



The Research Bureau

Worcester **ALMANAC**

2021



The Worcester Regional Research Bureau is pleased to present the seventh annual *Worcester Almanac*—our compendium of information of all things Greater Worcester. A local, not-for-profit organization, The Research Bureau’s mission is to serve the public interest of Greater Worcester by conducting independent, non-partisan research and analysis of public policy issues to promote informed public debate and decision-making. We undertake the *Worcester Almanac* each year to provide government officials, residents, businesses, and institutions an easy-to-use source for current and trend data on a range of civic concerns.

We would like to thank all those who provide data for this project. If there is any fact or figure about Greater Worcester that you would like to see included in the *Worcester Almanac*, please contact us at wrrb@wrrb.org. To learn more about our activities or to read our reports, you can visit our website at www.wrrb.org, follow us on Twitter (@WRRBureau), or like us on Facebook (The Research Bureau).

If you believe in the importance of informed local governance and would like to sponsor our efforts, please send a contribution to:

Worcester Regional Research Bureau, Inc.
390 Main Street, Suite 208
Worcester, MA 01608



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Thank You To Our Sponsors

Worcester Almanac

The Worcester Regional Research Bureau offers its thanks to the generous sponsors of its work, including the *Worcester Almanac*. Now in its 7th edition, the *Worcester Almanac* has become a critical resource for municipalities, businesses, institutions of higher education, non-profit and civic organizations, and the general public. We could not continue our efforts without the civic-minded dedication of our many partners in Greater Worcester. Their continued support of The Research Bureau is a clear measure of the vitality and character of our community and its commitment to good governance.

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As we continue to emerge the global pandemic, we remember those we lost and honor the essential workers who sacrificed during extremely uncertain times.

The year 2021 has been a year of resurgence and renaissance for the region, especially for the City of Worcester. Despite the hardships we have faced over the years, this past year especially, we are seeing changes that are taking place in our great city that are awe-inspiring. To say we are proud to be a part of it is an understatement.

As a mutual community bank, we are committed to giving back to help make our communities better places to live and work.

Over 152 years ago, our founders established UniBank as a mutual community bank with a mission to support the local communities. The founder's legacy of giving is something that we proudly uphold to this day. This last year we supported local organizations including Detect Together, African Community Education (ACE), Arts Worcester, Main South CDC, India Society of Worcester, Worcester County Food Bank, St. John's Food for the Poor, YMCA, and YWCA, to just name a few.

As an Official Founding Partner of the Worcester Red Sox, we proudly joined with our partners and the community to welcome the AAA affiliate of the Boston Red Sox to our great city this year. It has been exciting to be a part of this historic addition to Worcester.

Our Board of Directors, doubling down on our mission to serve, wanted to take our commitment to the community even farther. In October, we announced the establishment of the UniBank Charitable Foundation, that the bank seeded with \$2 million. The UniBank Charitable Foundation will give above and beyond what UniBank already provides in sponsorships and charitable gifts on an annual basis.

With \$2.4 billion in assets UniBank is large enough to serve all your financial needs, yet small enough to still know you by name.

Together we can. Together we will.

Yours,

Michael Welch
UniBank



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Government

City of Worcester Government

The City of Worcester operates under a Council-Manager form of government with a popularly elected Mayor, known as a modified Plan E form of government. The Worcester Public Schools (WPS) system is a quasi-independent department of the City.

The City Council is the City's legislative body while the City Manager serves as chief executive officer. The City Council is made up of 11 members—six elected citywide (or at-large) and five elected from districts. The Mayor is the candidate who receives the most votes in the mayoral election and wins an at-large City Council seat. All at-large candidates are automatically entered into the mayoral race, and have the option of withdrawing their name from consideration for Mayor. In addition to his or her role as City Councilor, the Mayor serves as the ceremonial head of the government and chairs both the City Council and School Committee. The City Council hires the City Manager and can remove him or her by majority vote. The City Manager hires all City employees (except the City Clerk, City Auditor, and WPS employees), oversees City operations, and presents the City Council with an annual budget that must be approved by June 30 of each year. The City Council has the authority to reduce the City Manager's proposed budget, but not increase it. The approved budget must be balanced.

The Worcester School Committee is the WPS's legislative body while the Superintendent of Schools serves as chief executive officer. The School Committee consists of the Mayor and six elected at-large members. The School Committee approves the district budget, and has authority to transfer within line item accounts, so long as the overall amount remains within the City's appropriation. Additionally, the School Committee may hire or remove by majority vote the Superintendent and may establish and appoint the position of Assistant or Associate Superintendents. The Committee approves or disapproves those hirings, and upon the request of the Superintendent, provides an explanation of any disapproval.

City Council and School Committee elections are held in odd-numbered years.



City of Worcester Seal

City of Worcester Population: 206,518*

2nd Largest City in New England

City of Worcester Population: 185,143

Area: 37.37 square miles (96.79 square kilometers)

Population Density: 4,974 persons per square mile

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

**Source: 2020 Census*

Mayor

Joseph M. Petty

City Council (2020-2021)

Sean M. Rose, District 1

Candy F. Mero-Carlson, District 2

George J. Russell, District 3

Sarai Rivera, District 4

Matthew E. Wally, District 5

Morris A. Bergman, At-Large

Donna M. Colorio, At-Large

Khrystian A. King, At-Large

Gary Rosen, At-Large

Kathleen M. Toomey, At-Large

City Clerk

Nikolin Vangjeli

City Auditor

Robert V. Stearns

City Manager

Edward M. Augustus, Jr.

City Manager's Cabinet

Eric D. Batista, Assistant City Manager/Director of Urban Innovation

Nicole Valentine, Assistant City Manager

William Bagley, Jr., Director of Human Resources

Dr. Matilde Castiel, M.D., Commissioner of Health and Human Services

Peter Dunn, Chief Development Officer

Jay J. Fink, P.E., Public Works & Parks Commissioner

Charles R. Goodwin, Director of Emergency Communications/Emergency Management

Walter R. Guertin, Jr., Acting Chief Information Officer

Jason L. Homer, Worcester Public Library Executive Director

Michael J. Lavoie, Fire Chief

Julie A. Lynch, Chief of Public Facilities

Timothy J. McGourthy, Chief Financial Officer

John W. Odell, Chief Sustainability Officer

Steven M. Sargent, Police Chief

Christopher P. Spencer, Inspectional Services Commissioner

Michael E. Traynor, City Solicitor

Erin Williams, Cultural Development Officer

Stephanie A. Williams, Chief Diversity Officer

School Committee (2020-2021)

Dianna L. Biancheria

Laura Clancey

John L. Foley

Molly O. McCullough

John F. Monfredo

Tracy O'Connell Novick

Superintendent of Schools

Maureen F. Binienda

United State Senators

Elizabeth Warren

Edward J. Markey

United State Representative

James P. McGovern

Governor

Charles D. Baker

Lieutenant Governor

Karyn Polito

Governor's Council

Paul DePalo

State Senators

Harriette L. Chandler - 1st Worcester

Michael O. Moore - 2nd Worcester

Anne Gobi - Worcester, Hampden, Hampshire, and Middlesex

State Representatives

Kimberly Ferguson - 1st Worcester

Paul Frost - 7th Worcester

Hannah Kane - 11th Worcester

Meghan Kilcoyne - 12th Worcester

John J. Mahoney - 13th Worcester

David Muradian, Jr. - 9th Worcester

James J. O'Day - 14th Worcester

Mary S. Keefe - 15th Worcester

Daniel M. Donahue - 16th Worcester

David LeBoeuf - 17th Worcester

District Attorney

Joseph D. Early Jr.

Clerk of Courts

Dennis P. McManus

Register of Deeds

Kathryn A. Toomey

Register of Probate

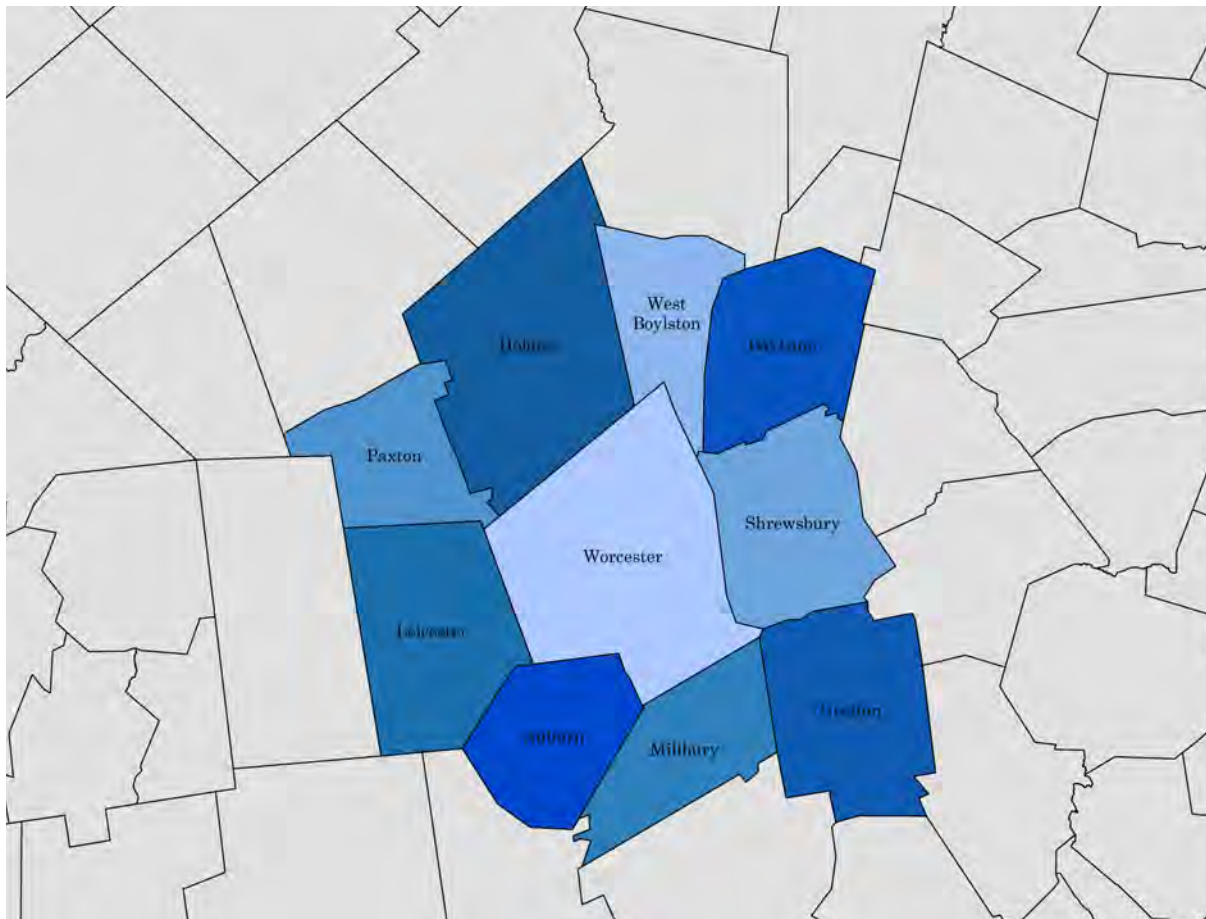
Stephanie K. Fattman

County Sheriff

Lewis G. Evangelidis

Greater Worcester Executive/Administrative Leadership

Auburn — Julie A. Jacobson — Town Manager
 Boylston — April Steward — Town Administrator
 Grafton — Evan Brassard — Town Administrator
 Holden — Peter M. Lukes — Town Manager
 Leicester — David A. Genereux — Town Administrator
 Millbury — Sean Hendricks — Town Manager
 Paxton — Carol L. Riches — Town Administrator
 Shrewsbury — Kevin J. Mizikar — Town Manager
 West Boylston — Nancy Lucier — Town Administrator

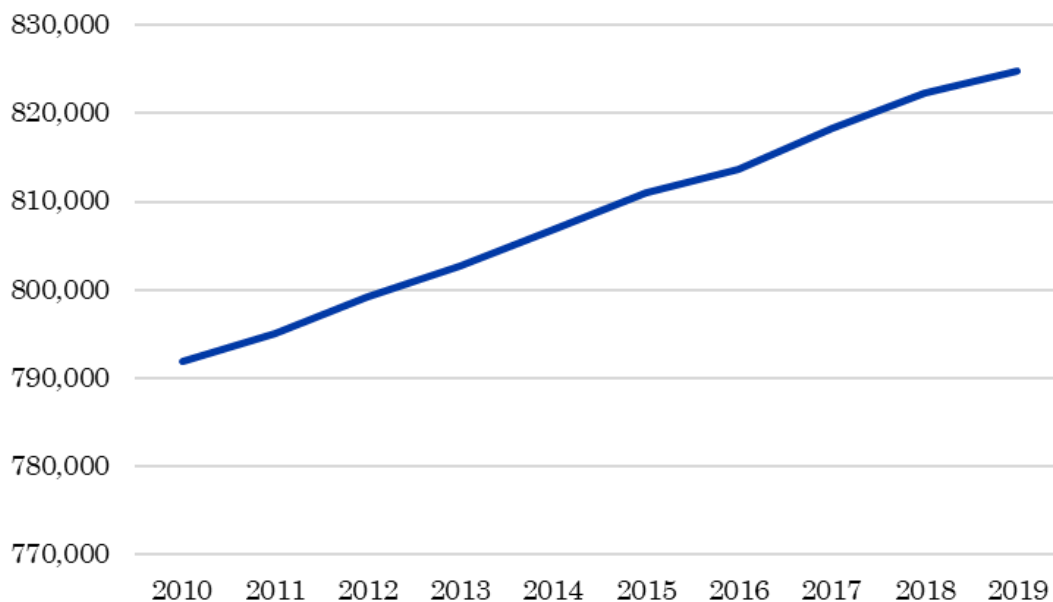


Incorporation Dates for Greater Worcester		
Leicester	1714	
Worcester	1722 as a Town	1848 as a City
Shrewsbury	1727	
Grafton	1735	
Holden	1741	
Paxton	1765	
Auburn	1778	
Boylston	1786	
West Boylston	1808	
Millbury	1813	

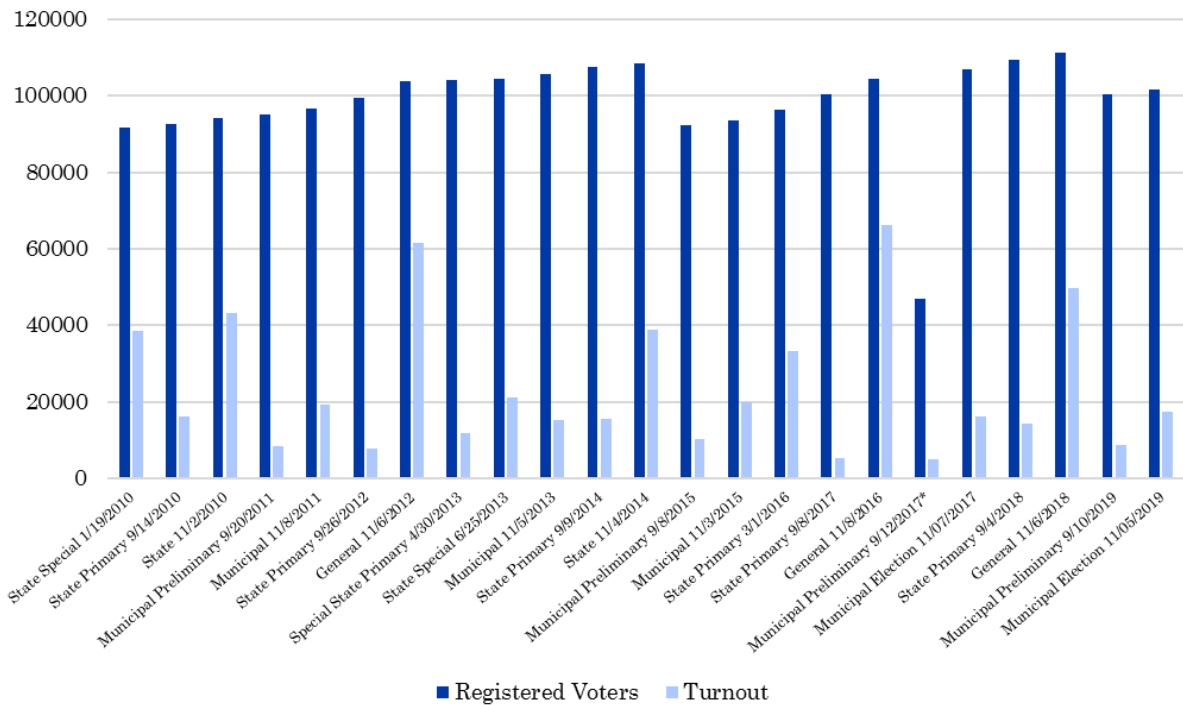
Worcester County:

Area: 1,510 square miles

Population: 824,772 (2019)

Population Density: 546 persons per square mile
60 cities and towns (including Worcester)**Worcester County: Population 2010 — 2019**

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Registered Voters & Ballots Cast, 2010-2019

*Number of registered voters in Districts 1 and 5 where preliminary race held.
 Source: City of Worcester Elections Division.

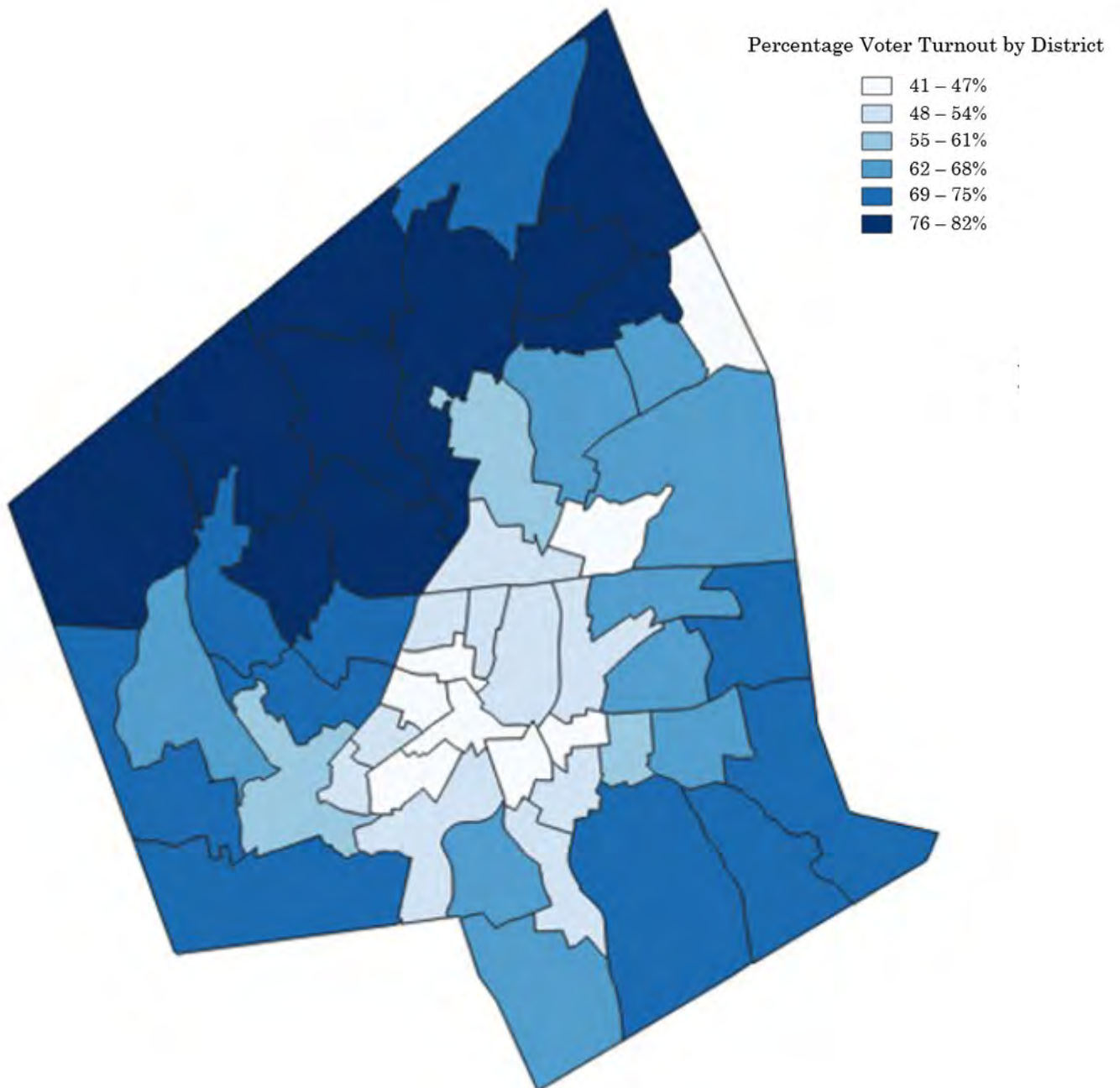
Voter turnout in the City of Worcester varies depending on the type of election. Municipal elections, which are held in odd-numbered years, experience the lowest turnout. Only 17.2% of registered voters turned out in November 2019 to vote for the Mayor, City Council, and School Committee. State elections, which occur in even-numbered years, and especially elections including the election for President, experience the highest turnout. 63.5% of Worcester's electorate voted in the November 2016 general election and 44.7% of registered voters turned out for the 2018 election.

Worcester: Party Affiliation & Registration, as of 7/1/21	
Party Affiliation	Registered Voters
Unenrolled	56,764
Democrat	37,124
Republican	7,567
United Independent Party	486
Libertarian	479
Conservative	116
Green Rainbow	104
American Independent	68
Inter 3rd Party	63
MA Independent Party	49
Latino-Vote Party	40
Socialist	37
Working Families	30
We The People	27
Pizza Party	25
Pirate	17
America First Party	13
Green Party USA	12
Constitution Party	8
The People's Party	7
Reform	6
Veteran Party America	6
Twelve Visions Party	5
Rainbow Coalition	3
World Citizens Party	2
Natural Law Party	1
New Alliance	1
Prohibition	1
Workers Party	1
American Term Limits	1
New World Council	0
Timesizing Not Down	0

As of July 1, 2021 Source: City of Worcester Elections Division.

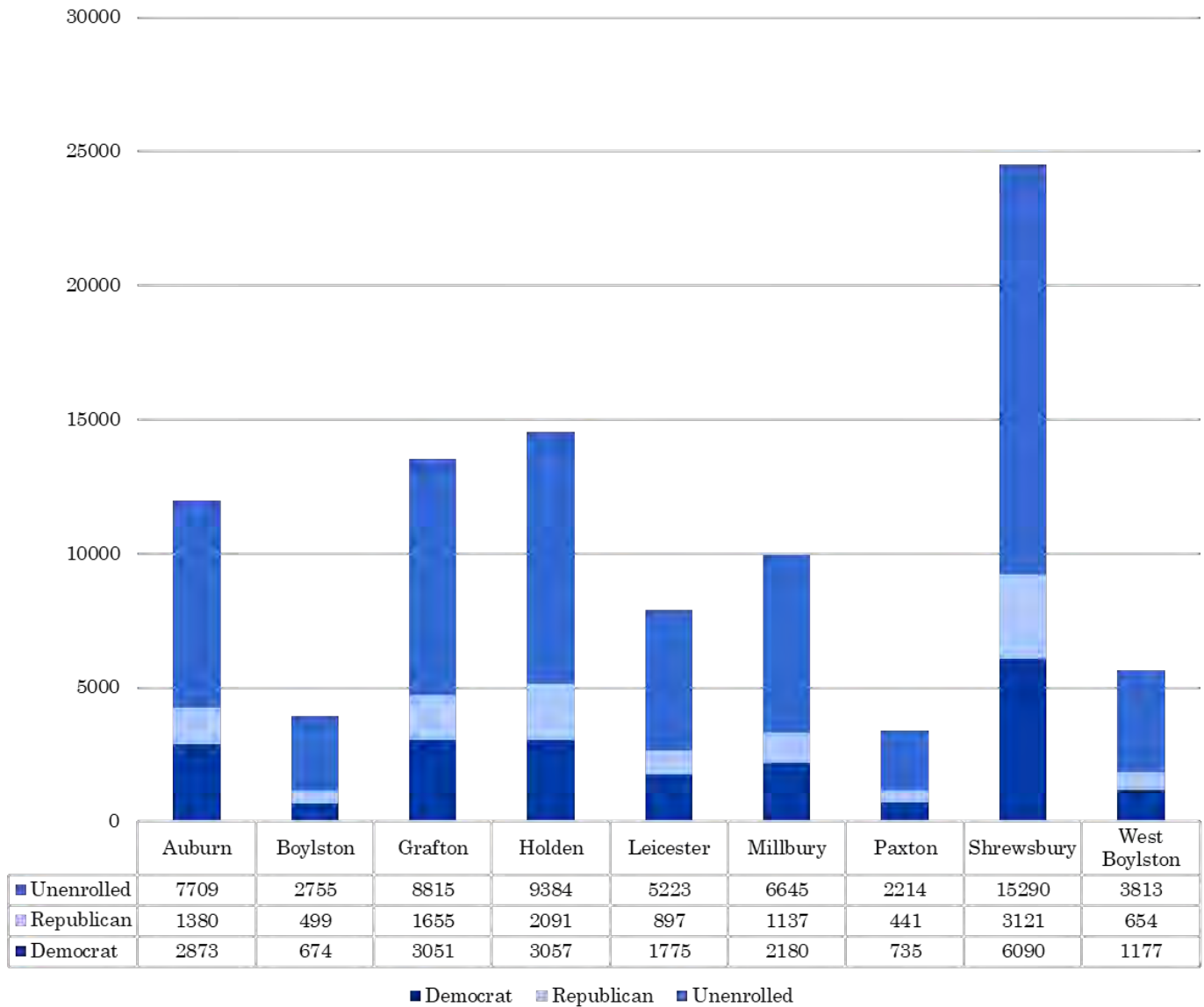
As of July 2021, there were 103,063 registered voters in the City of Worcester. 55% of voters were not enrolled in a political party, 36% of voters registered as Democrats, and 7.3% of voters registered as Republicans. Since 2010, the number of unenrolled voters has increased by 35%, the number of Democratic voters has decreased by 6.9%, and the number of Republicans has decreased by 1.3%.

Worcester: Voter Turnout Percentage by Precinct, November 3, 2020 Election



Source: Worcester Election Commission

Greater Worcester: Party Affiliation & Registration, as of February 2021



Source: Office of the Secretary of the Commonwealth of Massachusetts.

Tax Classification

The City of Worcester taxes property based on the following classifications: residential, commercial, industrial, and personal. Property that is owned by nonprofit institutions, as determined by Massachusetts General Law 156B, are exempt from paying property taxes as long as the property is fulfilling the non-profit mission of the organization.

Residential property is property used for human habitation and includes accessory land or buildings that are exclusively used by the residents of the property or their guests. **Commercial** property is used for business purposes including but not limited to commercial, retail, trade, service, recreational, agricultural, artistic, sporting, fraternal, governmental, educational, medical or religious purposes. **Industrial** property includes property used for manufacturing, milling, converting, producing, processing, extracting, or fabricating materials to create commercial products or materials. **Personal** property is trade stock, machinery used for business, and all furnishings and effects not kept at an individual's residence.

Type	Fiscal Year 2021
Residential	\$16.28
Commercial/Industrial/Personal Property (CIP)	\$36.20

* Rates are per \$1,000 of value.

Source: City of Worcester.

Tax Shift

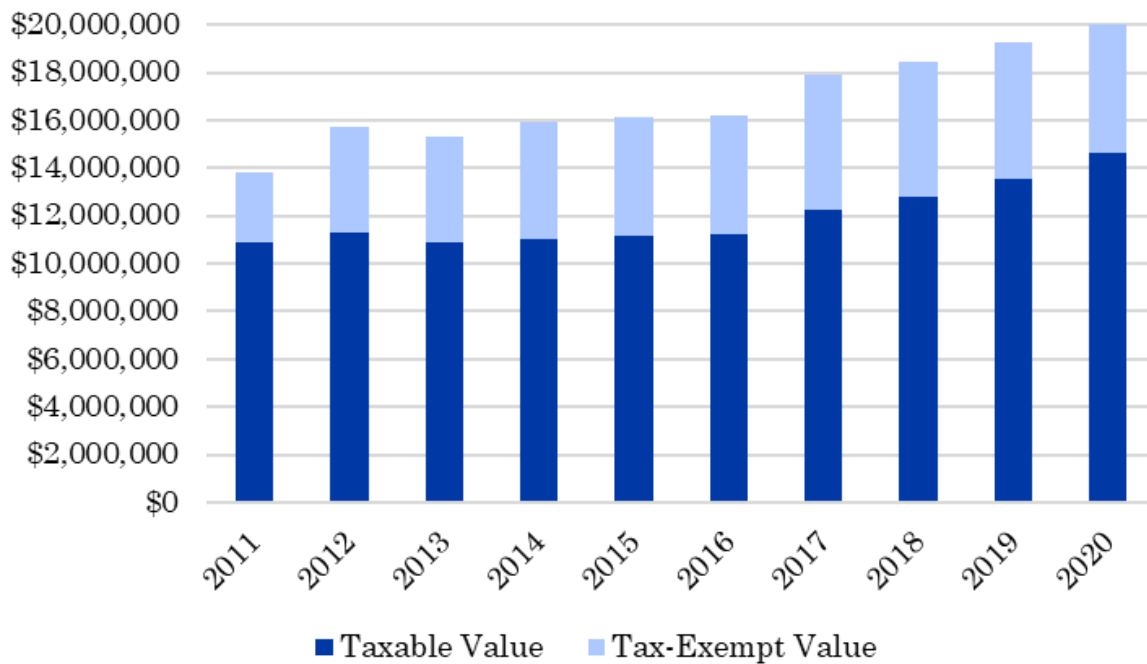
The City of Worcester has a dual tax rate, which assesses residential and commercial/industrial/personal (CIP) property at different rates. Under Massachusetts law, communities are limited in their ability to shift the tax burden among classes to ensure that the burden is not shifted solely onto one side. A single tax rate is represented by a factor of 1.

Worcester: Tax Shift, FY21			
Lowest Residential Factor Allowed	Residential Factor Selected	Maximum CIP Shift Allowed	CIP Shift
0.7732	0.7787	1.75	1.73

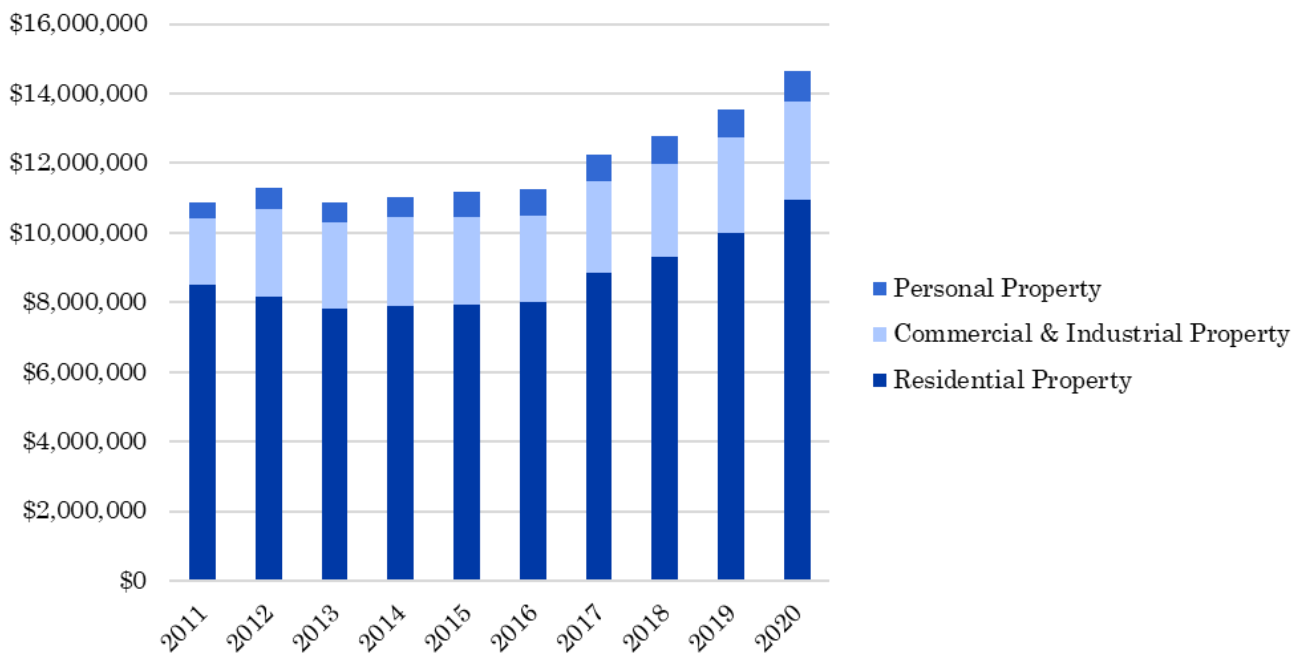
Source: City of Worcester Assessor's Office.

Worcester: Tax Value of Property, FY21		
Tax Status	Estimated Value	Percent of Total
Total Taxable and Tax-Exempt Property Value	\$20,551,376	100.0%
<i>Taxable Property Values</i>	<i>\$14,646,165</i>	<i>71.3%</i>
<i>Tax-Exempt Property Values</i>	<i>\$5,905,211</i>	<i>28.7%</i>
Class		
Residential	\$10,948,970	53.3%
Commercial/Industrial/Personal Property	\$3,697,195	18.0%

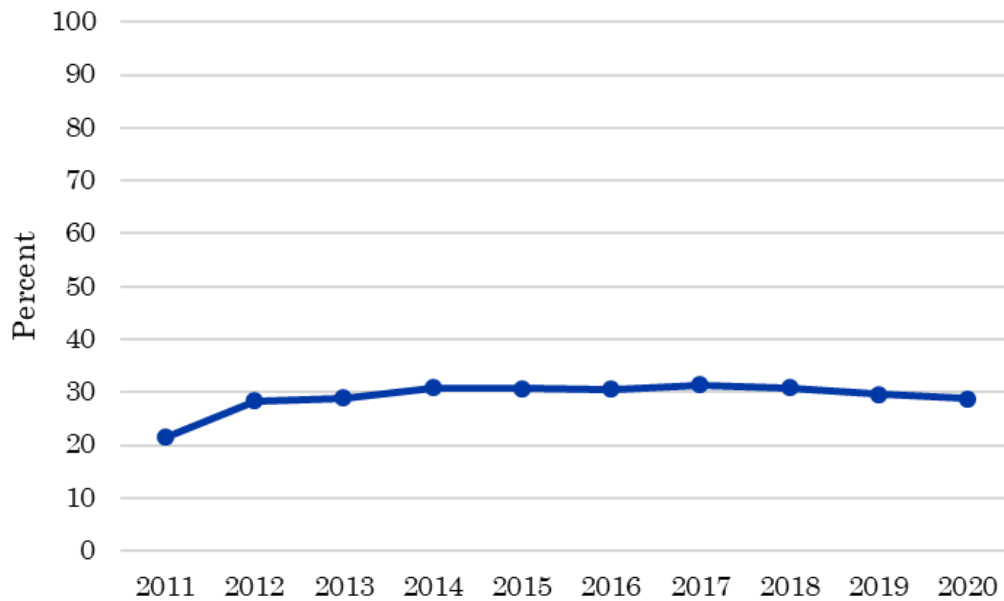
Source: City of Worcester Assessor's Office.

Worcester: Assessed Value of Taxable & Tax-Exempt Property, 2011-2020

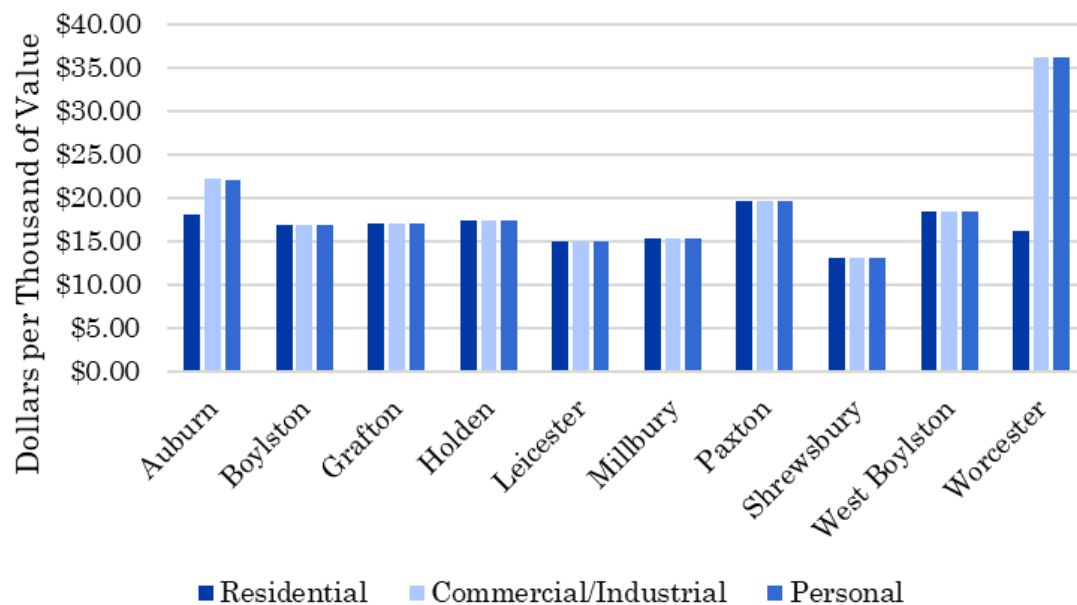
Source: City of Worcester Comprehensive Annual Financial Report, 2020.

Worcester: Assessed Value of Taxable Property by Classification, 2011-2020

Source: City of Worcester Comprehensive Annual Financial Report, 2020.

Worcester: Tax-Exempt Value as Percent of Total Property Values, 2011-2020

Source: City of Worcester Comprehensive Annual Financial Report, 2020.

Greater Worcester: Property Tax Rates, FY21

Source: Massachusetts Department of Revenue.

