%
Mansfield	55.2%	8.2%	24.8%	-9.1%	17.1%	-0.8%	2.9%	-34.9%
North Attleborough	48.1%	9.4%	27.0%	-13.0%	20.4%	3.9%	4.6%	-15.7%
Wrentham	70.7%	7.7%	12.8%	-18.7%	10.0%	-7.7%	6.6%	-16.4%

Sources: MA DOR, DLS

Plainville and most surrounding communities support themselves predominantly through tax levies. Proportions of state aid are higher in Attleboro, North Attleborough and Mansfield, and lower in Wrentham and Foxborough. The proportion of Plainville's local receipts – raised through things like motor vehicle excise taxes and hotel and meals taxes – is comparable to surrounding communities with the exception of Wrentham which raises relatively lower amounts of revenue through local receipts.

Appendix A

Industrial Base and Business Indicators

Employment, Establishments and Wages

Table 5. Plainville Payroll Employment and Establishments, 2003-2013

Employment and Establishments	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003-2013	Percent Change 2009-2013	Total Change 2003-2013
Employment														
Plainville	3,180	3,286	3,481	3,895	4,116	4,048	3,554	3,968	3,971	3,991	4,035	27%	14%	855
Immediate Region	533,688	535,213	537,032	540,343	544,187	540,700	517,833	519,997	525,437	531,564	543,938	2%	5%	10,250
Massachusetts	3,110,706	3,106,453	3,127,113	3,160,389	3,195,808	3,202,339	3,095,144	3,114,879	3,148,635	3,199,328	3,251,919	5%	5%	141,213
United States	127,795,827	129,278,176	131,571,623	133,833,834	135,366,106	134,805,659	128,607,842	127,820,442	129,411,095	131,696,378	133,968,434	5%	4%	6,172,607
Establishments														
Plainville	291	309	311	319	336	333	328	345	347	352	355	22%	14%	64
Immediate Region	36,526	37,570	36,991	37,144	38,077	39,224	38,942	40,887	40,418	39,489	39,616	8%	5%	3,090
Massachusetts	195,347	200,875	196,630	197,171	199,174	200,518	200,967	209,261	211,514	207,548	210,337	8%	5%	14,990
United States	8,228,840	8,364,795	8,571,144	8,784,027	8,971,897	9,082,049	9,003,197	8,993,109	9,072,796	9,121,868	9,205,888	12%	4%	977,048

Sources: Massachusetts – Massachusetts Office of Labor and Workforce Development (OLWD), Labor Market Information, ES-202; US – US Bureau of Labor Statistics (BLS), Quarterly Census of Employment and Wages (QCEW) Note: The immediate region for Plainville is defined as Norfolk and Bristol counties.

Table 6. Plainville Employment and Establishments, Percent Change from Base Year (2003)

Employment and Establishments	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Employment											
Plainville	100.0%	103.3%	109.5%	122.5%	129.4%	127.3%	111.8%	124.8%	124.9%	125.5%	126.9%
Immediate Region	100.0%	100.3%	100.6%	101.2%	102.0%	101.3%	97.0%	97.4%	98.5%	99.6%	101.9%
Massachusetts	100.0%	99.9%	100.5%	101.6%	102.7%	102.9%	99.5%	100.1%	101.2%	102.8%	104.5%
United States	100.0%	101.2%	103.0%	104.7%	105.9%	105.5%	100.6%	100.0%	101.3%	103.1%	104.8%
Establishments											
Plainville	100.0%	106.2%	106.9%	109.6%	115.5%	114.4%	112.7%	118.6%	119.2%	121.0%	122.0%
Immediate Region	100.0%	102.9%	101.3%	101.7%	104.2%	107.4%	106.6%	111.9%	110.7%	108.1%	108.5%
Massachusetts	100.0%	102.8%	100.7%	100.9%	102.0%	102.6%	102.9%	107.1%	108.3%	106.2%	107.7%
United States	100.0%	101.7%	104.2%	106.7%	109.0%	110.4%	109.4%	109.3%	110.3%	110.9%	111.9%

Sources: OLWD, ES-202; BLS, QCEW Note: The immediate region for Plainville is defined as Norfolk and Bristol counties.

