



The Research Bureau

WORCESTER ALMANAC: 2024

REPORT 24-15

October 2024





NOTE FROM THE RESEARCH BUREAU

THE WORCESTER REGIONAL RESEARCH BUREAU IS PLEASED TO PRESENT THE TENTH 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 X (@WRRBureau) or Instagram (@WRRBureau), like us on Facebook (The Research Bureau), or connect on LinkedIn (Worcester Regional Research Bureau). If you believe in the importance of informed local governance and would like to sponsor our efforts, please consider a contribution.

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Worcester State University



UNIBANK

In this 10th Anniversary Year of the Research Bureau’s annual almanac, UniBank congratulates the Research Bureau on their important contribution to our community.

As the Research Bureau celebrates this milestone, we, at UniBank are pleased to announce our enhanced commitment to the Worcester and Central MA community through our opening of our newest branch across from Polar Park. At UniBank, as the Research Bureau, we take our role as a community asset seriously. UniBank was invited to be one of the founding partners to bring the Worcester Red Sox to town. We were asked to assist with the financing of the Revington, the first building to be built as part of the Kelley Square redevelopment project. As a bank, headquartered in Central MA, we embrace our role as a local institution, in helping our local community prosper.

We are a local institution governed and led by local people – who grew up here, and that is the UniBank difference. Where a company’s headquarters are located, and where its people live – so will be their philanthropy. UniBank is proud to support the companies, organizations, people and businesses of Worcester and Central MA.

We are grateful for the thousands of individuals and local companies who have chosen UniBank as their trusted financial institution.

Together We Can! Together We Will.

Michael Welch

Direct: 508-849-4450



UniBank – Over 154 years of Local Service

Voted “Best Bank for Business” by Worcester Business Journal Readers (11 years)

Voted “Best Bank in Central Mass” by Telegram & Gazette Readers



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POPULATION	INCOME	HEALTH	PUBLIC SAFETY
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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 serving 2-year terms—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.

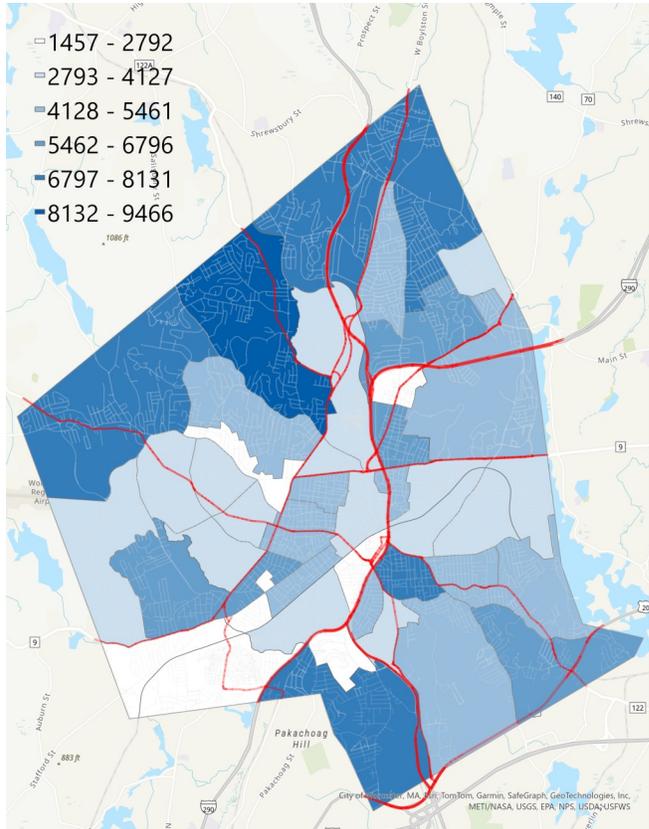
The Worcester School Committee is the WPS’s legislative body while the Superintendent of Schools serves as chief executive officer. As of 2024, the School Committee consists of nine members, two at-large members and six district committee members with the Mayor serving as its Chair. The School Committee 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 following key positions by recommendation of the Superintendent: Assistant or Associate Superintendent, School Business Administrator, Administrator of Special Education, School Physician, Registered Nurses, and Legal Counsel.

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



City of Worcester Seal

WORCESTER: TOTAL POPULATION, 2022



CITY OF WORCESTER — THE BASICS

City of Worcester Population: 205,317

2nd Largest City in New England

114th Largest City in the United States of America

Area: 37.37 square miles (96.79 square kilometers)

Population Density: 5,494 persons per square mile

Incorporation Date: 1722 as a Town | 1848 as a City

Source: US Census Bureau, 2022 5-Year American Community Survey Estimates.



ELECTED & APPOINTED OFFICIALS, AS OF JULY 27, 2024

Mayor

Joseph M. Petty

City Council

Jenny Pacillo, District 1
Candy F. Mero-Carlson, District 2
George J. Russel, District 3
Luis A. Ojeda, District 4
Etel Haxhij, District 5
Morris A. Bergman, At-Large
Donna M. Colorio, At-Large
Khrystian A. King, At-Large
Thu Nguyen, At-Large
Kathleen M. Toomey, At-Large

City Clerk

Nikolin Vangjeli

City Auditor

Robert V. Stearns

City Manager

Eric D. Batista

City Manager's Cabinet

Hung Nguyen, Assistant City Manager
William Bagley, Jr., Director of Human Resources
James Bedard, Interim Chief of Public Facilities
Matilde Castiel, M.D., Health and Human Services Commissioner
Peter Dunn, Chief Development Officer
Martin W. Dyer, Fire Chief
Jay J. Fink, P.E., Public Works & Parks Commissioner
Charles R. Goodwin, Director of Emergency Communications/Management
Michael P. Hamel, Chief Information Officer
Jason L. Homer, Worcester Public Library Executive Director
David C. Horne, Interim Commissioner of Inspectional Services & Building Commissioner
Timothy J. McGourthy, Chief Financial Officer
John W. Odell, Chief Sustainability Officer
Stephen S. Rolle, P.E., Transportation & Mobility Commissioner
Paul B. Saucier, Interim Police Chief
Michael E. Traynor, City Solicitor

School Committee

Maureen Binienda, At-Large
Susan Coghlin Mailman, At-Large
Molly McCullough, District A
Vanessa Alvarez, District B
Dianna Biancheria, District C
Alex Guardiola, District D
Kathleen Roy, District E
Jermaine Johnson, District F

Clerk of the School Committee

Kristi Turgeon
Kaycee Caracciolo

Superintendent of Schools

Dr. Rachel Monárrez

United State Senators

Elizabeth Warren
Ed J. Markey

United State Representative

James P. McGovern

Governor

Maura Healey

Lieutenant Governor

Kimberly Driscoll

Governor's Council

Paul DePalo - 7th District

State Senators

Robyn K. Kennedy - 1st Worcester
Michael O. Moore - 2nd Worcester
Peter Durant - Worcester and Hampshire

State Representatives

Kimberly Ferguson - 1st Worcester
Donald Berthiaume - 5th Worcester
Paul Frost - 7th Worcester
David Muradian, Jr. - 9th Worcester
Hannah Kane - 11th Worcester
Meghan Kilcoyne - 12th Worcester
John J. Mahoney - 13th 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

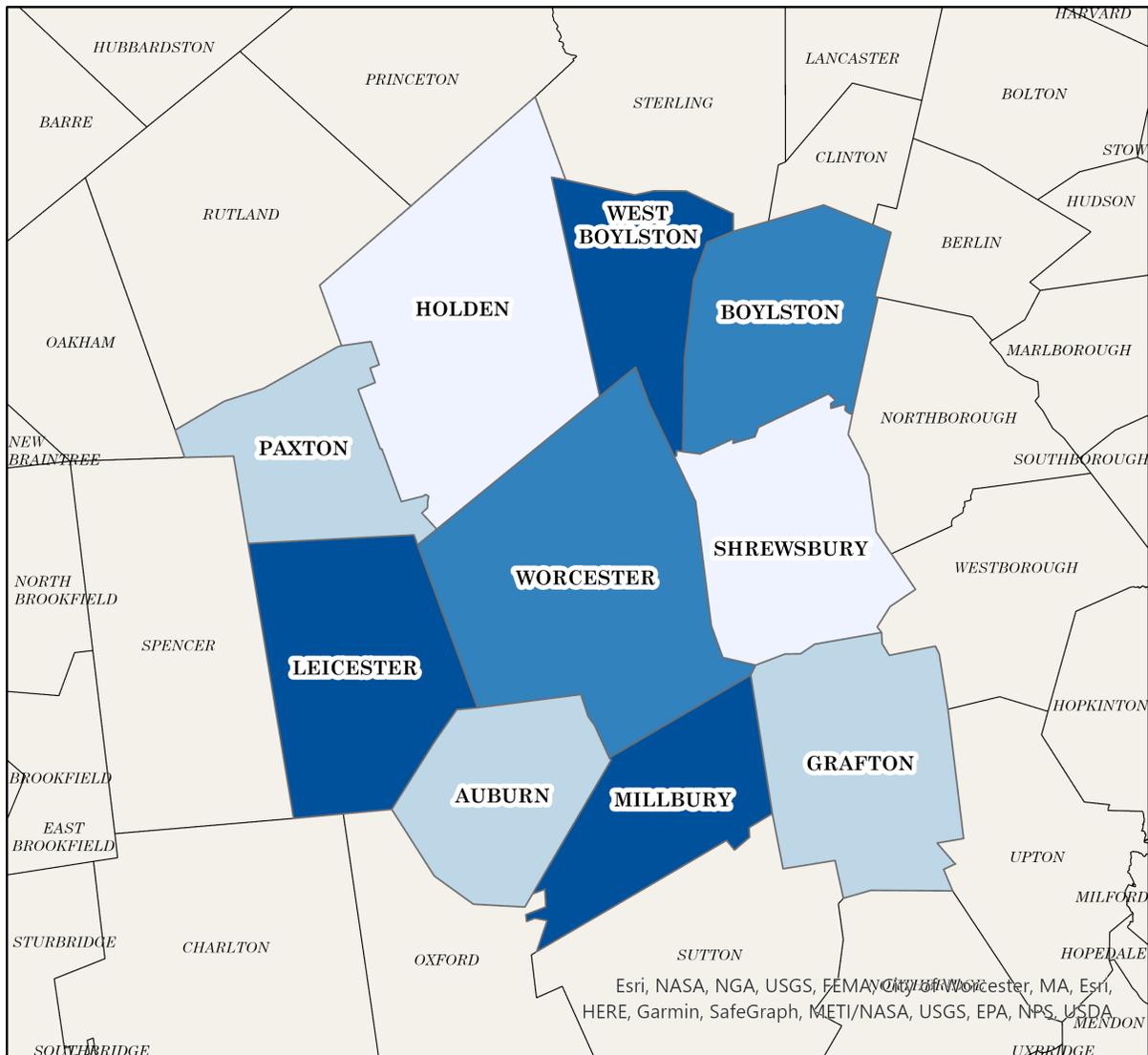
County Sheriff

Lewis G. Evangelidis



GREATER WORCESTER EXECUTIVE/ADMINISTRATIVE LEADERSHIP

Town	Name	Position	Town Incorporation
Auburn	Edward J. Kazanovicz	Town Manager	1778
Boylston	April Steward	Town Administrator	1786
Grafton	Evan Brassard	Town Administrator	1735
Holden	Peter Lukes	Town Manager	1741
Leicester	David A. Genereux	Town Administrator	1714
Millbury	Karyn E. Clark	Town Manager	1813
Paxton	Heather Munroe	Town Administrator	1765
Shrewsbury	Kevin J. Mizikar	Town Manager	1727
West Boylston	Jennifer Warren-Dyment	Town Administrator	1808





WORCESTER COUNTY: THE BASICS, 2023

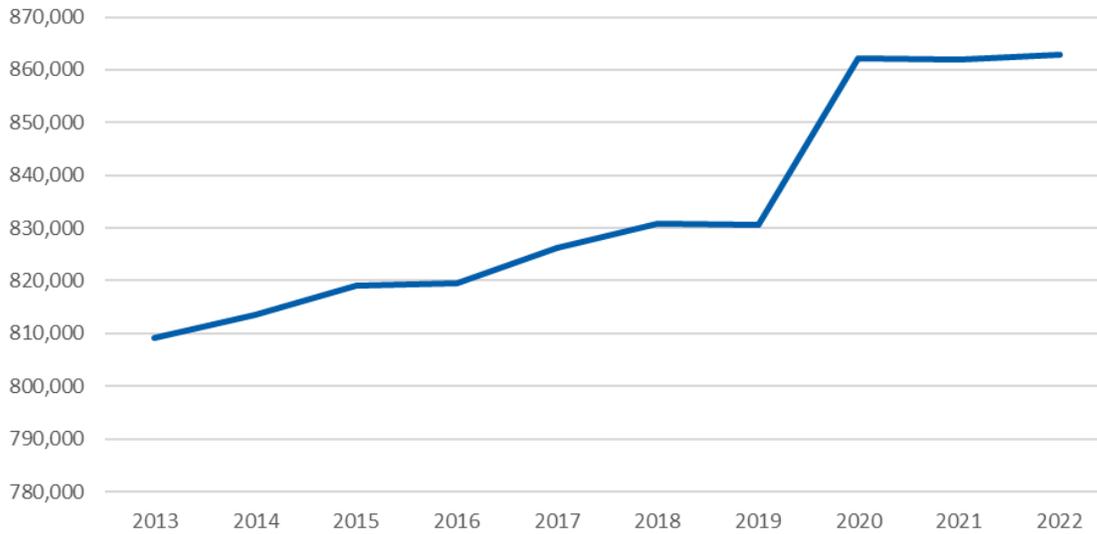
Worcester County Population: 866,866 (2023)