In Greater Worcester, only the City of Worcester and the Town of Auburn tax commercial and industrial properties at a higher rate than residential properties. Auburn has voted to decrease the gap between the two rates over the last few years. Additionally, Auburn is the only municipality in Greater Worcester that taxes Personal Property and Commercial/Industrial Property at different rates.

Worcester: Principal Taxpayers, FY20				
<u>Taxpayer</u>	<u>Type of Business</u>	<u>Assessed Valuation</u>	<u>Fiscal 2020 Tax Bill</u>	<u>Percent of Tax Levy</u>
Massachusetts Electric Co.	Electric Utility	\$372,860	\$13,110	4.2%
NSTAR Gas Co.	Gas Utility	\$218,584	\$7,685	2.4%
VHS Acquisition Subsidiary (St Vincent Hospital)	Medical Care	\$144,121	\$5,067	1.6%
New England Power Company	Electric Utility	\$70,770	\$2,488	0.8%
V3B SA LLC (Lincoln Plaza)	Shopping Plaza	\$65,361	\$2,298	0.7%
Worcester TC LLC (Abbvie)	Biotechnology Park	\$64,291	\$2,261	0.7%
Hanover Insurance Group	Insurance	\$62,161	\$2,186	0.7%
Front Street Associates LLC	Real Estate	\$46,103	\$1,621	0.5%
Verizon New England	Communications	\$41,981	\$1,476	0.5%
RK Worcester Crossing LLC	Real Estate	\$40,281	\$1,416	0.5%

*Amounts expressed in thousands.

Source: City of Worcester Comprehensive Annual Financial Report, June 30, 2020.

Unfunded Liabilities

Upon retirement, Massachusetts state and municipal employees are eligible for pension and other post-employment benefits (OPEB), such as health care. Each year, Massachusetts governmental entities must determine current costs (pension and benefits provided to existing retirees) and future costs (pension and benefits owed upon retirement to current employees, as determined by actuaries) to determine total liability.

The City of Worcester, like most municipalities, has struggled with outstanding pension and OPEB liability. In 1992, the Commonwealth of Massachusetts offered grant funding to cities and towns that committed to a schedule to eliminate unfunded pension liability. The City of Worcester accepted the offer, committing itself to full pension funding by 2028. In light of the financial downturn, in 2010 the Commonwealth offered cities and towns a waiver on the original plans, which allowed Worcester to extend its schedule to June 30, 2032.

Worcester: Pension Liability, FY20	
Total Pension Liability	\$1,554,774,408
Funded Portion of Pension Liability	\$1,054,097,622
Funded Pension Obligation	67.8%

Source: City of Worcester Comprehensive Annual Financial Report, June 30, 2020

While pension liabilities must be forward-funded, Massachusetts does not mandate that municipalities address OPEB liabilities. Under the City's Seven-Point Plan, Worcester contributes 30% of "free cash"—the surplus remaining after the end of the fiscal year—to be deposited into the OPEB Trust. If "free cash" is not available, no funds are deposited. As a result, Worcester's outstanding liability increases annually and is projected to exceed \$2.5 billion within the next 30 years.

Worcester: Other Post-Employment Benefit Liability	
Total OPEB Liability	\$1,046,833,893
Funded Portion of OPEB Liability	\$20,505,624
Funded OPEB Obligation	2.0%

Source: City of Worcester, Administration & Finance

Worcester: Fund Balance, FY20	
Fund Balance - FY20	\$53,225,915
Change in Fund Balance - FY19-FY20	-\$12,175,329
Fund Balance as a % of FY20 Budget	7.4%

*The City's fund balance is the difference between assets and liabilities in the general fund.

Source: City of Worcester Comprehensive Annual Financial Report, 2020.

Bond Rating

In order to borrow money, municipalities issue bonds that are purchased by investors for a guaranteed return over time. Bond ratings serve as third-party evaluations of a bond issuer's ability to repay the bond according to the terms. Three primary rating agencies—Fitch Ratings, Moody's Investors Service, and Standard & Poor's Rating Service—evaluate most municipal bonds. Bonds are given ratings ranging from a high of "AAA" or "Aaa" to a low of "C" or "D". Worcester's ratings indicate attractive, high grade bonds that are considered at low risk of default.

Rating Agency	Rating
Fitch Ratings	AA
Moody's Investors Service	Aa3
Standard & Poor's Rating Service	AA-

Source: City of Worcester Comprehensive Annual Financial Report, 2020

Worcester: Public Debt, 2020* (in thousands)	
Total Outstanding Long-Term Debt	\$733,262
Bond Anticipation Notes as of 6/30/20	\$125,903
Bonded Debt per Capita	\$3,987
Bonded Debt as a % of Assessed Valuation	5.05%

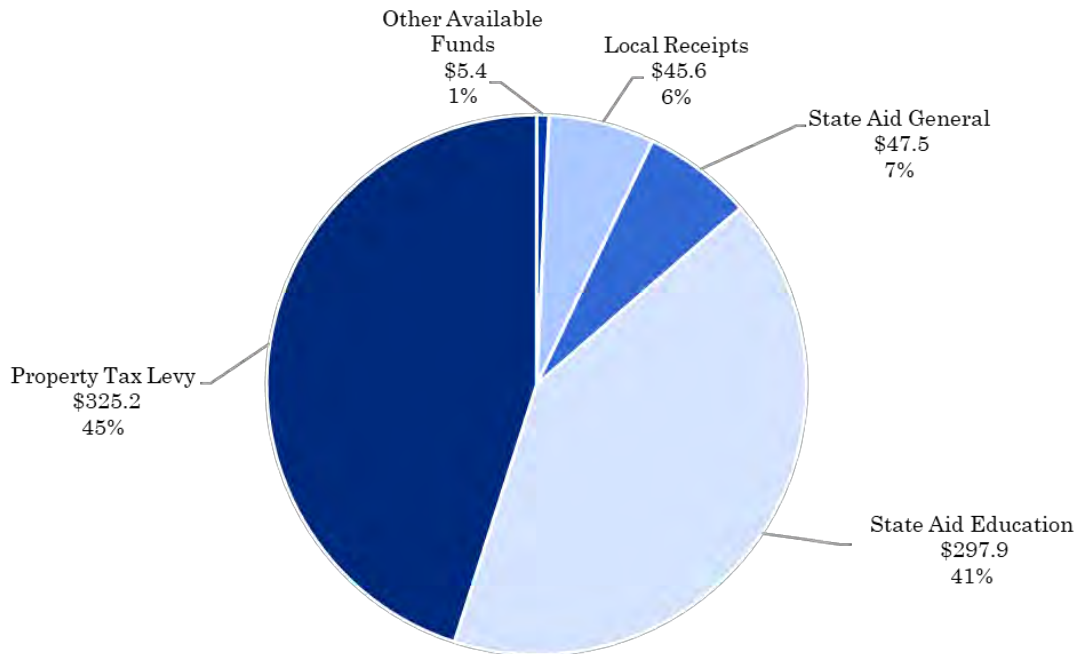
*A portion of the long-term debt is supported by fees from water and sewer usage, public parking garages, and DCU Center operating revenue. Debt related to district improvement financing (DIF) capital projects for CitySquare and the DCU Center are supported from new revenue sources generated within or for the designated geographic areas.

Source: City of Worcester. Comprehensive Annual Financial Report, 2020

Greater Worcester: FY21 Budgets

	Total City Budget (including schools)	Education Budget	Education % of Total Budget	Police Budget	Fire Budget	Police & Fire % of Total Budget
Auburn	\$71,471,592	\$28,637,417	40.07%	\$5,127,481	\$4,112,123	12.93%
Boylston	\$17,486,536	\$10,676,162	61.05%	\$1,282,648	\$493,829	10.16%
Grafton	\$64,046,257	\$37,926,369	59.22%	\$2,335,744	\$748,405	4.82%
Holden	\$55,369,669	\$32,671,385	59.01%	\$2,522,369	\$2,283,429	8.68%
Leicester	\$29,997,505	\$17,174,399	57.25%	\$2,033,475	\$315,398	7.83%
Millbury	\$47,031,414	\$24,228,705	51.52%	\$2,568,047	\$799,474	7.16%
Paxton	\$16,172,589	\$7,099,612	43.90%	\$1,101,924	\$439,741	9.53%
Shrewsbury	\$127,245,774	\$67,668,322	53.18%	\$5,645,811	\$3,977,945	7.56%
West Boylston	\$26,303,635	\$12,645,537	48.08%	\$1,707,722	\$940,571	10.07%
Worcester	\$721,821,171	\$421,322,217	58.37%	\$52,766,614	\$41,261,167	13.03%

Sources: Individual Town Budgets.

Worcester: Budgeted Revenues in Millions of Dollars, FY21

Source: City of Worcester.

Worcester: Budgeted Expenditures, FY21

The City's final FY21 budget was \$721.8 million. City leadership has discretion over only a small part of the City's expenditures. A significant portion of the City's annual budget is fixed obligations to education, pensions, and debt service.

City Budget

\$721.8 million

Education
\$421.3
million
(58.4%)

City
Services
\$163.2
million
(22.6%)

Fixed Costs
\$137.3
million
(19.0%)

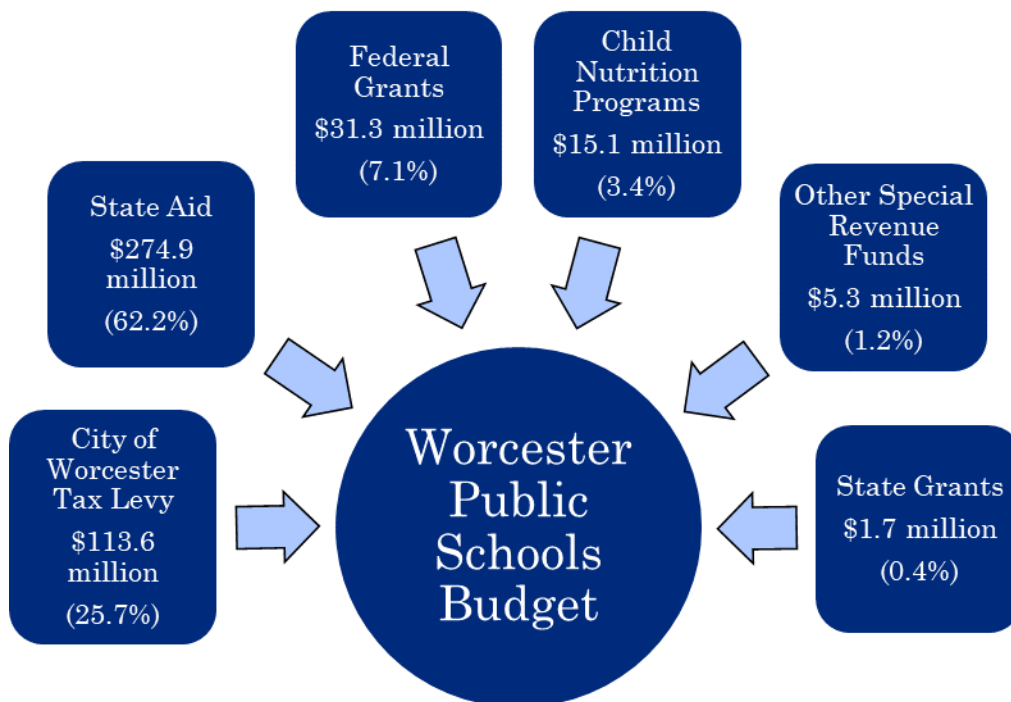
The City of Worcester is heavily dependent on local property tax revenues and state aid for education. State education funding is established by the Commonwealth's Chapter 70 formula, which provides education subsidies to cities and towns using standardized criteria including the characteristics of local school-age populations and municipal finances. In 2015, the Commonwealth's Foundation Budget Review Commission called for changes to the formula.

In 2019, the Massachusetts Legislature passed the Student Opportunity Act which provided the first substantial update to the education formula since 1993. Many districts, particularly Gateway Cities, are receiving a substantial funding increase for public schools. For example, the Worcester Public Schools should receive an estimated \$90 million over seven fiscal years.

Source: City of Worcester.

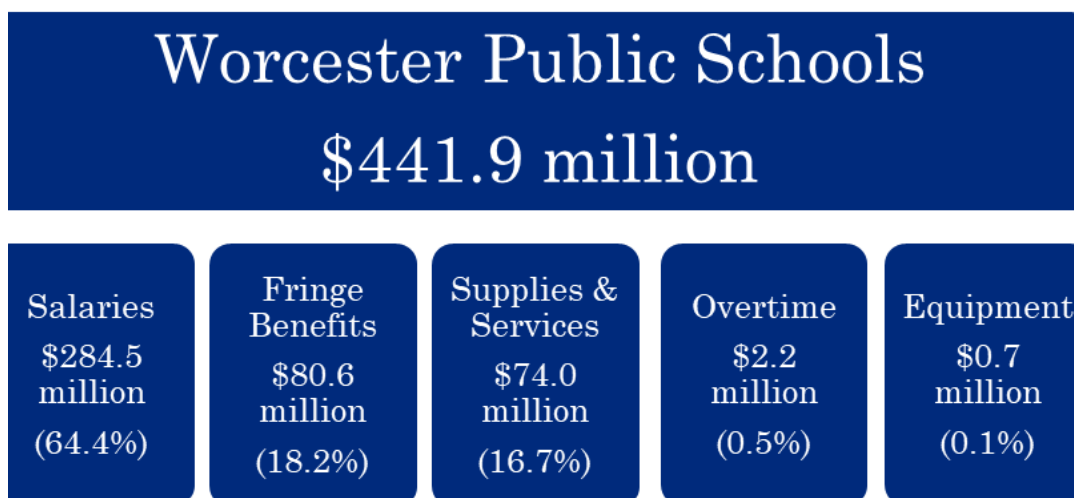
The Worcester Public Schools allocation within the City budget is augmented by available Federal, State, and other outside grants.

Worcester Public Schools: Budgeted Revenues, FY21



Sources: City of Worcester & Worcester Public Schools Fiscal 2021 Budgets.

Worcester Public Schools: Budgeted Expenditures, FY21

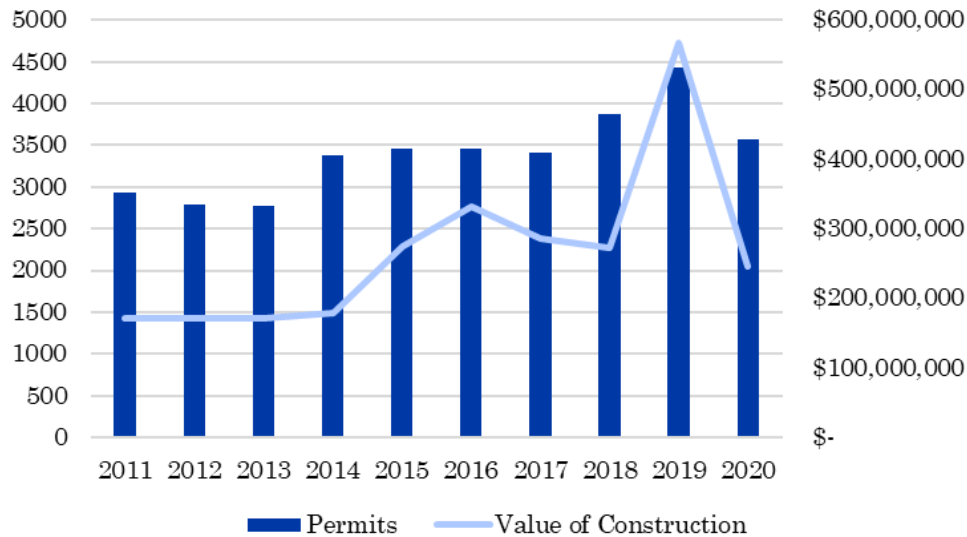


Sources: City of Worcester & Worcester Public Schools Fiscal 2021 Budgets.

Worcester: Budgeted Employee Counts, FY21	
<i>Positions</i>	<i># of Budgeted Employees</i>
Legislative Offices	
City Council	12
Mayor's Office	2
City Clerk	10
Election Commission	10
Auditing	8
City Manager's Office	
City Manager's Office	14
Elder Affairs	9
Public Library	93
Dept. of Economic Development	
Economic Development	39
MassHire Central Region Workforce Board	10
MassHire Central Career Center	35
Cable Services	4
Health and Human Services	19
Public Health	27
Human Resources	17
Law Department	16
Police Department	526
Fire Department	422
Emergency Communications	69
Dept. of Inspectional Services	63
Worcester Public Schools	4589
Public Works and Parks	
Golf	2
Public Works	201
Parks, Recreation, and Hope Cemetery	58
Enterprise: Sewer Division	70
Enterprise: Water Division	140
Administration & Finance	11
Treasury	27
Purchasing	3
Assessing	10
Technical Services	34
City Energy and Asset Management	17
TOTAL: CITY ONLY	1,978
TOTAL: CITY & WPS	6,567

Each year, as part of the annual budget process, the City Council (and the School Committee in the case of the Worcester Public Schools) approves staff positions within City departments. Authorized positions are filled at the discretion of the City or WPS Administration and can be full-time or part-time. While 6,567 positions are budgeted, it is possible that not all of these positions will be filled during the fiscal year or that some of these positions are filled with part-time employees.

Worcester: Budgeted Employee Counts, FY21	
<i>Positions</i>	<i># of Budgeted Employees</i>
District Administrators	27
School Administrators	88
Teachers	2431
Instructional Assistants	644
Teacher Substitutes	105
Crossing Guards	109
Educational Support	112
Custodial Services	154
Maintenance Services	31
Full Year Clerical	68
School Year Clerical	75
School Nurses	98
District Support	56
Student Transportation	113
Child Nutrition	312
Head Start	166
TOTAL: WPS ONLY	4,589

Worcester: Real Estate Investment, 2010-2020

Source: City of Worcester Executive Office of Economic Development.

Worcester: Water and Sewer Rates, 2021

	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Water Rates	\$3.51	\$3.54	\$3.60	\$3.60	\$3.67	\$3.67	\$3.67	\$3.67
Sewer Rates	\$5.94	\$6.29	\$6.62	\$6.92	\$7.08	\$7.43	\$7.80	\$8.15

Source: City of Worcester Department of Public Works & Parks. *Rates are per 100 cubic feet of usage. Sewerage use is based on 80% of water usage.

Worcester: Public Library System, 2020

# of Independent Branches	3
# of School-Based Branches	4
# of Mobile Libraries	2
Print Holdings (including periodicals)	569,323
Total Circulation	226,991
Total Number of Visits During Public Hours	29,485
Total Number of Students at School based branches during class time	11,612

Source: Worcester Public Library.

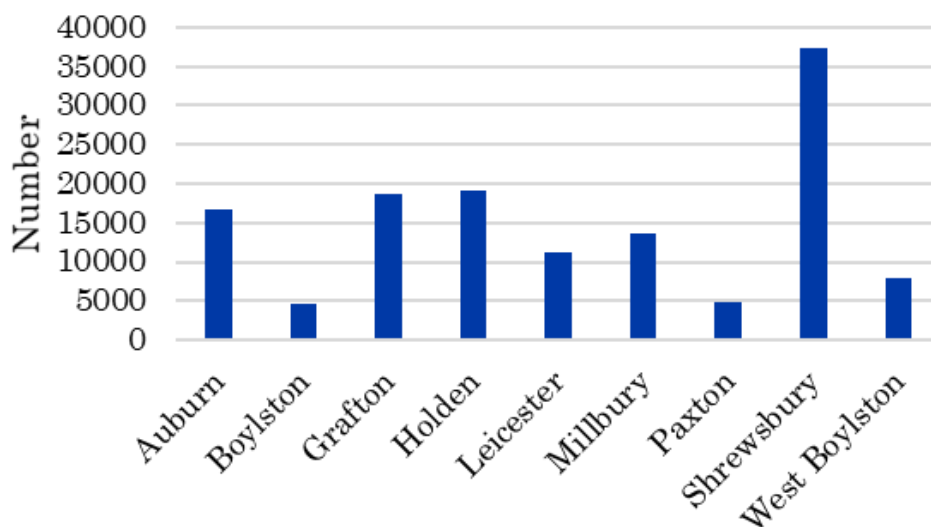
Worcester: Parks and Recreation, 2020

Parks	61
Dog Parks	3
Playgrounds	37
Fields for Sports	67
Swimming Beach, Pool, Spray Parks	7
Total Park Acreage	1391.21
% of Total Acreage in City	5.82%
State Parks	2
State Pools and Beaches	4

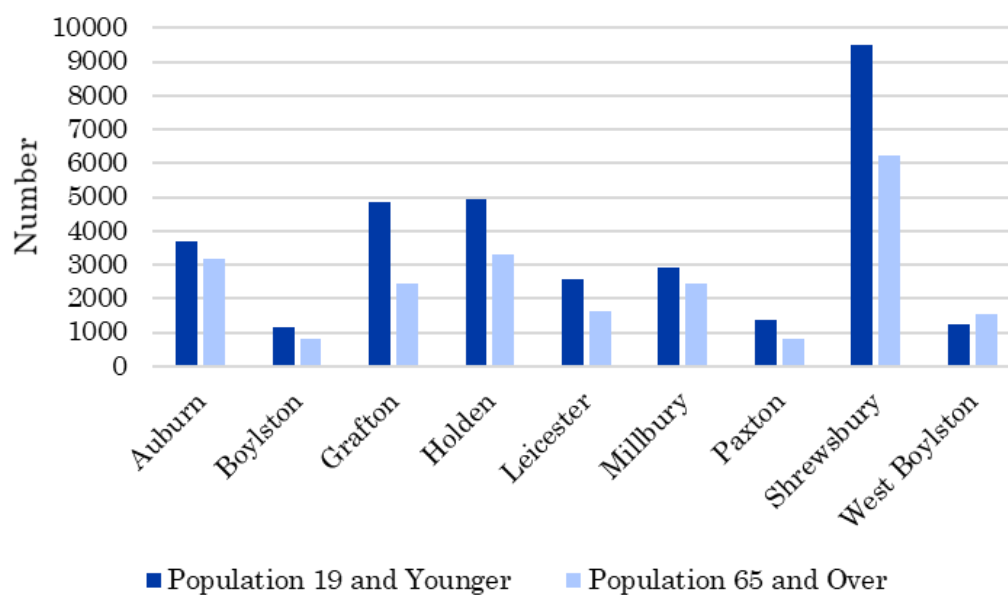
Sources: City of Worcester Department of Public Works & Parks.



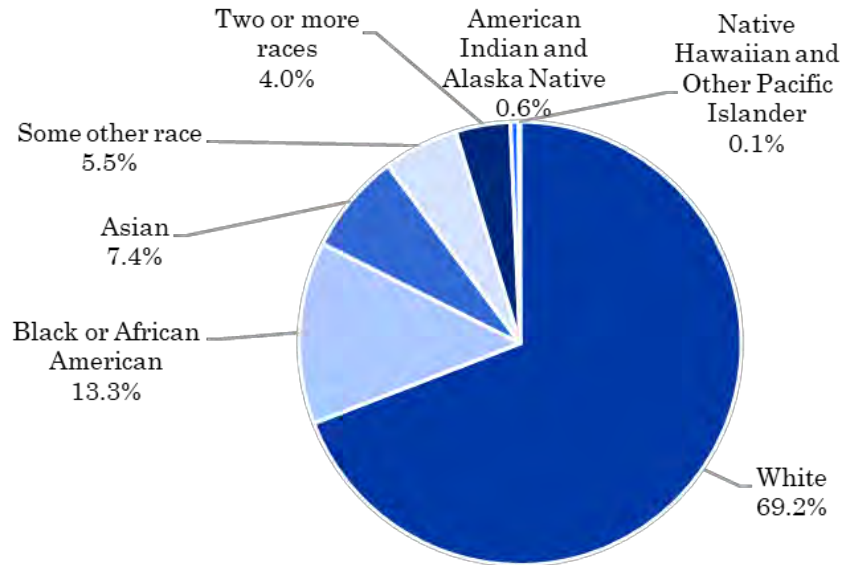
Demographics & Economy

Greater Worcester: Population, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Population 19 Years of Age or Under and Population 65 Years of Age or Over, 2019

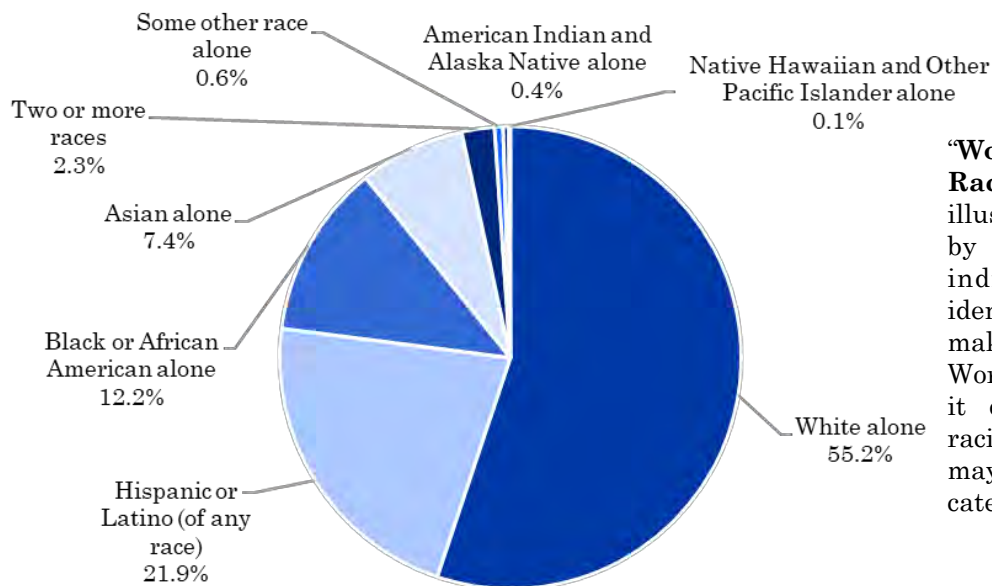
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Population by Race, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

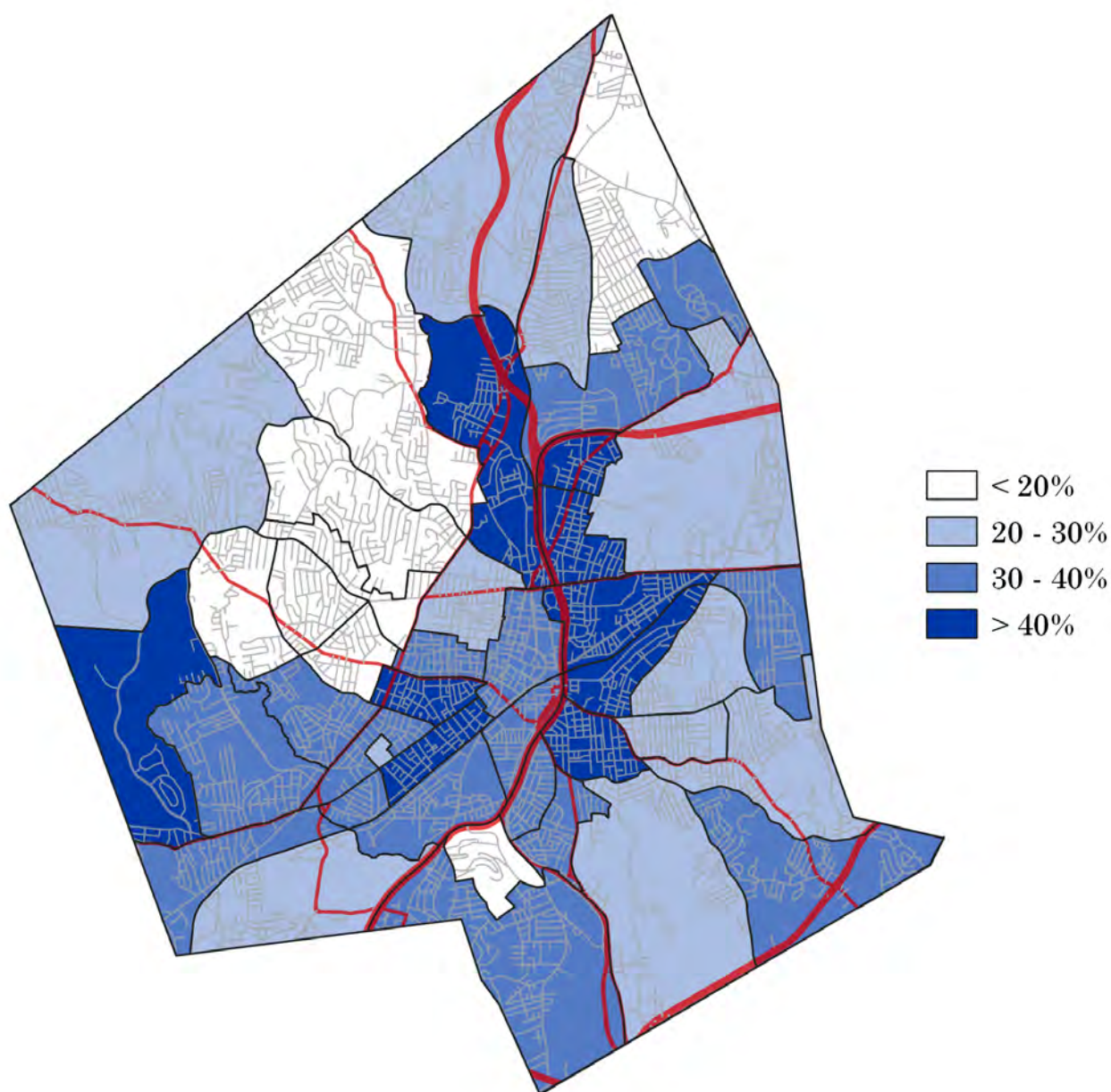
The U.S. Census Bureau tallies five categories of race: “American Indian or Alaska Native,” “Asian,” “Black or African American,” “Native Hawaiian or Other Pacific Islander,” and “White.” Hispanic origin is defined as ethnicity, rather than race, and persons defined as Hispanic or Latino can be of any race.

“Worcester Population by Race, 2019” illustrates Worcester’s racial composition according to the Census Bureau’s five racial categories. People of Hispanic origin fall into any one of the five categories.

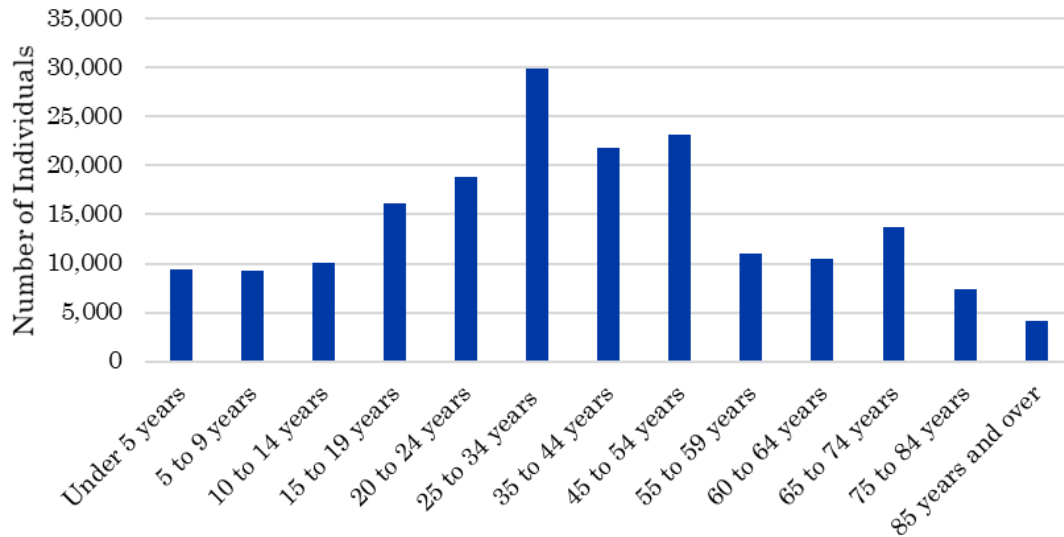
Worcester: Population by Race & Ethnicity, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

“Worcester Population by Race & Ethnicity, 2019” illustrates Worcester’s population by both race and ethnicity. It indicates that people who identify as Hispanic or Latino make up approximately 22% of Worcester’s population, however it does not account for their racial composition and therefore may undercount certain racial categories.

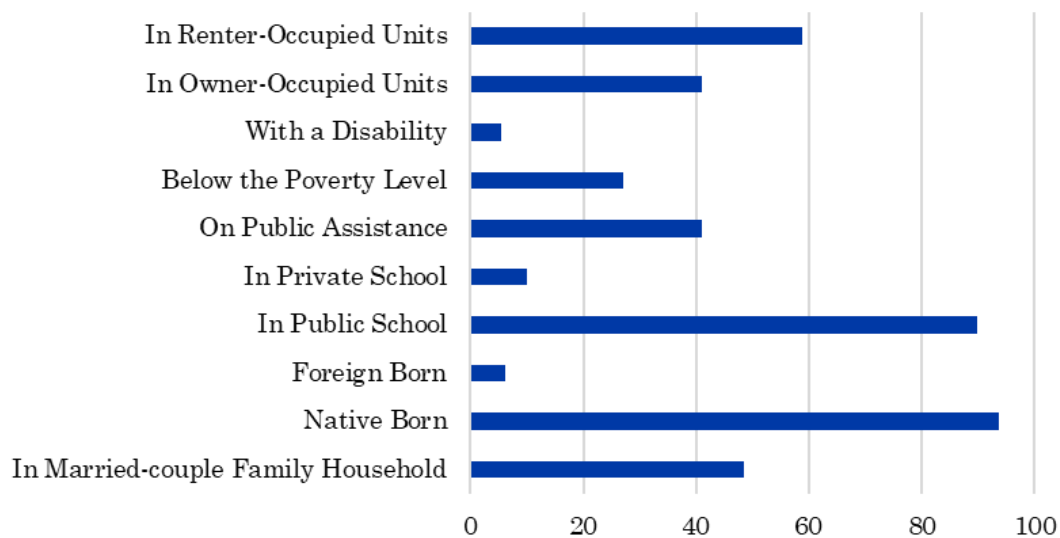
Worcester: Percent Non-White Population, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Population by Age, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

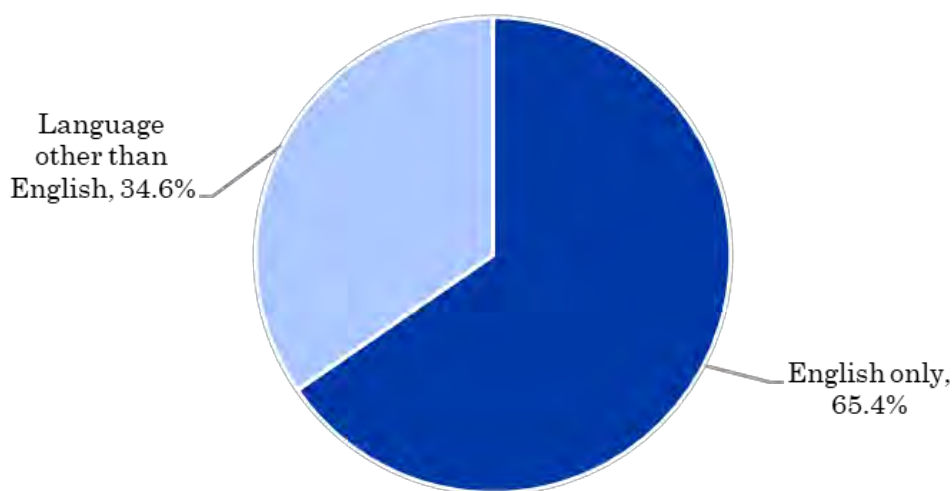
According to the U.S. Census Bureau, the median age of Worcester residents is 34.7 years old. The median age of Massachusetts is 39.5 and the median age of the United States is 38.1 years old.

Worcester: Characteristics of the Under-18 Population by Percent, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

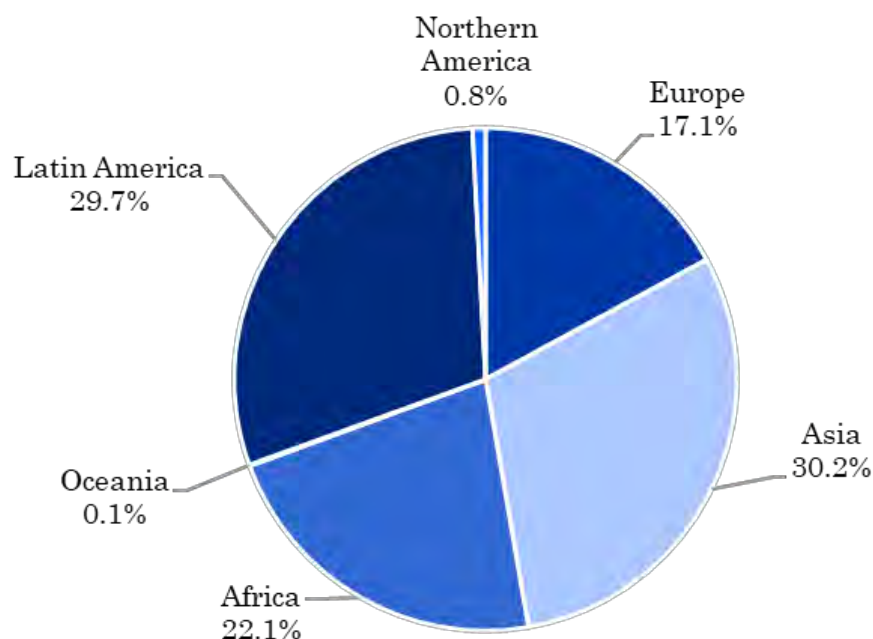
Worcester: Language Spoken At Home, 2019*

In 2019, 65% of the Worcester population spoke only English. Of the other languages spoken by Worcester residents, 15.5% spoke Spanish, 8.6% spoke Other Indo-European languages, and 4.8% spoke Asian and Pacific Island languages, and 5.0% spoke another language. According to the Worcester Public Schools, more than 74 languages are spoken by children in the school system.



**For population 5 years and older.*

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Region of Origin of Foreign Born Residents, 2019

Approximately one in five residents of Worcester was born outside the United States, with 30.2% of those residents originating in Asia, followed closely by Latin America with 29.7%.