Table 7. Plainville Annual Average Wages, 2003-2013

Average Annual Wages	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003-2013	Percent Change 2009-2013	Total Change 2003-2013
Plainville	\$ 48,521	\$ 43,415	\$ 42,178	\$ 42,422	\$ 42,007	\$ 38,428	\$ 37,323	\$ 36,776	\$ 36,405	\$ 36,142	\$35,672	-26%	-3%	-\$12,849
Immediate Region	\$ 52,422	\$ 52,817	\$ 52,136	\$ 53,776	\$ 53,467	\$ 53,085	\$ 52,769	\$ 52,995	\$ 52,841	\$ 53,090	\$52,838	1%	0%	\$415
Massachusetts	\$ 58,660	\$ 60,344	\$ 59,731	\$ 60,569	\$ 62,105	\$ 61,440	\$ 61,095	\$ 61,775	\$ 61,770	\$ 61,784	\$61,776	5%	1%	\$3,116
United States	\$ 47,797	\$ 48,545	\$ 48,505	\$ 49,152	\$ 49,953	\$ 49,287	\$ 49,463	\$ 49,943	\$ 49,761	\$ 50,018	\$49,816	4%	1%	\$2,019

Sources: OLWD, ES-202; BLS, QCEW

Industry Mix

Table 8. Plainville Employment by Industry, 2003-2013

Employment	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003-2013	Percent Change 2009-2013	Total Change 2003-2013
Retail Trade	156	160	332	494	555	678	693	742	817	830	838	437%	21%	682
Accommodation and Food Services	311	393	469	580	570	564	540	578	589	595	584	88%	8%	273
Health Care and Social Assistance	176	188	191	194	238	255	259	317	300	300	463	163%	79%	287
Manufacturing	666	642	553	524	501	520	456	421	452	479	434	-35%	-5%	-232
Administrative and Waste Services	149	154	162	200	307	355	286	653	603	527	385	158%	35%	236
Construction	695	762	753	868	919	778	415	341	325	310	341	-51%	-18%	-354
Educational Services	160	166	170	0	0	0	194	0	183	180	196	23%	1%	36
Professional and Technical Services	117	103	103	114	104	92	96	97	102	112	138	18%	44%	21
Other Services, Ex. Public Admin	101	106	102	116	127	120	122	120	122	141	117	16%	-4%	16
Finance and Insurance	42	39	59	64	69	55	63	78	74	82	79	88%	25%	37
Wholesale Trade	166	165	186	171	155	66	53	67	68	78	71	-57%	34%	-95
Transportation and Warehousing	56	60	55	65	38	37	36	40	42	50	60	7%	67%	4
Real Estate and Rental and Leasing	50	38	39	36	35	33	30	24	24	27	47	-6%	57%	-3
Information	47	28	0	11	12	12	12	12	11	10	10	-79%	-17%	-37
Mgmt of Companies/Enterprises	0	0	0	0	0	0	0	0	0	0	9	0%	0%	9
Arts, Entertainment, and Recreation	201	194	196	182	204	204	193	188	0	0	0	-100%	-100%	-201
Industry not known	87	88	111	276	282	279	106	290	259	270	263	202%	148%	176
Plainville Total	3,180	3,286	3,481	3,895	4,116	4,048	3,554	3,968	3,971	3,991	4,035	27%	14%	855

Source: OLWD, ES-202 Note: "Industry not known" includes both Public Administration and Educational Services, which cannot be identified or broken out separately due to suppression. In January 2013 a revision in the NAICS coding system reclassified establishments that provide non-medical, home-based services for the elderly and persons with disabilities were reclassified from the Other Services sector (81) to the Healthcare and Social Assistance sector (62).^{iv}

Business Sales

Table 9. Plainville Gross Sales (2013 dollars, in millions)

Gross Sales	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003-2013	Percent Change 2009-2013	Total Change 2003-2013
Plainville	\$ 204	\$ 269	\$ 207	\$ 204	\$ 204	\$ 165	\$ 161	\$ 165	\$ 173	\$ 169	\$ 151	-26%	-6%	-\$52
All MA towns	\$ 270,519	\$ 283,130	\$ 289,405	\$ 297,415	\$ 297,863	\$ 289,991	\$ 265,752	\$ 275,115	\$ 282,854	\$ 285,253	\$ 303,246	12%	14%	\$32,727

Source: MA Department of Revenue (DOR), Gross Sales (special tabulation from MA DOR) Note: Many firms report by location of headquarters, not branches, which can distort the town-level reporting, and a significant proportion of companies operating in MA have headquarters in other states, which can lower the total reported within the data significantly.