Area: 1,510 sq. miles

Population Density: 574 persons per square mile

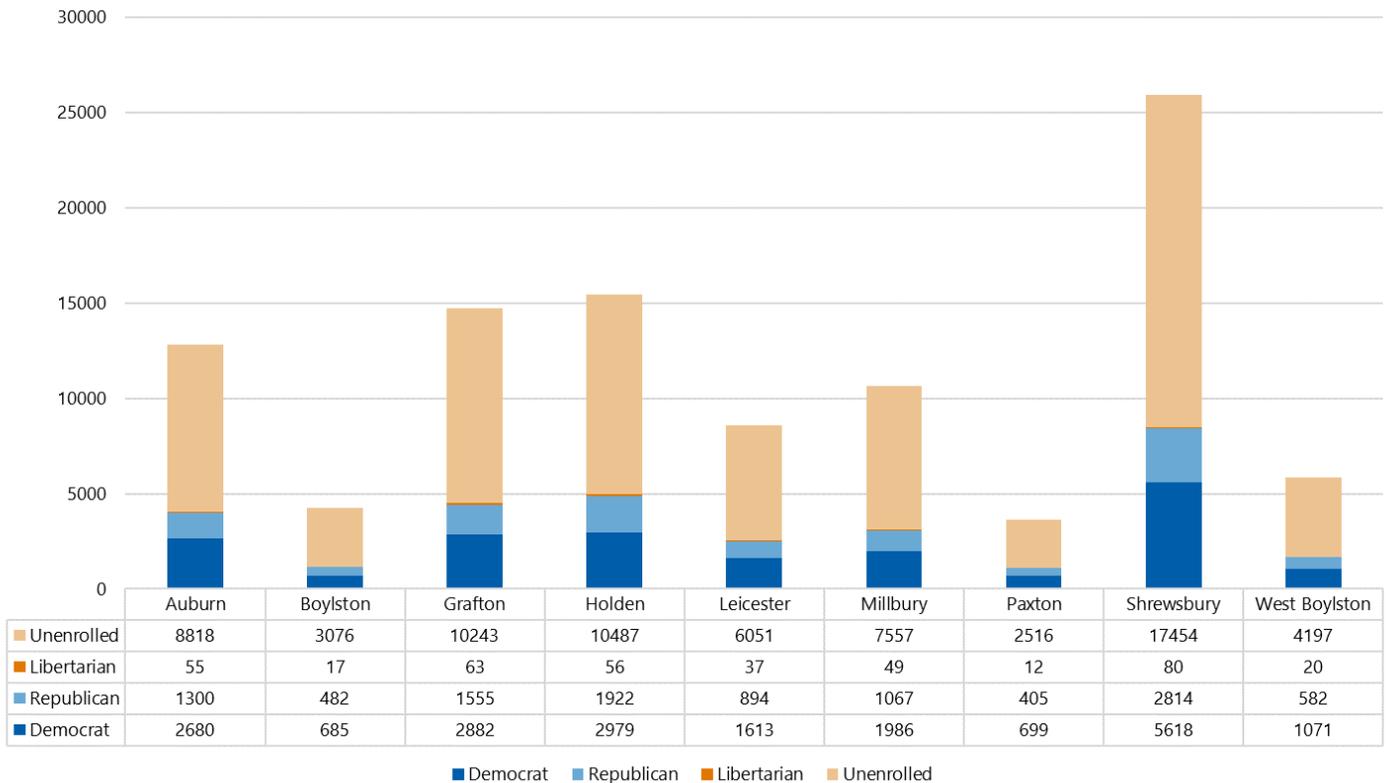
60 cities and towns (including Worcester)

WORCESTER COUNTY: POPULATION 2012-2022



Source: US Census Bureau, 2022 5-Year American Community Survey Estimates.

GREATER WORCESTER: PARTY AFFILIATION & REGISTRATION 2023



Source: Office of the Secretary of the Commonwealth of Massachusetts, data as of February 2023

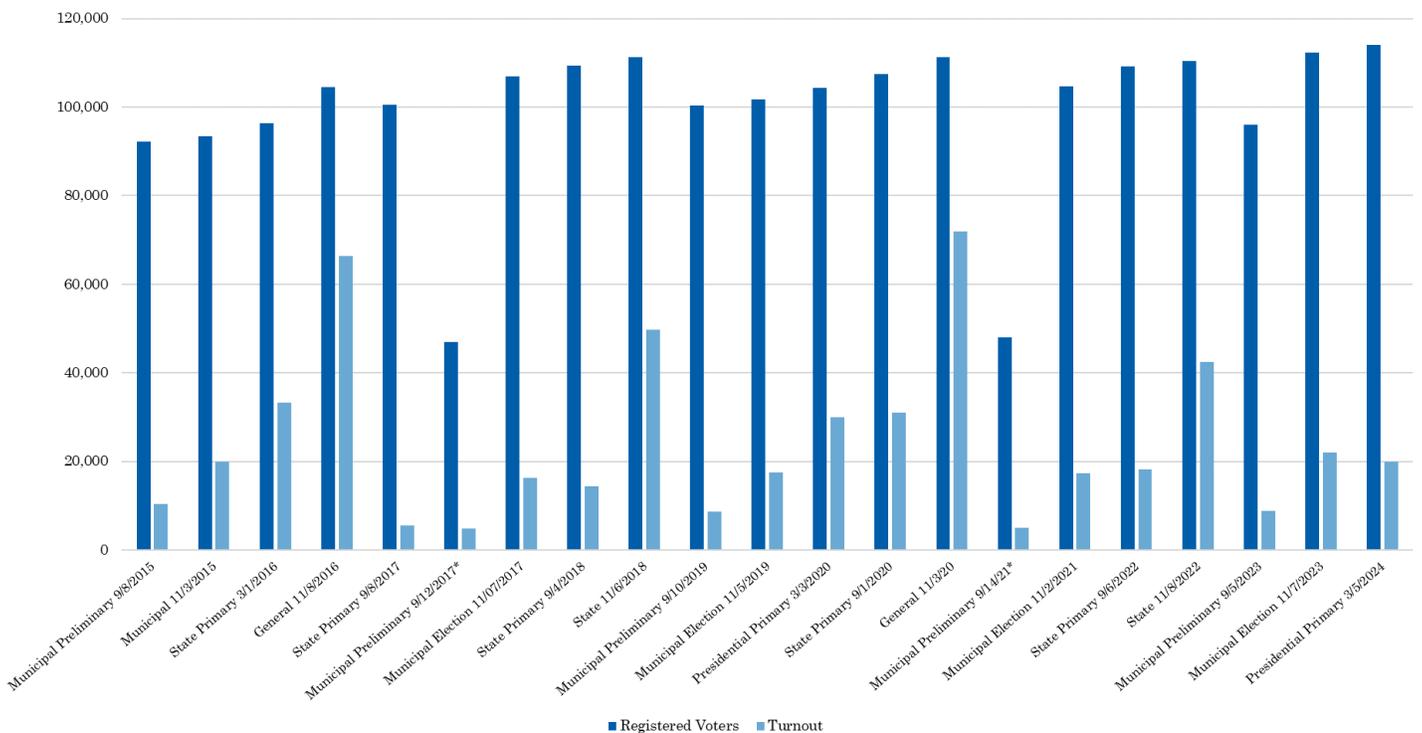


Worcester: Party Affiliation & Registration, as of 7/17/24			
Party Affiliation	Registered Voters	Party Affiliation	Registered Voters
Unenrolled	75,615	We The People	22
Democrat	32,699	Green Party USA	17
Republican	7,030	Pirate	16
Libertarian	428	America First Party	12
United Independent Party	365	Constitution Party	8
Conservative	89	The People's Party	7
Green Rainbow	81	Workers Party	7
American Independent	62	Reform	4
Socialist	62	Twelve Visions Party	4
Inter 3rd Party	60	Rainbow Coalition	4
MA Independent Party	55	Veteran Party America	2
Latino-Vote Party	33	American Term Limits	1
Working Families	28	Prohibition	1
Pizza Party	26	World Citizens' Party	1

Source: Worcester City Clerk, Worcester Elections Commission

As of July 2024, there were 116,739 registered voters in the City of Worcester. 64.8% of voters were not enrolled in a political party, 28.0% of voters registered as Democrats, and 6.0% of voters registered as Republicans. Since 2010, the number of unenrolled voters has increased by 80.1%, the number of Democratic voters has decreased by 18.0%, and the number of Republicans has decreased by 8.3%.

WORCESTER: REGISTERED VOTERS & BALLOTS CAST, 2015-2024



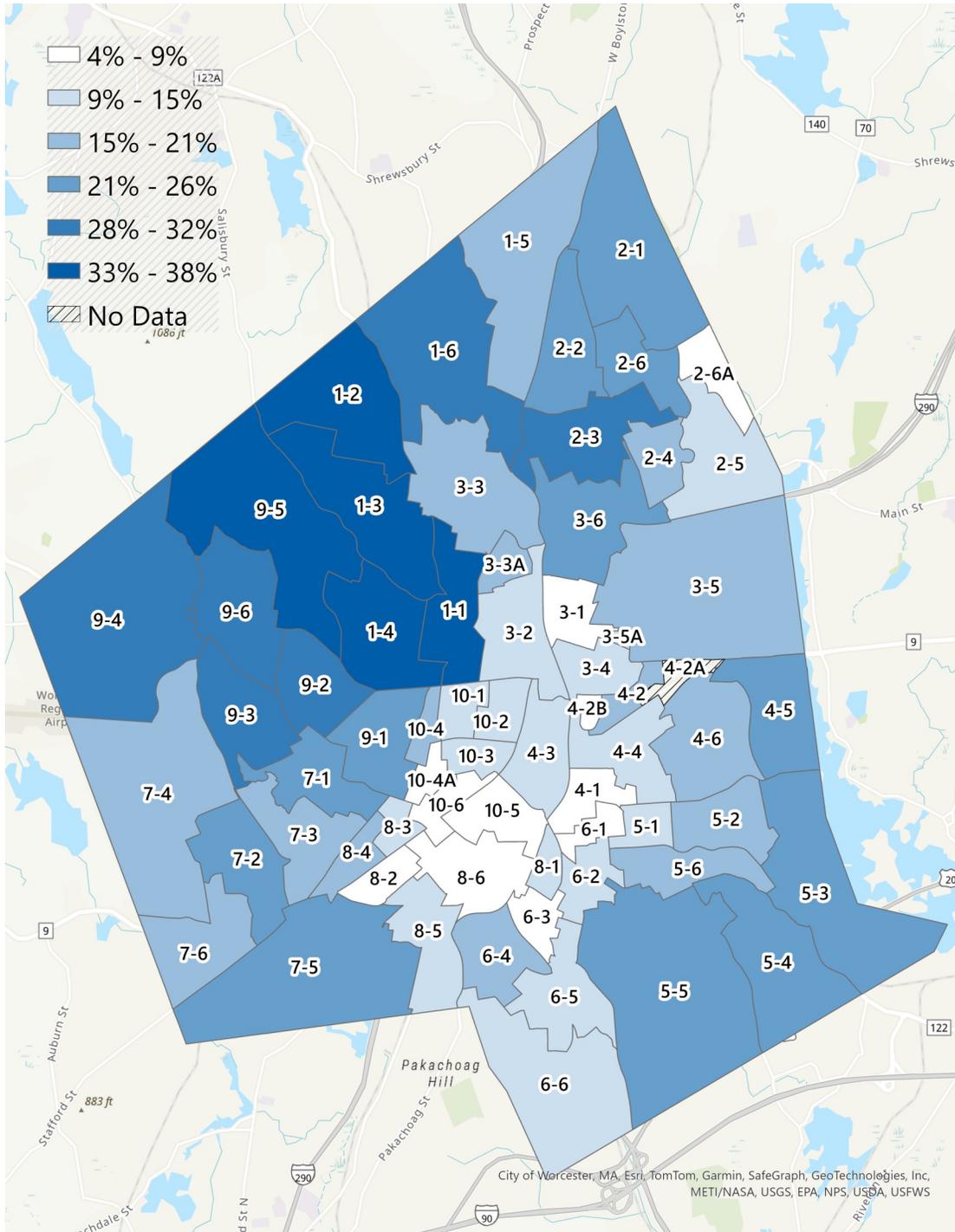
Source: Worcester City Clerk, Worcester Elections Commission



Voter Turnout

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 19.5% of registered voters turned out in November 2023 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. 64.6% of Worcester’s electorate voted in the November 2020 general election and 38.5% of registered voters turned out for the 2022 election.