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Foreign Born Residents, 2019		
Total Foreign Born	Foreign Born Naturalized Citizen	Foreign Born Not US Citizen
38,606	20,152	18,454

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

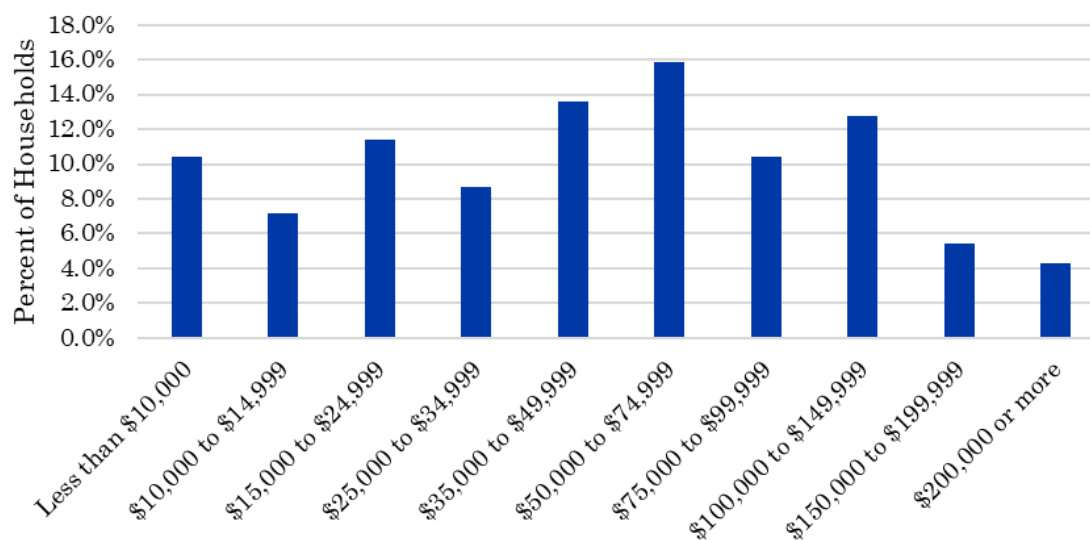
Worcester: Number of Residents from the Top 10 Countries of Origin, 2011 and 2019			
	2011		2019
Vietnam	3,506	Vietnam	4,341
Brazil	3,461	Ghana	3,645
Ghana	3,358	Dominican Republic	2,927
Dominican Republic	2,705	Brazil	2,535
Albania	2,115	Albania	2,121
El Salvador	1,724	China, excluding Hong Kong and Taiwan	1,567
China, excluding Taiwan and Hong Kong	1,341	Kenya	1,235
Poland	1,137	El Salvador	1,192
Kenya	905	India	1,090
India	694	Iraq	1,019
Total	20,946	Total	21,672

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Households, 2019	
Total # of Households	71,595
<i>Family Households</i>	<i>52.8%</i>
<i>Non-Family Households</i>	<i>47.2%</i>
<i>Households with Children under 18</i>	<i>23.3%</i>
<i>Average Family Size</i>	<i>3.21</i>
Average Household Size	2.38
<i>Owner-occupied</i>	<i>41.3%</i>
<i>Housing Renter-occupied</i>	<i>58.7%</i>
Median Household Income	\$48,139

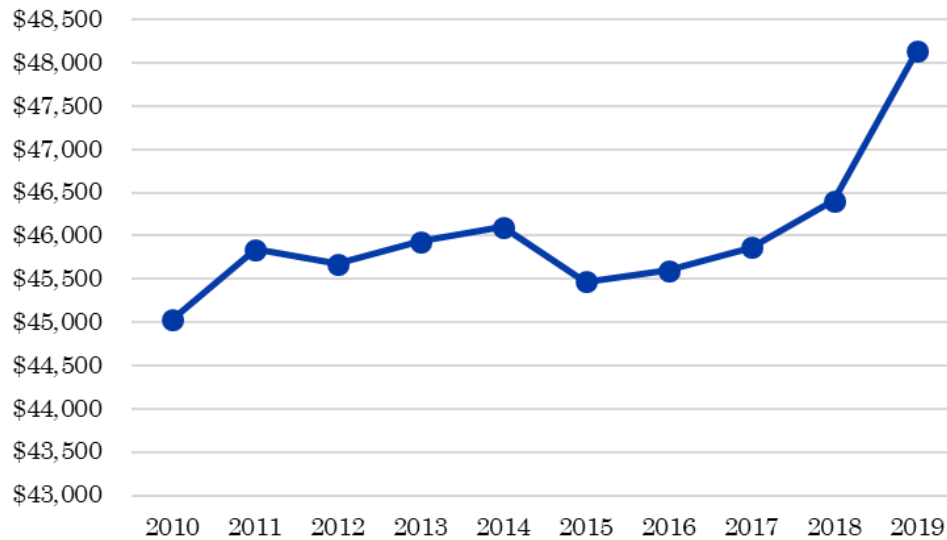
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Household Income, 2019

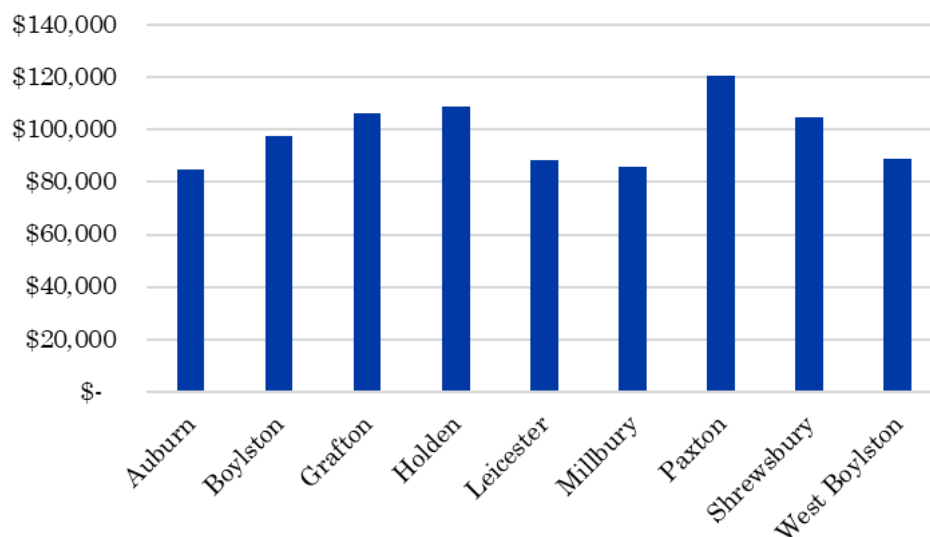


Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

“Median Household Income” is the income that has an equal number of households above and below that income level. According to the U.S. Census Bureau, the median household income in Worcester is \$48,139, the median household income of Massachusetts is \$81,215, and the median household income of the United States is \$62,843. According to the U.S. Department of Housing and Urban Development, the Worcester Area Median Family Income (which includes Worcester and surrounding towns) is \$98,800.

Worcester: Median Household Income, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Median Household Income, 2019

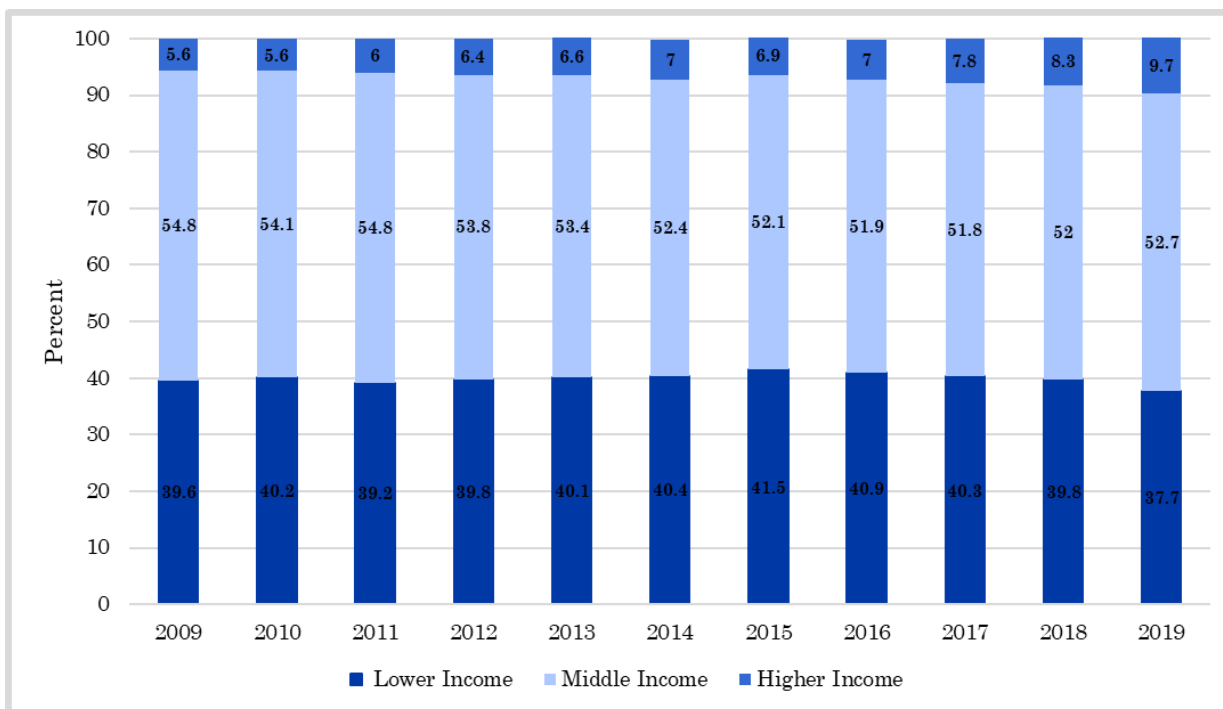
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester's Middle Income*

The Pew Research Center defines middle income, or middle class, as households between 67% to 200% of the state median income. In Massachusetts, with a median household income of \$81,215, a middle class household income would range from \$54,414 to \$162,430. The Census Bureau does not divide income groups into lower, middle, and upper income categories and its household income categories do not allow for exact determinations. However, the chart below uses the closest categories to approximate The Pew Research Center's definition of middle income for Worcester. In 2019, approximately 53% of Worcester households were in the middle income range, 37.7% of Worcester households were in the lower income range, and 9.7% of Worcester households were in the upper income range.

Income Ranges

Lower Income: \$0—\$34,999 Middle Income: \$35,000—\$149,999 Higher Income: \$150,000+

Worcester: % of Households by Income Level, 2009 - 2019

Sources: U.S. Census Bureau, 2018 5-Year American Community Surveys.

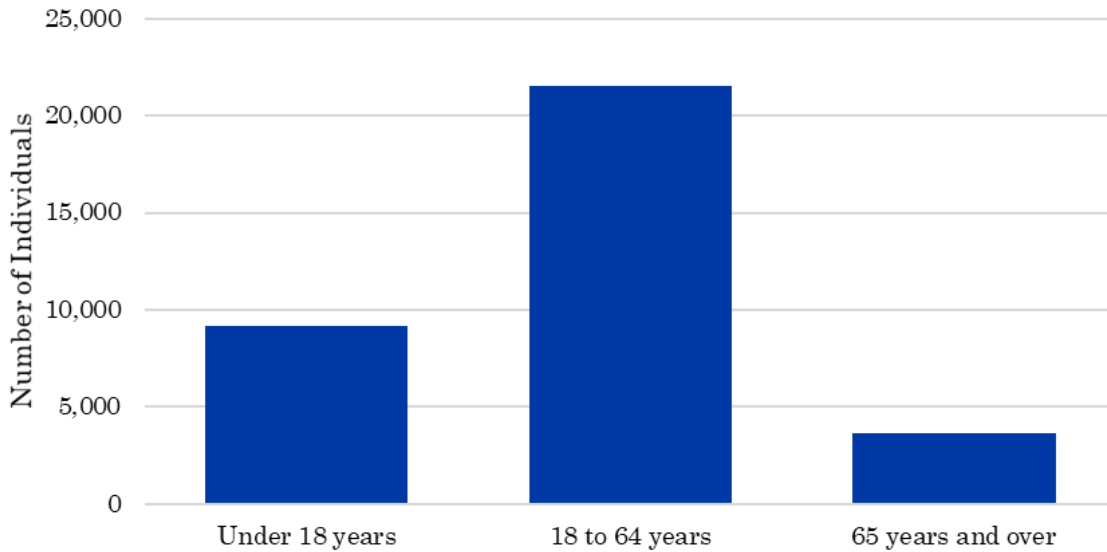
***According to Pew Research Center:**

“Middle income or middle class? The terms “middle income” and “middle class” are often used interchangeably. This is especially true among economists who typically define the middle class in terms of income or consumption. But being middle class can connote more than income, be it a college education, white-collar work, economic security, owning a home, or having certain social and political values. Class could also be a state of mind, that is, it could be a matter of self-identification (Pew Research Center, 2008, 2012). The interplay among these many factors is examined in studies by Hout (2007) and Savage et al. (2013), among others.”

Source: Pew Research Center, *Social and Demographic Trends*, <http://www.pewsocialtrends.org/2015/12/09/the-american-middle-class-is-losing-ground/>, Accessed March 2016.

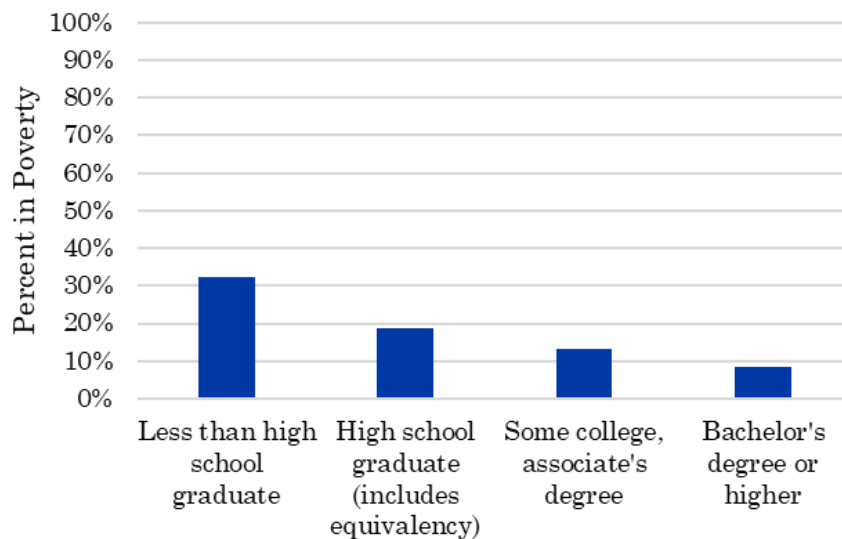
According to the U.S. Census Bureau, 20.0% of Worcester's population is below the poverty level, while 10.3% of the Massachusetts population and 13.4% of the United States population is below the poverty level. The weighted average poverty threshold for a family of four in 2019 is \$26,500. Poverty is defined using pre-tax income.

Worcester: Poverty by Age for Population Below Poverty Level, 2019



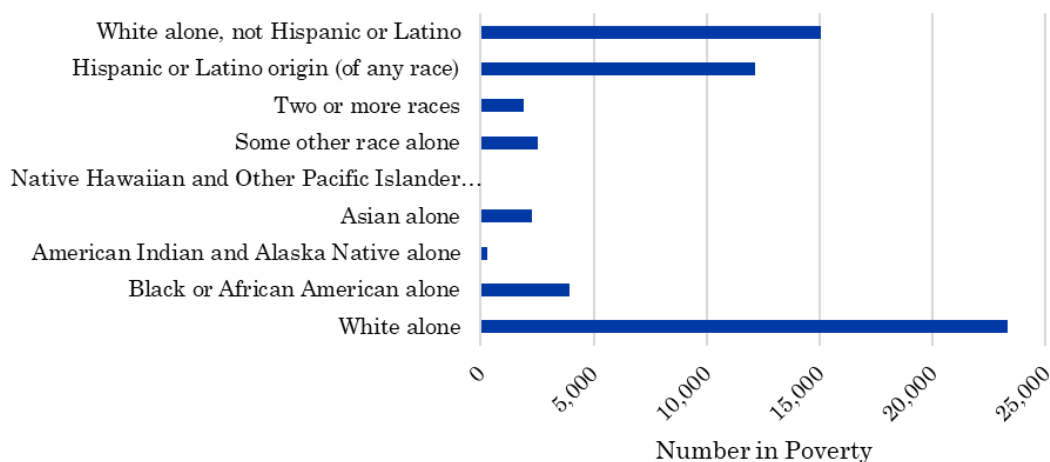
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Percent in Poverty by Educational Attainment, 2019*

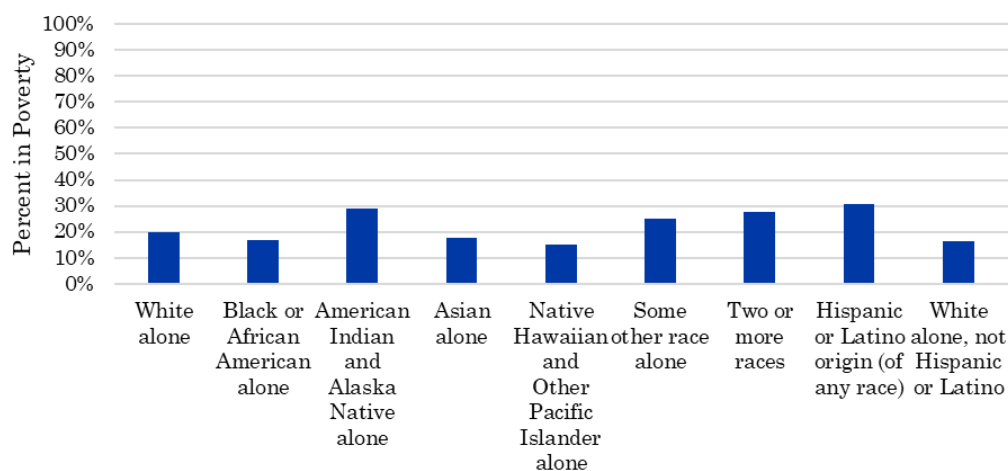


*For population 25 years old and over.

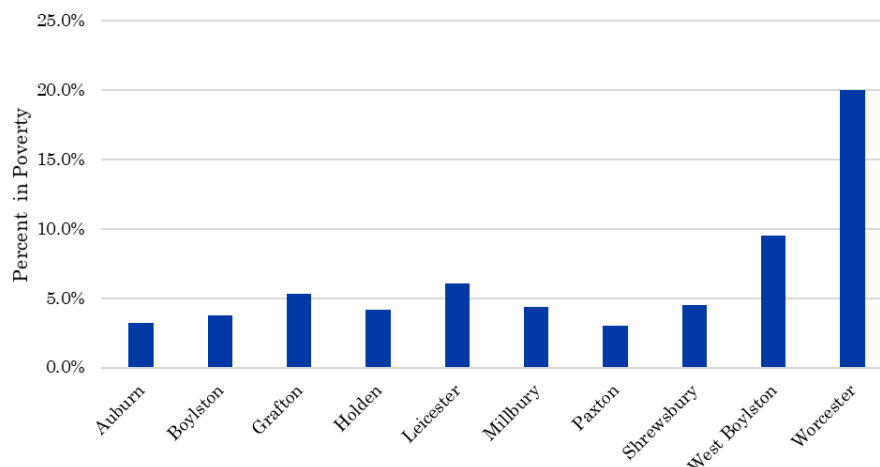
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Number in Poverty by Race, 2019

Poverty

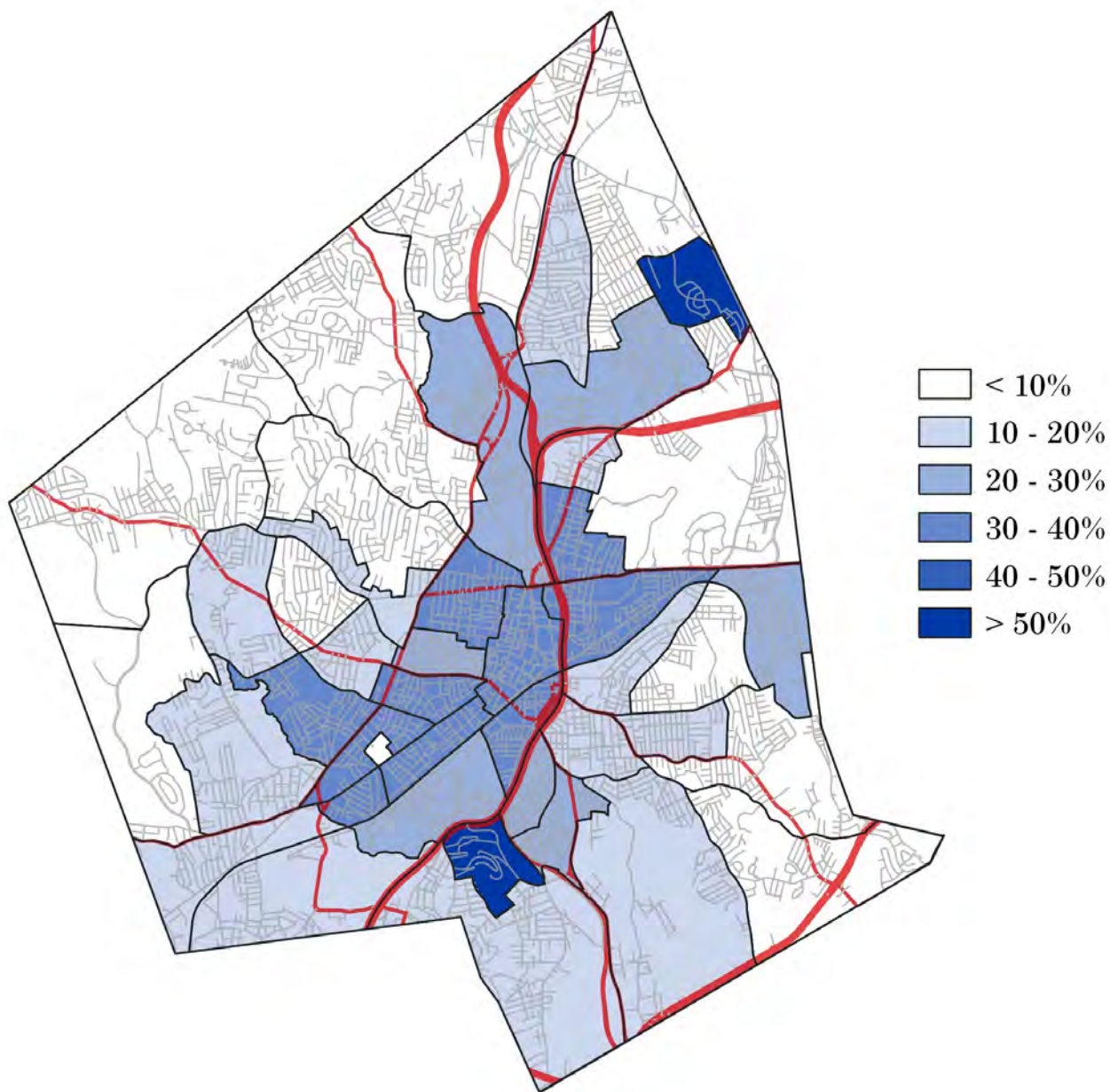
Worcester: Percent in Poverty, 2019

While the highest number of Worcester residents in poverty are White, people of Hispanic or Latino origin are more likely to live in poverty than all other racial and ethnic categories.

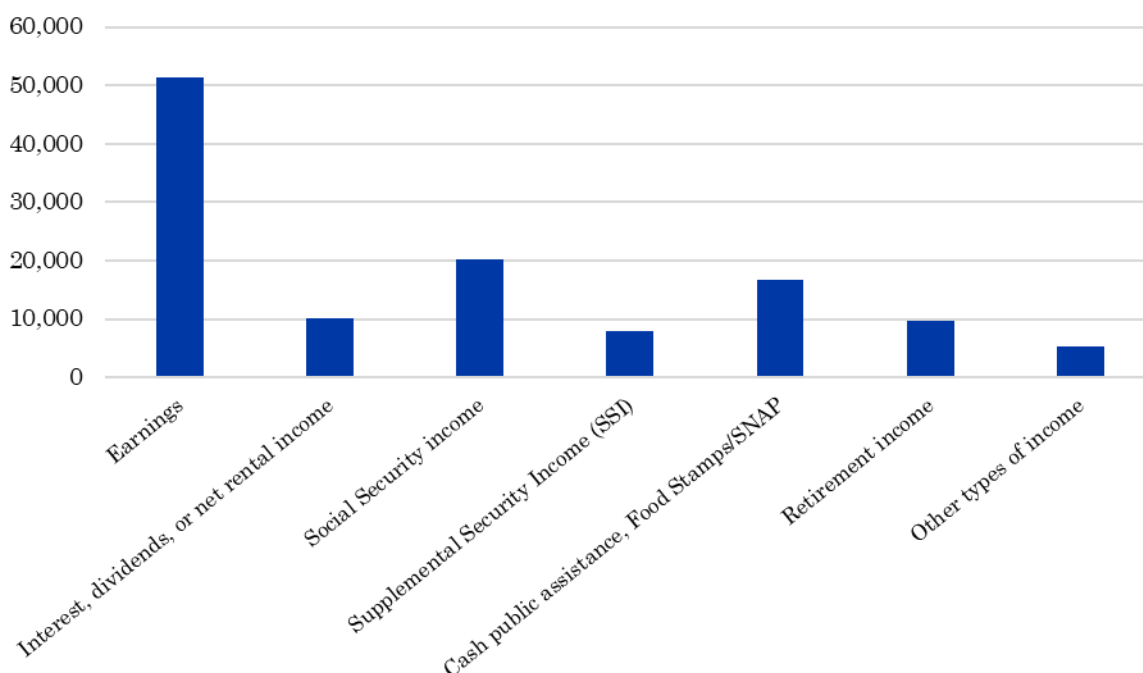
Greater Worcester: Percent in Poverty, 2019

Source for all charts on this page: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Percent of Residents Below Poverty Level, 2019



Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Sources of Household Income, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

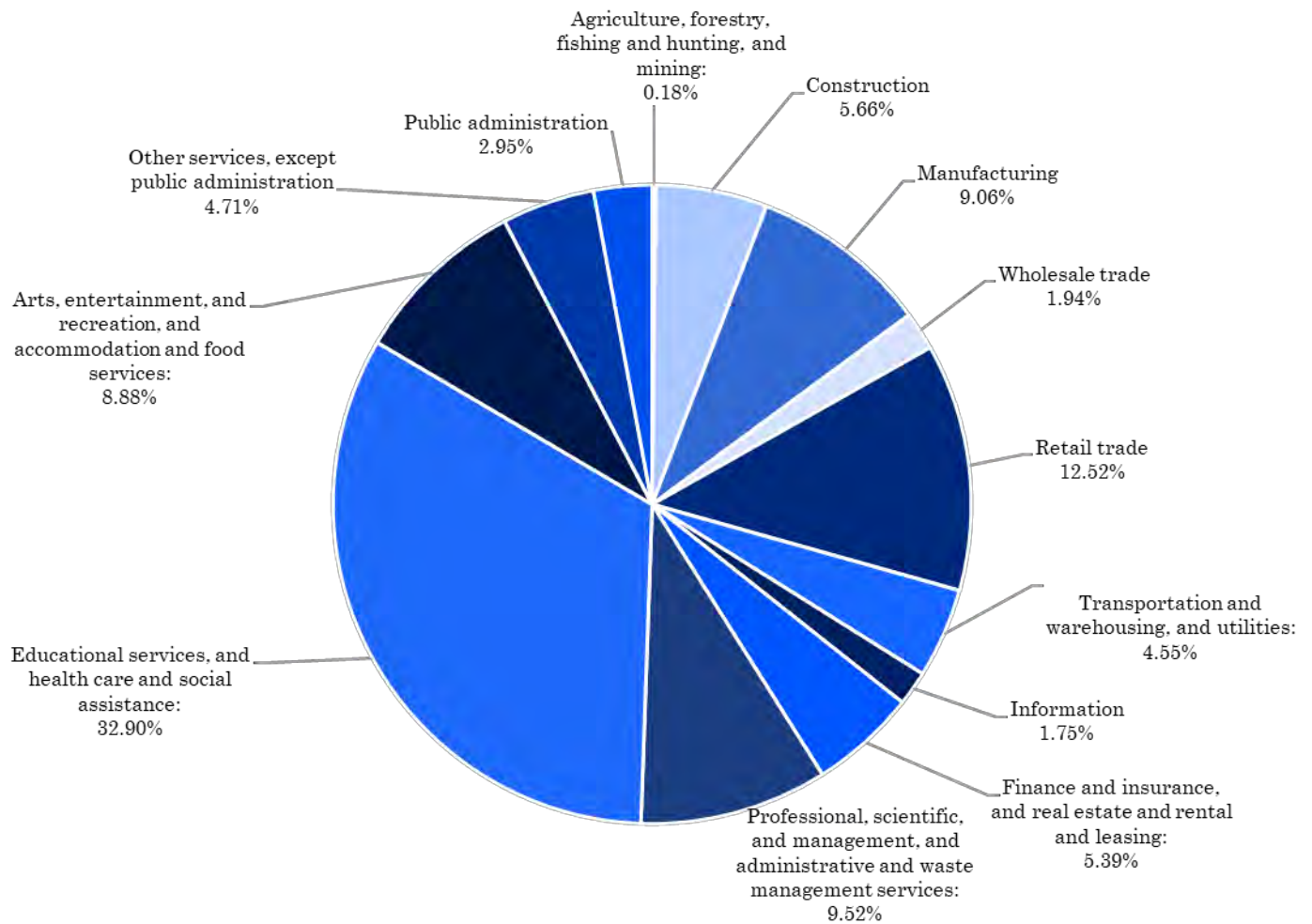
In 2019, the majority of Worcester's households derive some part of their income through earnings. Other income sources included Social Security and Cash public Assistance, Food Stamps/SNAP (Supplemental Nutrition Assistance Program) benefits.

Worcester Economic Index, 2020	
Month	Worcester Economic Index
January	119.4
February	119.3
March	119.1
April	N/A
May	N/A
June	N/A
July	N/A
August	N/A
September	N/A
October	N/A
November	N/A
December	N/A

Source: Thomas White, Assumption University.

The quarterly Worcester Economic Indicators Report, developed by Thomas White, Ph.D. Professor in the Department of Economics, Finance and International Business at Assumption University, typically measures the health of the City of Worcester's economy. This year, due to COVID-19, impacts on the economy were more drastic than in previous years. As the formula was built to measure incremental change, it is not an appropriate economic measure for 2020 so numbers from April through December are not available.

The base year is January 2001 (January 2001 = 100).

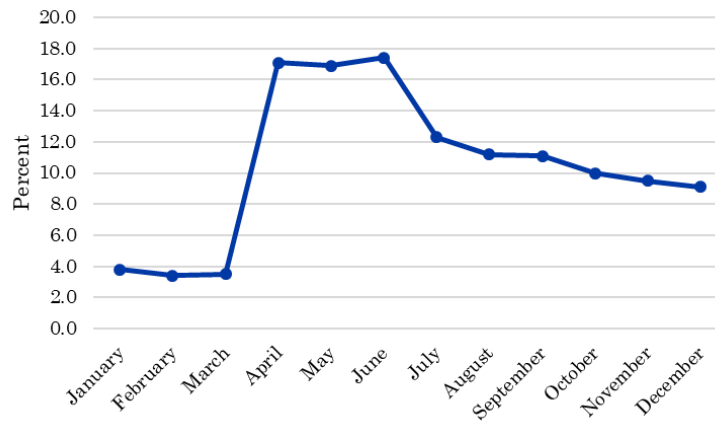
Worcester: Employment by Industry, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Employment & Earnings by Industry, 2019

Industry	Number of Employees	Median Earnings	Percent Male	Percent Female	Median Earnings for Male	Median Earnings for Female	Female Earnings as a Percent of Male
Agriculture, forestry, fishing and hunting, and mining	155	\$6,477	46.5%	53.5%	30,500	2,500	-
Construction	4,961	\$47,408	91.1%	8.9%	47,774	41,647	87.20%
Manufacturing	7,950	\$44,336	69.9%	30.1%	50,093	36,310	72.50%
Wholesale trade	1,701	\$42,367	68.6%	31.4%	43,750	37,500	85.70%
Retail trade	10,979	\$26,386	55.9%	44.1%	29,111	22,886	78.60%
Transportation and warehousing, and utilities	3,995	\$36,134	79.4%	20.6%	43,997	16,975	38.60%
Information	1,533	\$45,691	52.7%	47.3%	60,093	34,778	57.90%
Finance and insurance, and real estate and rental and leasing	4,729	\$51,397	44.7%	55.3%	53,187	48,673	91.50%
Professional, scientific, and management, and administrative and waste management services	8,350	\$43,131	62.2%	37.8%	44,472	40,316	90.70%
Educational services, and health care and social assistance	28,861	\$37,011	32.9%	67.1%	41,563	34,946	84.10%
Arts, entertainment, and recreation, and accommodation and food services	7,791	\$18,295	46.2%	53.8%	22,983	15,495	67.40%
Other services, except public administration	4,130	\$27,095	35.7%	64.3%	33,984	24,358	71.70%
Public administration	2,587	\$57,662	56.6%	43.4%	64,399	54,167	84.10%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

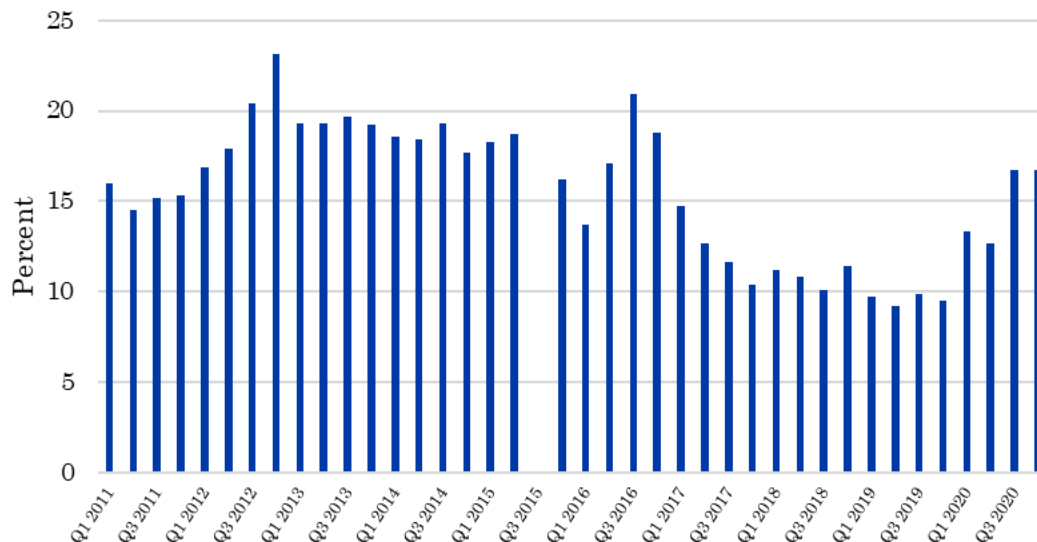
Worcester Metropolitan Area: Unemployment Rate, 2020

Source: Bureau of Labor Statistics.

Worcester: Office and R&D Space, 2020*

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Square Feet (SF) Supply	2,891,924	2,891,924	2,891,924	2,891,924
Direct SF Available	335,414	340,248	382,782	382,782
Sublease SF Available	49,271	28,000	100,000	100,000
Vacancy Rate%	13.30%	12.70%	16.70%	16.70%
Current Absorption	111,189	16,437	114,534	-
YTD Absorption	111,189	94,752	209,286	209,286

Source: Based on a survey of select properties by Colliers International.

Worcester: Quarterly Office & R&D Vacancy Rate, 2011-2020

Colliers International completes a survey of office vacancies for Greater Boston that includes select buildings in Worcester. Colliers did not complete a market survey in the 3rd Quarter of 2015.

Source: Based on a survey of select properties by Colliers International.

Worcester: Hotels, 2020	
	Number of Rooms
AC Hotel by Marriott	170
Beechwood Hotel	73
Courtyard by Marriott Worcester	134
Hampton Inn & Suites Worcester	100
Hilton Garden Inn Worcester	199
Holiday Inn Express Worcester	96
Homewood Suites	118
Quality Inn & Suites	114
Residence Inn by Marriott	129
Total Hotel Rooms	1,133

Source: Discover Central Massachusetts.

Worcester: Hotel Market, 2020	
Occupancy	42.5%
Average Daily Rate (ADR)	\$108.35
Revenue per Available Room	\$46.06

Source: Discover Central Massachusetts.

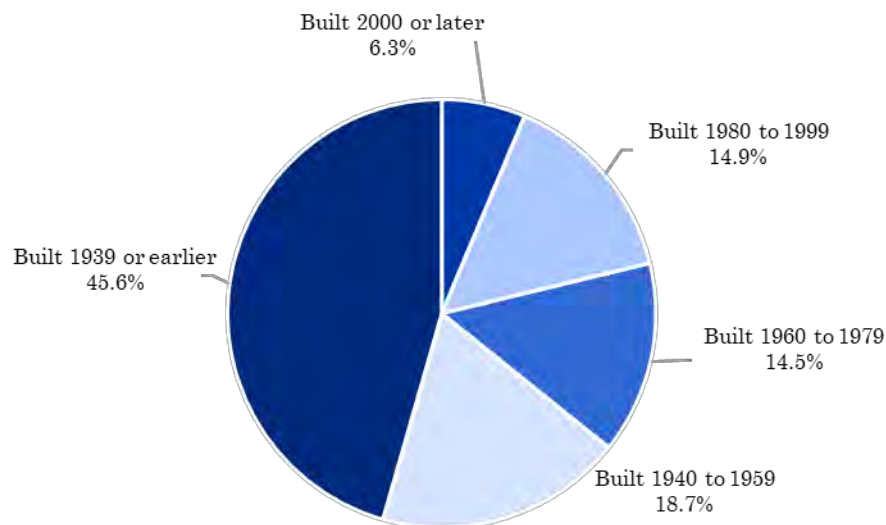
Worcester County: Hotel Market, 2020	
Occupancy	41.6%
Supply	2,188,999 Room Nights
Demand	910,329 Room Nights
Average Daily Rate (ADR)	\$93.83
Revenue per Available Room	\$39.02

Source: Discover Central Massachusetts.