Leisure and Hospitality

Table 10. Plainville Leisure/Hospitality Firms and Employment, 2003-2013

Employment	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003-2013	Percent Change 2009-2013	Total Change 2003-2013
Plainville Leisure/Hospitality Firms	25	27	33	33	35	37	39	41	33	33	32	28%	-18%	7
Accommodation and Food Services	18	20	25	27	27	28	29	34	33	33	32	78%	10%	14
Arts, Entertainment, and Recreation	7	7	8	6	8	9	10	7	0	0	0	-100%	-100%	-7
Plainville Total Firms	286	304	302	308	325	321	322	331	334	337	342	20%	6%	56
Plainville Leisure/Hospitality Jobs	512	587	665	762	774	768	733	766	589	595	584	14%	-20%	72
Accommodation and Food Services	311	393	469	580	570	564	540	578	589	595	584	88%	8%	273
Arts, Entertainment, and Recreation	201	194	196	182	204	204	193	188	0	0	0	-100%	-100%	-201
Plainville Total Employment	3,180	3,286	3,481	3,895	4,116	4,048	3,554	3,968	3,971	3,991	4,035	27%	14%	855

Source: OLWD, ES-202 Note: Plainville Arts, Entertainment, and Recreation employment data were suppressed from 2011 to 2013

Resident Indicators

Unemployment

Table 11. Plainville Unemployment Rate, Labor Force Participation, 2003-2013

Unemployment Rate	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percentage Point Change 2003-2013	Percentage Point Change 2009-2013
Plainville	5.0%	5.0%	4.5%	4.8%	4.2%	5.5%	9.9%	10.1%	8.5%	8.4%	8.4%	3.4%	-1.5%
Bristol	6.6%	6.2%	6.0%	6.0%	5.8%	7.1%	10.7%	10.9%	10.0%	9.4%	9.7%	3.1%	-1.0%
Norfolk	5.1%	4.6%	4.1%	4.2%	3.9%	4.7%	7.3%	7.3%	6.2%	5.7%	6.0%	0.9%	-1.3%
Massachusetts	5.8%	5.2%	4.8%	4.8%	4.5%	5.3%	8.2%	8.3%	7.3%	6.8%	7.1%	1.3%	-1.1%
United States	6.0%	5.5%	5.1%	4.6%	4.6%	5.8%	9.3%	9.6%	8.9%	8.1%	7.4%	1.4%	-1.9%
Labor Force Participation Rate													
Plainville	78.1%	77.4%	78.1%	79.3%	80.0%	77.6%	77.4%	75.2%	73.6%	73.9%	70.5%	-7.6%	-6.9%
Massachusetts	67.7%	67.0%	66.8%	67.1%	66.8%	66.8%	66.3%	66.1%	65.5%	65.0%	64.7%	-3.0%	-1.6%
United States	66.2%	66.0%	66.0%	66.2%	66.0%	66.0%	65.4%	64.7%	64.1%	63.7%	63.2%	-3.0%	-2.2%

Sources: Massachusetts – US Bureau of Labor Statistics (BLS), Local Area Unemployment Series (LAUS); US – BLS Current Population Survey (CPS) Plainville – US Bureau of Labor Statistics (BLS), Local Area Unemployment Series (LAUS); and Decennial Census and Population Estimates, US Census ^{vi, viii}

Workplace Location

Table 12. Workplace Location of Plainville Workers, 2006-2010

Top Ten Commuting Destinations for Plainville Residents	Number of Workers Commuting from Plainville	Percentage of Total
Plainville	471	10.8%
Wrentham	412	9.5%
Boston	375	8.6%
North Attleborough	343	7.9%
Mansfield	300	6.9%
Foxborough	211	4.8%
Walpole	187	4.3%
Attleboro	170	3.9%
Norwood	161	3.7%
Quincy	115	2.6%
All Other	1,609	37.0%
Total	4,354	100%