WORCESTER: MUNICIPAL ELECTION VOTER TURNOUT BY PRECINCT, NOVEMBER 2023



Source: Worcester City Clerk, Worcester Elections Commission



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.

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: Property Tax Rates, FY24*	
Class	Fiscal Year 2024
Residential	\$13.75
Commercial/Industrial/Personal Property (CIP)	\$30.04

Worcester: Tax Shift, FY24			
Lowest Residential Factor Allowed	Residential Factor Selected	Maximum CIP Shift Allowed	CIP Shift
0.800292	0.800484	1.75	1.74928

Source: Massachusetts Department of Revenue

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

Source: City of Worcester.

Worcester: Tax Value of Property, FY23 (expressed in thousands)		
Tax Status	Estimated Value	Percent of Total
Total Taxable and Tax-Exempt Property Value	\$26,715,693	100.0%
<i>Taxable Property Values</i>	\$20,313,767	76.0%
<i>Tax-Exempt Property Values</i>	\$6,401,926	24.0%
Class		
Residential	\$16,078,720	60.2%
Commercial/Industrial/Personal Property	\$4,235,047	15.9%

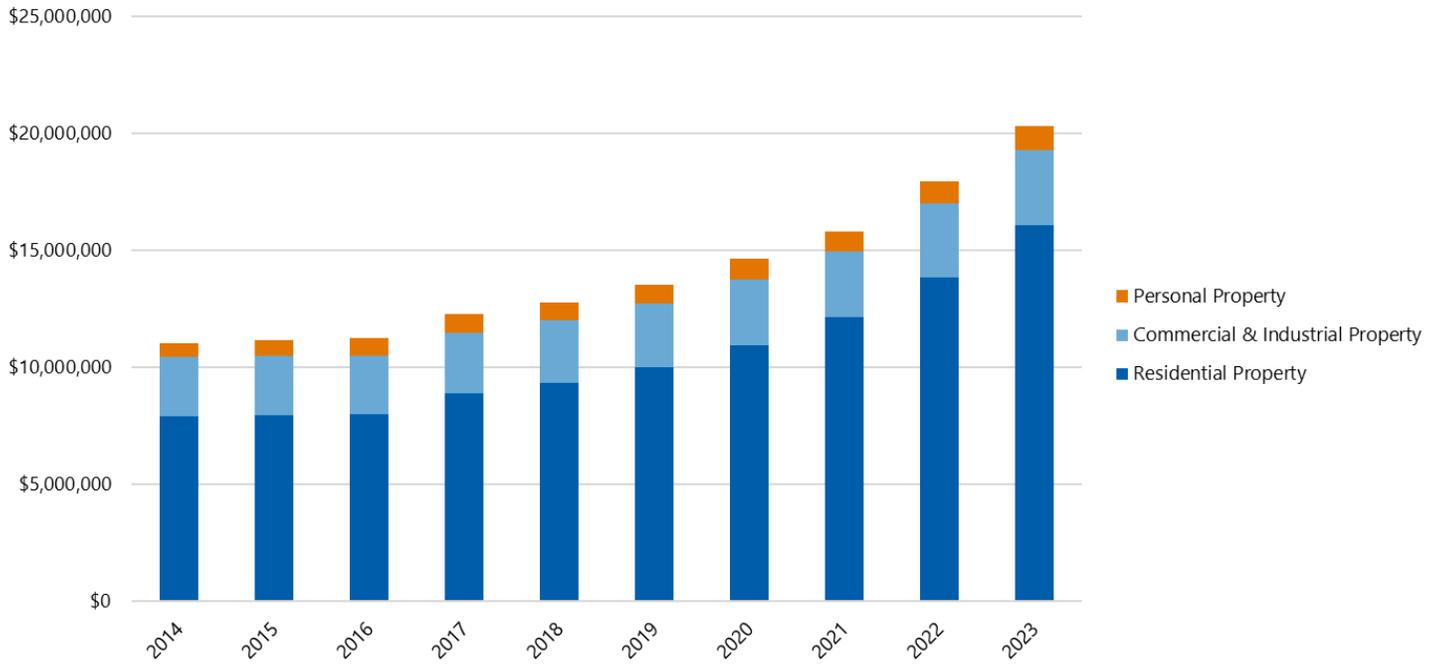
Source: City of Worcester Comprehensive Financial Report, 2023.

Worcester: Principal Taxpayers, FY23 (expressed in thousands)				
Taxpayer	Type of Business	Assessed Valuation	Fiscal 2022 Tax Bill	% of Tax Levy
Massachusetts Electric Co.	Electric Utility	\$446,192	\$13,948	3.8%
NSTAR Gas Co.	Gas Utility	\$279,750	\$8,745	2.4%
VHS Acquisition Subsidiary (St Vincent Hospital)	Medical Care	\$157,714	\$4,930	1.4%
Worcester TC LLC (Abbvie)	Biotechnology Park	\$89,839	\$2,495	0.7%
Hanover Insurance Group	Insurance	\$77,308	\$2,417	0.7%
V3B SA LLC (Lincoln Plaza)	Shopping Plaza	\$61,867	\$1,934	0.5%
New England Power Company	Electric Utility	\$60,290	\$1,868	0.5%
Front Street Associates LLC	Real Estate	\$46,747	\$1,460	0.4%
Verizon New England	Communications	\$38,966	\$1,218	0.3%
MC Roseland Worcester LLC	Real Estate	\$74,750	\$1,198	0.3%

Source: City of Worcester Comprehensive Financial Report, 2023.