Worcester: Housing Units, 2019	
Total Housing Units	78,438
<i>Occupied Housing Units</i>	<i>71,595</i>
<i>Vacant Housing Units</i>	<i>6,843</i>
Housing Units in Multi-Unit Structures	48,930
Homeowner Vacancy Rate	1.6%
Rental Vacancy Rate	3.4%

Source: U.S. Census Bureau, 2018 5-Year American Community Survey.

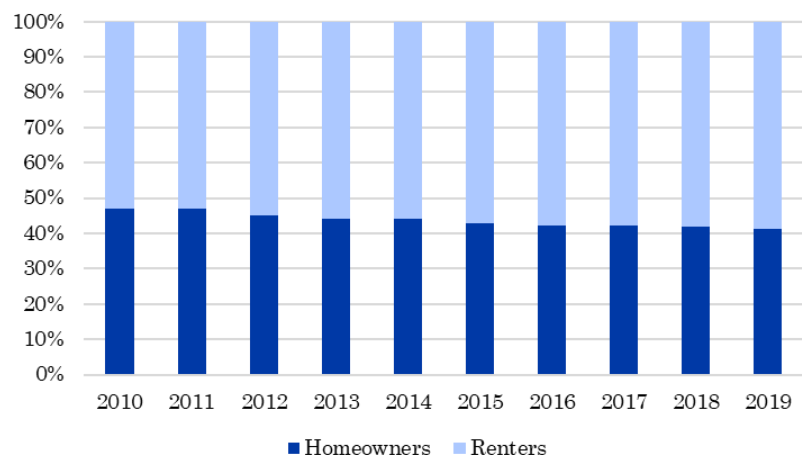
Worcester: Age of Housing Stock, 2019



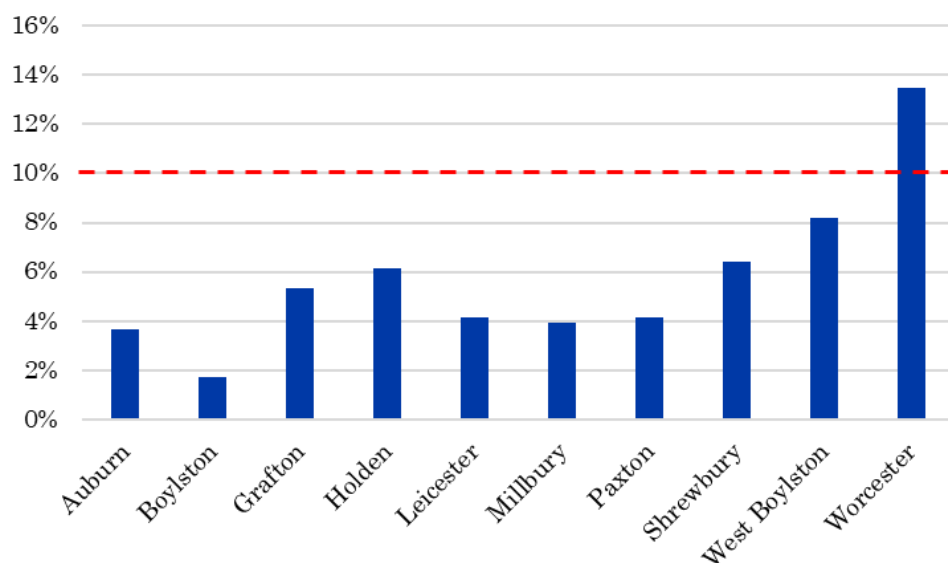
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Owner-Occupied, and Renter-Occupied as a Percent of Total Households, 2010-2019

In 2019 there were 71,595 occupied housing units in Worcester. Of those households 29,553 (41.3%) were owner-occupied and 42,042 (58.7%) were renter-occupied.



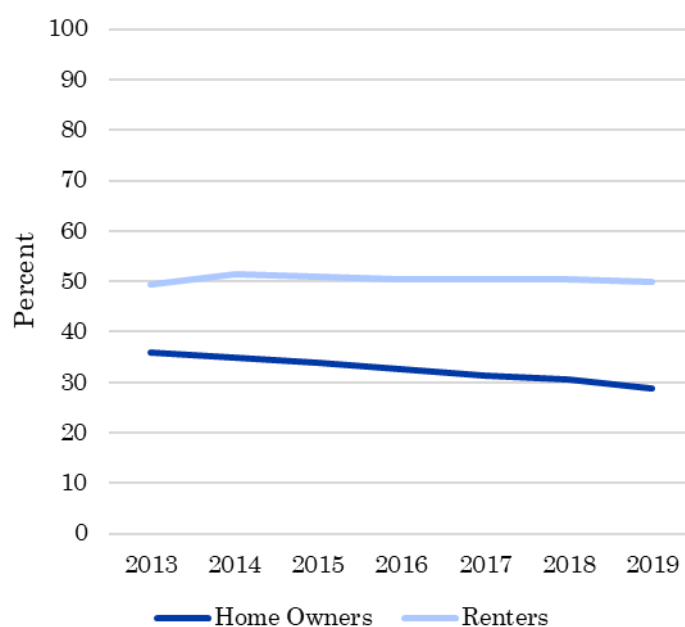
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Chapter 40B Subsidized Housing Inventory

Massachusetts General Laws Chapter 40B was adopted in 1969 as part of the Massachusetts Comprehensive Permit Act to encourage and facilitate the building of affordable, long-term housing for low-income individuals and families across the Commonwealth and to ensure that low-income residents can remain in their localities if housing costs increase. The law calls on every Massachusetts community to ensure that 10% of all housing units meet certain affordability requirements.

Red line indicates 10% threshold called for under Chapter 40B.

Source: Massachusetts Department of Housing & Community Development.

Worcester: Percent of Households Spending 30% or More of Income on Housing, 2013-2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Annual City of Worcester Point-In-Time Count, January 29, 2020					
	Sheltered			Unsheltered	Total
	Emergency Shelter	Transitional	Safe Haven		
Total Homeless	862	339	11	189	1401
Chronically Homeless	99	0	11	59	169
<i>Age</i>					
# under age 18	395	74	0	3	472
# ages 18-24	52	62	0	12	126
# ages 24 and older	415	203	11	174	803
<i>Gender</i>					
Female	474	132	3	65	674
Male	387	202	8	123	720
Transgender	1	5	0	0	6
Gender Non-Conforming (i.e. not exclusively male or female)	0	0	0	1	1
<i>Race</i>					
White	622	261	5	171	1059
Black or African American	206	69	4	14	293
Asian	9	1	2	2	14
American Indian or Alaska Native	6	0	0	0	6
Native Hawaiian or Other Pacific Islander	1	1	0	0	2
Multiple Races	18	7	0	2	27
<i>Ethnicity</i>					
Non-Hispanic/Non-Latino	493	202	11	139	845
Hispanic/Latino	369	137	0	50	556

Source: Central Massachusetts Housing Alliance.

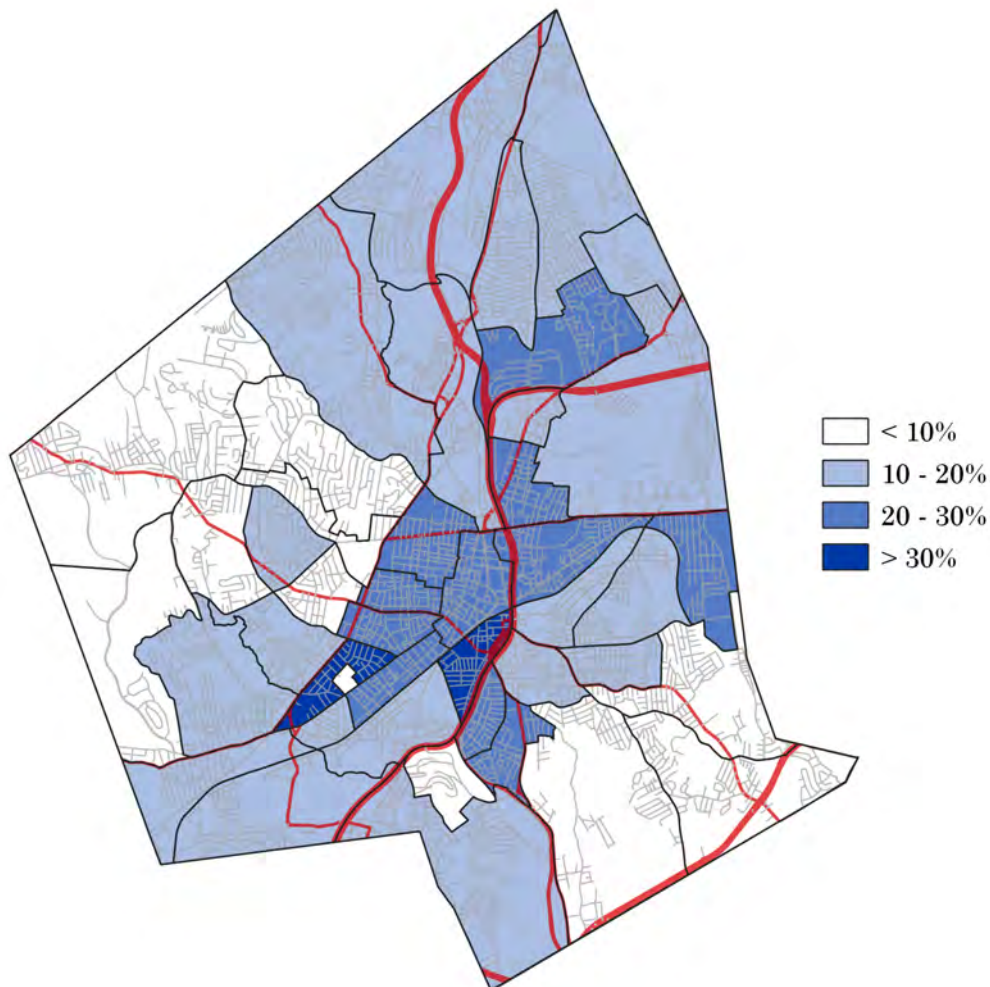
Worcester: Veterans, 2019	
Number of Veterans	7,692
Veterans as % of Population 18 and Older	5.1%
% of Veterans - Male	93.2%
% of Veterans - Female	6.8%
% of Veterans - Disabled	33.6%
% of Veterans - Below the Poverty Line	10.3%
Period of Service	
Gulf War (September 2001 or later)	1,162
Gulf War (August 1990 to August 2001)	1,070
Vietnam era	2,697
Korean War	602
World War II	492

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Household Internet Access Metrics, 2019	
With an Internet Subscription	80.6%
Broadband such as cable, fiber optic or DSL	80.2%
Cellular Data Plan	66.5%
Satellite Internet Service	2.6%
Dial-up with no other subscription	0.4%
No Internet Access	19.4%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Percent of Households with No Internet Access



Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Internet Access Details, 2019

		With a Computer				No Computer in Household	Percent No Computer in Household
	Total	Broadband Internet Subscription	Percent Broadband Internet Subscription	Without an Internet Subscription	Percent without an Internet Subscription		
Total population in households	170,732	146,217	85.6%	11,826	6.9%	12,188	7.1%
<i>Age</i>							
Under 18 years	34,557	31,682	91.7%	2,216	6.4%	644	1.9%
18 to 64 years	112,713	99,495	88.3%	8,026	7.1%	4,903	4.3%
65 years and over	23,462	15,040	64.1%	1,584	6.8%	6,641	28.3%
<i>Race</i>							
White alone	116,393	98,661	84.8%	7,564	6.5%	9,782	8.4%
Black or African American alone	23,276	20,365	87.5%	1,737	7.5%	1,059	4.5%
American Indian and Alaska Native alone	1,097	711	64.8%	227	20.7%	159	14.5%
Asian alone	13,018	12,018	92.3%	738	5.7%	262	2.0%
Native Hawaiian and Other Pacific Islander alone	100	97	97.0%	3	3.0%	-	0.0%
Some other race alone	9,965	8,364	83.9%	928	9.3%	673	6.8%
Two or more races	6,883	6,001	87.2%	629	9.1%	253	3.7%
<i>Ethnicity</i>							
Hispanic or Latino origin (of any race)	39,177	32,465	82.9%	4,124	10.5%	2,573	6.6%
White alone, not Hispanic or Latino	91,355	77,922	85.3%	4,901	5.4%	8,161	8.9%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.



Health

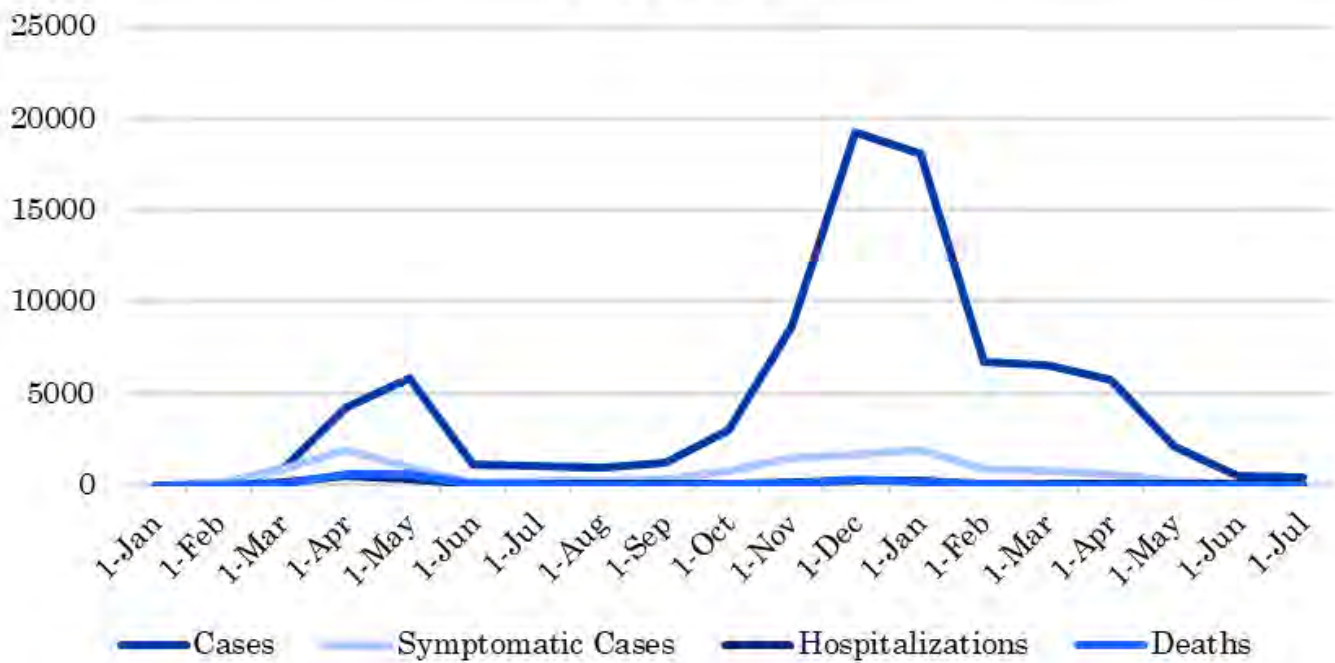
Worcester: Vital Statistics, 2020	
Births*	5,917
Deaths	3,620
Marriages	645

**All births in Worcester, regardless of Mother's residency.
Source: City of Worcester Clerk's Office.*

Worcester County COVID-19 Cases, Hospitalizations, and Deaths				
Month/Year	Cases	Symptomatic Cases	Hospitalizations	Deaths
1/20	0	0	0	0
2/20	12	11	2	0
3/20	871	814	129	11
4/20	4262	1890	477	547
5/20	5828	953	328	539
6/20	1114	182	42	49
7/20	992	259	24	11
8/20	909	206	19	0
9/20	1237	305	26	0
10/20	2957	801	59	25
11/20	8627	1435	123	82
12/20	19216	1631	246	299
1/21	18051	1921	220	171
2/21	6699	888	71	32
3/21	6517	770	49	0
4/21	5753	546	41	0
5/21	2122	198	24	0
6/21	520	47	9	0
7/21	374	86	18	0

Source: Center for Disease Control

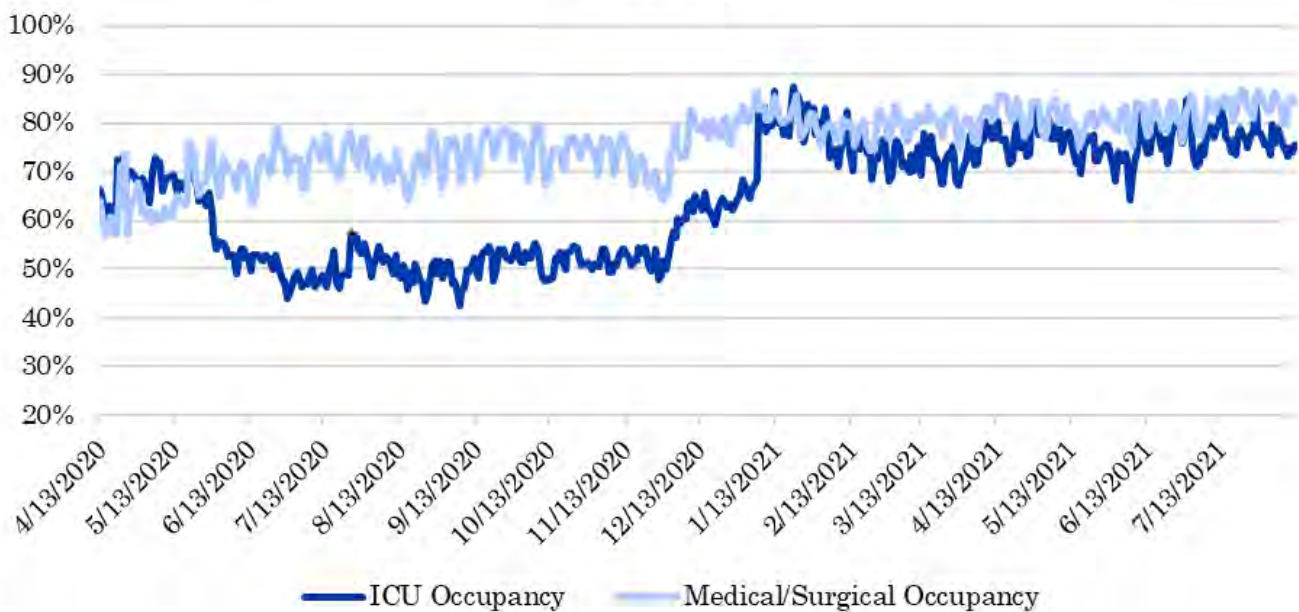
Worcester County: COVID-19 (January 2020 - July 2021)



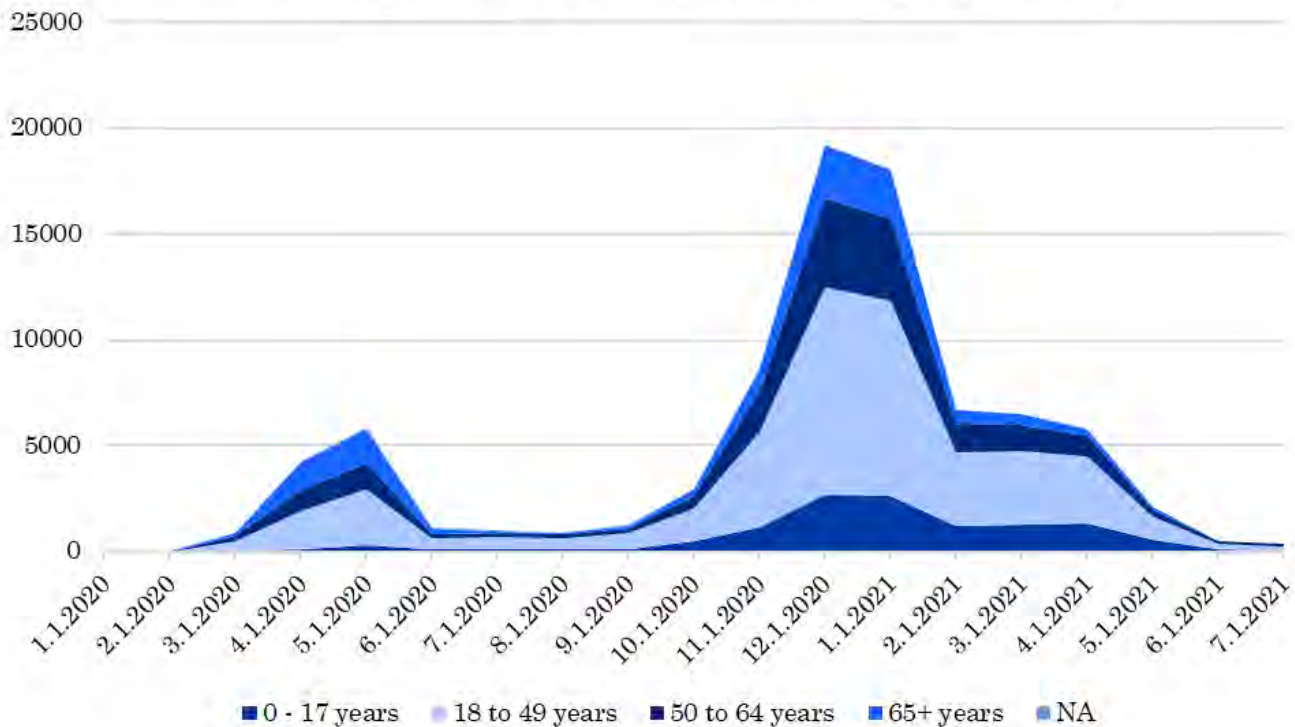
Source: Center for Disease Control

Note: Reported data only tracks confirmed cases, hospitalizations, and deaths (not probable). Symptomatic cases are self-reported data and subsequently are subject to bias.

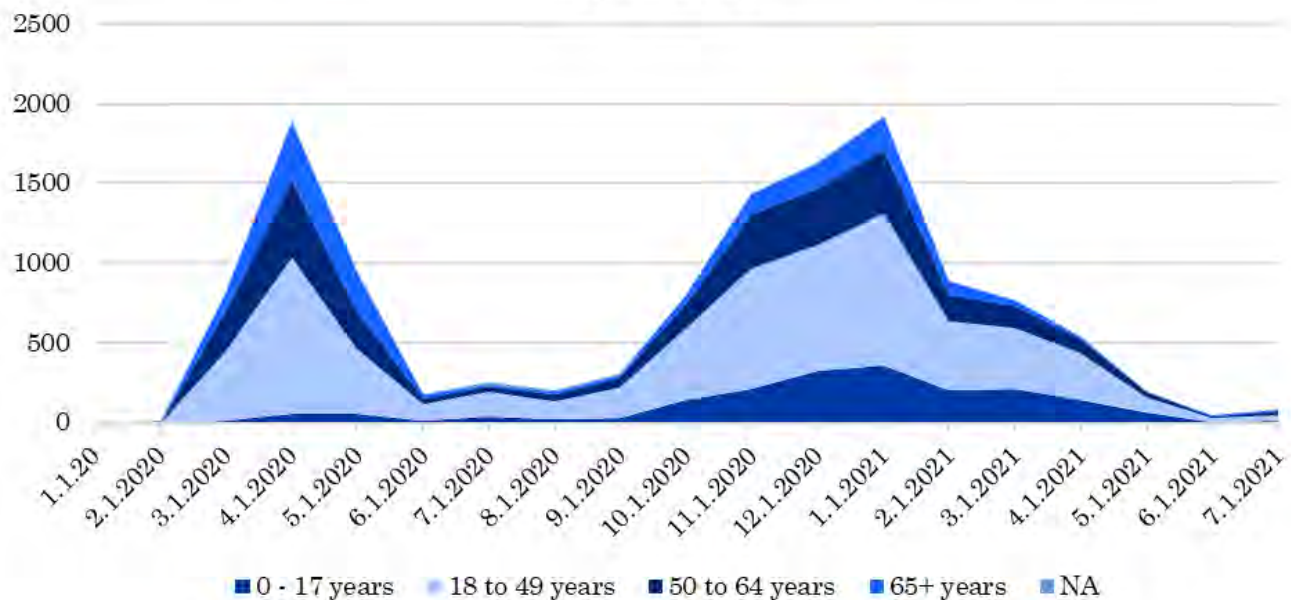
Worcester County: ICU and Medical/Surgical Bed Occupancy



Source: Massachusetts Department of Public Health

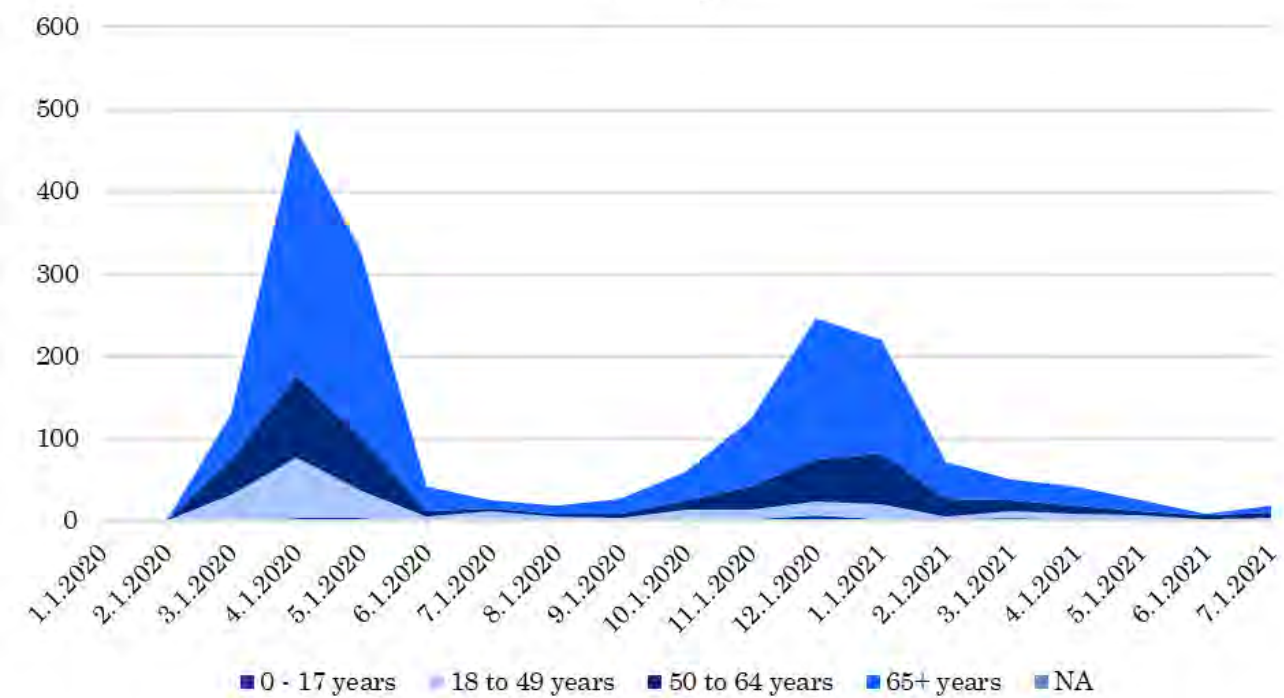
Worcester County: COVID-19 Cases by Age Group

Source: Center for Disease Control

Worcester County: COVID-19 Symptomatic Cases by Age Group

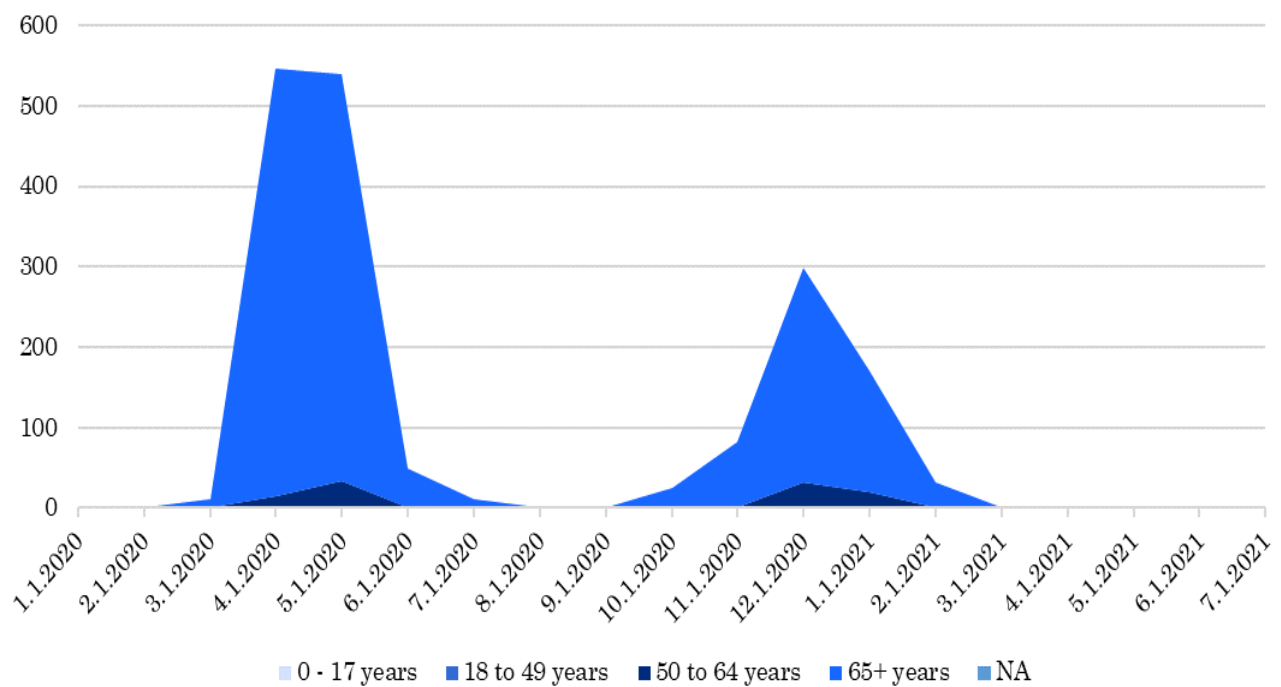
Source: Center for Disease Control

Worcester County: COVID-19 Hospitalizations by Age Group



Source: Center for Disease Control

Worcester County: COVID-19 Deaths by Age Group



Source: Center for Disease Control

**Greater Worcester: Number of Confirmed Opioid Related Overdose Deaths, 2015-2020
(by town of residence for deceased)**

	2015	2016	2017	2018	2019	2020
Auburn	4	2	4	6	4	3
Boylston	2	0	1	1	1	1
Grafton	2	1	0	3	6	2
Holden	4	5	1	3	1	2
Leicester	2	2	4	6	4	5
Millbury	4	4	7	7	8	6
Paxton	1	0	0	1	1	2
Shrewsbury	2	7	8	7	6	4
West Boylston	0	1	3	4	2	1
Worcester	84	74	85	98	81	98

Source: Massachusetts Department of Public Health.

**Greater Worcester: Number of Confirmed Opioid Related Overdose Deaths, 2015-2020
(by location of incident)**

	2015	2016	2017	2018	2019	2020
Auburn	1	0	1	1	0	1
Boylston	1	0	0	0	0	0
Grafton	2	0	0	2	3	0
Holden	1	2	0	1	2	1
Leicester	1	1	2	2	1	2
Millbury	1	3	2	3	4	3
Paxton	0	0	0	0	1	2
Shrewsbury	1	3	7	5	2	5
West Boylston	0	2	2	1	1	0
Worcester	122	109	122	134	144	125

Source: Massachusetts Department of Public Health.

Worcester: Uninsured, 2019*				
	Worcester		Massachusetts	
	Number	Percent	Number	Percent
Uninsured	5,329	2.9%	184,322	2.7%

*Non-institutionalized population.

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Number of Beds - Licensed or Certified Health Care Facilities, August 2021	
Acute Hospitals	1,095
Non-Acute Hospitals	390
Renal Dialysis	86
Nursing Homes	2260
Rest Homes	325

Source: Massachusetts Department of Public Health.

Worcester: National Institutes of Health Funding, 2020		
CG Scientific, Inc.	2 awards	\$660,379
Clark University	2 awards	\$901,762
Enable Life Sciences LLC	1 award	\$224,000
Enrich Therapeutics, Inc.	1 award	\$846,875
Microbiotix, Inc.	9 awards	\$6,132,413
Microgradient Fluidics LLC	1 award	\$168,086
Signablok, Inc.	3 awards	\$1,706,450
University of Massachusetts	349 awards	\$294,146,927
Worcester Polytechnic Institute	10 awards	\$3,884,882
Zata Pharmaceuticals, Inc.	1 award	\$1,010,910
Total	379	\$309,682,684

Source: National Institutes of Health.



Education

A STRATEGIC PLAN FOR EDUCATION IN WORCESTER

AN OVERVIEW

2018-2023



Culture of Innovation

All students will have access to high quality learning experiences which leverage effective approaches



Academic Excellence

All students will have access to rigorous and personalized learning supported by technology



Welcoming Schools

All students will gain a holistic set of skills and be supported by a network—inclusive of their families and the community—to realize their personal, academic, and professional goals



Investing in Educators

All students will be supported by effective educators who demonstrate leadership and commitment to enhancing student learning and development



Technology & Operations

All students will learn in an efficient and fiscally sound district

Where We're Headed

WPS STUDENTS WILL

Current		2023
31%	➔	47%
MEET/EXCEED EXPECTATIONS ON 3RD GRADE ELA MCAS		

Current		2023
65%	➔	76%
ENROLL IN POSTSECONDARY OPPORTUNITIES ⁸		

Current		2023
17%	➔	14%
REDUCE CHRONIC ABSENTEEISM		

Current		2023
1:4	➔	1:1
ACCESS TECHNOLOGY (STUDENT TO DEVICE RATIO)		

WPS WILL

INCREASE PER PUPIL EXPENDITURE BY	➔	8%
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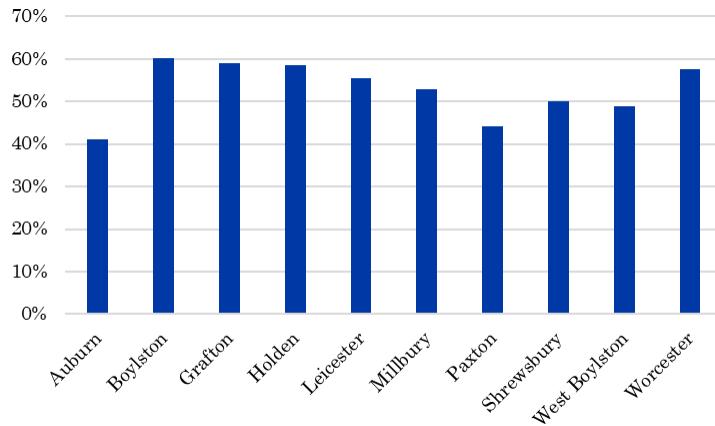
INCREASE NUMBER OF HIGH PERFORMING SCHOOLS BY	➔	20%
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INCREASE DIVERSITY OF NEW HIRES BY	➔	25%
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For more information and a full copy of the strategic plan visit: worcesterschoolsstrategicplan.wrrb.org

Worcester Public School District: Quadrants

Greater Worcester: Education as Percent of FY21 Municipal Budget

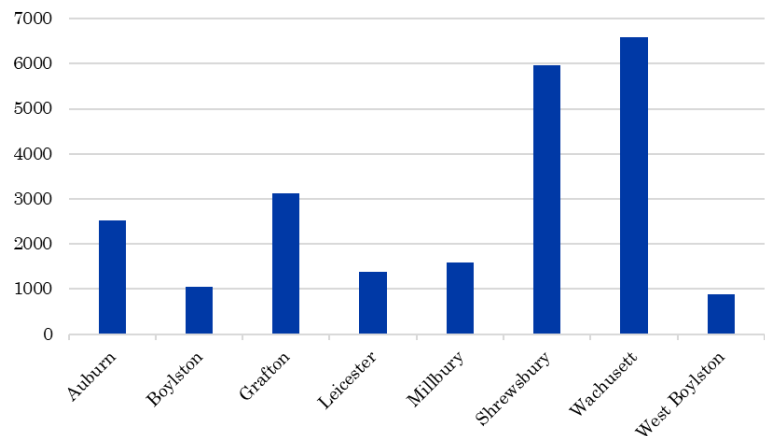


Sources: Individual Town Budgets.

Note: Due to the pandemic, many schools went remote in 2020.

Greater Worcester: Number of Students, 2021

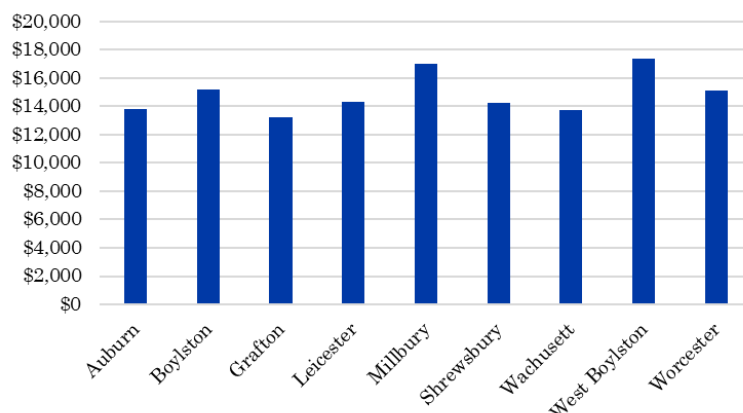
The towns of Holden and Paxton are part of the Wachusett Regional School District, the largest regional district in the Commonwealth.



Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, many schools went remote in 2020.

Greater Worcester: Per Pupil Spending, 2019



The town of Boylston oversees a K-5 elementary school and is part of the Berlin-Boylston Regional School District for Grades 6-12.

Source: Massachusetts Department of Elementary & Secondary Education.