Table 13. Place of Residence for Workers in Plainville, 2006-2010

Top Ten Places of Residence for Workers in Plainville	Number of Workers Commuting to Plainville	Percentage of Total
Attleboro	495	14.4%
Plainville	471	13.7%
North Attleborough	400	11.6%
Foxborough	182	5.3%
Norton	157	4.6%
Mansfield	141	4.1%
Providence, RI	132	3.8%
Wrentham	126	3.7%
Pawtucket, RI	96	2.8%
Malden	72	2.1%
All Other	1,170	34.0%
Total	3,442	100%

Sources: Census, ACS, special tabulation (Residence MCD/County to Workplace MCD/County Flows for the United States and Puerto Rico Sorted by Workplace Geography, 2006-2010)

Population

Table 14. Plainville Population, 2003-2013

Population	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003-2013	Percent Change 2009-2013	Total Change 2003-2013
Plainville	7,827	7,855	7,870	7,921	7,989	8,087	8,182	8,292	8,394	8,464	8,825	13%	8%	998
Immediate Region	1,199,313	1,198,618	1,196,975	1,197,908	1,201,870	1,208,159	1,213,625	1,221,806	1,226,881	1,232,934	1,240,582	3%	2%	41,269
Massachusetts	6,422,565	6,412,281	6,403,290	6,410,084	6,431,559	6,468,967	6,517,613	6,563,263	6,606,285	6,645,303	6,692,824	4%	3%	270,259

Sources: US Census Bureau, Population Estimates, Historical population estimates and US Census Bureau, Population Estimates, Annual Estimates, City and Town Totals: Vintage 2013 (see endnote for full source description^{viii})

Limited English Proficiency

Table 15. Plainville Limited English Proficiency, 2009-2013

Plainville Limited English Proficiency	Percentage of households where no one age 14 and over speaks English only or speaks English "very well"	Percentage of households where at least one person age 14 and over speaks English only or speaks English "very well"
Plainville	0.4%	99.6%
Bristol	5.8%	94.2%
Norfolk	3.9%	96.1%
Massachusetts	5.8%	94.2%
United States	4.6%	95.4%

Source: Census, ACS

Educational Attainment

Table 16. Plainville Educational Attainment, 2009-2013

Educational Attainment, Population 25 and Over	Less than 9th grade	9th to 12th grade, no diploma	High school diploma or GED	Some college, no degree	Associate degree	Bachelor's degree	Graduate or professional degree
Plainville	1.7%	5.9%	23.3%	17.9%	9.1%	29.2%	12.8%
Bristol	9.2%	8.9%	30.2%	17.7%	8.8%	16.5%	8.8%
Norfolk	2.8%	3.5%	21.7%	15.1%	7.8%	27.3%	22.0%
Massachusetts	4.8%	5.8%	25.8%	16.5%	7.7%	22.3%	17.1%
United States	5.9%	8.0%	28.1%	21.2%	7.8%	18.0%	10.8%

Source: Census, ACS

Income and Poverty

Table 17. Plainville Household Income (2013 dollars)

Household Income (ACS 5YR, B19013)	2005- 2009 HH Income	2005- 2009 HH Income Margin of Error	2009- 2013 HH Income	2009- 2013 HH Income Margin of Error
Plainville	\$76,519	6,683	\$77,109	23,026
Bristol County	\$60,579	758	\$55,298	906
Norfolk County	\$87,007	1,010	\$84,916	1,225
Massachusetts	\$70,034	321	\$66,866	318
United States	\$55,840	83	\$53,046	89

Source: Census, ACS

Table 18. Plainville Poverty Rate

Poverty Rate (ACS 5YR, S1701)	2005- 2009 Poverty Rate	2005- 2009 Poverty Rate Margin of Error	2009- 2013 Poverty Rate	2009- 2013 Poverty Rate Margin of Error
Plainville	3.7%	1.9	5.5%	2.5
Bristol County	10.7%	0.5	12.4%	0.5
Norfolk County	6.0%	0.3	6.6%	0.3
Massachusetts	10.1%	0.2	11.4%	0.2
United States	13.5%	0.1	15.4%	0.1