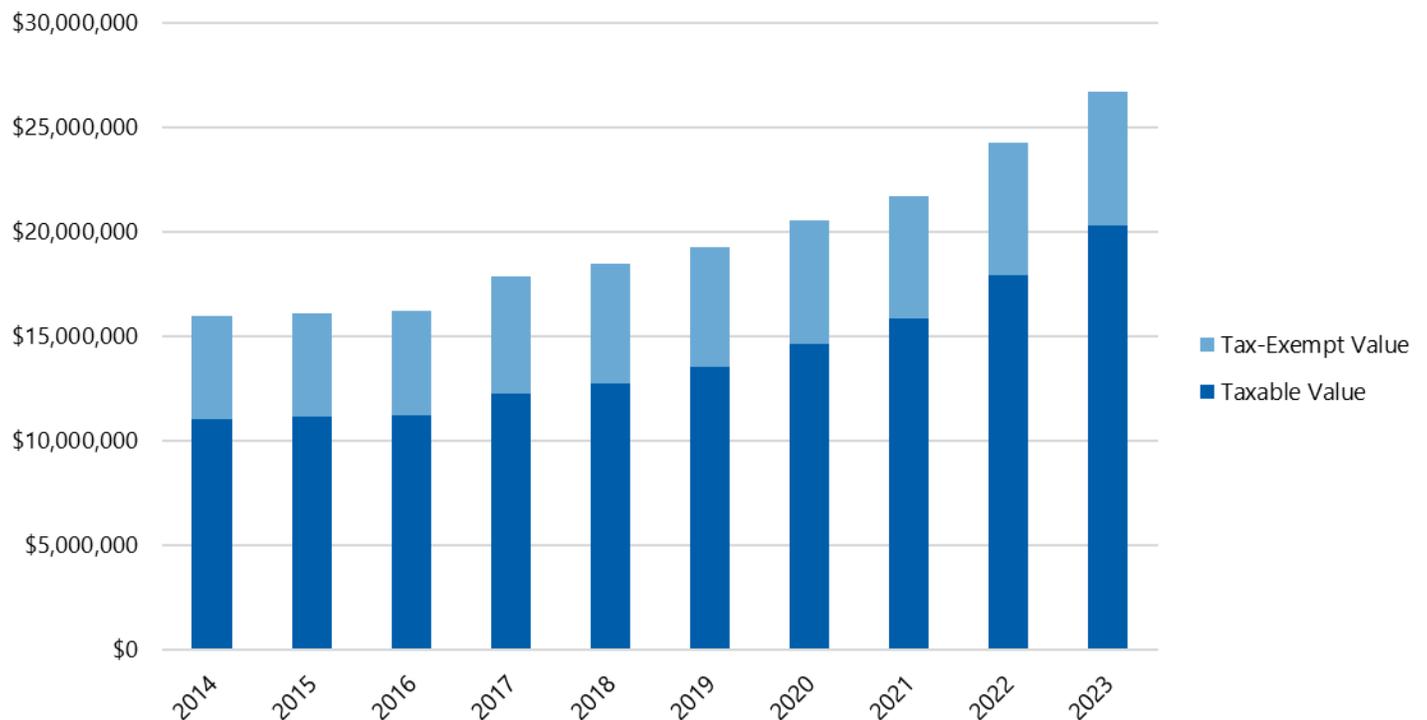


WORCESTER: ASSESSED VALUE OF TAXABLE PROPERTY BY CLASSIFICATION, 2014-2023



Source: City of Worcester Comprehensive Annual Financial Report, 2023

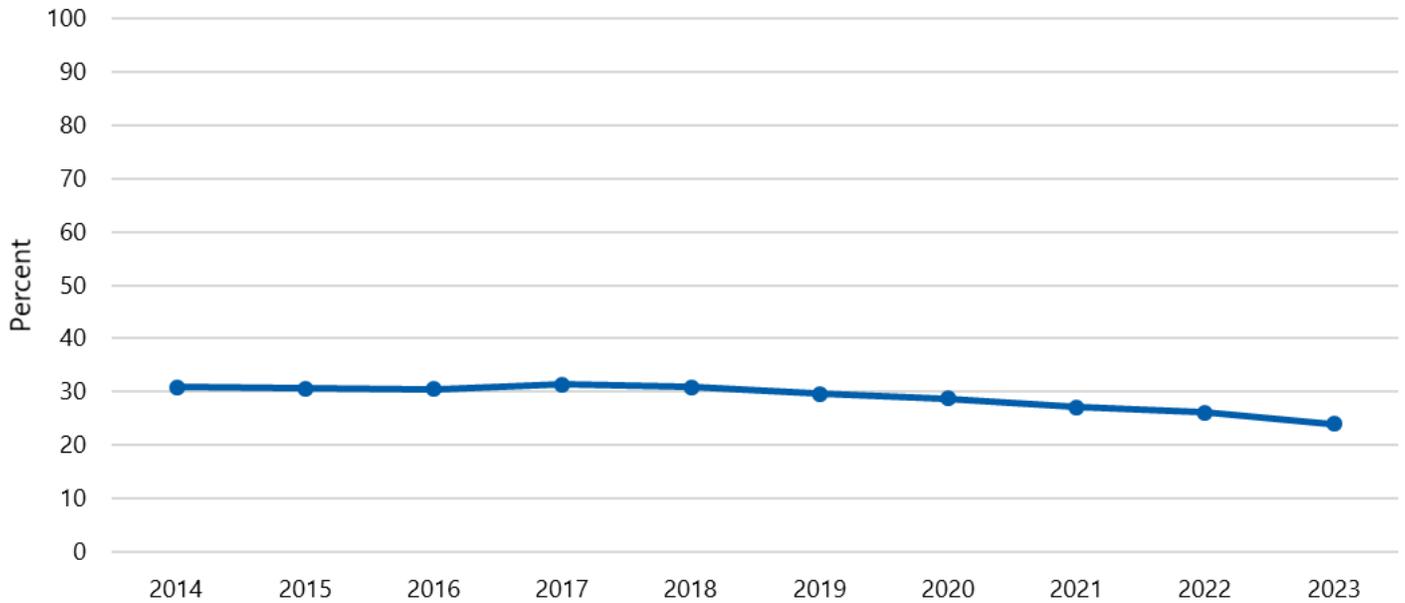
WORCESTER: ASSESSED VALUE OF TAXABLE & TAX-EXEMPT PROPERTY, 2014-2023



Source: City of Worcester Comprehensive Annual Financial Report, 2023

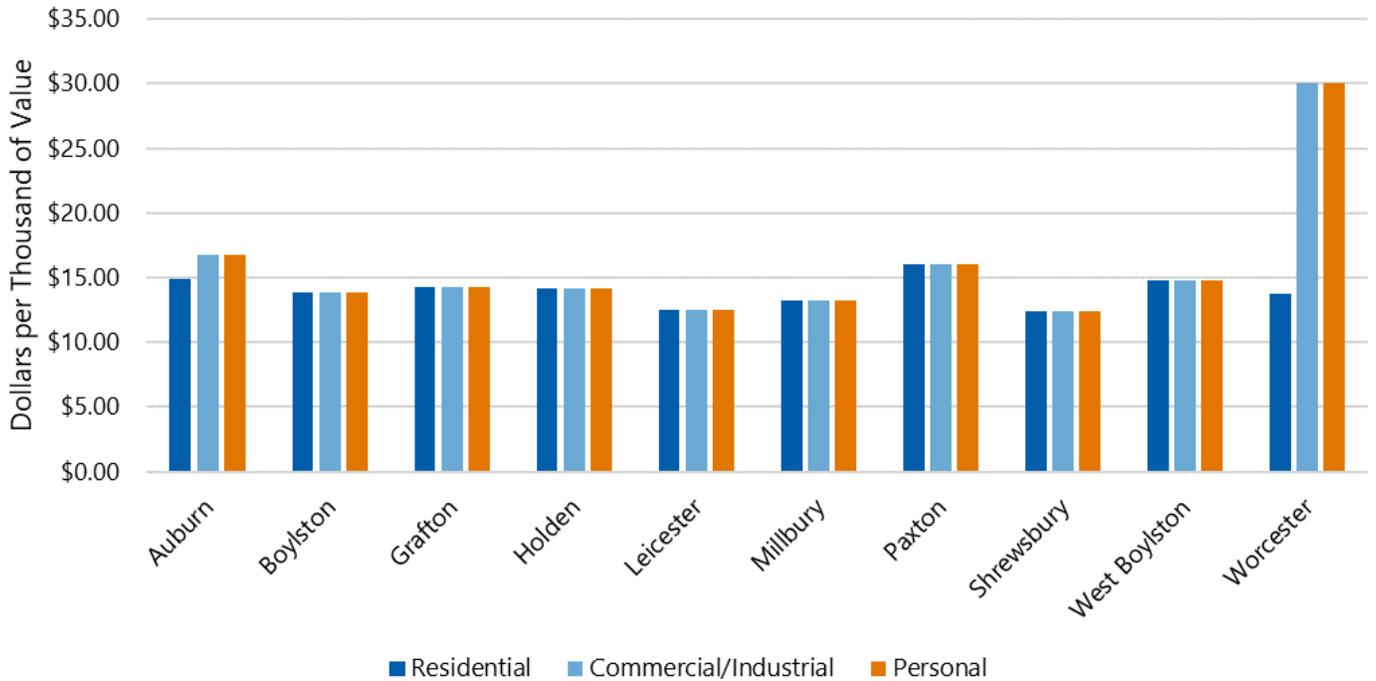


WORCESTER: TAX-EXEMPT VALUE AS A PERCENT OF TOTAL PROPERTY VALUES, 2014-2023



Source: City of Worcester Comprehensive Annual Financial Report, 2023

GREATER WORCESTER: PROPERTY TAX RATES, FY24



Source: Massachusetts Department of Revenue



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.

While pension liabilities must be forward-funded, Massachusetts does not mandate that municipalities address OPEB liabilities. Under the City’s Financial Integrity Plan, Worcester contributes 30% of “free cash”—the surplus remaining after the end of the fiscal year—to be deposited into the OPEB Trust. Without a consistent fund deposit, Worcester’s outstanding liability will increase.

Worcester: Pension Liability, FY23	
Total Pension Liability	\$1,693,171,500
Net Position (Restricted for Pensions)	\$1,212,020,446
Funded Pension Obligation	71.6%

Source: City of Worcester Comprehensive Financial Report, 2023.

Worcester: Other Post-Employment Benefit Liability, FY23	
Total OPEB Liability	\$1,223,802,345
Funded Portion of OPEB Liability	\$36,678,168
Funded OPEB Obligation	3.0%

Source: City of Worcester Comprehensive Financial Report, 2023.

Worcester: Fund Balance, FY23	
Fund Balance	\$90,894,532
Change in Fund Balance - FY22-23	\$8,422,138
Fund Balance as a % of FY24 Budget	10.7%

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

Source: City of Worcester Comprehensive Annual Financial Report, 2023.

Worcester: Public Debt, FY23	
Total Outstanding Long-Term Debt	\$990,269,000
Bond Anticipation Notes as of 6/30/22	\$0
Bonded Debt per Capita	\$4,746
Bonded Debt as a % of Assessed Valuation	4.80%

*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, 2023

Bond Rating

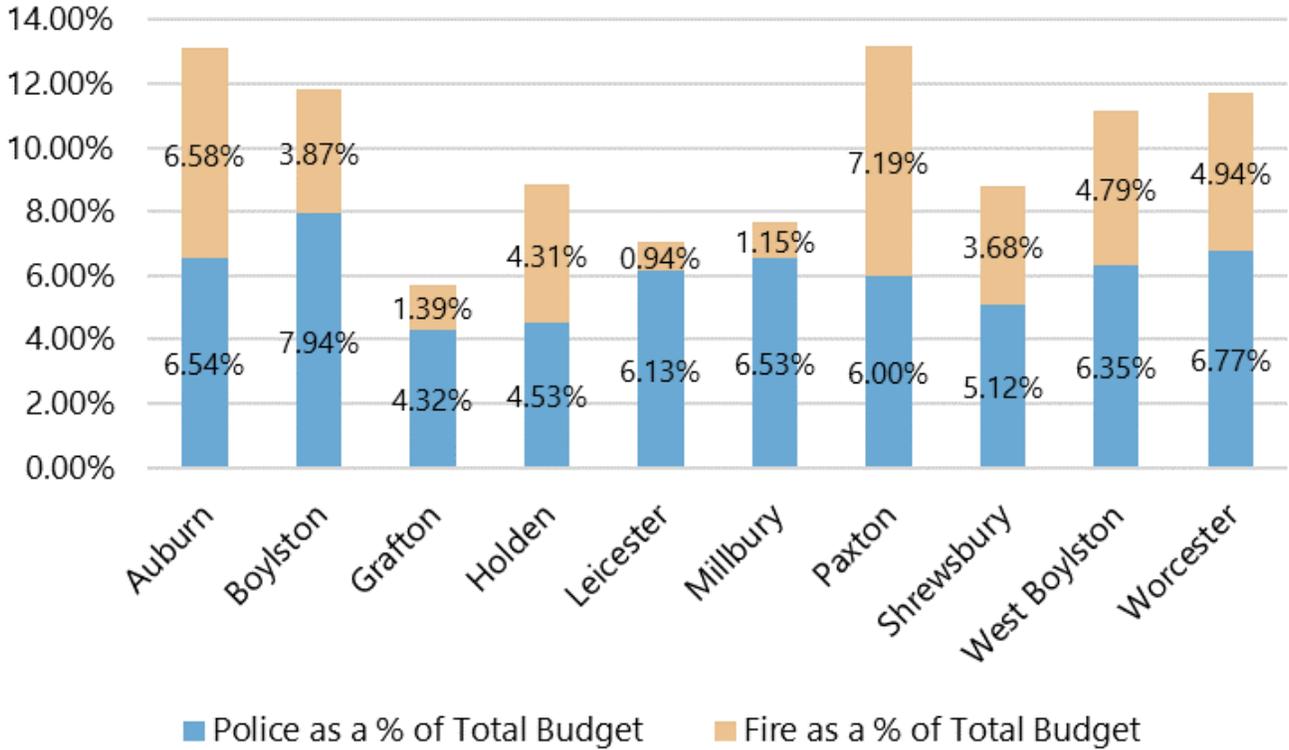
In order to borrow money, municipalities issue bonds that are purchased by investors for a guaranteed return over time. Bond ratings serve as third-party evaluations of a bond issuer’s ability to repay the bond according to the terms. Three primary rating agencies—Fitch Ratings, Moody’s Investors Service, 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.

Worcester: Bond Ratings, FY23	
Rating Agency	Rating
Fitch Ratings	AA
Moody’s Investors Service	Aa3
Standard & Poor’s Rating Service	AA-

Source: City of Worcester Comprehensive Financial Report, 2023.

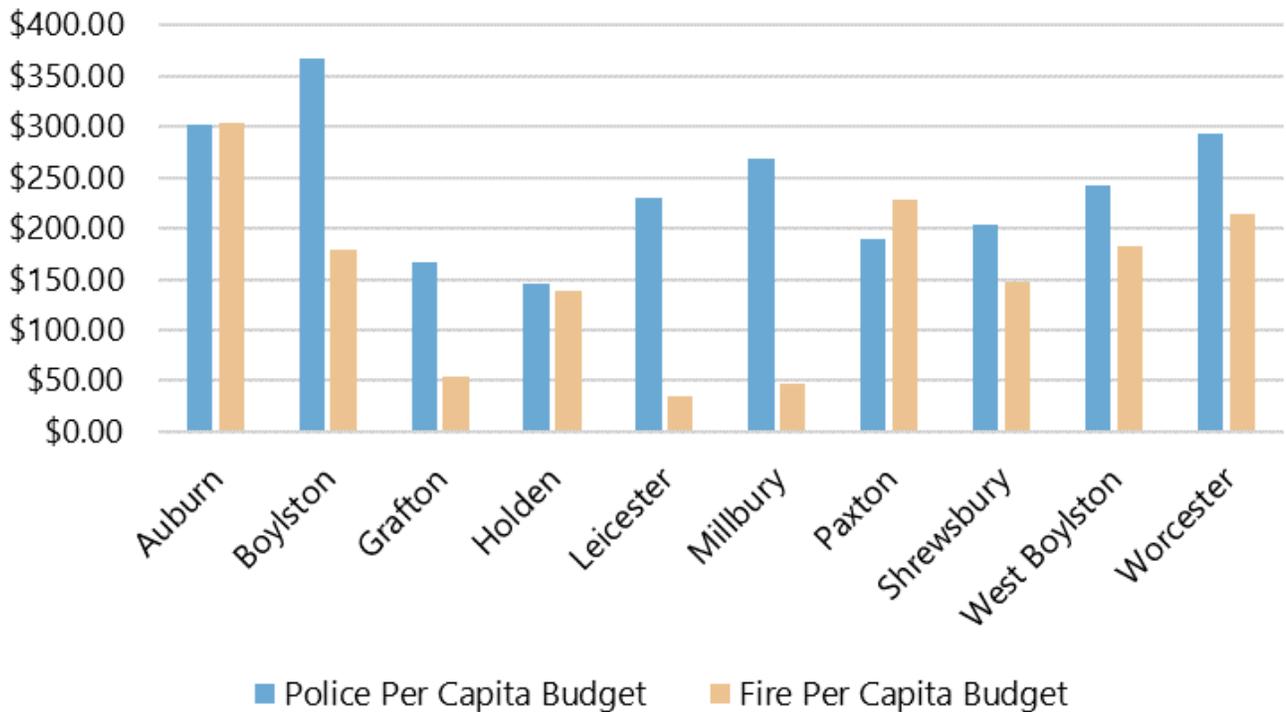


WORCESTER: POLICE & FIRE BUDGETS AS A PERCENT OF TOTAL BUDGET, FY25



Source: Individual Municipal Budgets

GREATER WORCESTER: POLICE & FIRE BUDGETS PER CAPITA, FY25



Source: Individual Municipal Budgets



Greater Worcester: FY25 Budgets

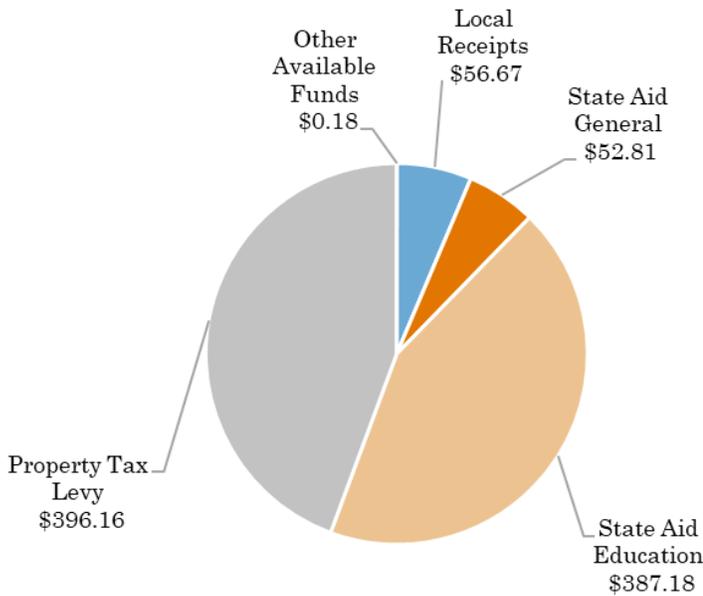
	Total City Budget (including schools)	Education Budget	Education % of Total Budget	Police Budget	Fire Budget	Police & Fire % of Total Budget
Auburn	\$78,194,704	\$33,273,842	42.55%	\$5,115,567	\$5,143,268	13.12%
Boylston	\$22,464,029	\$13,376,691	59.55%	\$1,782,839	\$870,413	11.81%
Grafton	\$75,776,967	\$45,034,624	59.43%	\$3,273,172	\$1,049,677	5.70%
Holden	\$63,884,440	\$38,333,282	60.00%	\$2,895,484	\$2,753,015	8.84%
Leicester	\$41,552,380	\$20,330,236	48.93%	\$2,549,058	\$391,314	7.08%
Millbury	\$56,843,400	\$27,587,690	48.53%	\$3,714,125	\$654,870	7.69%
Paxton	\$15,870,772	\$8,381,556	52.81%	\$952,521	\$1,140,429	13.19%
Shrewsbury	\$152,590,669	\$86,515,519	56.70%	\$7,807,869	\$5,622,036	8.80%
West Boylston	\$30,051,607	\$14,137,414	47.04%	\$1,909,075	\$1,440,730	11.15%
Worcester	\$893,002,939	\$532,960,820	59.68%	\$60,477,684	\$44,091,481	11.71%