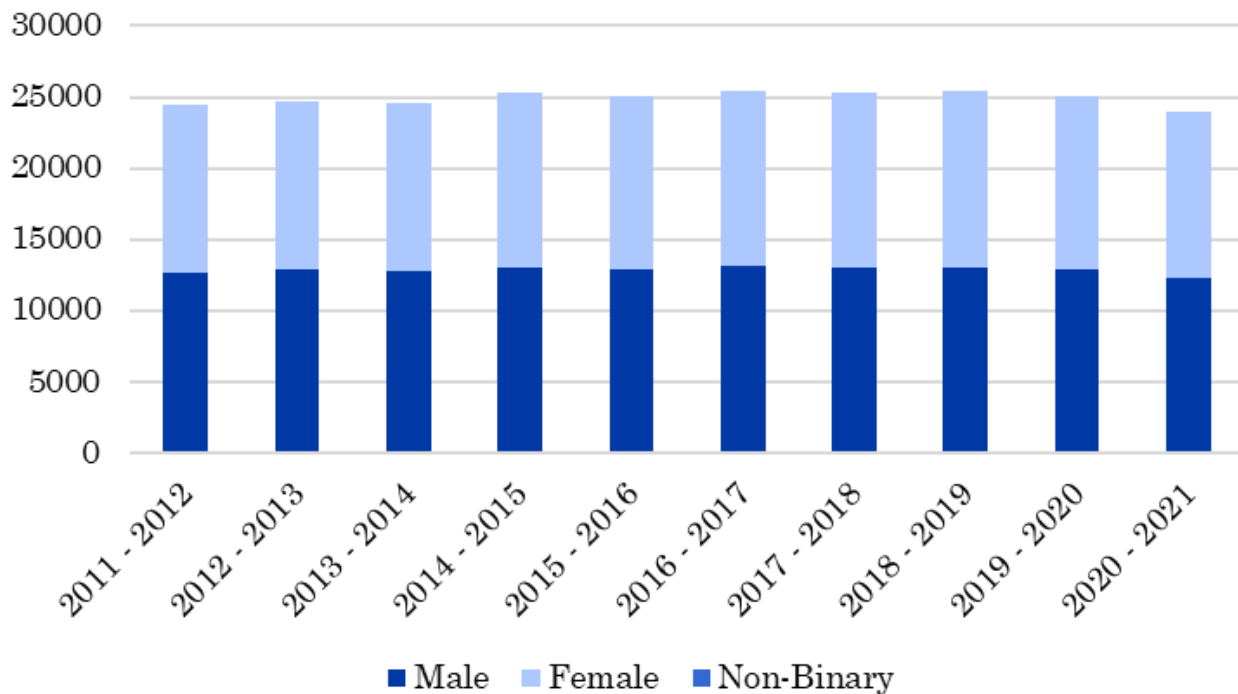
Note: Due to the pandemic, many schools went remote in 2020.

Worcester Public Schools: 2020-2021		
	# of Schools	# of Students
Elementary Schools	33	12,831
Middle Schools 6-8	1	931
Middle Schools 7-8	3	2,329
Grade 7-12 Schools	2	779
High Schools	5	6,797
Head Start Program	1	319
<i>Total</i>	45	23,986

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

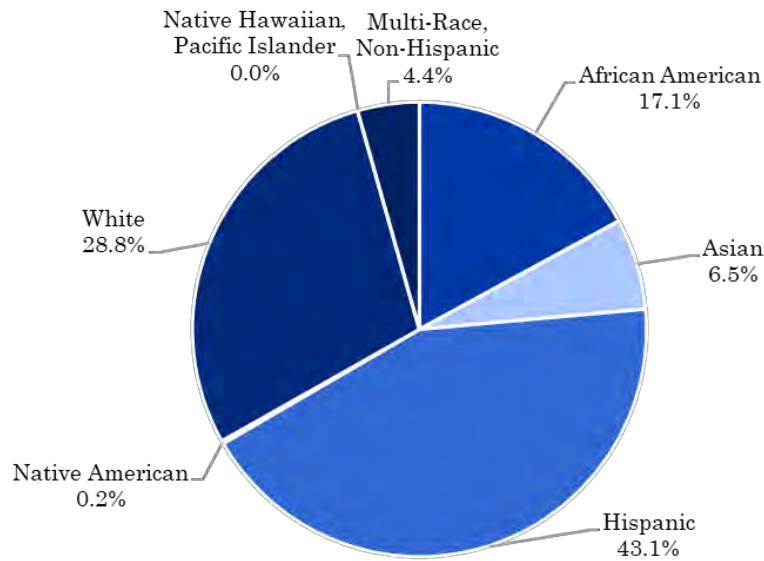
Worcester Public Schools: Enrollment by Gender, 2011-2021



Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Enrollment by Race/Ethnicity, 2020-2021

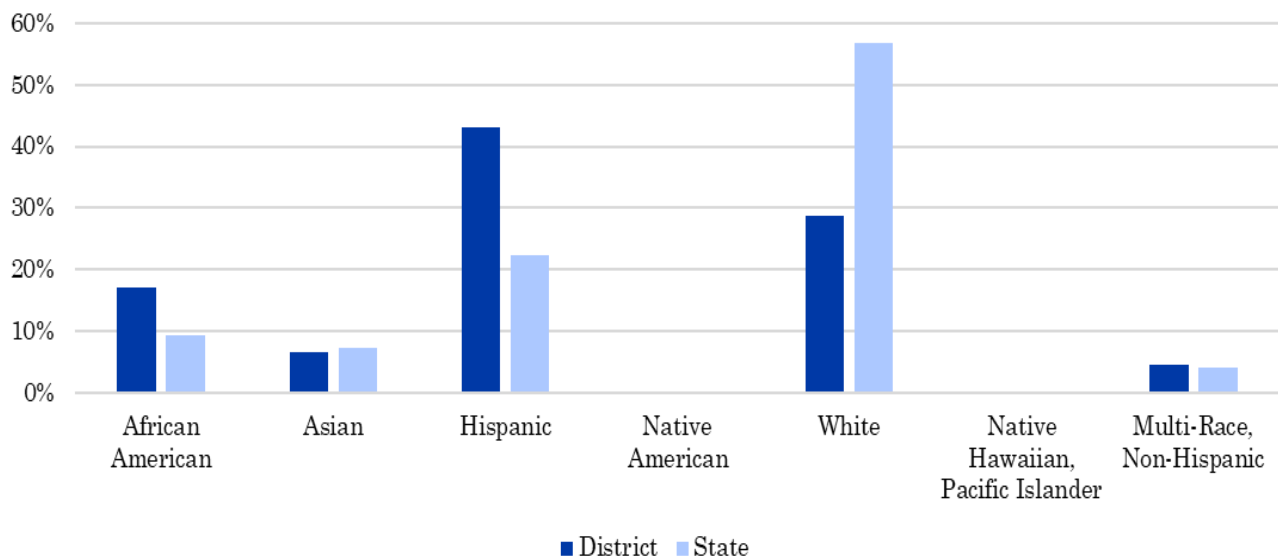


The U.S. Census Bureau tallies five categories of race: “American Indian or Alaska Native,” “Asian,” “Black or African American,” “Native Hawaiian or Other Pacific Islander,” and “White.” Hispanic origin is defined as ethnicity, rather than race, and persons defined as Hispanic or Latino can be of any race.

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Enrollment by Race/Ethnicity Compared to State, 2020-2021



Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Enrollment 2020-2021

	Number of Students		Number of Students
Head Start	319	Middle Schools	
Elementary Schools		Burncoat Middle School	688
Belmont Street Community	576	Forest Grove Middle	905
Burncoat Street	260	Sullivan Middle	931
Canterbury	300	Worcester East Middle	736
Chandler Elementary Community	453	<i>Total Middle School Students</i>	<i>3,260</i>
Chandler Magnet	475	Grades 7-12 Schools	
City View	462	Claremont Academy	546
Clark St Community	239	University Park Campus School	233
Columbus Park	383	<i>Total Grades 7-12 Schools Students</i>	<i>779</i>
Elm Park Community	401	High Schools	
Flagg Street	345	Burncoat Senior High	1,153
Francis J McGrath Elementary	224	Doherty Memorial High	1,439
Gates Lane	516	North High	1,299
Goddard School/Science Technical	356	South High Community	1,425
Grafton Street	377	Worcester Technical High	1,481
Heard Street	248	<i>Total High School Students</i>	<i>6,797</i>
Jacob Hiatt Magnet	383	Total Number of Students in WPS	23,986
Lake View	319		
Lincoln Street	249		
May Street	283		
Midland Street	210		
Nelson Place	532		
Norrback Avenue	518		
Quinsigamond	696		
Rice Square	465		
Roosevelt	626		
Tatnuck	397		
Thorndyke Road	346		
Union Hill School	389		
Vernon Hill School	467		
Wawecus Road School	127		
West Tatnuck	337		
Woodland Academy	504		
Worcester Arts Magnet School	368		
<i>Total Elementary School Students</i>	<i>12,873</i>		

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester: Private Schools, 2020
Alhuda Academy (PK-8)
Bancroft School (PK-12)
Happy Day Child Care Center (PK-3)
Notre Dame Academy (7-12)
Our Lady of the Angels School (PK-8)
Saint Paul Diocesan Junior/Senior High School (7-12)
Saint Peter Central Catholic School (PK-8)
Saint Stephen School (PK-8)
The Nativity School of Worcester (5-8)
Venerini Academy Elementary School (PK-8)
Worcester Academy (6-12+)
Worcester Seventh Day Adventist School (1-8)

Worcester: Charter Schools, 2020
Abby Kelley Foster Charter Public School (K-12)
Learning First Charter Public School (K-8)

Worcester: Independent Public Schools, 2020
Massachusetts Academy of Math and Science (11-12)

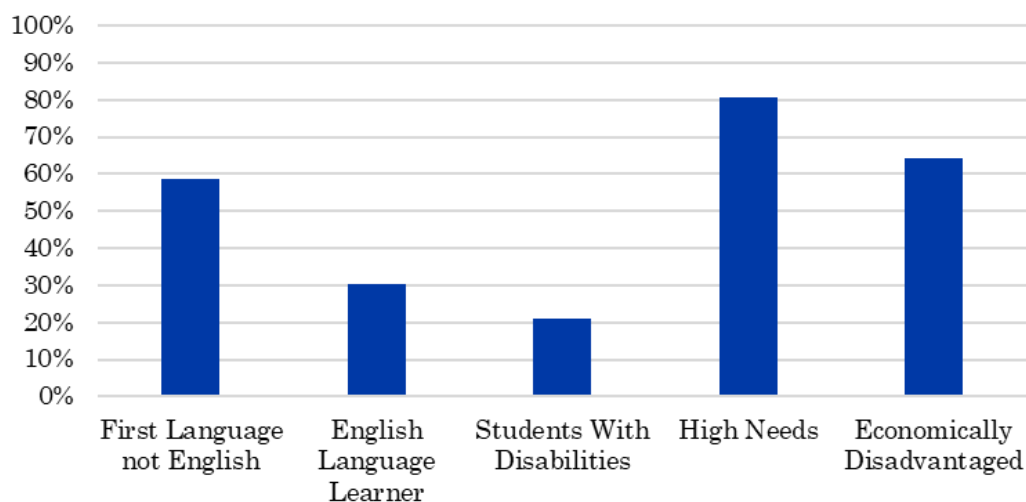
Sources: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools: Indicators, 2019-2020	
Grade 9-12 Drop Out Rate	1.7%
Retention Rate	1.9%
Attendance Rate	94.4%
Average Number of Days Absent	5.9
Percent of Students with Unexcused Absences Greater than 9 Days	14.6%

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

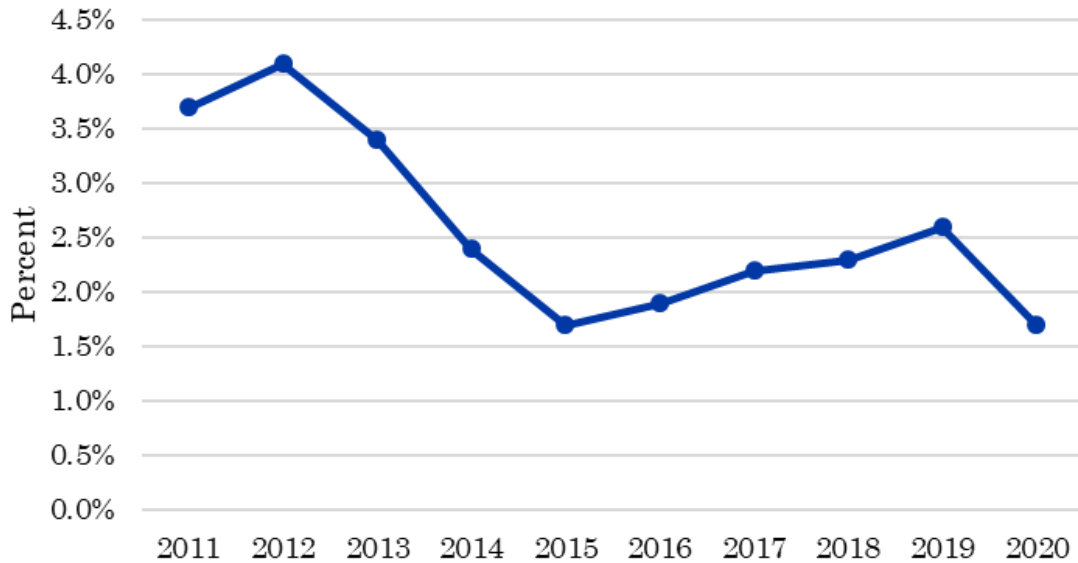
Worcester Public Schools: Selected Populations, 2020-2021



Source: Massachusetts Department of Elementary & Secondary Education.

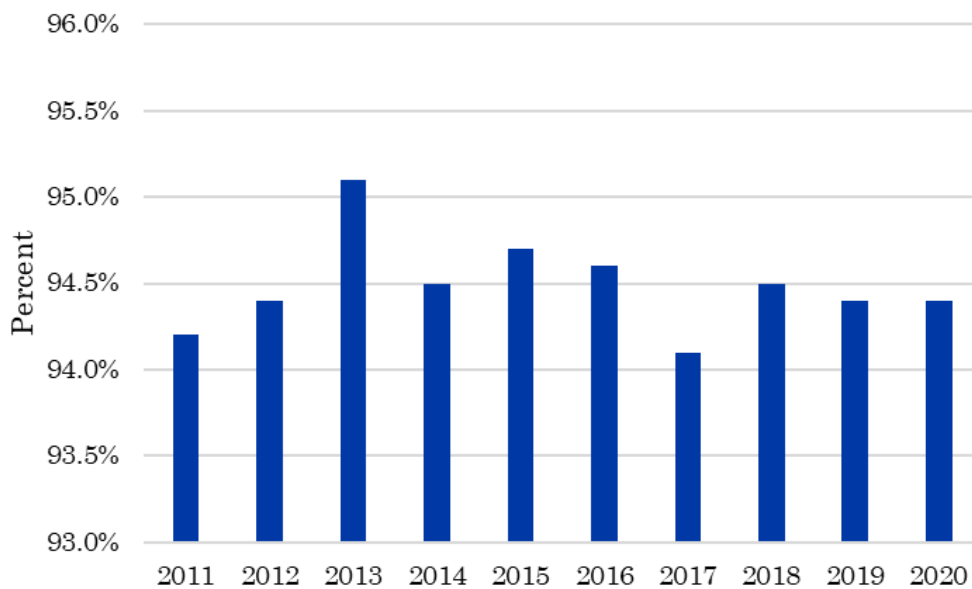
Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

The “First Language Not English” category includes individuals who learned English after learning another language and does not address the individual’s proficiency with English itself. “English Language Learner” identifies individuals who struggle to complete normal classwork in English.

Worcester Public Schools: Grades 9-12 Drop-Out Rates, 2011-2020

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Attendance Rates, 2011-2020

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: 4-Year Graduation Rates, Class of 2020

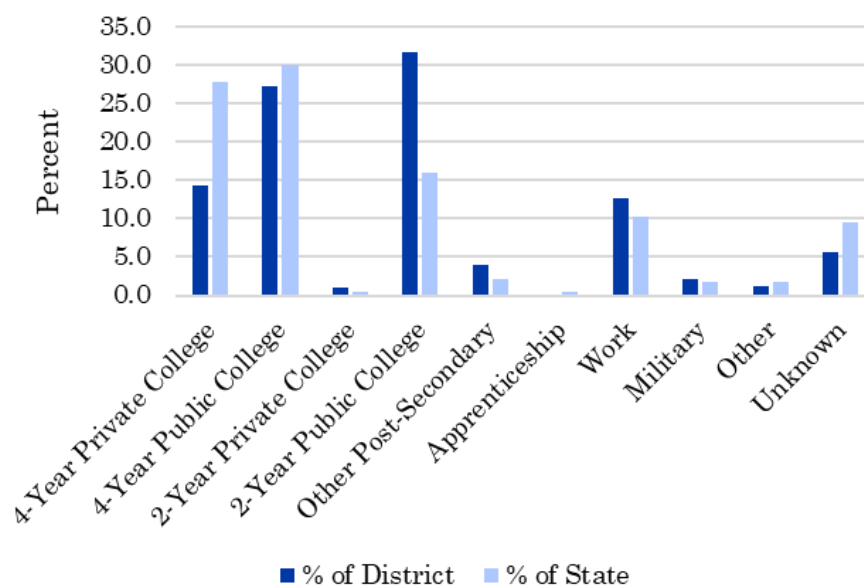
	% Graduated**	% Still in School	% Non-Grad Completers	% H.S. Equiv.	Percent Dropped Out
All Student	87.3	6.1	0.5	0.4	5.7
Male	83.7	7.7	0.9	0.6	7.1
Female	91.0	4.5	0.1	0.1	4.2
EL	79.7	9.7	0.7	0.2	9.7
Economically Disadvantaged	84.8	7.7	0.6	0.4	6.6
Foster Care	67.4	19.6	2.2	0.0	10.9
High Needs	84.6	7.6	0.6	0.3	6.9
Homeless	75.7	11.8	1.1	0.4	11.0
Students with disabilities	69.1	19.4	0.8	0.3	10.5
African American/Black	91.3	4.2	1.4	0.0	3.1
Asian	91.3	5.8	0.7	0.0	2.2
Hispanic or Latino	84.7	7.0	0.4	0.9	7.0
American Indian or Alaskan Native	-	-	-	-	-
White	88.0	5.9	0.0	0.0	6.1
Native Hawaiian or Pacific Islander	-	-	-	-	-
Multi-Race, Non Hispanic or Latino	82.3	9.7	0.0	0.0	8.1

*Graduation rates are not publicly reported for cohort counts fewer than 6.

**Indicates the percentage of students who graduate with a regular high school diploma within 4 years.

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Plans of High School Graduates, 2019-2020

Source: Massachusetts Department of Elementary & Secondary Education.

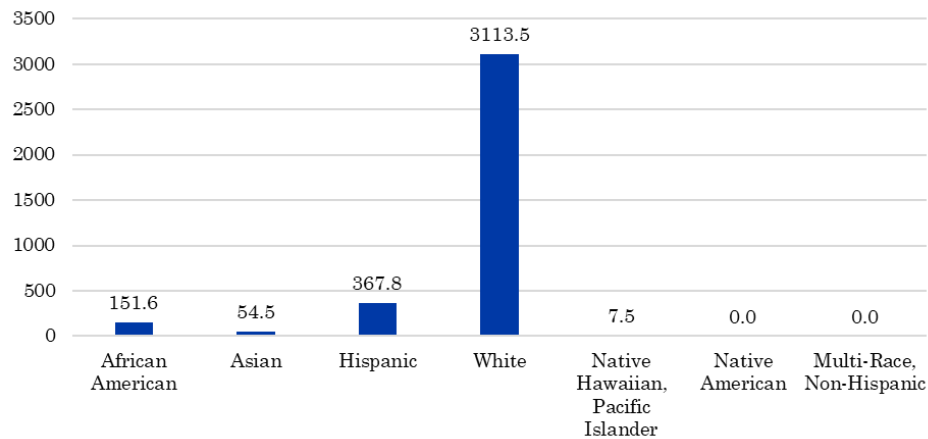
Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Teacher Data, 2019-2020

	Worcester	State
Total Number of Teachers - Full Time Equivalent	1889.0	75,152.1
Student-Teacher Ratio	13.3 to 1	12.6 to 1
% of Teachers Licensed	96.3	97.0

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Staffing by Race, 2019-2020

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Teacher by Program Area, 2019-2020

	Worcester	State
General Education	1,823.4	61,554.3
Special Education	0.0	9,831.5
Career Vocational Technical	65.5	1,981.8
English Language Learner	0.0	1,794.5
Totals	1,889.0	75,152.0

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Staffing by Gender, 2019-2020

	Worcester		State	
	Number	Percent	Number	Percent
Males	732.6	19.8%	27,777.7	20.2%
Females	2,962.3	80.2%	109,770.7	80.2%

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: SAT Performance Report, 2019-2020			
	Number of Test Takers	Average Reading Score	Average Math Score
All Students	498	498	496
English Learner	35	391	393
Economically Disadvantaged	223	474	472
Students with Disabilities	17	455	445
High Needs	284	472	469
Female	304	496	482
Male	194	500	518
Asian	69	511	543
African American/Black	162	471	456
Hispanic/Latino	111	473	471
Multi-race, Non-Hispanic/Latino	9	-	-
White	147	537	534

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester Public Schools: Advanced Placement Performance, 2019-2020			
Subject	Tests Taken	% Score 1-2	% Score 3-5
All Subjects	1,872	52.8%	47.2%
Arts	43	20.9%	79.1%
English Language Arts	325	52.9%	47.1%
Foreign Languages	50	8.0%	92.0%
History and Social Science	593	55.5%	44.5%
Math and Computer Science	411	49.1%	50.9%
Science and Technology	419	63.5%	36.5%
Capstone	31	22.6%	77.4%

Source: Massachusetts Department of Elementary & Secondary Education.

Note: Due to the pandemic, Worcester Public Schools went remote in March of 2020.

Worcester: Educational Attainment, 2019

	Number	Percent
Population 25 Years and Over	121,514	
Less than 9th Grade	6,469	5.3%
9th to 12th Grade, No Diploma	12,112	10.0%
High School Graduate, Includes Equivalency	35,552	29.3%
Some College, No Degree	20,580	16.9%
Associate's Degree	10,070	8.3%
Bachelor's Degree	22,527	18.5%
Graduate or Professional Degree	14,204	11.7%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: % Population 25 and Over with Bachelor's Degree or Higher, 2019

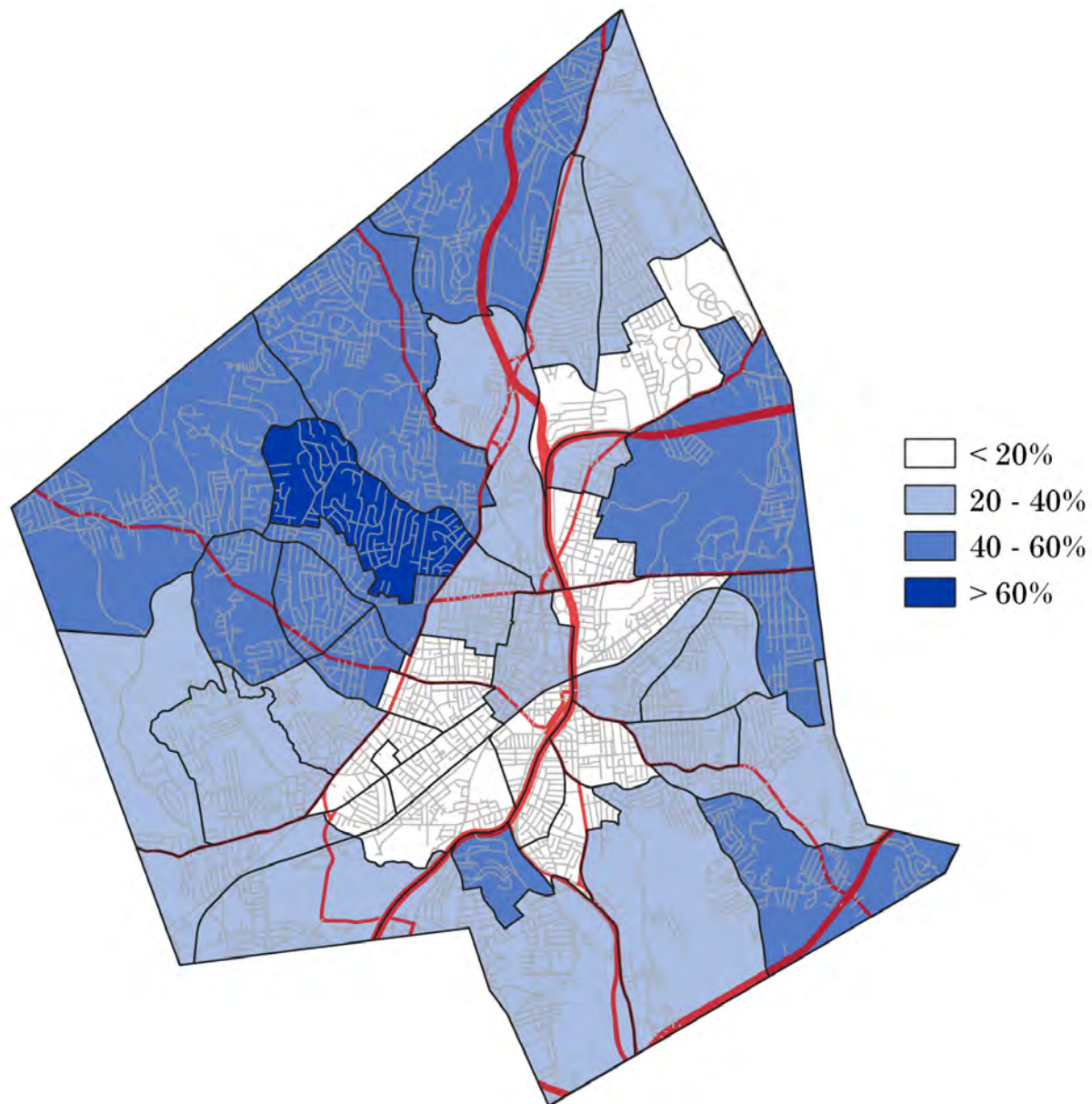
Auburn	40.4%
Boylston	57.5%
Grafton	50.4%
Holden	57.7%
Leicester	28.7%
Millbury	32.5%
Paxton	56.3%
Shrewsbury	58.5%
West Boylston	33.2%
Worcester	30.2%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Colleges & Universities, 2021

Anna Maria College (Paxton)
Assumption University (Worcester)
Clark University (Worcester)
College of the Holy Cross (Worcester)
MCPHS University (Worcester & Boston)
Nichols College (Dudley)
Quinsigamond Community College (Worcester)
Tufts Cummings School of Veterinary Medicine (Grafton)
University of Massachusetts Medical School (Worcester)
Worcester Polytechnic Institute (Worcester)
Worcester State University (Worcester)

Source: Worcester Regional Research Bureau, Inc.

Worcester: Percent of Residents 25 Years of Age and Older with Bachelor's Degree**Educational Attainment**

Source: U.S. Census Bureau, 2019 5-Year American Community Survey



Public Safety

Arrests by the Worcester Police Department, 2020	
Crime	Arrests
Simple Assault	604
Aggravated Assault	408
Drug/Narcotic Violations	251
Disorderly Conduct	119
All Other Offenses	97
Destruction/Damage/Vandalism of Property	89
Trespass of Real Property	89
Burglary/Breaking & Entering	78
Shoplifting	77
Robbery	67
Kidnapping/Abduction	37
Stolen Property Offenses	35
Liquor Law Violations	29
Weapon Law Violations	29
Driving Under the Influence	25
Prostitution	22
Theft From Motor Vehicle	22
Intimidation	18
Theft From Building	12
Murder and Nonnegligent Manslaughter	9
All Other Larceny	8
Curfew/Loitering/Vagrancy Violations	7
Motor Vehicle Theft	7
Arson	6
Fondling	5
Credit Card/Automatic Teller Fraud	4
Pornography/Obscene Material	4
Theft of Motor Vehicle Parts/Accessories	4
Counterfeiting/Forgery	3
Rape	3
False Pretenses/Swindle/Confidence Game	2
Identity Theft	2
Embezzlement	1

Source: Massachusetts Executive Office of Public Safety and Security/Worcester Police Department

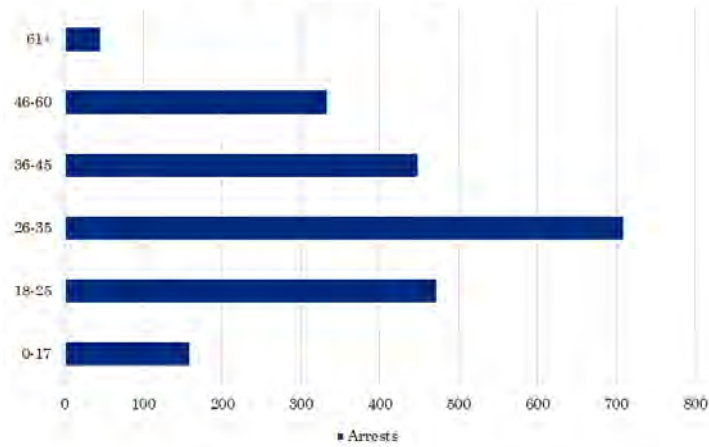
Worcester Crime Statistics									
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Murder	11	8	9	6	8	8	5	4	13
Rape	36	33	22	7	26	63	42	49	40
Robbery	411	419	483	402	407	394	324	290	229
Aggravated Assault	1342	1298	1236	1347	1186	1177	974	928	883
Property Crime	6077	6432	6239	5604	5375	5358	4047	3979	3792
Burglary	2066	2040	1916	1414	1214	1366	866	849	786
Larceny-Theft	3841	3927	3924	3824	3765	3473	2784	2790	2637
Motor Vehicle Theft	530	465	399	366	396	519	397	340	369
Arson	10	6	7	2	3	5	7	9	6

Source: FBI Uniform Crime Reporting

Year	Crimes Cleared	Crimes Not Cleared	Total Crimes	WPD Clearance Rate	Massachusetts Clearance Rate
2010	4,268	10,289	14,557	29.32%	26.41%
2011	3,987	10,546	14,533	27.43%	27.07%
2012	3,953	10,783	14,736	26.83%	27.45%
2013	4,011	10,511	14,522	27.62%	28.41%
2014	3,934	10,191	14,125	27.85%	29.09%
2015	3,350	9,601	12,951	25.87%	28.97%
2016	3,618	9,673	13,291	27.22%	30.25%
2017	3,531	8,026	11,557	30.55%	30.69%
2018	3,145	8,050	11,195	28.09%	31.49%
2019	2,992	7,900	10,892	27.47%	30.13%
2020	2,230	8,719	10,949	20.37%	22.04%

Source: Massachusetts Executive Office of Public Safety and Security/Worcester Police Department

Age of Individual Arrested by the Worcester Police Department (2020)



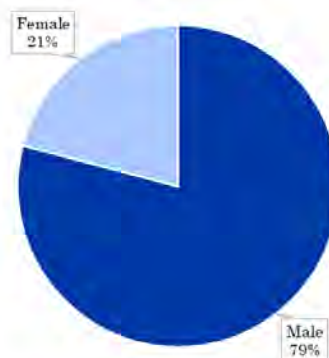
Source: Massachusetts Executive Office of Public Safety and Security/Worcester Police Department

Arrests by the Worcester Police Department (2020)



Source: Massachusetts Executive Office of Public Safety and Security/Worcester Police Department

Sex of Individual Arrested by the Worcester Police Department (2020)



Source: Massachusetts Executive Office of Public Safety and Security/Worcester Police Department

Worcester: Staffing for Police & Fire, FY21 Budget	
FIRE	Number
Fire Chief	1
Deputy Fire Chief	2
District Fire Chief	12
Captain	27
Lieutenant	70
Firefighter	303
Recruits	0
Other	13
TOTAL	428
POLICE	Number
Chief of Police	1
Deputy Police Chief	4
Police Captain	8
Police Lieutenant	24
Police Sergeant	55
Police Officers	359
Recruits	17
Other	58
TOTAL	526

Source: City of Worcester.

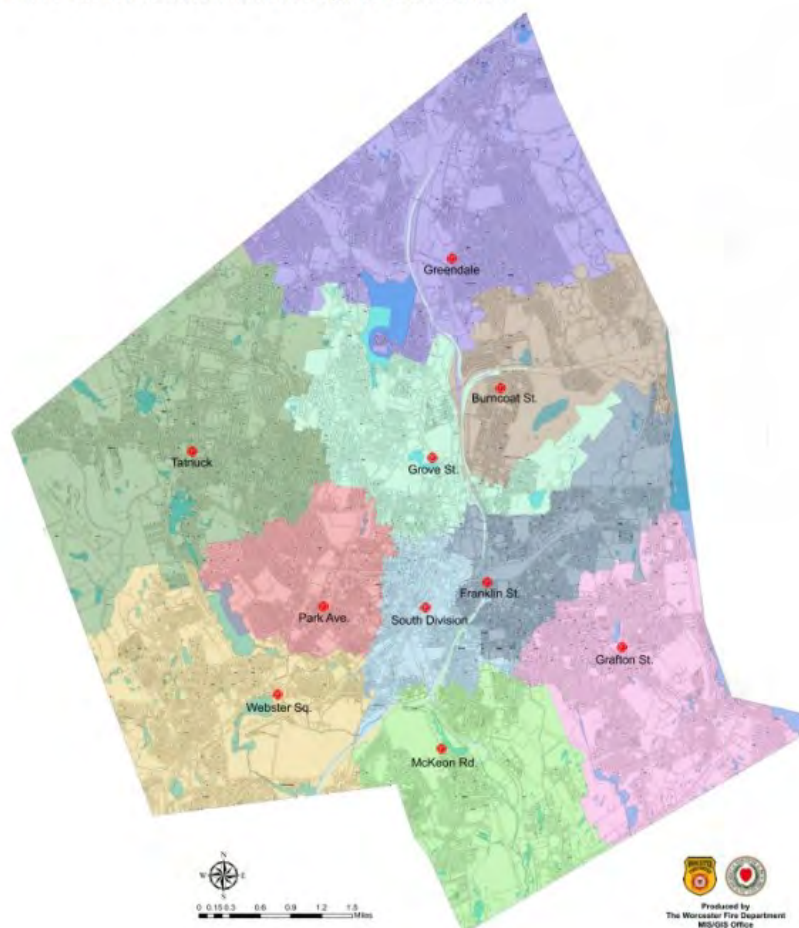
Worcester: Fire Department Activity, 2020	
Total Calls	29,155
<i>Building Fires</i>	117
<i>All Fires Within a Building</i>	851
<i>Emergency Medical Calls</i>	19,748
<i>False Alarms</i>	3,209
Number of Companies	
<i>Engines</i>	13
<i>Ladders</i>	7
<i>Rescue</i>	1
<i>Boats</i>	2
<i>Scuba Truck</i>	1

Source: Worcester Fire Department.

Worcester: Fire Stations, 2021	
Station	Address
Grove Street - Headquarters	141 Grove Street
Southeast Station	745 Grafton Street
South Division	180 Southbridge Street
Burncoat Street	19 Burncoat Street
Park Avenue	424 Park Avenue
Tatnuck Square	1067 Pleasant Street
Webster Square	40 Webster Street
Greendale	438 West Boylston Street
Franklin Street	266 Franklin Street
McKeon Road	80 McKeon Road

Source: Worcester Fire Department.

Chart 12: WFD Station and Firefighter Distribution



Licenses

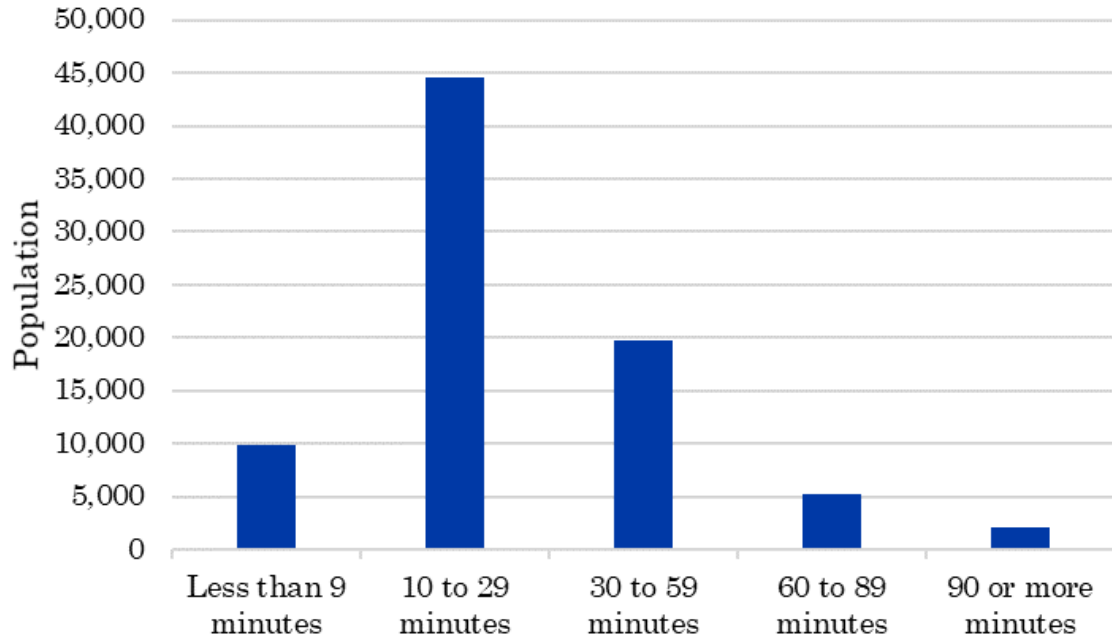
Worcester: Firearm Licenses, September 2021	
Firearm Identification Cards (FIDs)	27
Licenses to Carry (LTCs)	1,410

Source: Worcester Police Department.

Worcester: Municipal Licenses, September 2021	
Second-Hand Motor Vehicle Licenses	253
Second-Hand Article Licenses & Pawn Brokers	39
Hawkers and Peddlers Licenses	13
Solicit and Canvas	0
Ice Cream Vendor Permits	10

Source: Worcester Police Department.