Source: Census, ACS

Local Area Fiscal Indicators

Budget Expenditures and Revenues

Table 19. Plainville Government Expenditures and Tax Levies, 2003-2013, (2013 dollars, in millions)

Government Expenditures	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent		
												Percent of Total	Change 2003-2013	Percent Change
	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
Plainville Total Expenditures	\$19.5	\$20.7	\$21.5	\$22.7	\$24.0	\$23.8	\$24.7	\$24.0	\$23.7	\$36.2	\$24.0	100%	23%	-3%
General Government	\$1.2	\$1.2	\$1.3	\$1.3	\$1.4	\$1.4	\$1.2	\$1.1	\$1.0	\$1.0	\$1.0	4%	-12%	-14%
Police	\$1.5	\$1.6	\$1.6	\$1.4	\$1.4	\$1.7	\$1.7	\$1.7	\$1.6	\$1.3	\$1.5	6%	0%	-13%
Fire	\$0.7	\$0.7	\$0.7	\$1.0	\$1.3	\$1.2	\$1.3	\$1.3	\$1.4	\$1.6	\$1.7	7%	130%	34%
Other Public Safety	\$0.3	\$0.2	\$0.3	\$0.6	\$0.7	\$0.4	\$0.3	\$0.3	\$0.3	\$0.5	\$0.5	2%	98%	47%
Education	\$10.7	\$10.6	\$10.9	\$11.3	\$12.1	\$11.8	\$12.4	\$12.2	\$12.0	\$12.3	\$12.7	53%	18%	2%
Public Works	\$1.1	\$1.1	\$1.2	\$1.2	\$1.0	\$1.5	\$1.5	\$1.2	\$1.3	\$1.2	\$1.4	6%	26%	-7%
Human Services	\$0.2	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.4	\$0.4	\$0.4	2%	70%	18%
Culture & Recreation	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.3	\$0.2	\$0.2	\$0.2	\$0.2	1%	-9%	-10%
Debt Service	\$2.0	\$3.1	\$3.0	\$2.9	\$2.8	\$2.6	\$2.6	\$2.4	\$2.3	\$14.5	\$1.4	6%	-31%	-47%
Fixed Costs	\$1.3	\$1.4	\$1.6	\$1.9	\$2.2	\$2.2	\$2.6	\$2.7	\$2.8	\$2.8	\$2.8	12%	115%	8%
Intergovernmental	\$0.2	\$0.2	\$0.4	\$0.5	\$0.5	\$0.5	\$0.4	\$0.5	\$0.5	\$0.5	\$0.3	1%	39%	-23%
Other Expenditures	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	0%	-	-
Plainville Total Tax Levies	\$11.5	\$11.9	\$12.3	\$13.5	\$14.1	\$13.8	\$15.6	\$15.8	\$15.8	\$16.1	\$16.8	100%	46%	8%
Residential Tax Levy	\$9.3	\$9.7	\$10.3	\$11.1	\$11.5	\$11.2	\$12.1	\$12.3	\$12.1	\$12.3	\$12.0	71%	28%	-2%
Comm-Ind-Pers Tax Levy	\$2.1	\$2.2	\$2.0	\$2.5	\$2.6	\$2.6	\$3.4	\$3.5	\$3.7	\$3.8	\$4.8	29%	124%	40%

Source: MA DOR, DLS Note: Comm-Ind-Pers Tax Levy denotes Commercial, Industrial and Personal Property.

Table 20. Plainville Revenues by Source 2003-2013, (2013 dollars, in millions)