*Education includes state aid
Source: Individual Municipal Budgets

City of Worcester's Budget

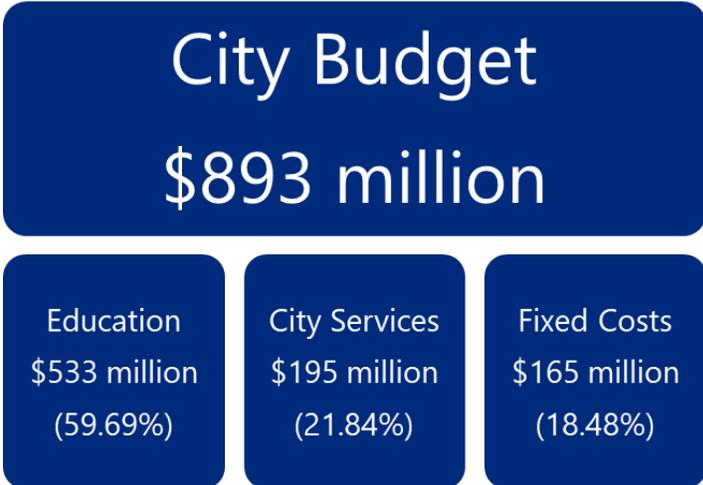
The City's final FY24 budget was \$847.7 million. City leadership has discretion over only a small part of the City's expenditures. A significant portion of the City's annual budget is fixed obligations to education, pensions, and debt service. The City of Worcester is heavily dependent of local property tax revenues; state aid education is passed on to the Worcester Public Schools.

WORCESTER: BUDGETED REVENUES, FY25



Source: City of Worcester FY25 Budget

WORCESTER: BUDGETED EXPENDITURES, FY25



Source: City of Worcester FY25 Budget

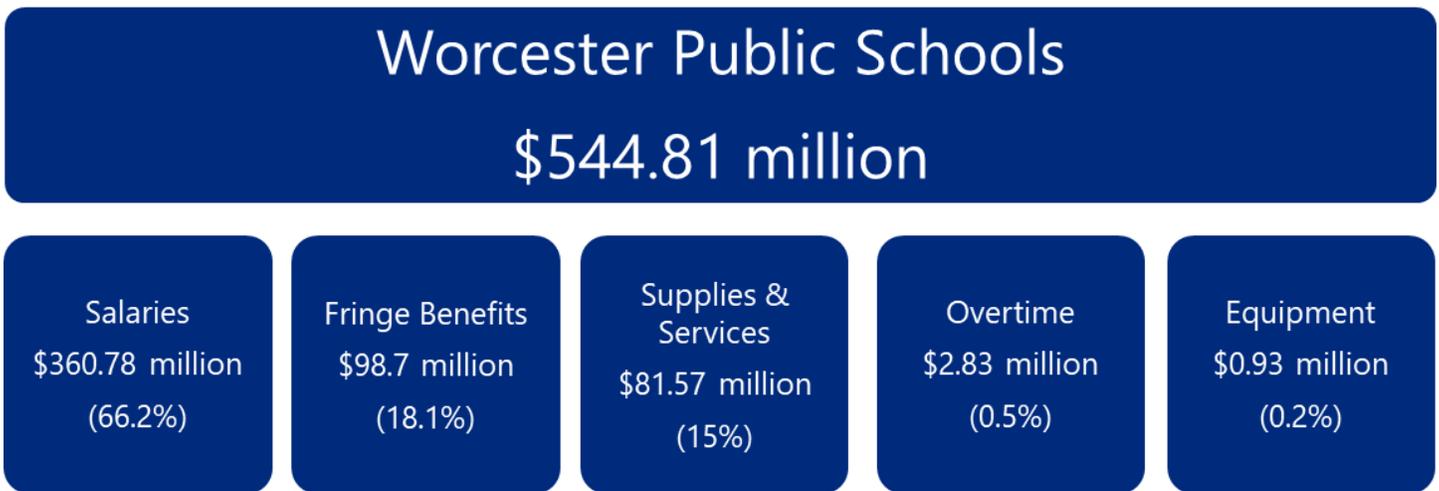


Worcester Public School’s Budget

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, received a substantial funding increase for public schools.

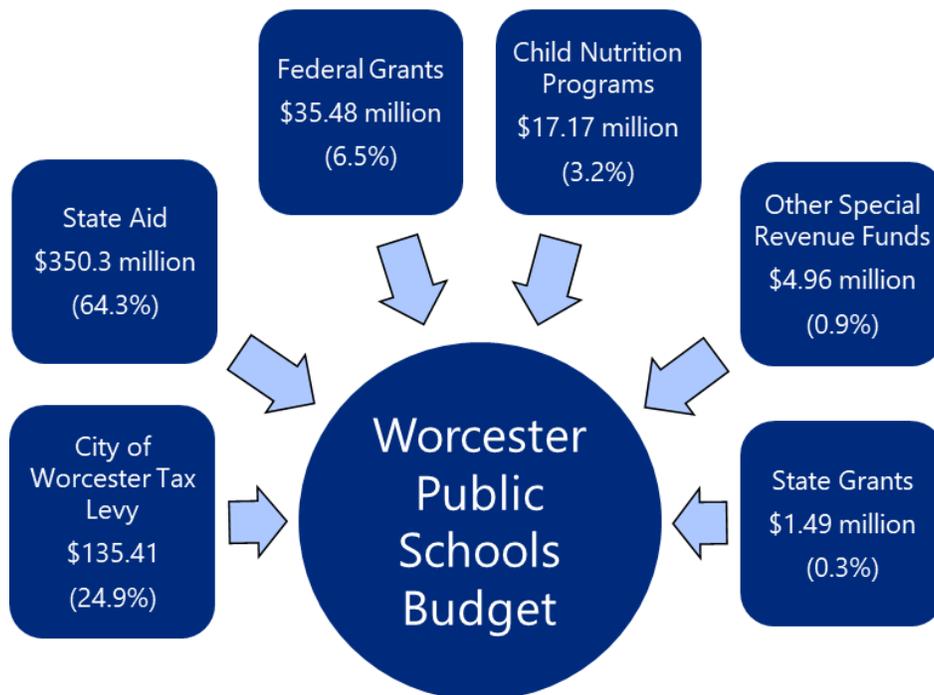
The Worcester Public Schools allocation within the City budget is augmented by available Federal, State, and other outside grants.

WORCESTER: BUDGETED EXPENDITURES, FY25



Source: Worcester Public Schools FY25 Budget

WORCESTER: BUDGETED REVENUES, FY25



Source: Worcester Public Schools FY25 Budget



Worcester: Budgeted Employee Counts, FY25	
Positions	# of Budgeted
Legislative Offices	
City Council	14
Mayor's Office	2
City Clerk	12
Election Commission	9
Auditing	9
City Manager's Office	
City Manager's Office	15
Elder Affairs	12
Public Library	95
Cable Services	5
Dept. of Economic Development	
Economic Development	46
MassHire Central Region Workforce Board	10
MassHire Central Career Center	35
Diversity, Equity, and Inclusion	
	9
Sustainability and Resilience	
	10
Public Facilities	
	26
Health and Human Services	
	24
Public Health	
	28
Human Resources	
	25
Law Department	
	19
Police Department	
	535
Fire Department	
	457
Emergency Communications	
	72
Dept. of Inspectional Services	
	74
Worcester Public Schools	
	5060
Public Works and Parks	
Golf	3
Public Works	178
Parks, Recreation, and Hope Cemetery	65
Enterprise: Sewer Division	68
Enterprise: Water Division	128
Transportation and Mobility	
	26
Administration & Finance	
	12
Treasury	
	27
Purchasing	
	5
Assessing	
	10
Innovation and Technology	
	34
TOTAL: CITY ONLY	2,094
TOTAL: CITY & WPS	7,154

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 7,457 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.

WPS: Budgeted Employee Counts, FY25	
Positions	# of Budgeted
District Administrators	41
School Administrators	103
Teachers	2540
Paraeducators	701
Teacher Substitutes	35
Crossing Guards	110
Educational Support	91
Custodial Services	164
Maintenance Services	30
Full Year Clerical	68
School Year Clerical	69
School Nurses	116
District Support	98
Student Transportation	397
Child Nutrition	331
Head Start	166
TOTAL: WPS ONLY	5,060

Source: City of Worcester, FY25 Budget; Worcester Public Schools FY25 Budget



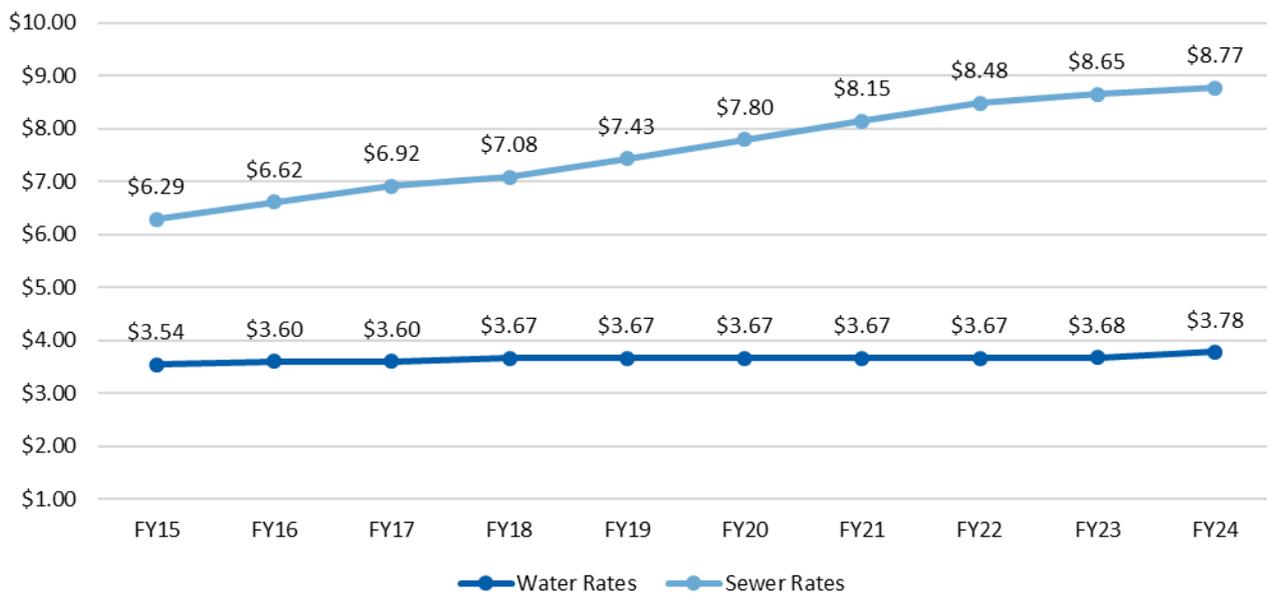
Worcester: Parks and Recreation, 2023	
Parks	61
Dog Parks	3
Playgrounds	37
Fields for Sports	67
Swimming Beach, Pool, Spray Parks	7
Total Park Acreage	1391.21
% of Total Acreage in City	5.82%
State Parks	2
State Pools and Beaches	4

Source: City of Worcester Department of Public Works & Parks

Worcester: Public Library System, 2023	
# of Independent Branches	3
# of School-Based Branches	4
# of Mobile Libraries	2
Print Holdings (including periodicals)	650,550
Total Circulation	645,911
Total eCirculation	210,098
Total Number of Visits During Public Hours	442,720
Total Number of Students at School based branches during class time	55,286