Transportation & Infrastructure

Worcester: Commute Times, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester Work Commute Patterns (Workers 16 Years & Older), 2019				
	Number Worcester Residents	Percent Worcester Residents	Number MA Residents	Percent MA Residents
Car, Truck, or Van - Drove Alone	61,419	71.3%	2,478,165	69.9%
Car, Truck, or Van - Carpooled	8,924	10.4%	264,954	7.5%
Public Transportation (Excluding Taxicab)	2,982	3.5%	368,075	10.4%
Walked	5,887	6.8%	174,438	4.9%
Other Means (Taxicab, Motorcycle, Bicycle, or Other Means)	2,354	2.7%	76,751	2.2%
Worked at Home	4,566	5.3%	182,654	5.2%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester Street Infrastructure, 2020	
Streets (Miles)	
<i>Public Streets</i>	438
<i>Private Streets</i>	80
Sidewalks (Miles)	
<i>Asphalt</i>	306
<i>Concrete</i>	182
Street Lights	13,783
Parking Meters -- On-Street	Approximately 1,200
Electric Car Charging Plugs	73

Source: City of Worcester, City Council Manual, 2020; ChargeHub

Worcester Municipal Parking Garages Capacity, 2020	
Pearl Elm	819
Federal Plaza	511
Major Taylor Boulevard	983
Union Station	500
Worcester Common	500

Source: City of Worcester Comprehensive Annual Financial Report, June 30, 2020

Worcester: Taxi and Livery Service, January 2020	
Taxi Medallions	110
Taxi Drivers	229
Registered Livery Vehicles	96
Livery Drivers	247

Source: Worcester Police Department.

Worcester Trash and Recycling, 2020	
Trash Disposal Tonnage	25,321
Single Stream Recyclables Tonnage	11,216
Yard Waste Tonnage	5,323

Source: Massachusetts Department of Environmental Protection

Worcester Water and Sewer Infrastructure, 2020	
Miles of Water Main Pipe	592
Reservoirs	9
Fire Hydrants	
<i>Public</i>	5,365
<i>Private</i>	495
Total Miles of Sewer Pipes	834
<i>Sanitary Sewers</i>	400
<i>Surface Sewers</i>	374
<i>Combined Sewers</i>	61
Number of Manholes	28,293
Number of Catch Basins	15,184

Source: City of Worcester, City Council Manual 2020

Worcester Regional Transit Authority, 2020	
Service Area	14,111,090
Number of Towns Served	37
Population Served	547,192
Key Data	
Annual Passenger Miles	10,706,698
Annual Unlinked Passenger Trips	2,563,542
Average Weekday Unlinked Passenger Trips	9,157
Average Saturday Unlinked Passenger Trips	3,686
Average Sunday Unlinked Passenger Trips	1,340
Annual Vehicle Revenue Miles	2,631,276
Annual Vehicle Revenue Hours	207,284
Vehicles Operated	100
Vehicles Available	146
Number of Electrics	6
Number of Clean Diesel Buses	29
Number of Hybrid Diesel-Electric Buses	17

The Worcester Regional Transit Authority (WRTA) was established in September 1974 to contract for the operation of mass transportation facilities and services in the Worcester region. It is the second largest regional transit authority in Massachusetts, serving 37 communities. While the WRTA owns the facilities and rolling stock, the organization contracts with Central Mass Transit Management, Inc., and Paratransit Brokerage Services, Transit Management Inc. for the provision of services.

Source: Central Massachusetts Regional Planning Commission.

Worcester Regional Airport, ORH, 2020	
Aircraft Operations - Number of Flights	
Transient General Aviation	8,388
Local General Aviation	5,721
Air Taxi	1,225
Commercial	1,261
Military	651
Number of Commercial Passengers	42,611
Aircraft Based at Field	
Single Engine Planes	54
Multi-Engine Planes	5

Source: Worcester Regional Airport

Note: Due to the pandemic, flights were limited throughout 2020 and suspended in October 2020.

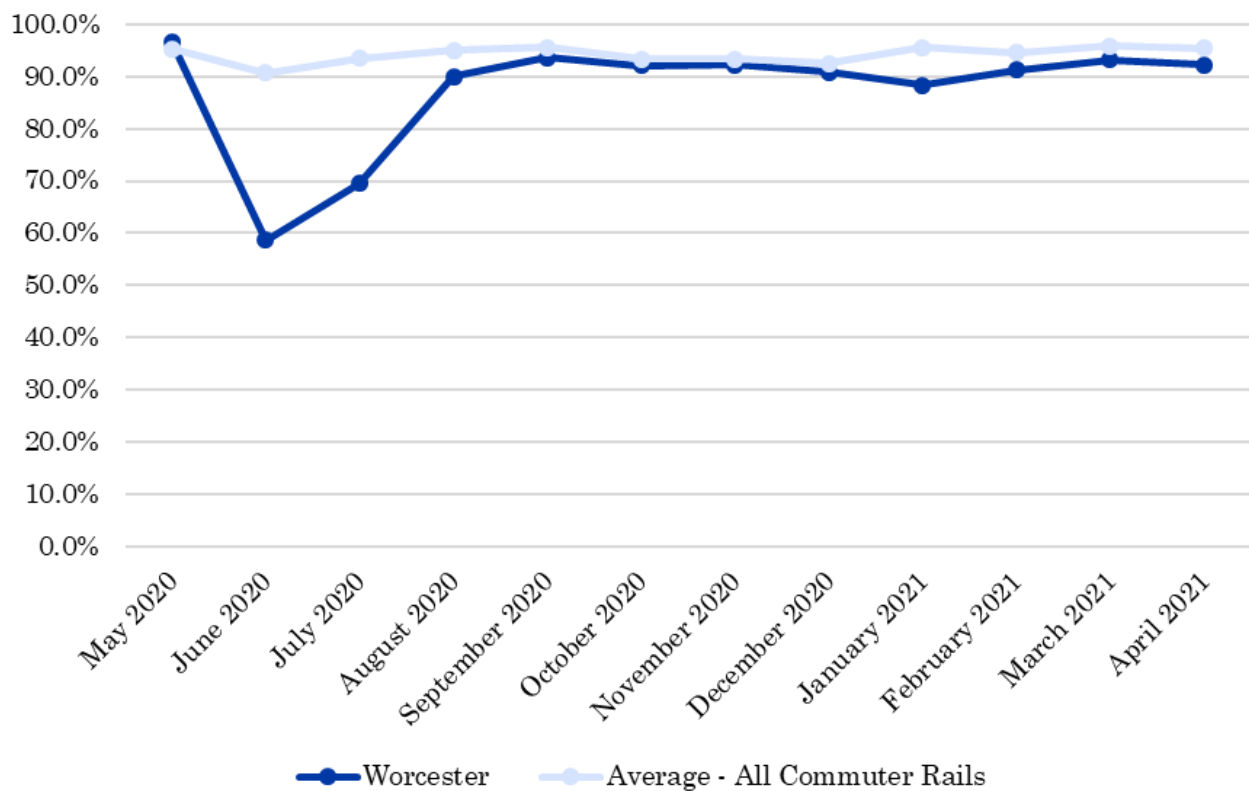
MBTA Framingham/Worcester Commuter Rail, 2021

Estimated Daily Ridership, Weekdays June 1-4	2980
Estimated Percent of Ridership Counts in 2018	16%

Source: Massachusetts Bay Transportation Authority.

Central Transportation Planning Staff collects data on MBTA ridership. It is estimated that ridership from June 1-4, 2021 represents approximately 16% of ridership from 2018 (pre-COVID-19).

The Framingham/Worcester Commuter Rail line was the third highest of the twelve commuter rail lines.

MBTA Commuter Rail: On Time Performance With-in 5 Minutes, 2020-2021

Source: Massachusetts Bay Transportation Authority.

Arts, Culture, & Sports

Worcester Cultural Coalition Members, by sector 2021

Art Service Organizations		Education & Libraries	
American for the Arts		American Antiquarian Society	
Art in the Park, Worcester		Assumption University - Human Arts	
ArtReach		Creative Hub Worcester Inc.	
ArtsWorcester		Crocodile River Music	
Calliope Productions, Inc.		Guardians of Traditions	
CENTRO Inc.		Higgins School of Humanities at Clark University	
Creative Hub Worcester Inc.		Pakachoag Music School of Greater Worcester	
Crocodile River Music		Preservation Worcester	
Guardians of Traditions		Southeast Asian Coalition of Central Massachusetts	
Hellenic Arts Society		Technocopia	
Main Idea		The Hanover Theatre and Conservatory for the Performing Arts	
Mass Cultural Council		Worcester Music Academy	
MASSCreative		Worcester Polytechnic Institute	
Master Singers of Worcester		Worcester Public Library	
New England Foundation for the Arts		Worcester State University Visual and Performing Arts	
New England Jazz Enrichment Foundation			
No Evil Project		Media	
Pakachoag Music School of Greater Worcester		90.5 WICN	
qFLIX USA, Inc.		AVATAR Computing, Inc.	
Ritmos Dance Studio Inc.		MassDiGI at Becker College	
Southeast Asian Coalition of Central Massachusetts		qFLIX USA, Inc.	
stART on the Street		Shawna E. Shea Memorial Foundation Inc.	
Technocopia		Technocopia	
The Hanover Theatre and Conservatory for the Performing Arts		WCCA TV "The People's Channel"	
ValleyCAST		WCUW	
Worcester Arts Council			
Worcester Caribbean American Carnival Association		History & Heritage	
Worcester Center for Crafts		American Antiquarian Society	
Worcester Hip Hop Congress		Guardians of Traditions	
Worcester Youth Orchestras, Inc.		Hellenic Arts Society	
		Mechanics Hall	
Literature & Poetry		Old Sturbridge Village	
American Antiquarian Society		Preservation Worcester	
Hellenic Arts Society		Ritmos Dance Studio Inc.	
Southeast Asian Coalition of Central Massachusetts		Saint Spyridon Greek Orthodox Cathedral	
Technocopia		Southeast Asian Coalition of Central Massachusetts	
Worcester County Poetry Association		ValleyCAST	
		Worcester Historical Museum	
Performing Arts		Worcester Women's History Project	
4th Wall Stage Company			
All Saints Music Series		Museums & Galleries	
Apple Tree Arts		ArtsWorcester	
Arts on the Green		Iris and B. Gerald Cantor Art Gallery, College of the Holy Cross	
Arts Transcending Borders at The College of the Holy Cross		Museum of Russian Icons	
Assabet Valley Mastersingers		Old Sturbridge Village	
Assumption University - Human Arts		Southeast Asian Coalition of Central Massachusetts	
Calliope Productions, Inc.		Sprinkler Factory	
Central Massachusetts Jewish Theatre Company		ValleyCAST	
Clark Arts		Worcester Art Museum	
Crocodile River Music		Worcester Historical Museum	
Guardians of Traditions		Worcester State University Visual and Performing Arts	
Hellenic Arts Society			
Joy of Music		Science and Nature	
Massachusetts Symphony Orchestra		ArtReach	
Master Singers of Worcester		EcoTarium	
Mechanics Hall		Mass Audubon Broad Meadow Brook Conservation Center & Wildlife Sanctuary	
Music Worcester, Inc.		Mass Audubon Wachusett Meadow Wildlife Sanctuary	
New England Jazz Enrichment Foundation		Regional Environmental Council (REC)	
New England Symphony Orchestra		Technocopia	
Pakachoag Music School of Greater Worcester		Tower Hill Botanic Garden	
Ritmos Dance Studio Inc.		ValleyCAST	
Salisbury Singers, Inc.			
Southeast Asian Coalition of Central Massachusetts			
Studio Theatre Worcester			
The Hanover Theatre and Conservatory for the Performing Arts			
ValleyCAST			
VOX New England			
WCCA TV "The People's Channel"			
WCLOC Theater Company			
Worcester Chamber Music Society			
Worcester Children's Chorus			
Worcester Music Academy			
Worcester State University Visual and Performing Arts			
Worcester Regional Research Bureau			

Worcester Cultural Coalition — The Worcester Cultural Coalition is a public-private partnership established in 1999 between the City of Worcester and 12 cultural organizations. Its mission is to draw on Worcester's rich and diverse cultural assets to foster economic revitalization, support active, creative engagement for all and promote a strong cultural identity for Greater Worcester.

Source for this page: Worcester Cultural Coalition.

In 2018, the City of Worcester, Worcester Cultural Coalition, and the Greater Worcester Community Foundation partnered to craft a 10-year cultural plan for the City of Worcester. Published in 2019, *Becoming Worcester: The Evolution of a Creative City*, outlines 20 priorities for the next decade.

Worcester Cultural Plan

1. Shape and tell the “Worcester Story” through a cohesive image and brand that reflects and highlights the City’s many strengths
2. Install branding and wayfinding that welcomes people to Worcester at key entrances to the City and to distinctive neighborhoods
3. Promote neighborhoods based on their unique assets—like cultural spaces, history, college campuses, events, parks, architecture, food, restaurants, and shopping
4. Identify existing neighborhood nodes that are gathering places for our wide range of geographically and ethnically based communities
5. Work with City agencies and civic groups to enhance connections and communications with our colleges & universities, the airport, hotels, and the cultural sector
6. Expand implementation of the complete streets policy, and continue streetscape updating throughout the City, prioritizing areas adjacent to schools and public gathering places
7. Work collaboratively to deliver improvements to the City’s public transportation system to help people efficiently get to all areas of the City
8. Engage with business and property owners to activate empty storefronts as creative spaces and provide opportunities for collaboration between artists, residents, businesses, and community organizations
9. Engage “9-to-5ers” downtown by encouraging business as well as civic and cultural groups to offer incentives to participate in activities and organizations after work
10. Expand municipal Public Art program to include a “Percent for Art” requirement for state and municipal capital construction projects
11. Improve City regulations to make public spaces more user-friendly for organized events, and encourage an expanded mix and range of public space programming
12. Incorporate universal design standards in exhibition, performance, and event planning
13. Advocate for affordable housing across the City, and support development of a “creative village” with artist live-work spaces
14. Actively promote the value and importance of diversity that is fully representative of the City on municipal and community-wide boards, committees, and other decision-making bodies
15. Actively promote the value and importance of diversity that is fully representative of the community on local non-profit boards, community coalitions, and other communal organizations
16. Partner with the college and university admissions offices to promote Worcester as a desirable destination for prospective students
17. Strengthen partnerships to establish clear guidelines and create more pathways for artists and cultural organizations to enrich the lives of students and their families both during an after school
18. Provide development services and investment funds for new creative enterprises
19. Design and launch an artist-in-residence program in such environments as municipal government, business, and neighborhoods to incorporate creative design on the front-end of projects
20. Advocate for an allocation in the City budget to support public art, artist residencies and special events which support creative placemaking

Source: Worcester Cultural Coalition, Becoming Worcester

Worcester: Bravehearts Baseball, 2020				
Attendance		Record		
<i>Total</i>	<i>Average</i>	<i>Wins</i>	<i>Losses</i>	<i>Percentage</i>
NA	NA	30	26	0.536
Season start delayed until July 2 due to COVID-19 pandemic. Attendance information was not collected due to the COVID-19 pandemic.				
The Bravehearts lost to the Nashua Silver Knights in the FCBL League Championship.				

Sources: Futures Collegiate Baseball League of New England (FCBL).

Worcester: Railers Hockey, 2020				
Record				
<i>Wins</i>	<i>Losses</i>	<i>Overtime Losses</i>	<i>Shootout Losses</i>	<i>Percentage</i>
0	0	0	0	0
Attendance				
NA				
Notes				
The 2020 season was suspended due to the COVID-19 pandemic.				

Sources: East Coast Hockey League (ECHL).

Greater Worcester: Other Notable Sport Achievements and Milestones, 2020

Worcester Red Sox

The City of Worcester, the Boston Red Sox Triple-A affiliate, and the Commonwealth of Massachusetts announced that the Pawtucket Red Sox will relocate to Worcester in 2021 to a new publicly owned baseball stadium known as Polar Park. Construction on the park was halted on April 1, 2020 due to the COVID-19 pandemic. After 7 weeks, construction resumed and was ready for Opening Day on May 11, 2021.

Construction of Polar Park was originally estimated to cost approximately \$101 million however, increased costs made for the final construction cost approximately \$159 million. The City of Worcester is responsible for \$88 million (55%) of the stadium build, the Worcester Red Sox is responsible for \$61 million (38%), and the state and federal government is responsible for the remainder, \$10 million (7%).

Massachusetts Pirates

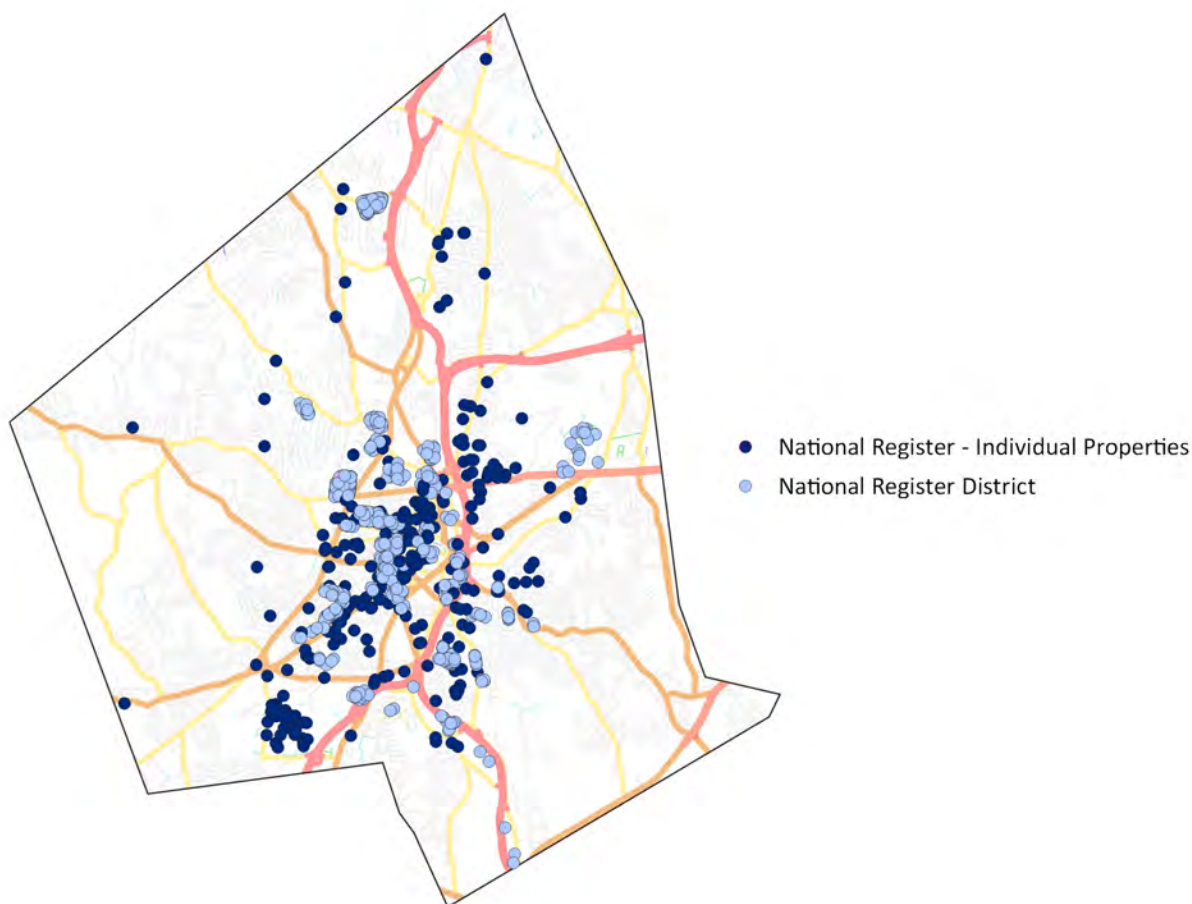
In 2018, the Pirates brought arena football back to the city. Due to the COVID-19 pandemic, the 2020 season was canceled. On August 19, 2020 the Pirates moved to the Indoor Football League and signed a three year extension to remain in Worcester at the DCU Center. The 2021 season began on April 24, 2021.

Source for information on this page: Worcester Red Sox, Massachusetts Pirates, Boston Globe.

Historic Places

The National Historic Preservation Act of 1966 established the National Park Service's National Register of Historic Places, a list of the nation's historic sites to facilitate public and private efforts to identify, evaluate, and protect historic and archeological buildings and properties. According to the National Park Service, listing on the National Register of Historic Places imposes no restrictions on what a non-federal owner may do with the property up to and including destruction, unless the property is involved in a project that receives federal assistance through funding or licensing/permitting.

Worcester: Properties on the National Register of Historic Places, 2018

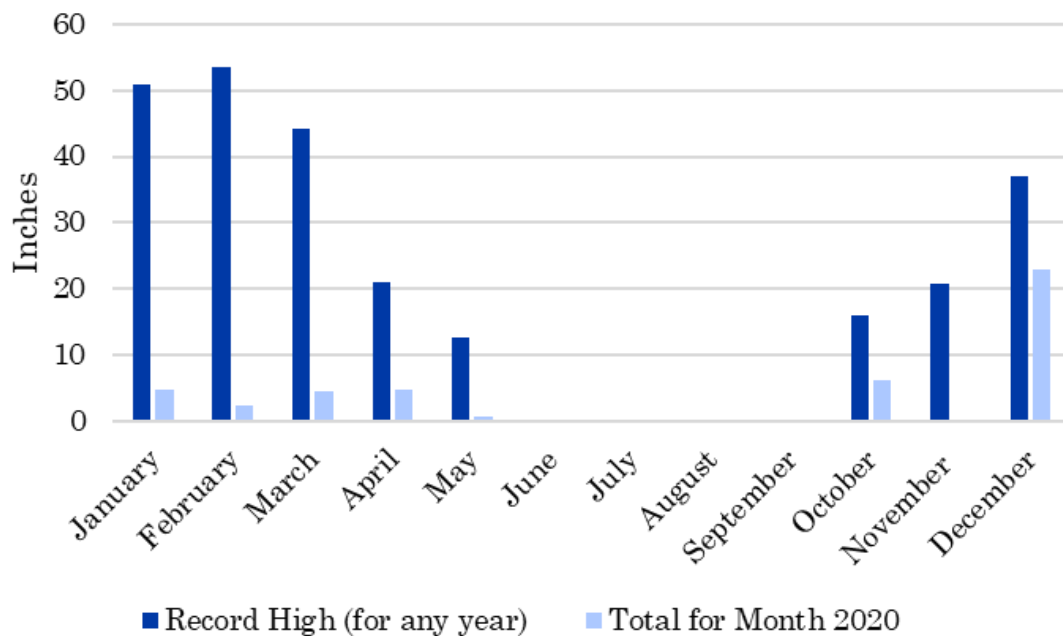


Source: Massachusetts Cultural Resource Information System.



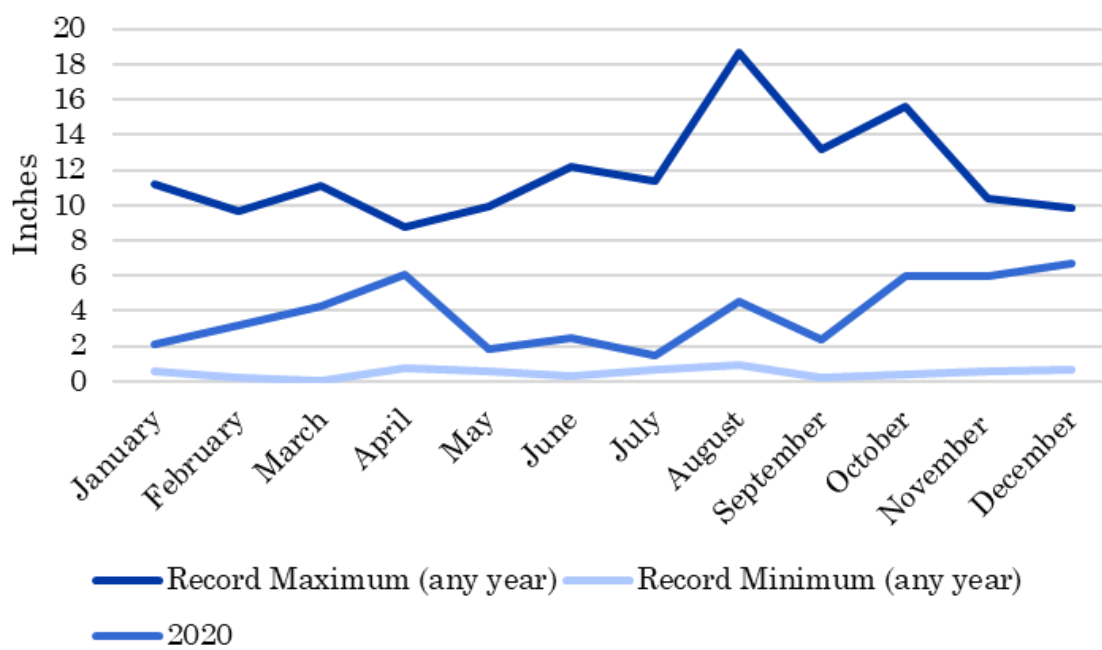
Weather, Geography, & Environment

Worcester: Snowfall & Record High by Month, 2020



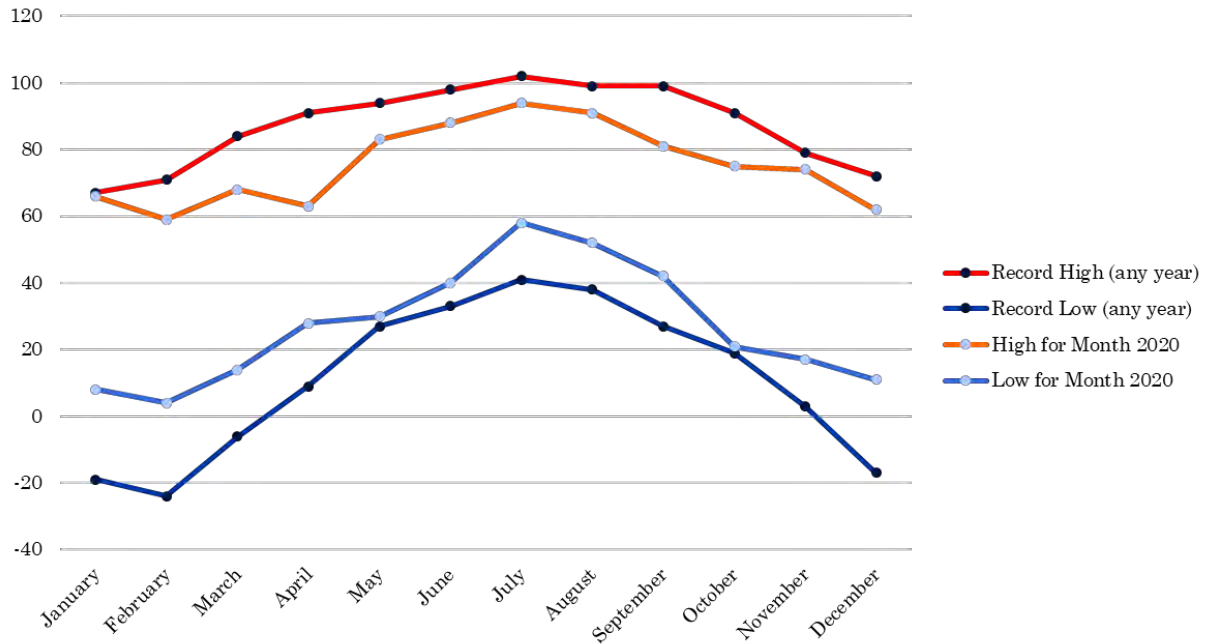
Source: National Weather Service, National Oceanic & Atmospheric Administration.

Worcester: Precipitation by Month, 2020



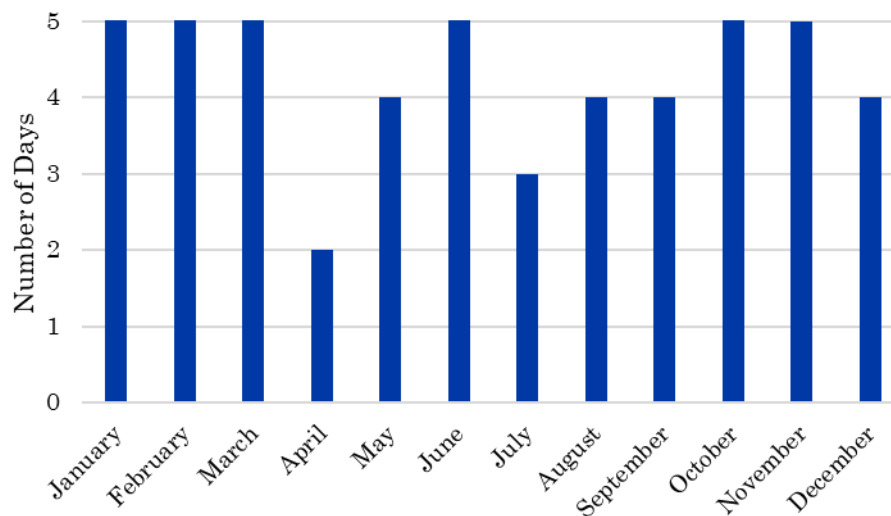
Source: National Weather Service, National Oceanic & Atmospheric Administration.

Worcester: Average High and Low Temperatures Compared to Record, 2020



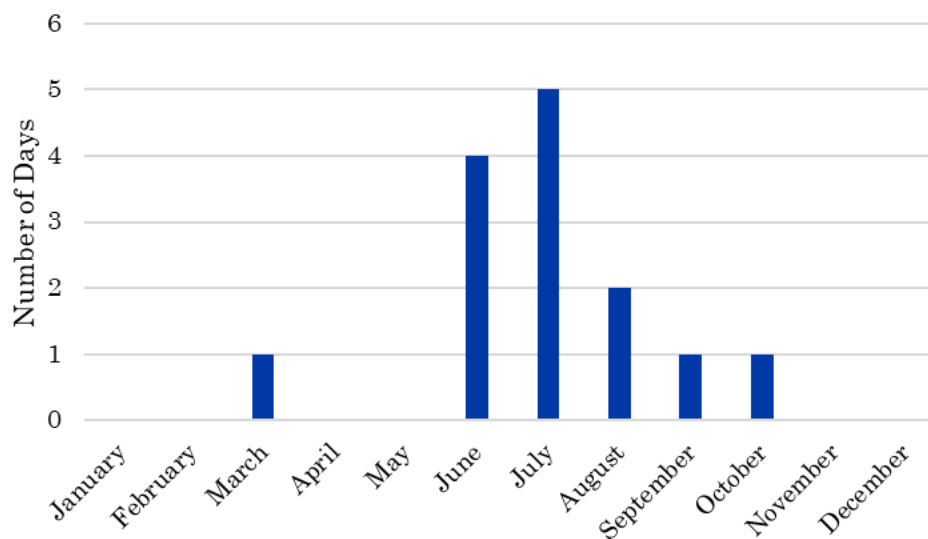
Source: National Weather Service, National Oceanic & Atmospheric Administration.

Worcester: Heavy Fog, 2020



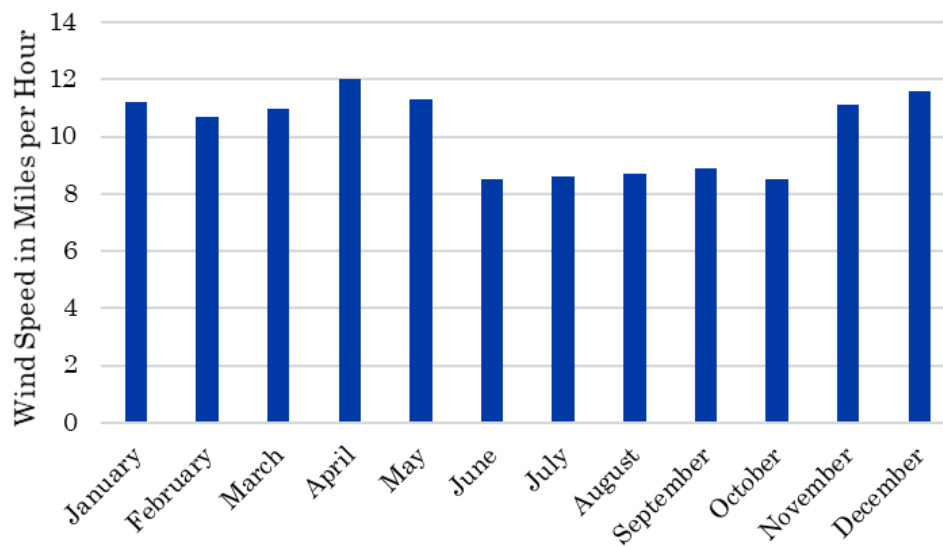
Source: National Oceanic & Atmospheric Administration.

Worcester: Number of Days with Thunder, 2020



Source: National Oceanic & Atmospheric Administration.

Worcester: Average Wind Speed Per Month, 2020



Source: National Oceanic & Atmospheric Administration.

Worcester is located at the headwaters of the Blackstone River and is part of the Blackstone River Watershed. The watershed includes a 640 square mile basin, receiving water from 29 towns in Central Massachusetts and Rhode Island.

Worcester: Lakes, Rivers, Ponds, Brooks, and Waterfalls	
Lakes	
	Indian Lake
	Lake Quinsigamond
Rivers	
	Blackstone River
	Middle River
	Quinsigamond River
Ponds	
	Bell Pond
	Burncoat Park Pond
	Cider Mill Pond
	Coes Pond
	Cook Pond (Thayer's Reservoir)
	Curtis Pond
	Flint Pond
	Green Hill Pond
	Jamesville Pond
	Leesville Pond
	Meres Ponds at Elm Park
	Patch Pond
	Salisbury Pond
	Smith Pond
Streams and Brooks	
	Beaver Brook
	Broad Meadow Brook
	Coal Mine Brook
	Kettle Brook
	Mill Brook
	Poor Farm Brook
	Tatnuck Brook
	Weasel Brook
Waterfalls	
	The Cascade

Source: City of Worcester Open Space and Recreation Plan, 2020.

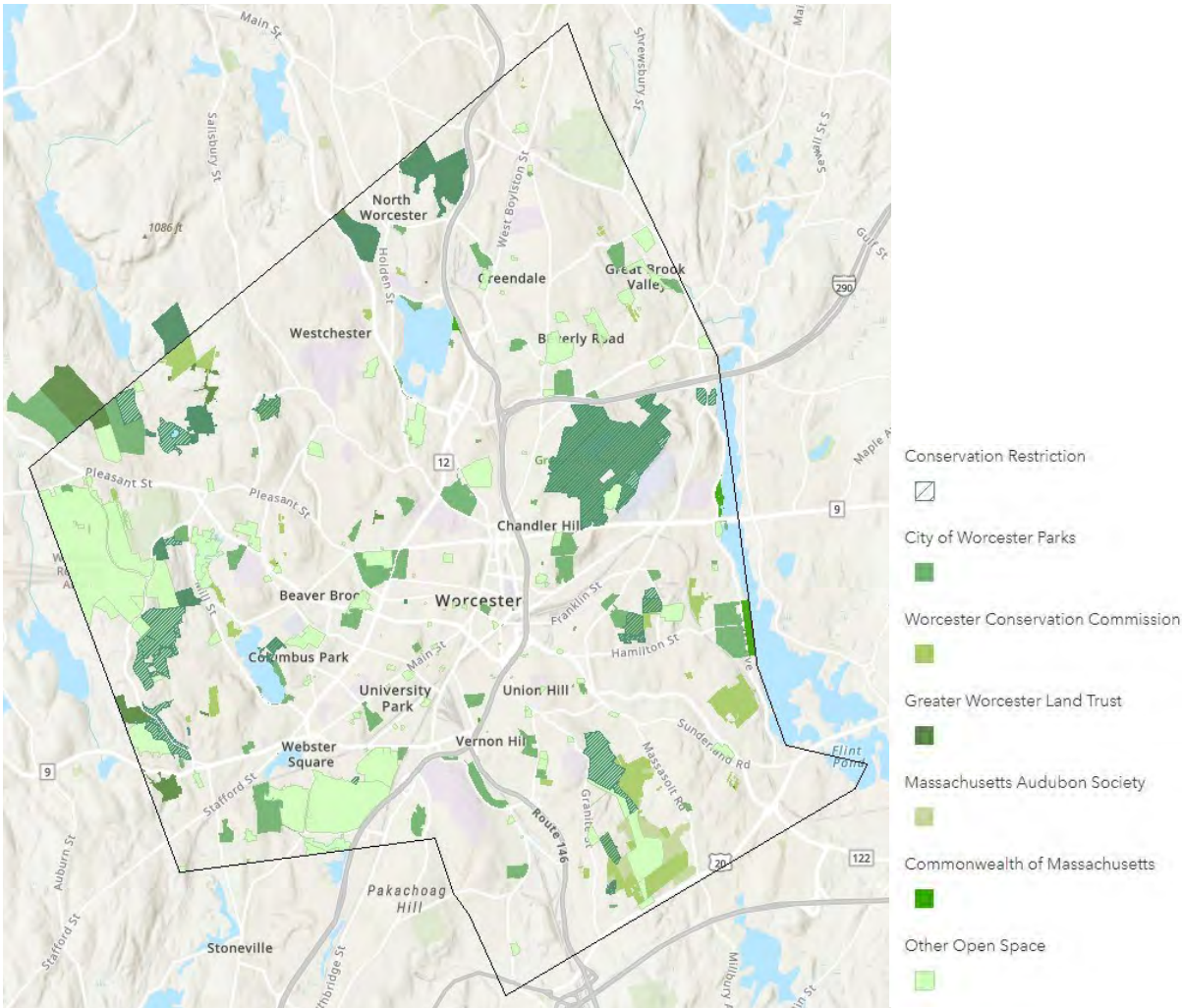
The City of Worcester released a draft of its Open Space and Recreation Plan 2020-2027. It is available here: <http://www.worcesterma.gov/parks/document-center>.

Worcester's Hills
Airport Hill
Bancroft Hill (Bell Hill)
Grafton Hill
Green Hill
Pakachoag Hill
Vernon Hill
Indian Hill
Newton Hill
Poet's Hill
Wigwam Hill
Union Hill
Prospect Hill

Worcester is famous for its hills, and by popular myth, the city is said to have seven hills like Ancient Rome. In reality, Worcester has 12 named hills.