Plainville Revenues by Source												Percent Change	Percent Change	Total Change
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2003-2013	2009-2013	2003-2013
Revenues (In \$Millions)														
Tax Levy	\$11.5	\$11.9	\$12.3	\$13.5	\$14.1	\$13.8	\$15.6	\$15.8	\$15.8	\$16.1	\$16.8	46%	8%	\$5.3
State Aid	\$4.9	\$5.6	\$5.5	\$5.5	\$5.7	\$5.6	\$5.5	\$5.0	\$4.7	\$4.6	\$4.3	-12%	-22%	-\$0.6
Local Receipts	\$4.0	\$4.3	\$4.4	\$4.4	\$4.8	\$4.7	\$5.3	\$4.8	\$4.7	\$4.9	\$4.9	21%	-9%	\$0.9
All Other	\$2.1	\$1.8	\$2.7	\$3.8	\$2.8	\$2.2	\$1.2	\$1.1	\$0.7	\$1.7	\$1.5	-27%	29%	-\$0.6
Total Receipts	\$22.5	\$23.6	\$24.9	\$27.1	\$27.4	\$26.3	\$27.6	\$26.7	\$25.9	\$27.2	\$27.5	22%	-1%	\$5.0
Revenues (Percent of Total)														
Tax Levy	51.0%	50.4%	49.4%	49.9%	51.5%	52.6%	56.4%	59.2%	61.0%	59.0%	61.0%	0.20	0.08	10%
State Aid	21.9%	23.9%	22.2%	20.1%	20.8%	21.2%	20.0%	18.7%	18.1%	17.0%	15.7%	-0.28	-0.22	-6%
Local Receipts	17.9%	18.3%	17.7%	16.1%	17.6%	17.9%	19.3%	18.0%	18.1%	17.9%	17.7%	-0.01	-0.08	0%
All Other	9.3%	7.5%	10.8%	13.9%	10.1%	8.3%	4.3%	4.1%	2.8%	6.1%	5.6%	-0.40	0.30	-4%
Massachusetts Average														
Tax Levy	50.8%	52.8%	53.2%	53.0%	52.6%	52.6%	52.9%	55.3%	56.8%	57.5%	57.5%	0.13	0.09	7%
State Aid	27.1%	24.6%	24.3%	24.2%	24.7%	24.5%	24.4%	22.2%	21.1%	20.7%	20.8%	-0.23	-0.15	-6%
Local Receipts	17.1%	17.6%	17.8%	18.1%	18.3%	18.6%	18.3%	17.8%	18.2%	17.9%	17.8%	0.04	-0.03	1%
All Other	5.0%	5.0%	4.7%	4.6%	4.4%	4.4%	4.5%	4.6%	3.9%	3.9%	3.9%	-0.22	-0.12	-1%

Source: MA DOR, DLS

Assessed Property Values by Class

Table 21. Plainville Property Assessments by Class, 2003-2013, (2013 dollars, in millions)

Plainville Assessed Property Values	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent Change 2003- 2013	Percent Change 2009- 2013	Total Change 2003- 2013
Residential	\$740	\$737	\$876	\$1,049	\$1,074	\$1,044	\$1,021	\$977	\$891	\$876	\$826	12%	-19%	\$86
Commercial	\$101	\$99	\$99	\$147	\$162	\$164	\$200	\$193	\$188	\$186	\$190	88%	-5%	\$89
Industrial	\$51	\$51	\$48	\$59	\$56	\$54	\$61	\$60	\$58	\$56	\$54	6%	-11%	\$3
Personal Property	\$19	\$18	\$19	\$26	\$25	\$26	\$29	\$28	\$28	\$30	\$67	263%	136%	\$49
Total Assessed Value	\$910	\$905	\$1,042	\$1,282	\$1,317	\$1,289	\$1,310	\$1,259	\$1,165	\$1,148	\$1,137	25%	-13%	\$227

Source: MA DOR, DLS

Tax Rates and Property Assessments by Class

Table 22. Plainville Tax Levies by Class, 2003-2013, (2013 dollars, in millions)

Tax Levies in Plainville	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Percent of Total 2013	Percent Change 2003-2013	Percent Change 2009-2013
Residential	\$9.3	\$9.7	\$10.3	\$11.1	\$11.5	\$11.2	\$12.1	\$12.3	\$12.1	\$12.3	\$12.0	71%	28%	-2%
Commerical	\$1.3	\$1.3	\$1.2	\$1.6	\$1.7	\$1.8	\$2.4	\$2.4	\$2.6	\$2.6	\$2.9	18%	131%	24%
Industrial	\$0.6	\$0.7	\$0.6	\$0.6	\$0.6	\$0.6	\$0.7	\$0.8	\$0.8	\$0.8	\$0.8	5%	30%	16%
Personal Property	\$0.2	\$0.2	\$0.2	\$0.3	\$0.3	\$0.3	\$0.3	\$0.4	\$0.4	\$0.4	\$1.0	6%	346%	207%
Total Tax Levy	\$11.5	\$11.9	\$12.3	\$13.5	\$14.1	\$13.8	\$15.6	\$15.8	\$15.8	\$16.1	\$16.8	100%	46%	8%