Source: Worcester Public Library

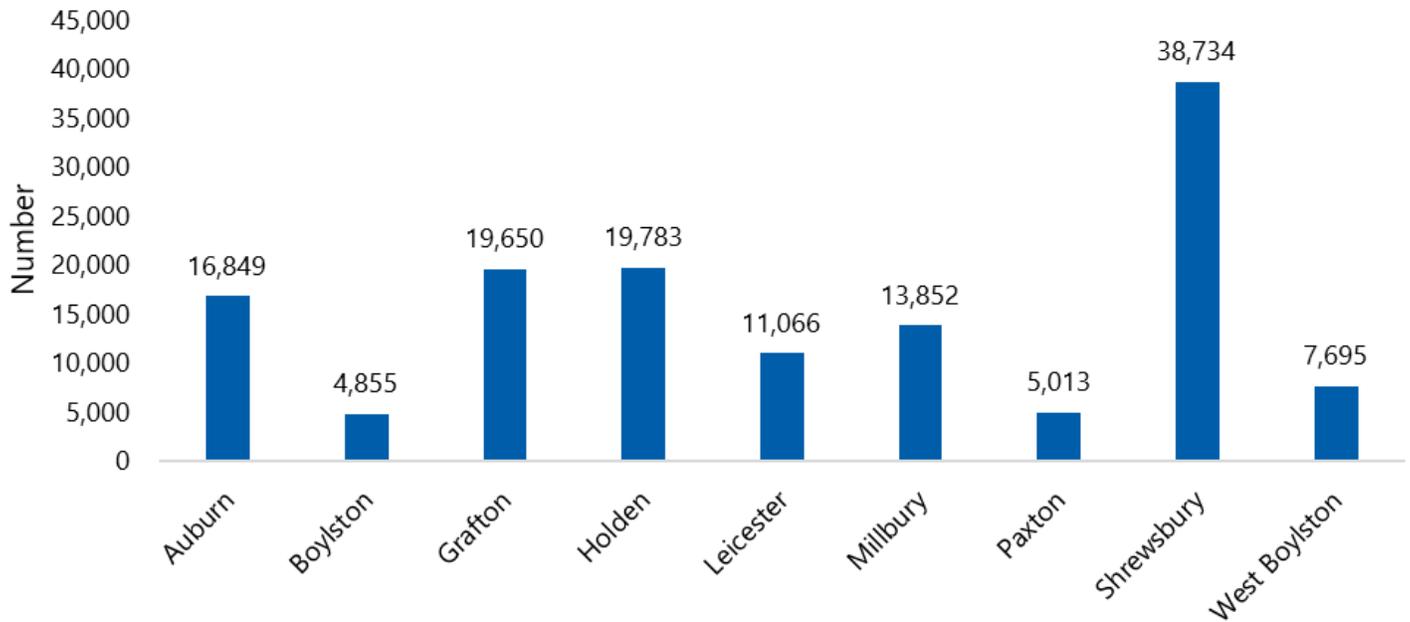
WORCESTER: WATER AND SEWER RATES, FY15-FY24



Source: City of Worcester Water and Sewer Operations.
 *Rates are per 100 cubic feet of usage. Sewerage use is based on 80% of water usage.

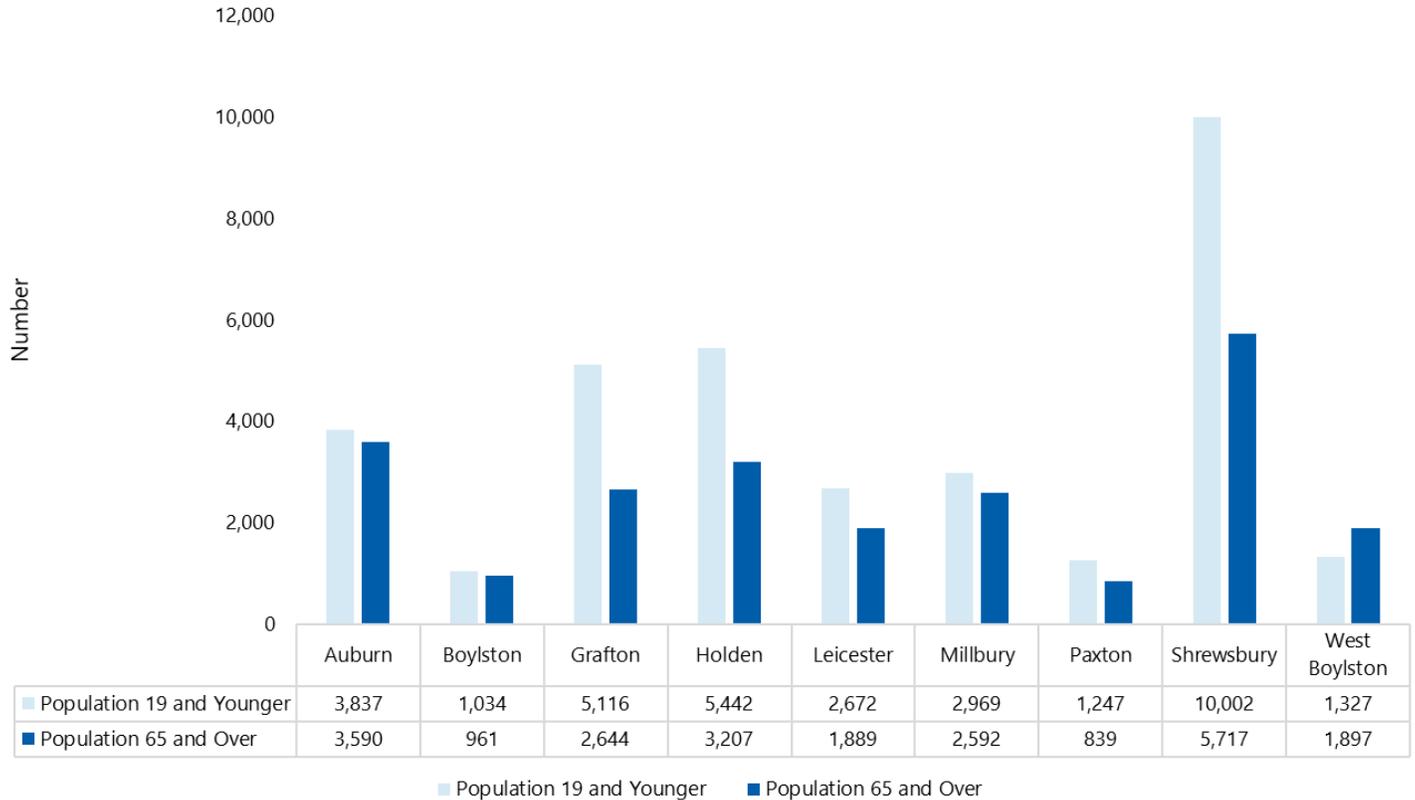


GREATER WORCESTER: POPULATION, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

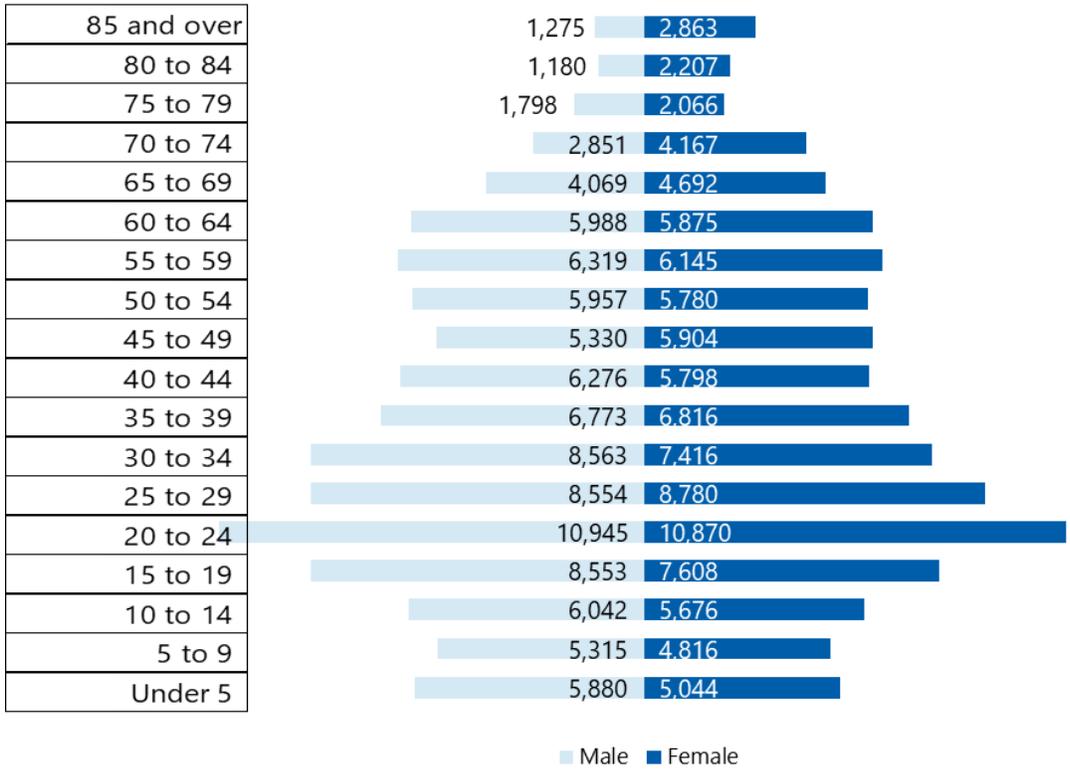
GREATER WORCESTER: POPULATION 19 YEARS OR UNDER & POPULATION 65 YEARS OR OVER, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

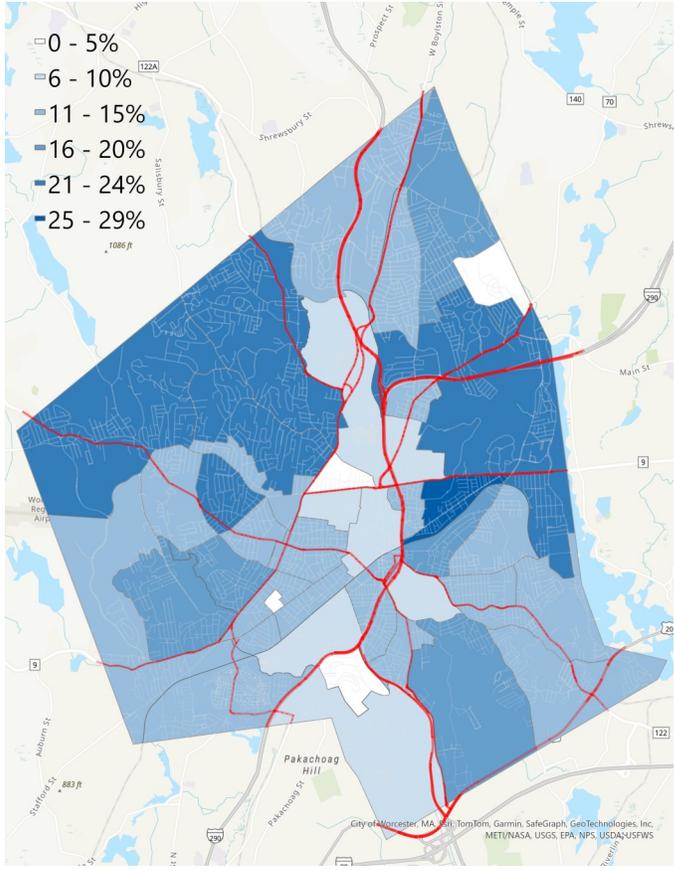


WORCESTER: POPULATION BY AGE & SEX, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

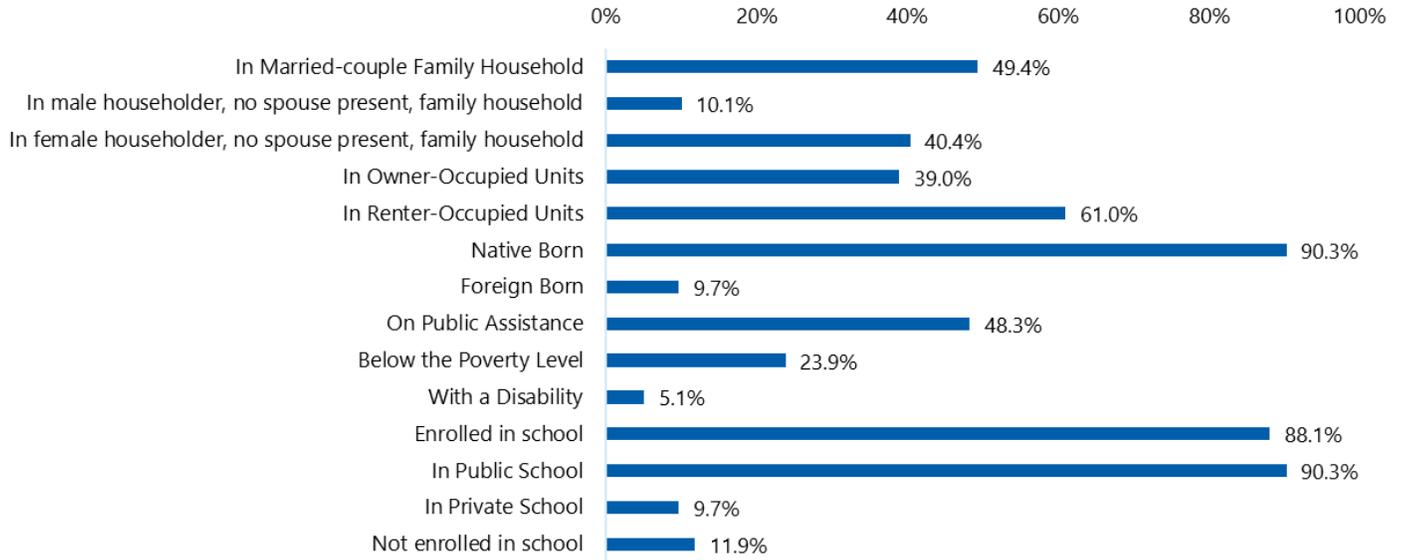
WORCESTER: PERCENT 65 YEARS OF AGE OR OVER, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