Source: City of Worcester Open Space and Recreation Plan, 2013

Worcester: Open Space & Parks

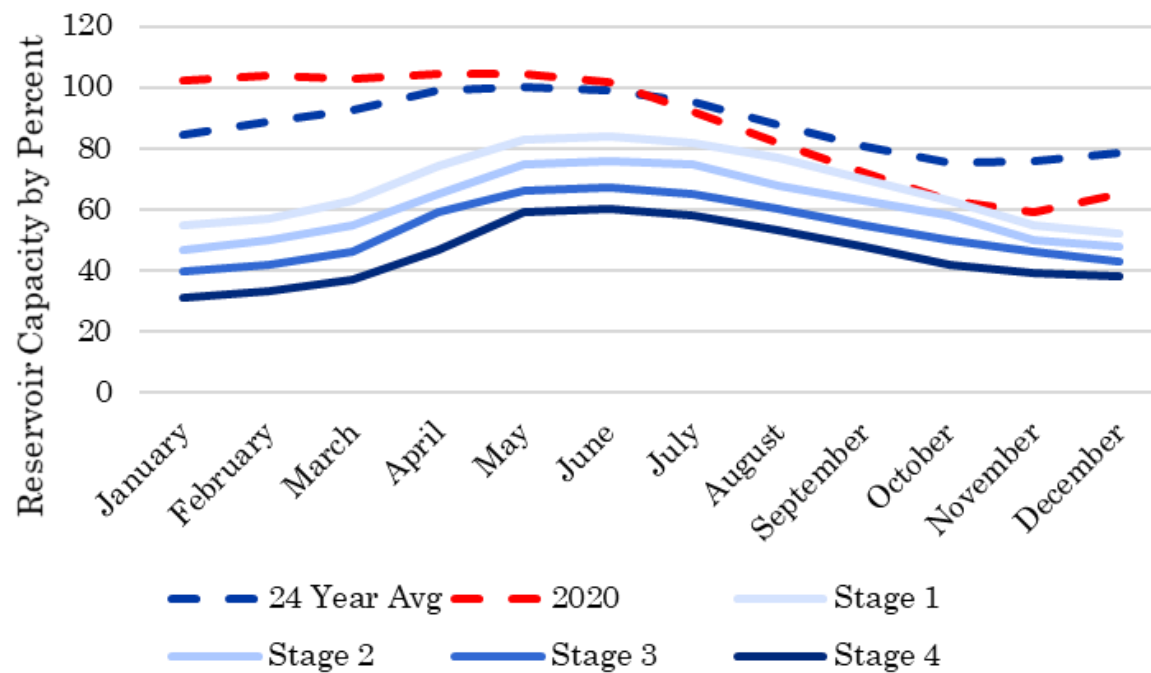


Source: City of Worcester, GIS

Worcester: Reservoirs - Surface Water & Capacity		
<i>High Service</i>		
	Surface Water (acres)	Capacity (gallons)
Lynde Brook	131.8	717,422,000
Kettle Brook, No. 1	11.5	19,307,000
Kettle Brook, No. 2	30.8	127,310,000
Kettle Brook, No. 3	37.4	152,306,000
Kettle Brook, No. 4	118.6	513,746,000
<i>Low Service</i>		
Holden, No. 1	129.8	720,319,000
Holden, No. 2	52.6	257,398,000
Kendall	175	792,163,000
Pine Hill	345.3	2,970,966,000
Quinapoxet	280	1,100,000,000

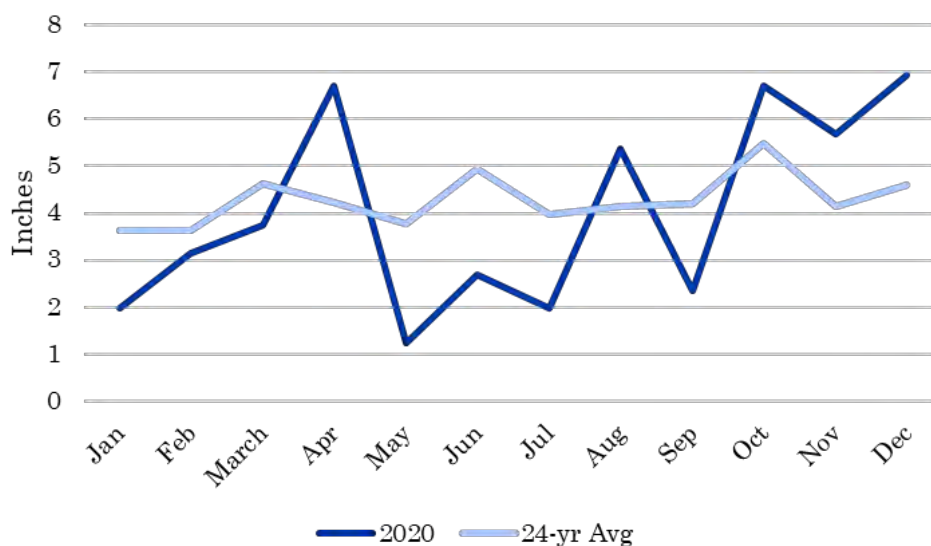
Source: City of Worcester, Department of Public Works and Parks.

Worcester: Reservoir Capacity versus Drought Stages, 2020



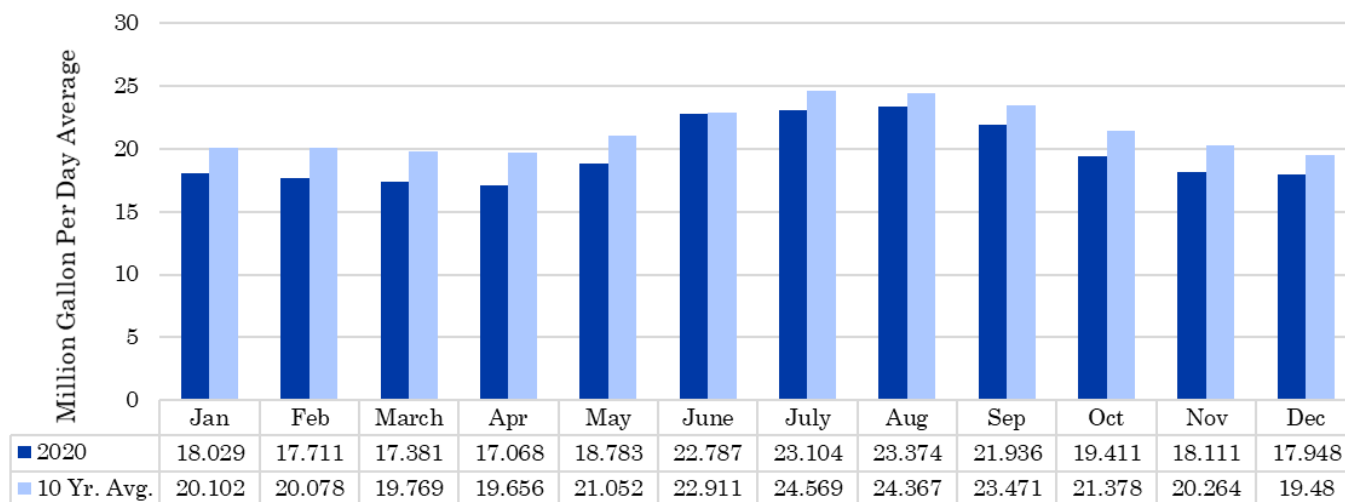
Source: City of Worcester, Department of Public Works and Parks.

Worcester: Monthly Average Rainfall versus 24 Year Average, 2020



Source: City of Worcester Department of Public Works and Parks.

Worcester: Monthly Average Water Consumption versus 10 Year Average, 2020



Source: City of Worcester Department of Public Works and Parks.

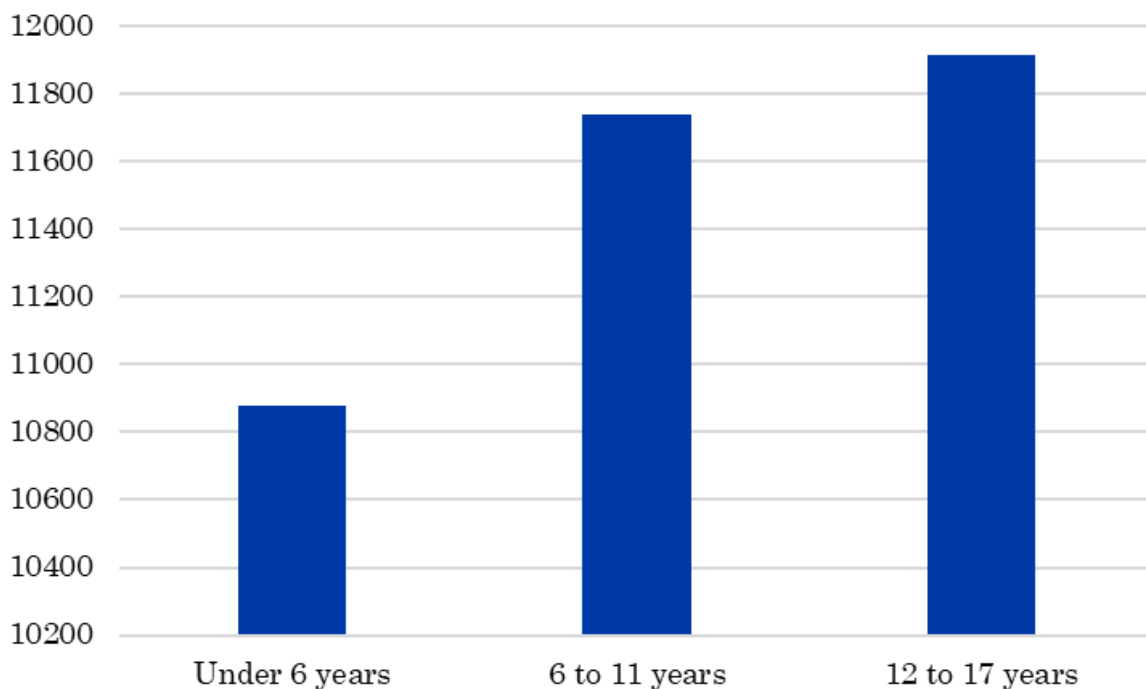


Appendix I

A Focus on Children

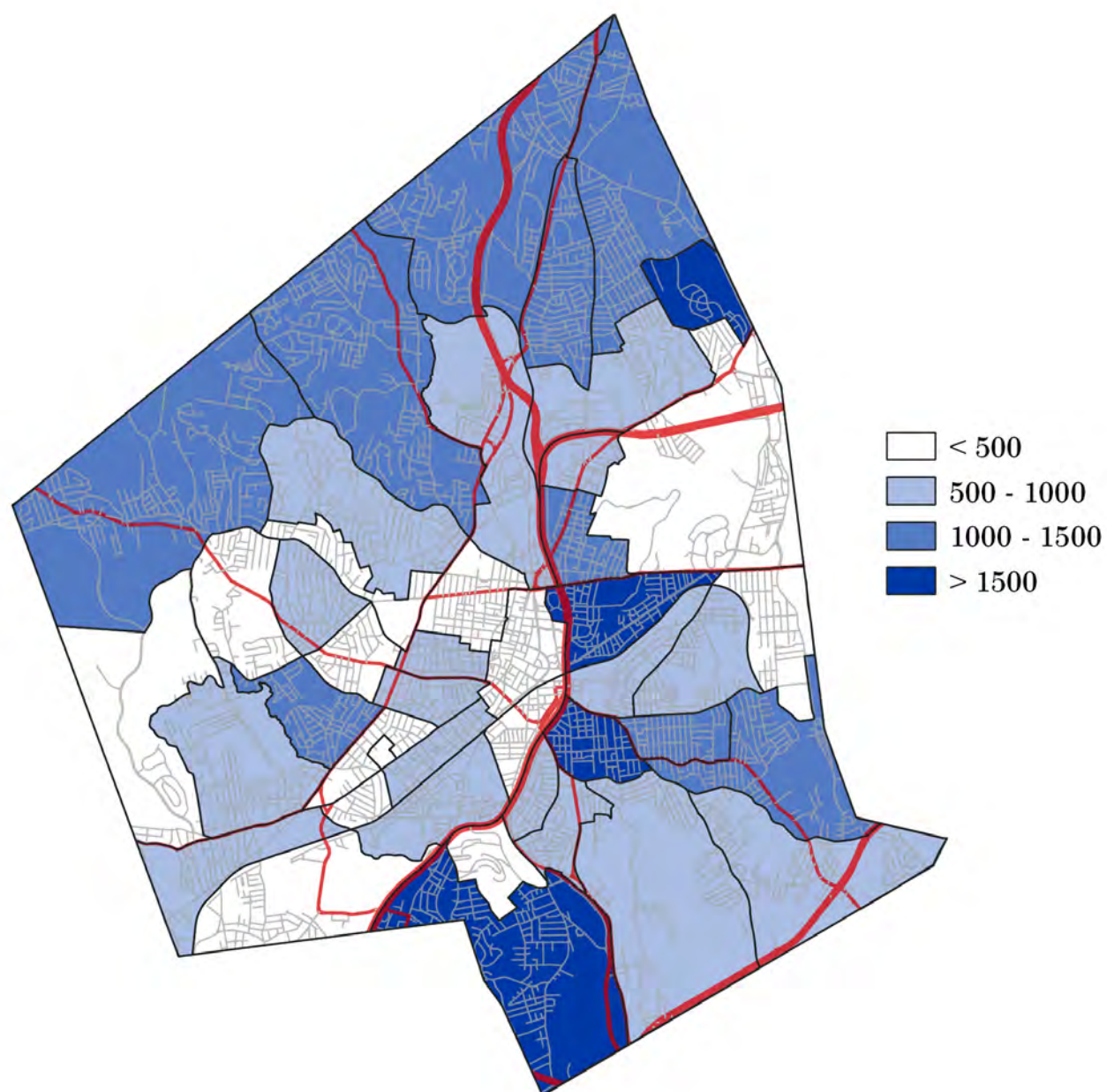
A Focus on Children is an addition to *The Worcester Almanac* derived from conversations with youth-serving organizations as well as the Greater Worcester Community Foundation. The goal of this section is to highlight those factors affecting young people, so that policymakers and practitioners can address the challenges impacting our future civic leaders. This section will grow and change over time as new issues and opportunities are identified and new connections are made between data and public policy.

Worcester: Children by Age, 2019

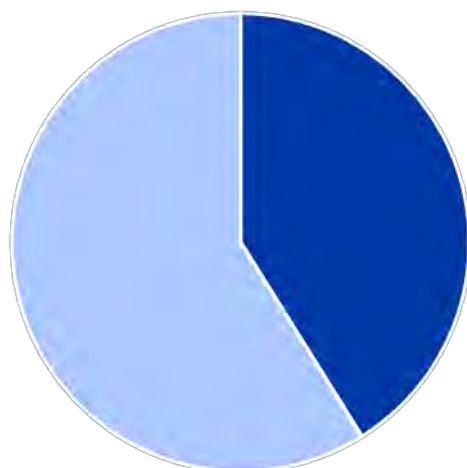


Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Children under 18 Years of Age by Census Tract, 2019



Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

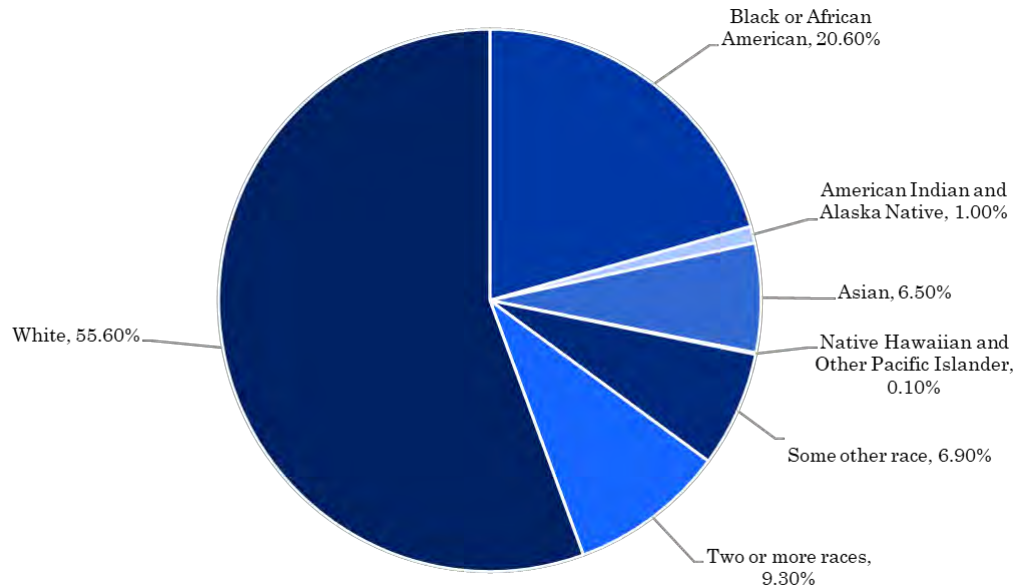
Worcester: Children under 18 Years of Age—Housing, 2019

■ In Owner-Occupied Units ■ In Renter-Occupied Units

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

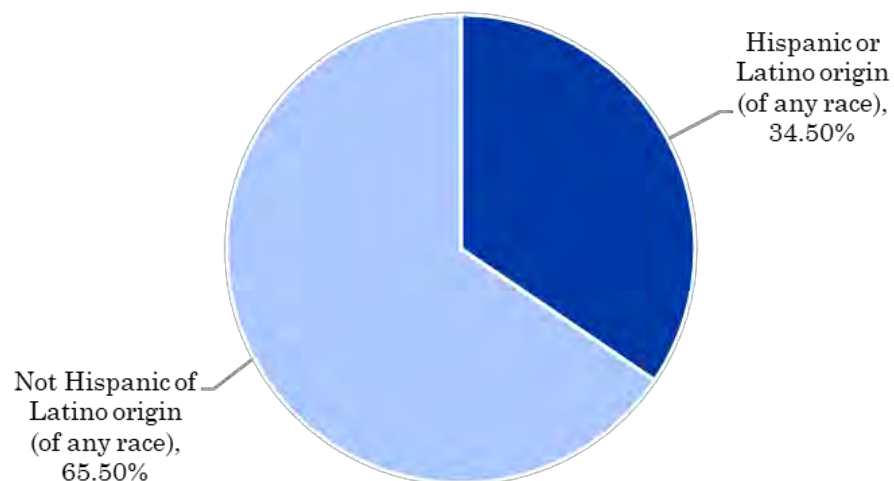
Annual City of Worcester Point-In-Time, January 29, 2020					
	Sheltered			Unsheltered	Total
	Emergency Shelter	Transitional Housing	Safe Haven		
Number Homeless Under Age 18	395	74	0	3	472

Source: Central Massachusetts Housing Alliance.

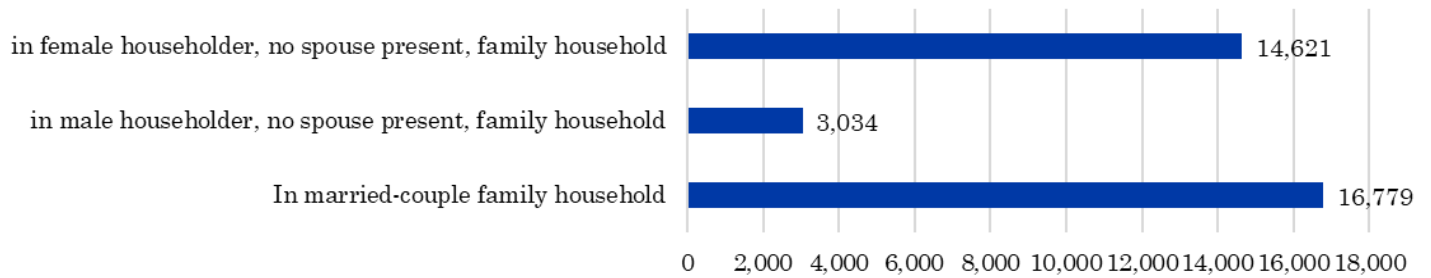
Worcester: Children Under 18 by Race, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

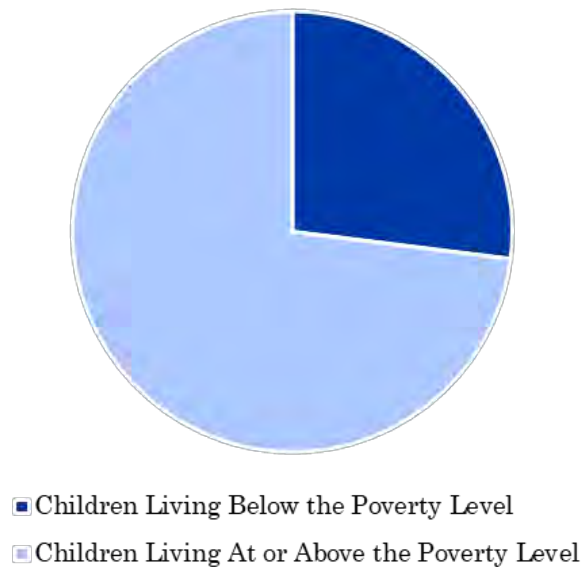
The U.S. Census Bureau tallies five categories of race: “American Indian or Alaska Native,” “Asian,” “Black or African American,” “Native Hawaiian or Other Pacific Islander,” and “White.” Hispanic origin is defined as ethnicity, rather than race, and persons defined as Hispanic or Latino can be of any race.

Worcester: Hispanic or Latino Origin for Children Under 18, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Children Under 18, Family Situation, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Poverty Status for Children under 18, 2019

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

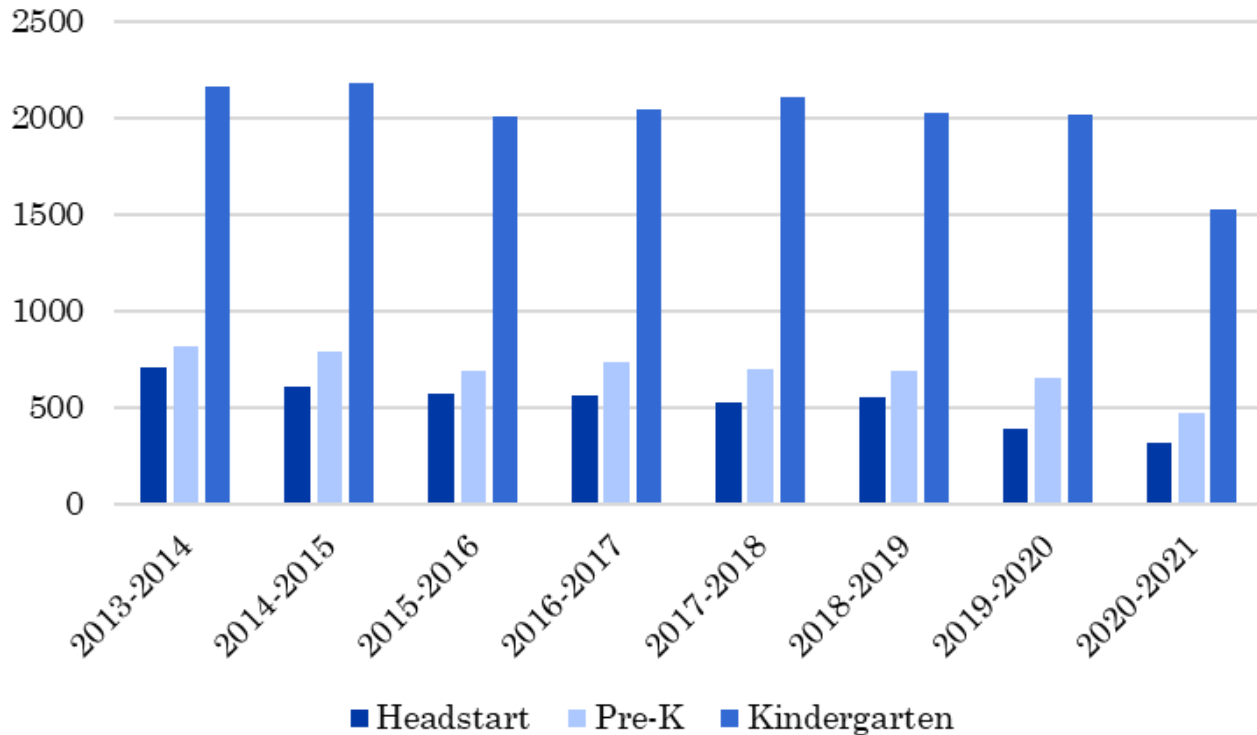
Mobility refers to students transferring in or out of public schools during the school year for reasons other than grade promotion. A large number of students moving in and out of a school can be very disruptive to the fulfillment of academic goals for the individual student and for all students as teachers work to make sure everyone is in the same place in the curriculum. To measure mobility, the Massachusetts Department of Elementary and Secondary Education uses these three measurements:

- Intake (Transfer-in) Rate: Number of students who enroll in district after start of school year
- Churn Rate: Number of students transferring in or out during school year
- Stability Rate: Number of students who stay in the district throughout the school year.

Worcester: Mobility Rates, 2020					
	Churn/ Intake Enroll	Percent Churn	Percent Intake	Stability Enroll	Percent Stability
All Students	26611	12.9	6.8	25,474	92.8
Economically Disadvantaged	17685	15.0	7.8	16,841	91.6
High Needs	21970	14.5	7.7	20,913	91.9
LEP English Language Learner	879	19.4	11.8	8,130	89.7
Students with Disabilities	5576	15.3	7.2	5,328	91.3
<i>Mobility by Race</i>					
African American/Black	4578	15.0	8.4	4,329	91.8
American Indian or Alaskan Native	51	23.5	17.6	47	83.0
Asian	1679	8.5	5.1	1,632	95.2
Hispanic or Latino	11510	14.7	7.4	10,988	91.8
Multi-race, non-Hispanic or Latino	1112	11.6	6.0	1,075	93.2
Native Hawaiian or Pacific Islander*	7	28.6	-	7	71.4
White	7674	10.1	5.5	7,396	94.2

*Data for populations less than 6 not reported.

Source: Massachusetts Department of Elementary and Secondary Education.

Worcester: Participation in Early Childhood Education, 2013-2020

Source: Massachusetts Department of Elementary and Secondary Education.

Under the Head Start Act, children from birth to age five from families with incomes below the poverty line are eligible for Head Start and Early Head Start services. Children from homeless families, and families receiving public assistance such as Temporary Assistance for Needy Families (TANF) or Supplemental Security Income (SSI) are also eligible.

Worcester: School Enrollment, 2019	
Total Children 3 to 17 years in Households	29,032
Enrolled in school	26,206
Public	89.9%
Private	10.1%
Not enrolled in school	2,826

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester: Student Discipline Report, 2019-2020						
Student Group	Students	Students Disciplined	Percent			
			In-School Suspension	Out-of-School Suspension	Emergency Removal	Expulsion
All Students	26,441	1,172	1.7	2.8	0.6	0.0
English Learner	8,723	329	1.6	2.3	0.5	0.0
Economically disadvantaged	17,554	982	2.2	3.6	0.8	0.0
Students w/disabilities	5,538	476	3.1	5.9	1.5	0.0
High needs	21,815	1,091	2.0	3.2	0.7	0.0
Female	12,792	425	1.3	2.2	0.3	0.0
Male	13,649	747	2.1	3.4	0.9	0.0
Amer. Ind. or Alaska Nat.	50	5	-	-	-	0.0
Asian	1,670	9	0.1	0.4	0.2	0.0
Afr. Amer./Black	4,549	209	1.9	2.9	0.6	0.0
Hispanic/Latino	11,422	654	2.2	3.3	0.8	0.0
Multi-race, Non-Hisp./Lat.	1,108	57	2.2	3.3	0.8	0.0
Nat. Haw. or Pacif. Isl.	7	0	-	-	-	0.0
White	7,635	239	1.2	1.9	0.5	0.0

*Data for populations less than 6 not reported.

Source: Massachusetts Department of Elementary and Secondary Education.

Explanation of Terms

In-school suspension: a disciplinary action that removes a student from participation in school activities for 1 day or more. Students suspended remain in school but are removed from academic classes and placed in a separate environment during their suspension.

Out-of-school suspension: a disciplinary action that removes a student from participation in all school activities, including after school activities, for at least one day, not to exceed 90 days in a school year. Students are not allowed on school grounds during their suspensions.

Emergency Removal: removing a student from school temporarily when a student is charged with a disciplinary offense and in the principal's judgement, the continued presence of the student poses a danger to persons or property, and substantially disrupts the order of the school, and, in the principal's judgment, there is no alternative available to alleviate the danger or disruption. An emergency removal shall not exceed two day past the student's removal from school.

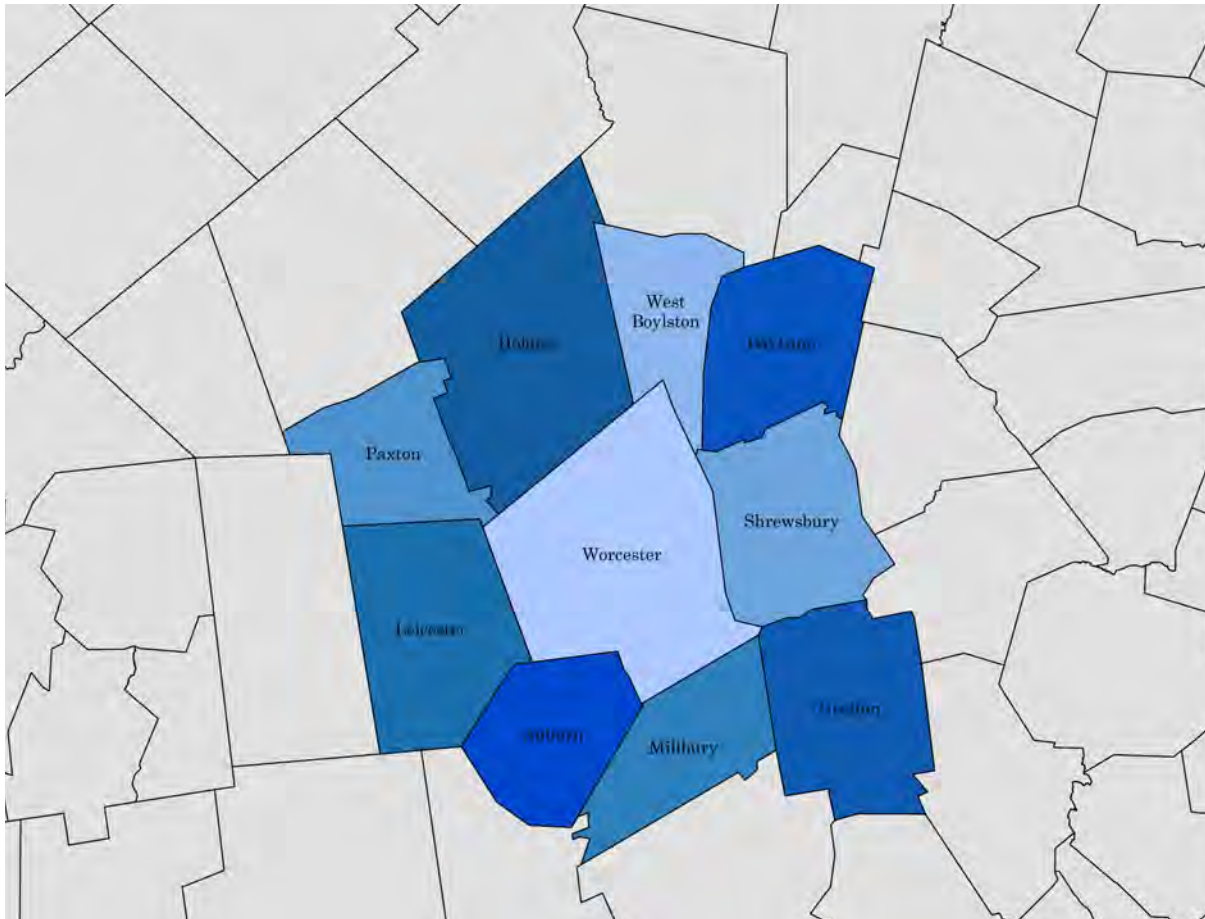
Expulsion: a disciplinary action imposed by school officials to permanently remove a student from participation in all school activities. Student is ineligible to return to school. There were no expulsions listed for Worcester on the Department of Elementary and Secondary Education website for 2019-2020 as of 9/24/2021.

Appendix II

A Focus on Greater Worcester

Greater Worcester Executive/Administrative Leadership

Auburn — Julie A. Jacobson — Town Manager
Boylston — April Steward — Town Administrator
Grafton — Evan Brassard — Town Administrator
Holden — Peter M. Lukes — Town Manager
Leicester — David A. Genereux — Town Administrator
Millbury — Sean Hendricks — Town Manager
Paxton — Carol L. Riches — Town Administrator
Shrewsbury — Kevin J. Mizikar — Town Manager
West Boylston — Nancy Lucier — Town Administrator

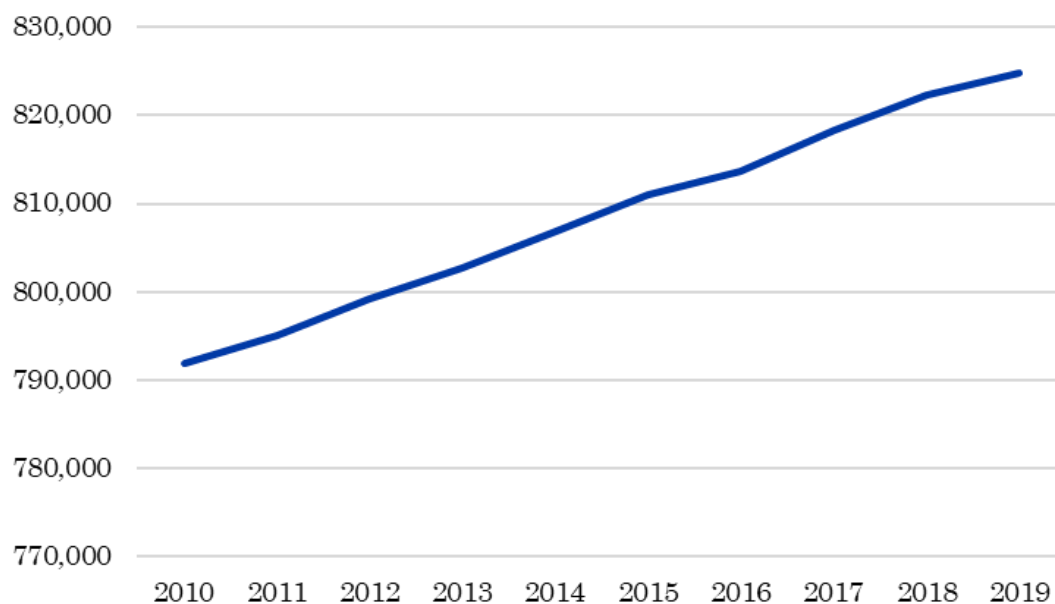


Incorporation Dates for Greater Worcester		
Leicester	1714	
Worcester	1722 as a Town	1848 as a City
Shrewsbury	1727	
Grafton	1735	
Holden	1741	
Paxton	1765	
Auburn	1778	
Boylston	1786	
West Boylston	1808	
Millbury	1813	

Worcester County:

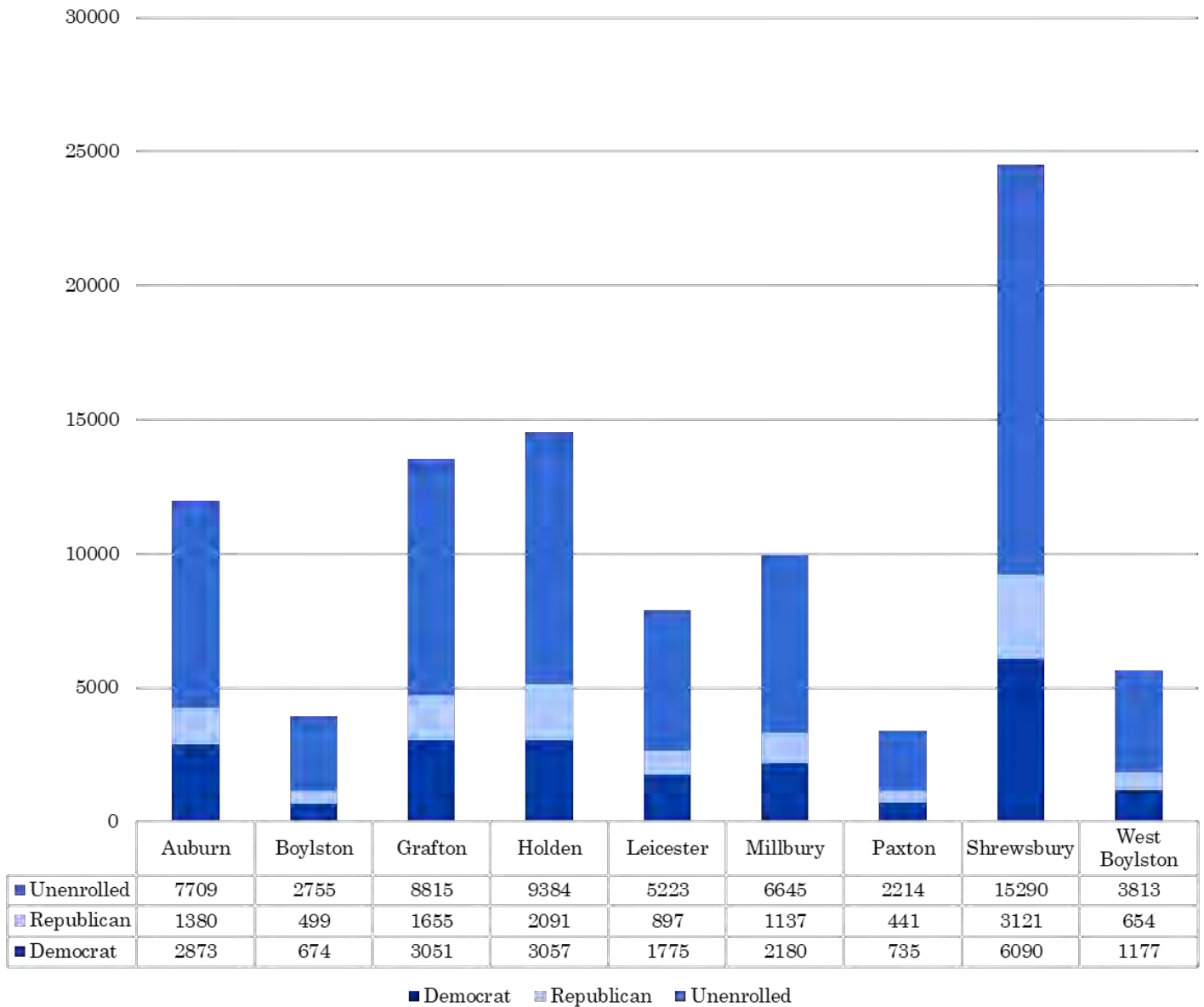
Area: 1,510 square miles

Population: 824,772 (2019)

Population Density: 546 persons per square mile
60 cities and towns (including Worcester)**Worcester County: Population 2010 — 2019**

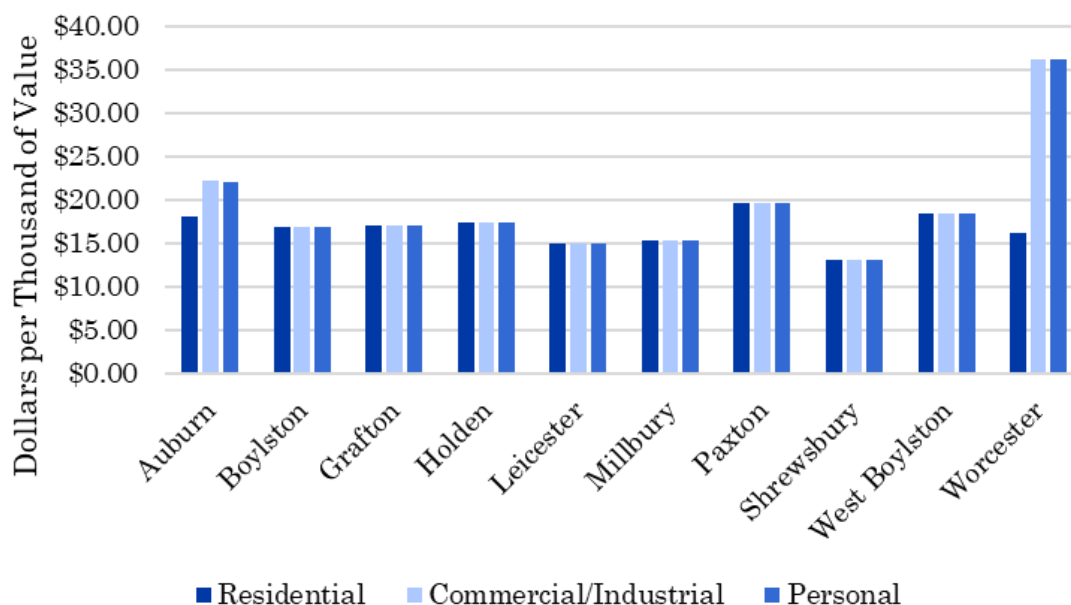
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Party Affiliation & Registration, as of February 2021



Source: Office of the Secretary of the Commonwealth of Massachusetts.