Source: MA DOR, DLS

Table 23. Plainville Tax Rates by Class, 2013

Tax Rates, per \$1,000 in FY 2013 (2013 Dollars)	Plainville Rate	Massachusetts Median	Plainville Region Split Rate Average
Residential	\$14.47	\$14.88	\$12.97
Commerical	\$15.48	\$16.35	\$24.10
Industrial	\$15.48	\$16.34	\$24.00
Personal Property	\$15.48	\$16.34	\$24.18

Source: MA DOR, DLS. Note: The Massachusetts Median represents the median tax rate of all cities and towns in Massachusetts. The Plainville Region Split Rate Average represents the mean tax rate of all cities and towns in Bristol and Norfolk counties that have a split tax rate.

Endnotes

ⁱ This baseline focuses on official host communities as of winter 2015, pending host community agreement ratifications in Region C.

ⁱⁱ For details about the research plan see *Report on the Research Agenda of the Massachusetts Gaming Commission*, December 18, 2013. <http://www.umass.edu/seigma/reports>.

ⁱⁱⁱ A supersector is a broader grouping of industry sectors.

^{iv} According to the U.S. Bureau of Labor Statistics, “the QCEW program also reviewed establishments that provide non-medical, home-based services for the elderly and persons with disabilities and classified these establishments into services for the elderly and persons with disabilities (NAICS 624120). Many of these establishments were previously classified in the private households industry”. For more information about this reclassification in the QCEW, please consult the U.S. Bureau of Labor Statistics’ *County Employment and Wages News Release*, September 26, 2013 USDL-13-1942 (p. 5). http://www.bls.gov/news.release/archives/cewqtr_09262013.pdf

^v Additional change could occur for these types of businesses as an increase or decrease in the number of firms or amount of employment, depending on changes that happen in visitor and resident spending behavior, or changes in costs faced by Leisure and Hospitality businesses. Change is already occurring, so to determine what may be due to the presence of casinos, community comparisons, qualitative information, and statistical and economic impact analysis can help shed light on what portion of the change, if any, may be due to casinos.

^{vi} Local area estimates such as these are less reliable than those for larger geographic areas due to small sample sizes. In addition, multiple sources of data were used to synthesize the municipal labor force participation rates. A local estimate of the labor force participation rate at the municipal level was created by dividing the labor force count reported in the BLS’ LAUS data by an estimate of local population created using the following method: a linear interpolation based on the percent of the population age 16 or over in each town measured in Census 2000 and Census 2010 applied to the total population estimate for each town, projected linearly from 2000 to 2010 and past 2010 through 2013, resulting in an estimated population age 16 or over as the denominator for the local estimated labor force participation rate. This method varies from the BLS method for calculating the labor force participation rates for states and the nation, as the BLS method has its own population estimation and excludes non-civilian and institutionalized populations from the denominator.

^{vii} A split tax rate refers to a system in which the tax levy on commercial, industrial and personal properties is higher than that on residential properties. Communities do not have a split tax rate if the tax rate on residential, commercial, industrial, and personal properties is the same. The Plainville Split Rate Average refers to the average of the tax rates of those cities and towns in Bristol and Norfolk counties that have a split tax rate.

^{viii} Full description of sources: US Census Bureau, Population Estimates, Historical population estimates, City and Town Intercensal Estimates (2000-2010) Intercensal Estimates of the Resident Population for Incorporated Places and Minor Civil Divisions: April 1, 2000 to July 1, 2010 for 2000-2009 (Historical Pop. Est.); and US Census Bureau, Population Estimates, Annual Estimates, City and Town Totals: Vintage 2013, Incorporated Places and Minor Civil Divisions Datasets: Subcounty Resident Population Estimates: April 1, 2010 to July 1, 2013 for 2010-2013 (Vintage Pop. Est.) Note: All data are estimated. Estimates for 2010-2013 will change in 2014 vintage data release in 2015. The immediate region for Plainville is defined as Norfolk and Bristol counties.