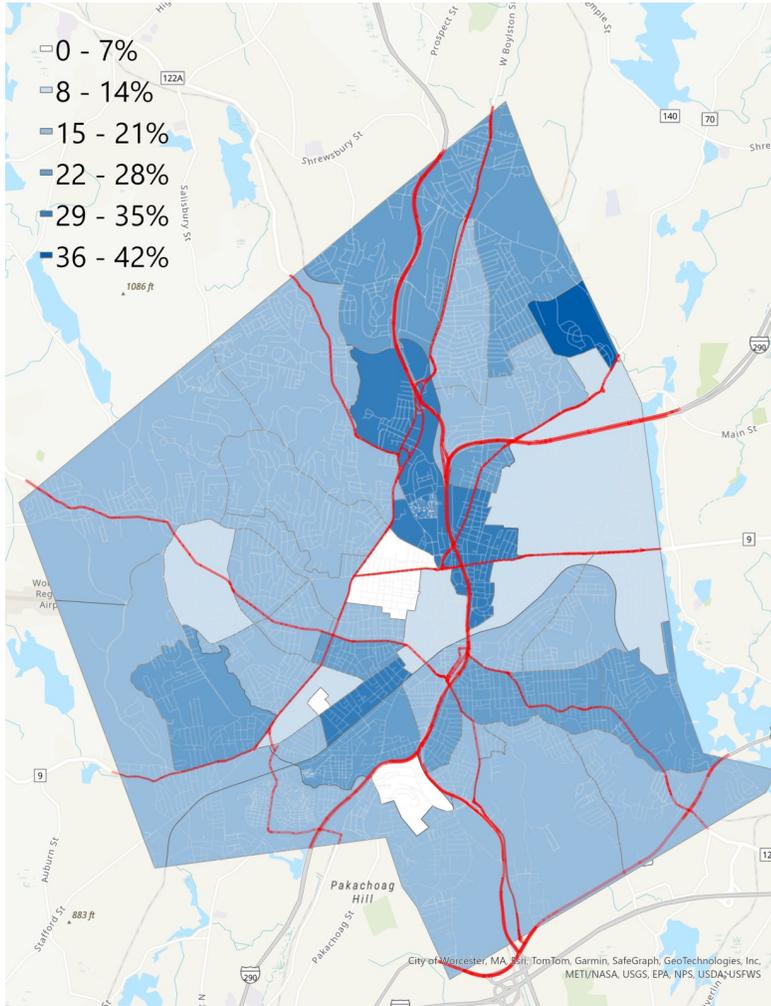


WORCESTER: CHARACTERISTICS OF THE UNDER-18 POPULATION BY PERCENT, 2022



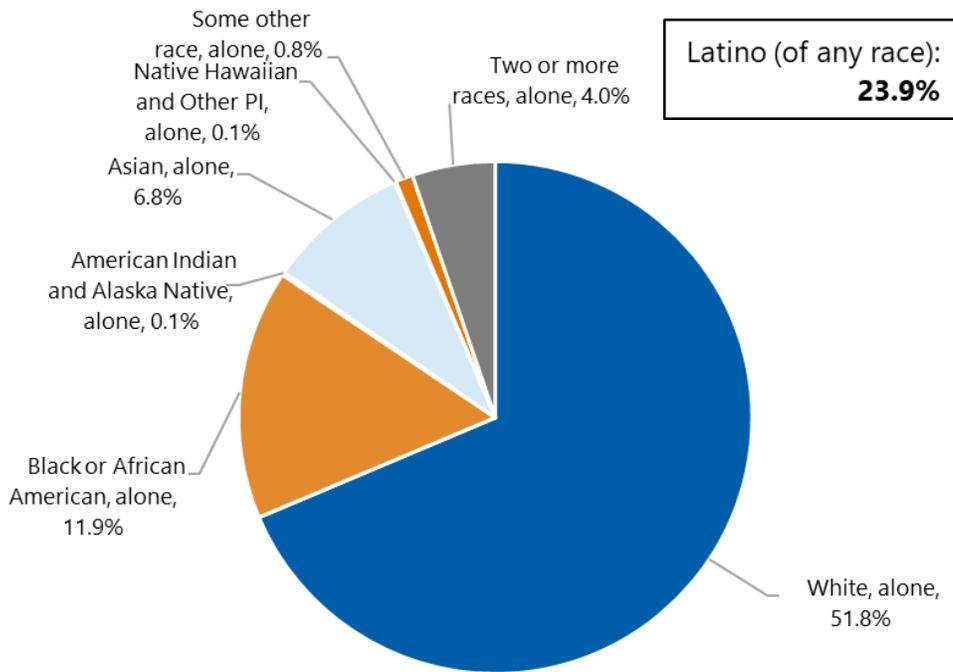
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: POPULATION PERCENT UNDER 18, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

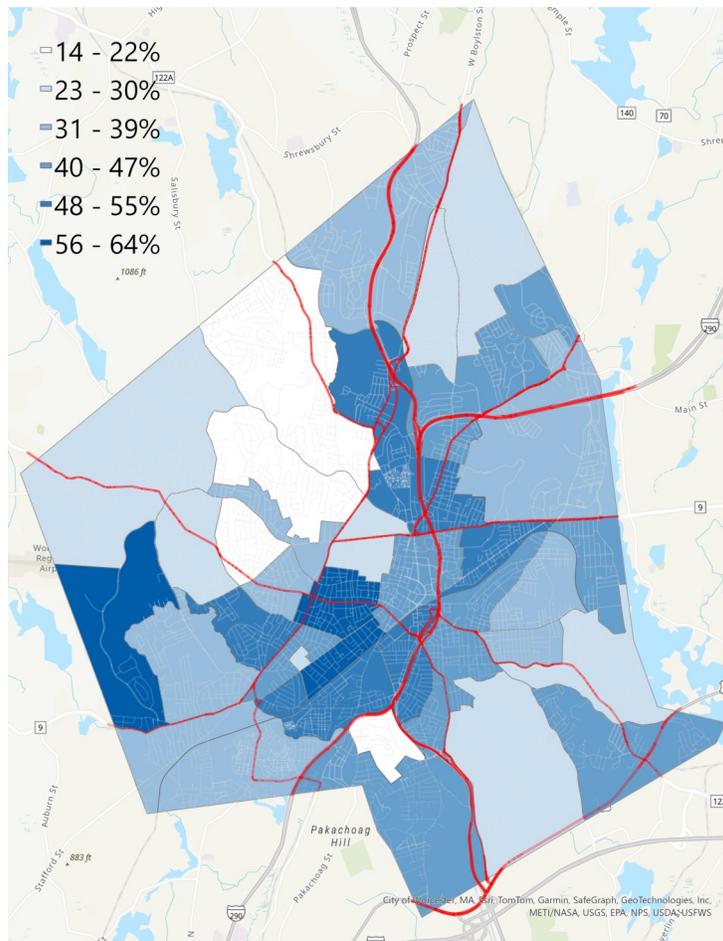
WORCESTER: POPULATION BY RACE & ETHNICITY, 2022



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: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

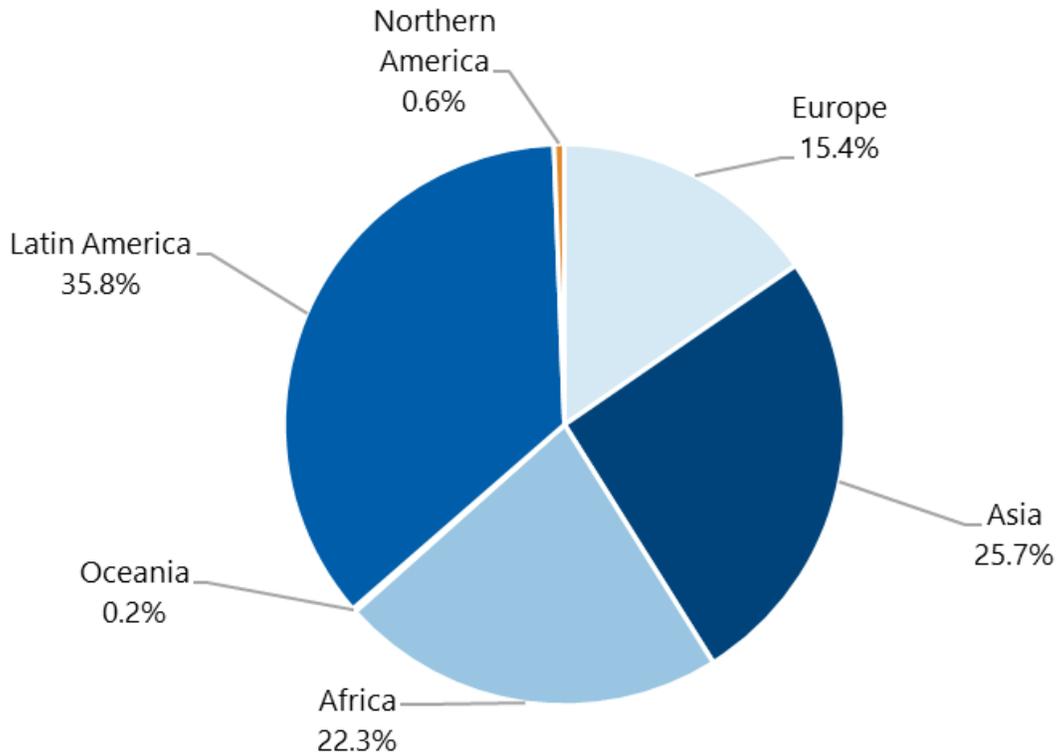
WORCESTER: PERCENT NON-WHITE POPULATION, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



WORCESTER: REGION OF ORIGIN OF FOREIGN BORN RESIDENTS, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Worcester: Foreign Born Residents, 2022		
Total Foreign Born	Foreign Born Naturalized Citizen	Foreign Born Not US Citizen
47,668	24,978	22,690
	52.4%	47.6%

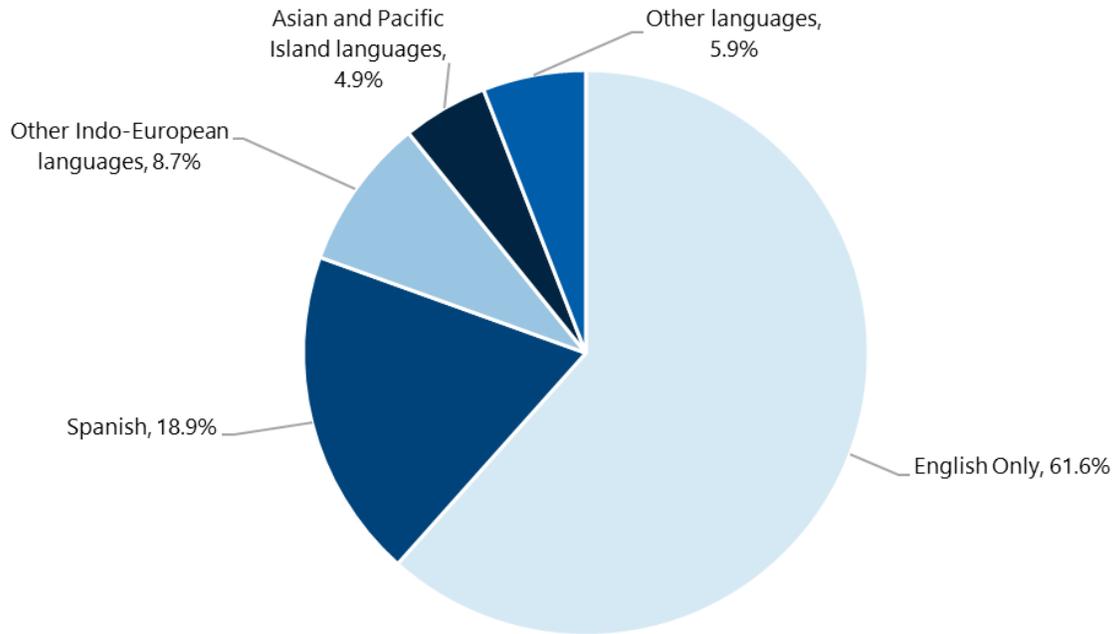
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Worcester: Place of Birth for Foreign-Born Population, 2022	
Total foreign-born population	44,641
Ghana	5,714
Vietnam	4,694
Dominican Republic	3,899
Brazil	2,686
Albania	2,529
China, excluding Hong Kong and Taiwan	2,099
El Salvador	1,867
Iraq	1,442
Poland	1,221
Jamaica	965