Greater Worcester: Property Tax Rates, FY21



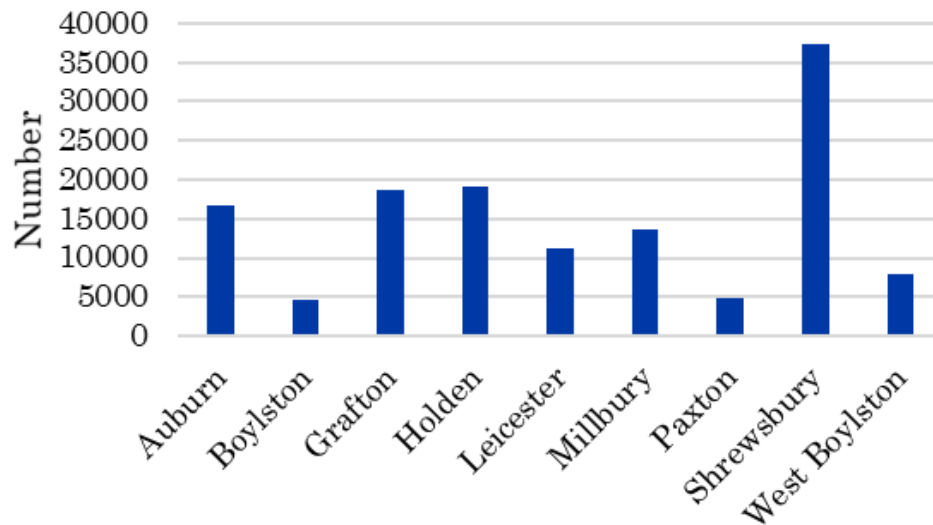
Source: Massachusetts Department of Revenue.

Greater Worcester: FY21 Budgets

	Total City Budget (including schools)	Education Budget	Education % of Total Budget	Police Budget	Fire Budget	Police & Fire % of Total Budget
Auburn	\$71,471,592	\$28,637,417	40.07%	\$5,127,481	\$4,112,123	12.93%
Boylston	\$17,486,536	\$10,676,162	61.05%	\$1,282,648	\$493,829	10.16%
Grafton	\$64,046,257	\$37,926,369	59.22%	\$2,335,744	\$748,405	4.82%
Holden	\$55,369,669	\$32,671,385	59.01%	\$2,522,369	\$2,283,429	8.68%
Leicester	\$29,997,505	\$17,174,399	57.25%	\$2,033,475	\$315,398	7.83%
Millbury	\$47,031,414	\$24,228,705	51.52%	\$2,568,047	\$799,474	7.16%
Paxton	\$16,172,589	\$7,099,612	43.90%	\$1,101,924	\$439,741	9.53%
Shrewsbury	\$127,245,774	\$67,668,322	53.18%	\$5,645,811	\$3,977,945	7.56%
West Boylston	\$26,303,635	\$12,645,537	48.08%	\$1,707,722	\$940,571	10.07%
Worcester	\$721,821,171	\$421,322,217	58.37%	\$52,766,614	\$41,261,167	13.03%

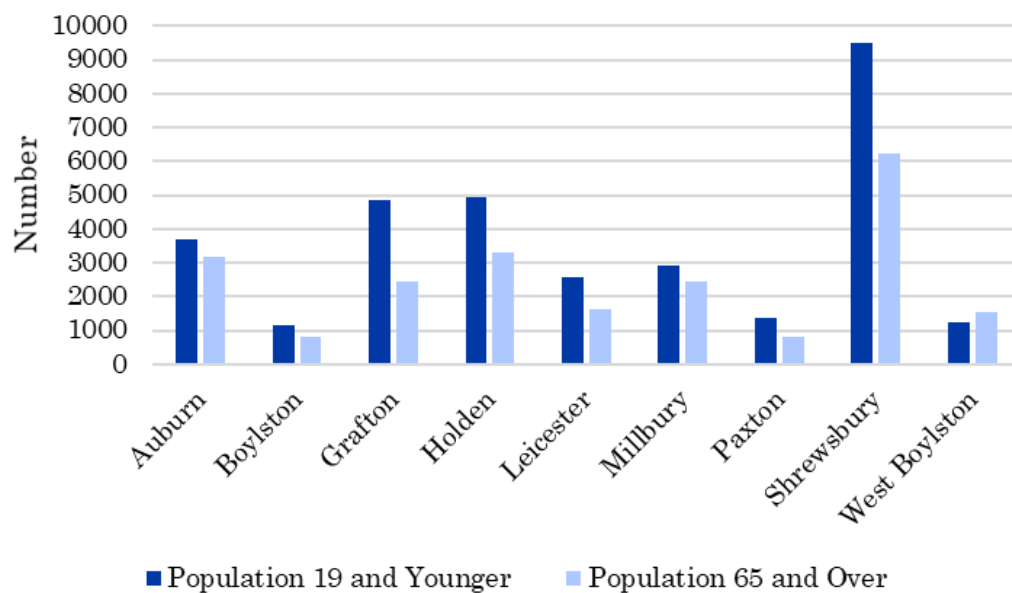
Sources: Individual Town Budgets.

Greater Worcester: Population, 2019



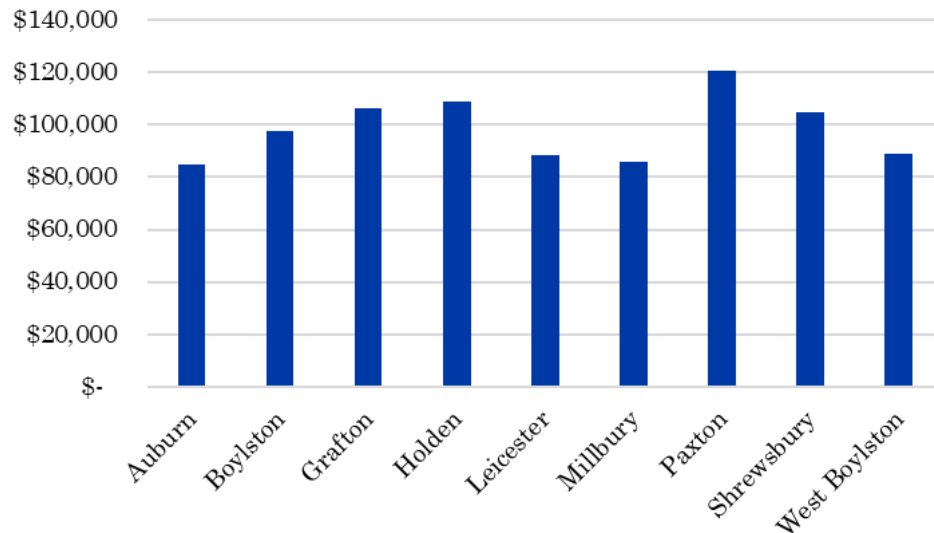
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Population 19 Years of Age or Under and Population 65 Years of Age or Over, 2019



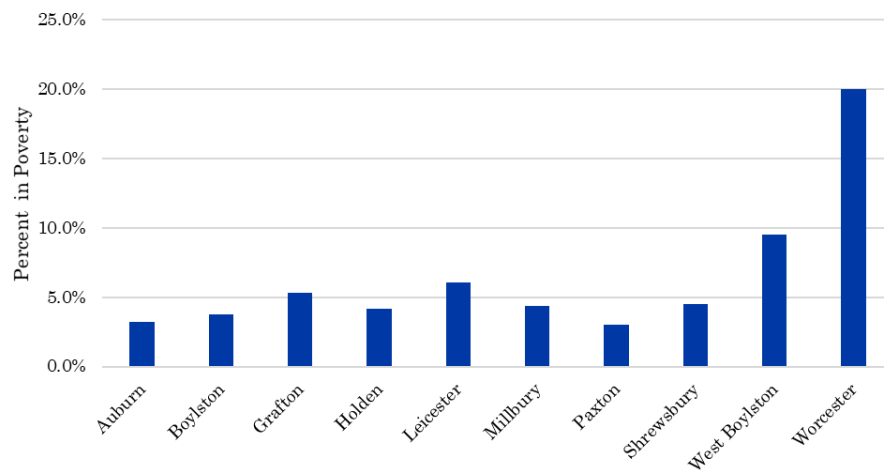
Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Median Household Income, 2019



Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

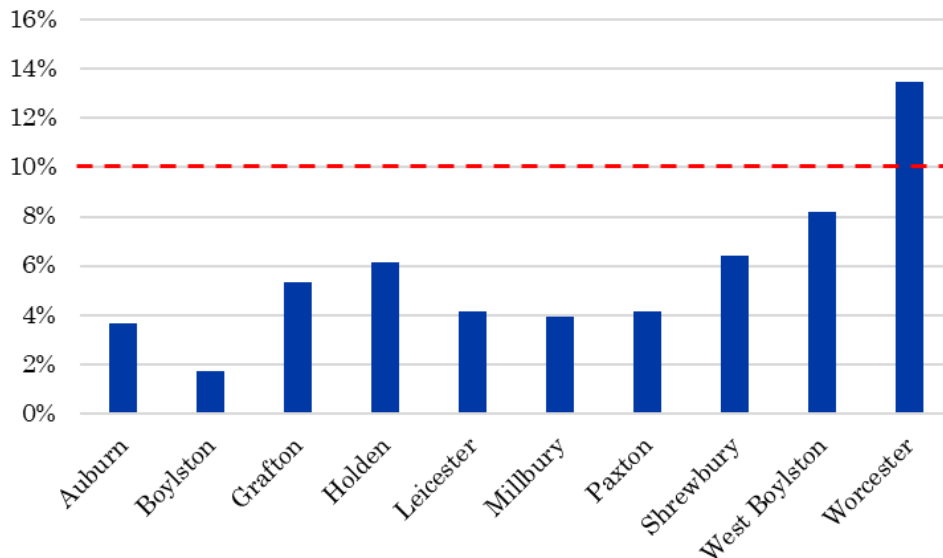
Greater Worcester: Percent in Poverty, 2019



Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Worcester County: Hotel Market, 2020	
Occupancy	41.6%
Supply	2,188,999 Room Nights
Demand	910,329 Room Nights
Average Daily Rate (ADR)	\$93.83
Revenue per Available Room	\$39.02

Source: Discover Central Massachusetts.

Greater Worcester: Chapter 40B Subsidized Housing Inventory

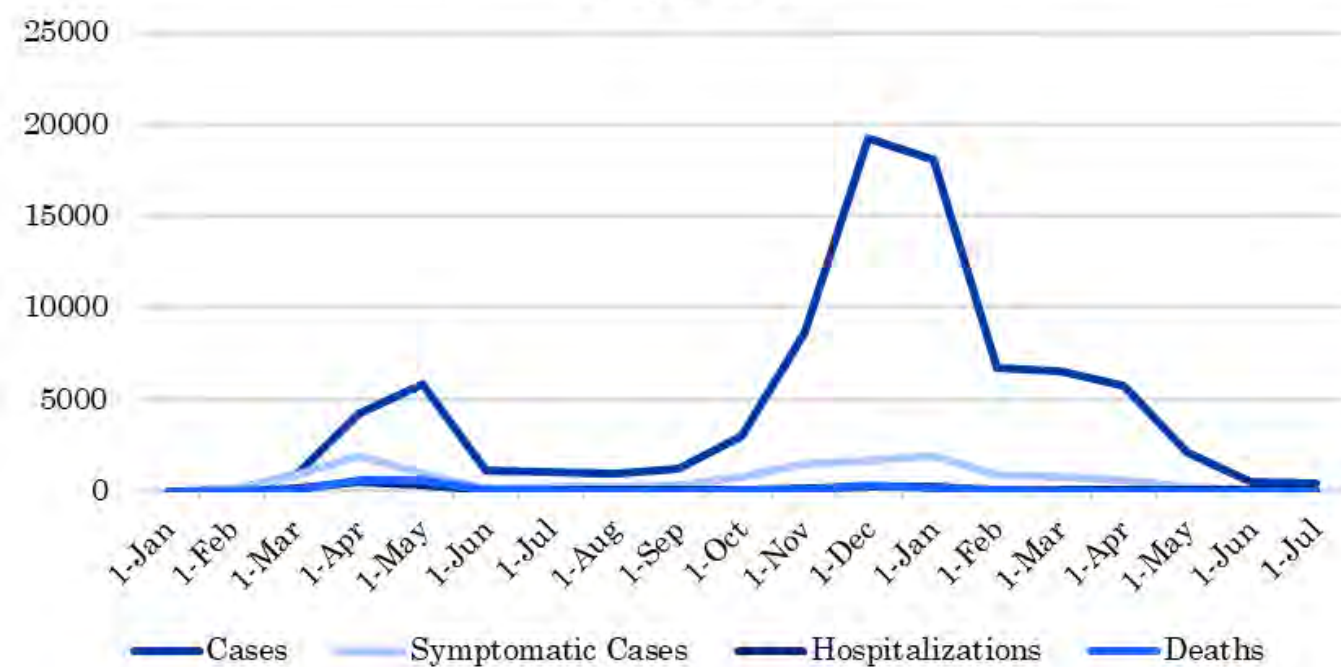
Massachusetts General Laws Chapter 40B was adopted in 1969 as part of the Massachusetts Comprehensive Permit Act to encourage and facilitate the building of affordable, long-term housing for low-income individuals and families across the Commonwealth and to ensure that low-income residents can remain in their localities if housing costs increase. The law calls on every Massachusetts community to ensure that 10% of all housing units meet certain affordability requirements.

Red line indicates 10% threshold called for under Chapter 40B.

Source: Massachusetts Department of Housing & Community Development.

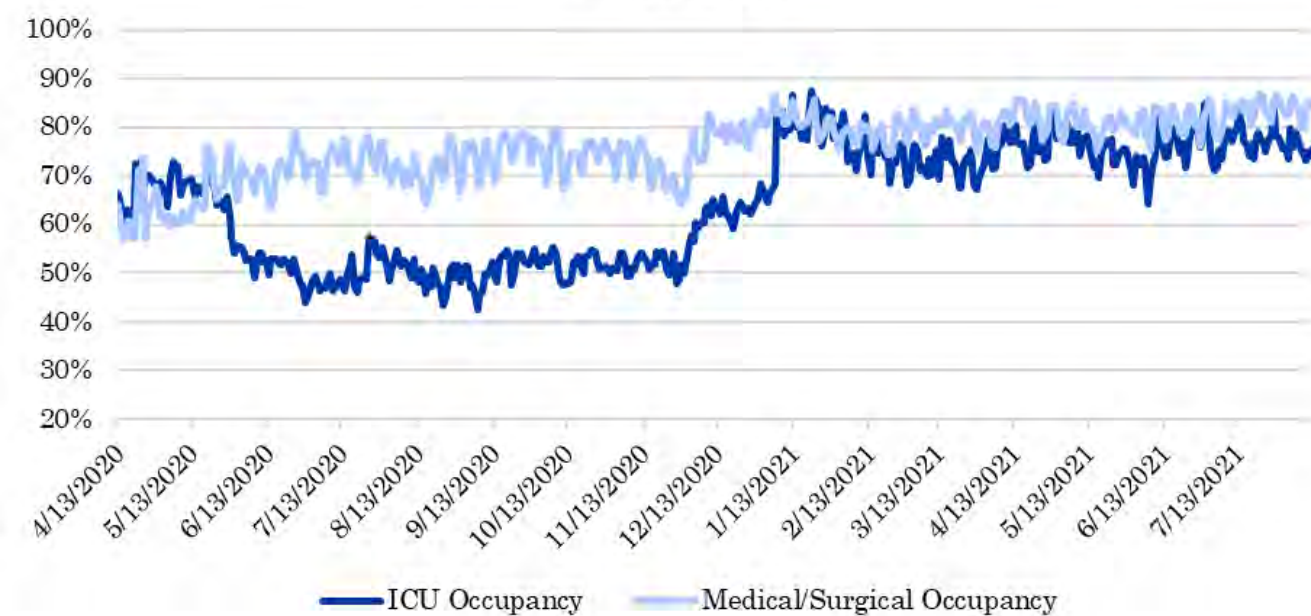
Worcester County COVID-19 Cases, Hospitalizations, and Deaths

Month/Year	Cases	Symptomatic Cases	Hospitalizations	Deaths
1/20	0	0	0	0
2/20	12	11	2	0
3/20	871	814	129	11
4/20	4262	1890	477	547
5/20	5828	953	328	539
6/20	1114	182	42	49
7/20	992	259	24	11
8/20	909	206	19	0
9/20	1237	305	26	0
10/20	2957	801	59	25
11/20	8627	1435	123	82
12/20	19216	1631	246	299
1/21	18051	1921	220	171
2/21	6699	888	71	32
3/21	6517	770	49	0
4/21	5753	546	41	0
5/21	2122	198	24	0
6/21	520	47	9	0
7/21	374	86	18	0

Worcester County: COVID-19 (January 2020 - July 2021)

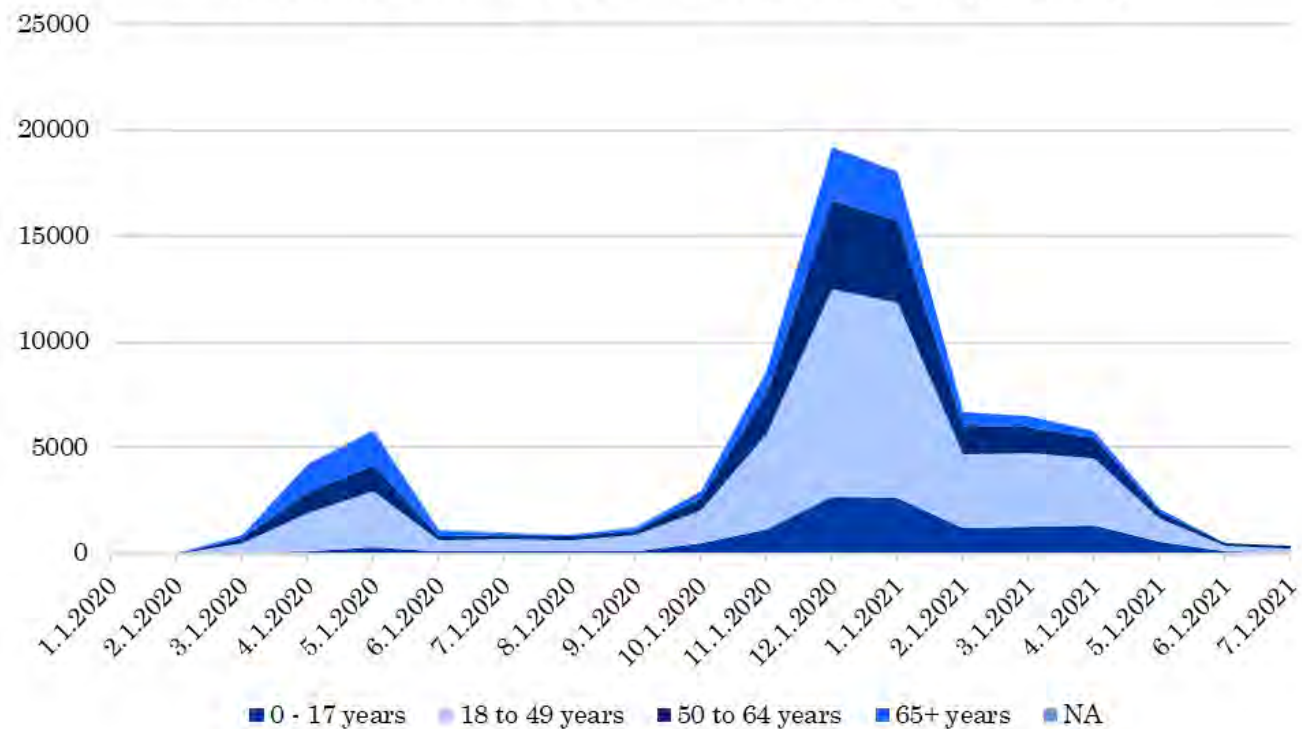
Source: Center for Disease Control

Note: Reported data only tracks confirmed cases, hospitalizations, and deaths (not probable). Symptomatic cases are self-reported data and subsequently are subject to bias.

Worcester County: ICU and Medical/Surgical Bed Occupancy

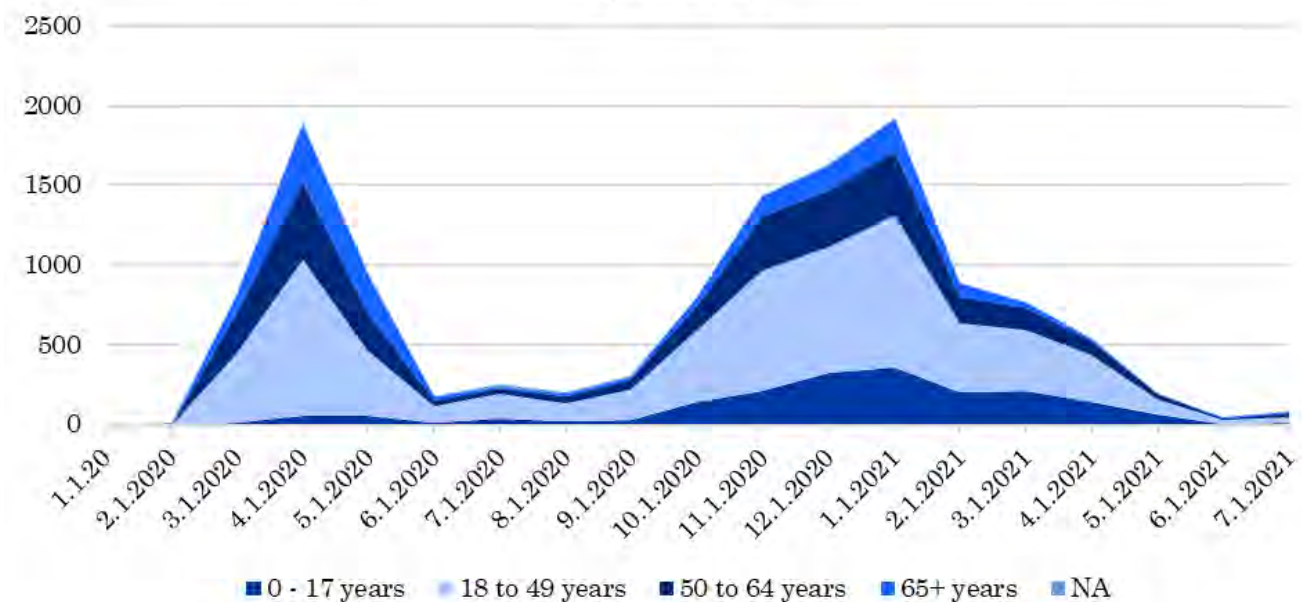
Source: Massachusetts Department of Public Health

Worcester County: COVID-19 Cases by Age Group



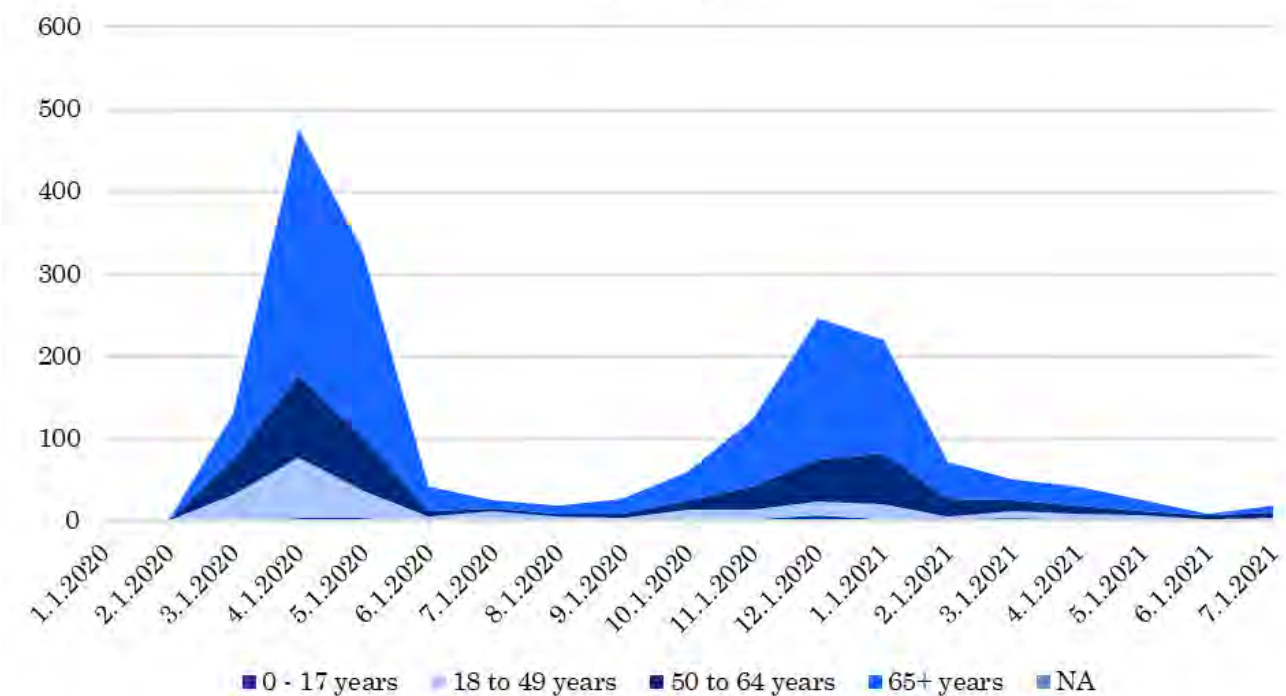
Source: Center for Disease Control

Worcester County: COVID-19 Symptomatic Cases by Age Group



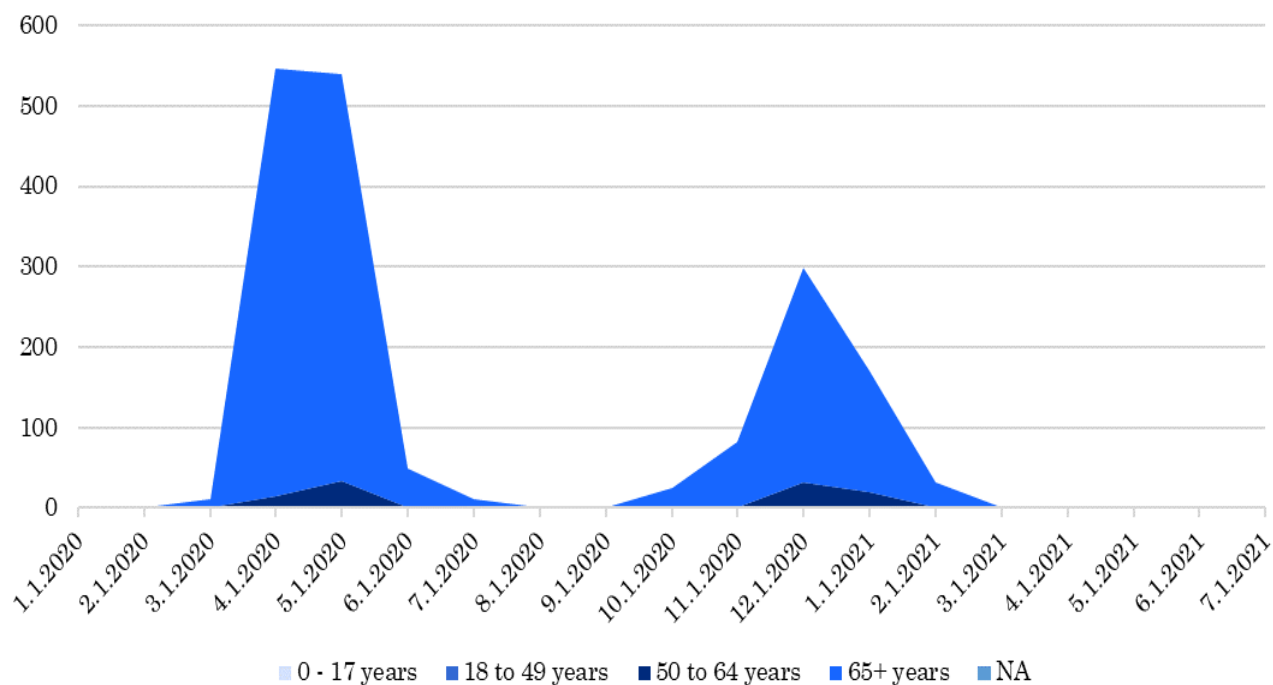
Source: Center for Disease Control

Worcester County: COVID-19 Hospitalizations by Age Group



Source: Center for Disease Control

Worcester County: COVID-19 Deaths by Age Group



Source: Center for Disease Control

**Greater Worcester: Number of Confirmed Opioid Related Overdose Deaths, 2015-2020
(by town of residence for deceased)**

	2015	2016	2017	2018	2019	2020
Auburn	4	2	4	6	4	3
Boylston	2	0	1	1	1	1
Grafton	2	1	0	3	6	2
Holden	4	5	1	3	1	2
Leicester	2	2	4	6	4	5
Millbury	4	4	7	7	8	6
Paxton	1	0	0	1	1	2
Shrewsbury	2	7	8	7	6	4
West Boylston	0	1	3	4	2	1
Worcester	84	74	85	98	81	98

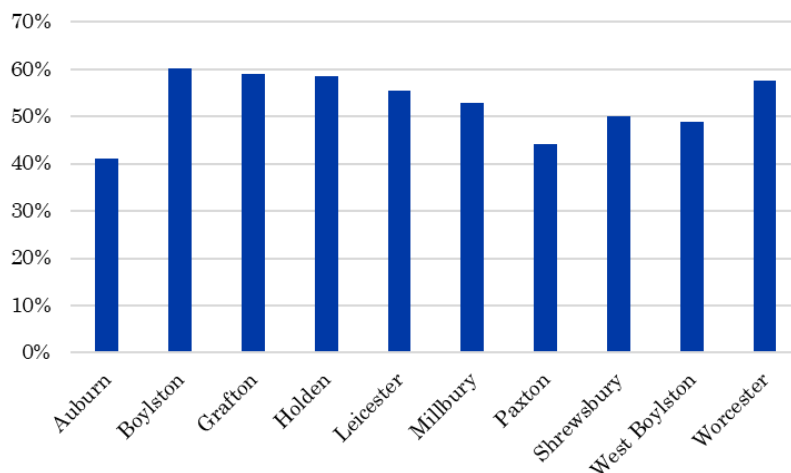
Source: Massachusetts Department of Public Health.

Greater Worcester: Number of Confirmed Opioid Related Overdose Deaths, 2015-2020

	2015	2016	2017	2018	2019	2020
Auburn	1	0	1	1	0	1
Boylston	1	0	0	0	0	0
Grafton	2	0	0	2	3	0
Holden	1	2	0	1	2	1
Leicester	1	1	2	2	1	2
Millbury	1	3	2	3	4	3
Paxton	0	0	0	0	1	2
Shrewsbury	1	3	7	5	2	5
West Boylston	0	2	2	1	1	0
Worcester	122	109	122	134	144	125

Source: Massachusetts Department of Public Health.

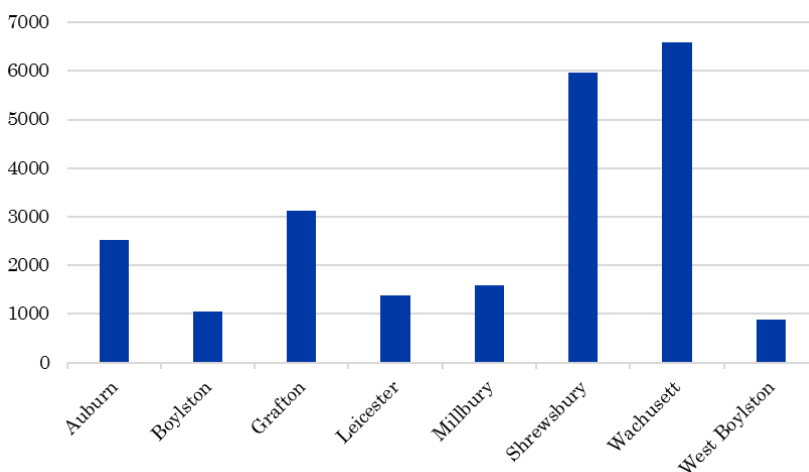
Greater Worcester: Education as Percent of FY21 Municipal Budget



Sources: Individual Town Budgets.

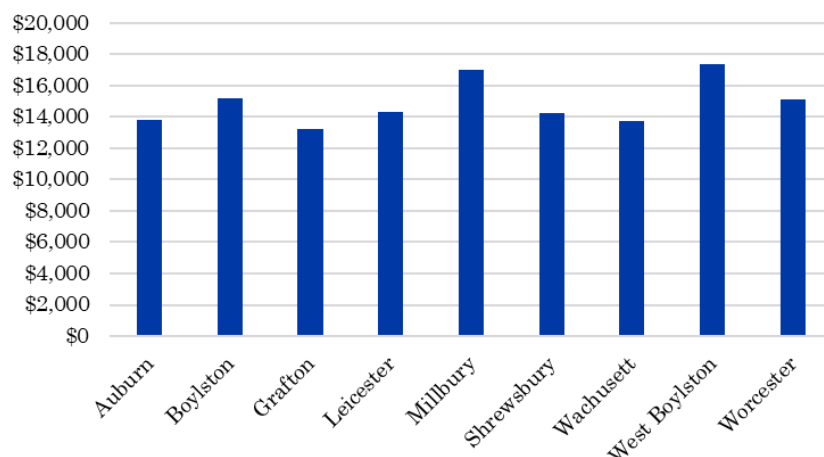
Greater Worcester: Number of Students, 2021

The towns of Holden and Paxton are part of the Wachusett Regional School District, the largest regional district in the Commonwealth.



Source: Massachusetts Department of Elementary & Secondary Education.

Greater Worcester: Per Pupil Spending, 2019



The town of Boylston oversees a K-5 elementary school and is part of the Berlin-Boylston Regional School District for Grades 6-12.

Source: Massachusetts Department of Elementary & Secondary Education.

Greater Worcester: % Population 25 and Over with Bachelor's Degree or Higher, 2019	
Auburn	40.4%
Boylston	57.5%
Grafton	50.4%
Holden	57.7%
Leicester	28.7%
Millbury	32.5%
Paxton	56.3%
Shrewsbury	58.5%
West Boylston	33.2%
Worcester	30.2%

Source: U.S. Census Bureau, 2019 5-Year American Community Survey.

Greater Worcester: Colleges & Universities, 2021
Anna Maria College (Paxton)
Assumption University (Worcester)
Clark University (Worcester)
College of the Holy Cross (Worcester)
MCPHS University (Worcester & Boston)
Nichols College (Dudley)
Quinsigamond Community College (Worcester)
Tufts Cummings School of Veterinary Medicine (Grafton)
University of Massachusetts Medical School (Worcester)
Worcester Polytechnic Institute (Worcester)
Worcester State University (Worcester)

Source: Worcester Regional Research Bureau, Inc.

Worcester Regional Research Bureau, Inc.

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