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

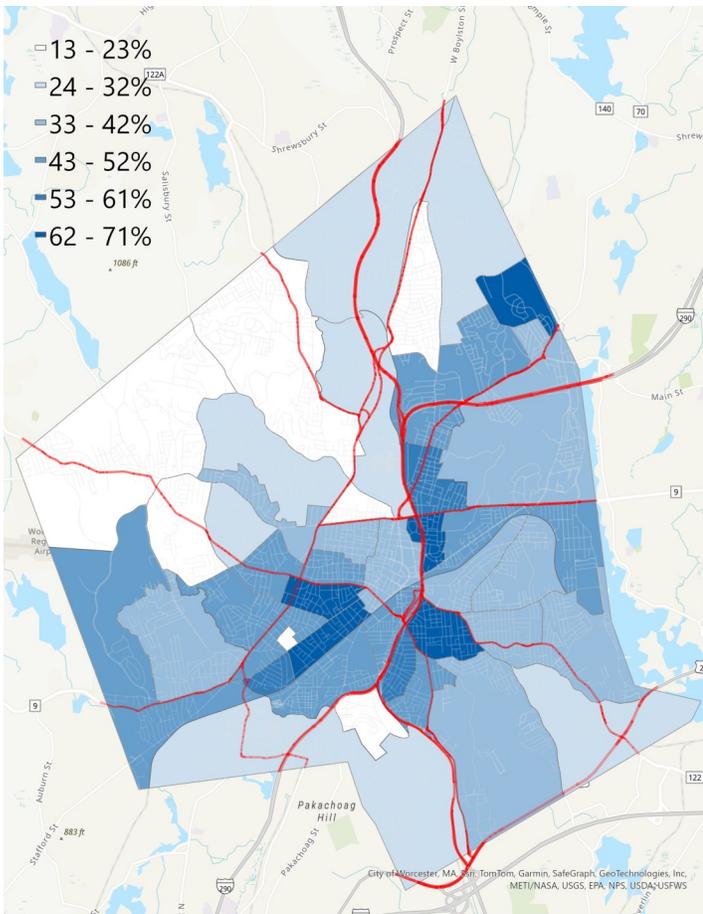


WORCESTER: LANGUAGE SPOKEN AT HOME, 2022



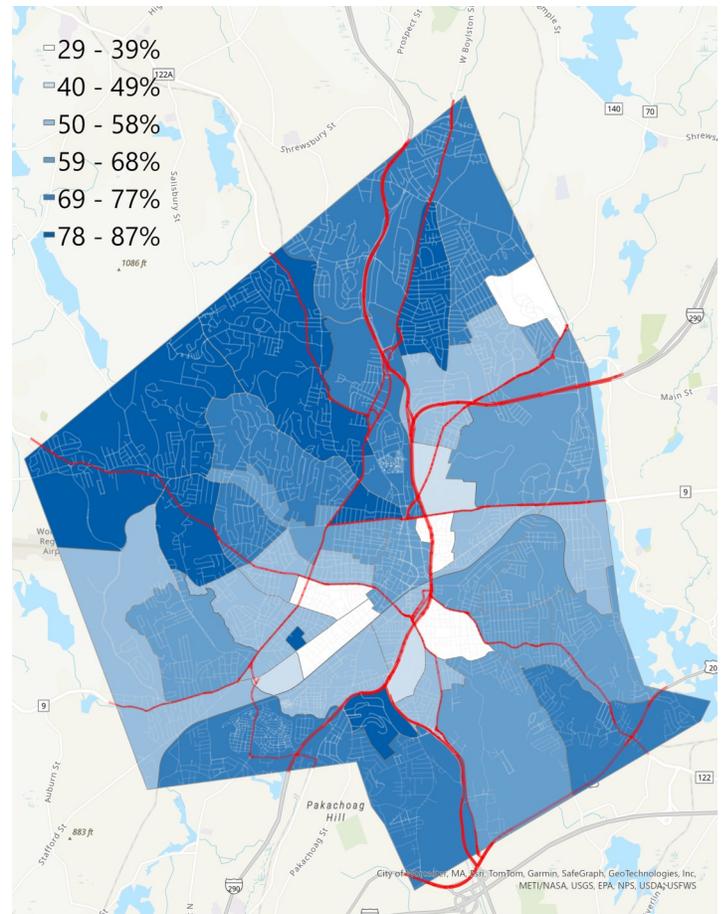
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: PERCENT THAT SPEAK ANOTHER LANGUAGE, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey

WORCESTER: PERCENT THAT SPEAK ONLY ENGLISH, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey



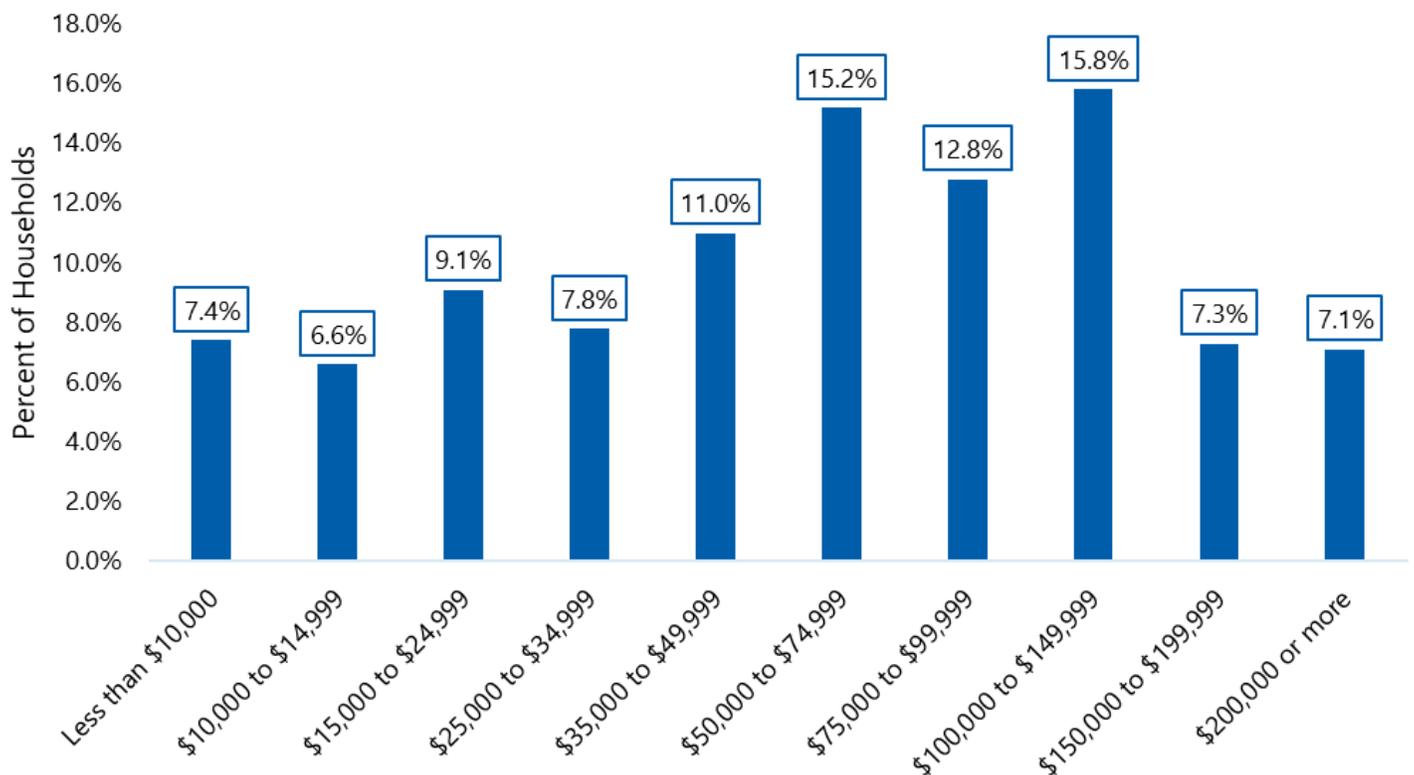
Worcester: Households, 2022	
Total # of Households	78,977
Total # of Families	44,118
Households with Children under 18	20,130
Average Household Size	2.41
Average Family Size	3.11
Owner-occupied	42.1%
Renter-Occupied	57.9%
Median Household Income	\$63,011

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

“Median Household Income” indicates that there are 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 \$63,011, the median household income of Massachusetts is \$96,505, and the median household income of the United States is \$74,755.

“Mean Household Income” indicates the average household income.

WORCESTER: HOUSEHOLD INCOME, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



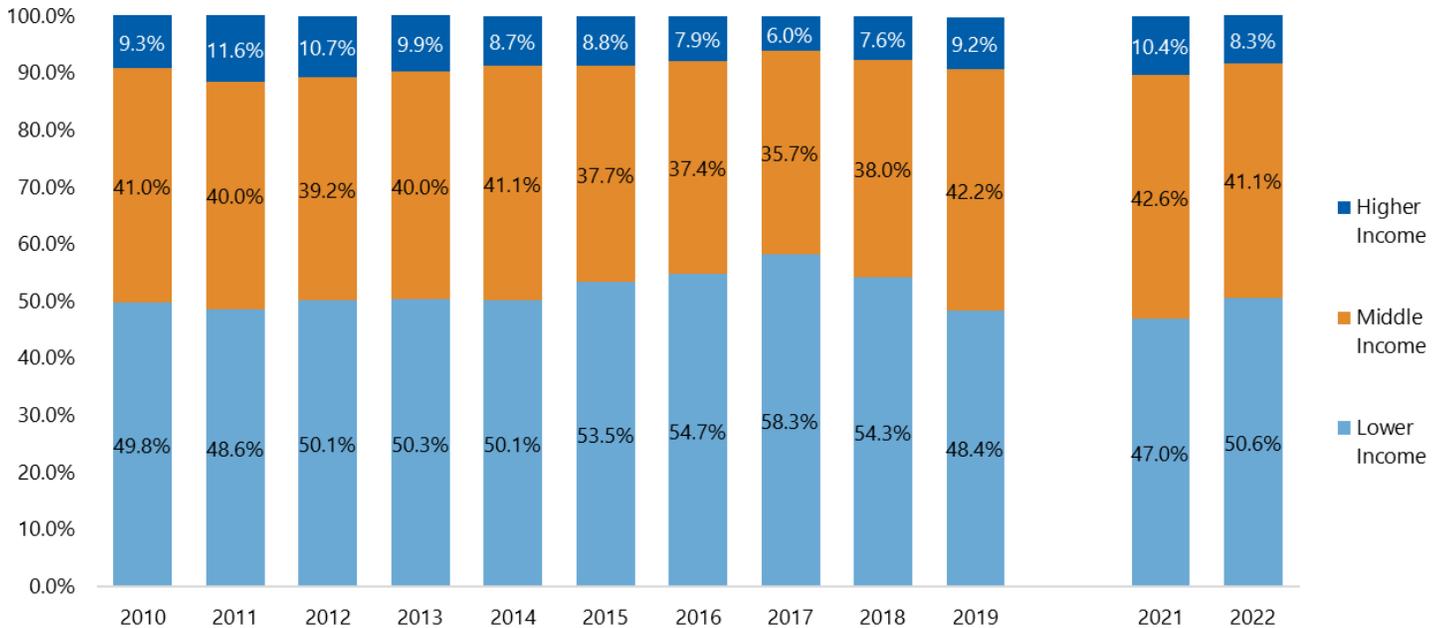
Worcester’s Middle Income*

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 \$89,026, a middle-class household income would range from \$59,647 to \$178,052. 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 estimates these categories by proportionally interpolating the values of existing ranges provided by the Census to approximate The Pew Research Center’s definition of middle income for Worcester. In 2022, approximately 41.1% of Worcester households were in the middle-income range, 50.6% of Worcester households were in the lower-income range, and 8.3% of Worcester households were in the upper-income range.

Income Ranges

Lower Income: \$0—\$63,306 Middle Income: \$63,307-\$188,976 Higher Income: \$188,977+

WORCESTER: PERCENT OF HOUSEHOLDS BY INCOME LEVEL, 2022



Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates

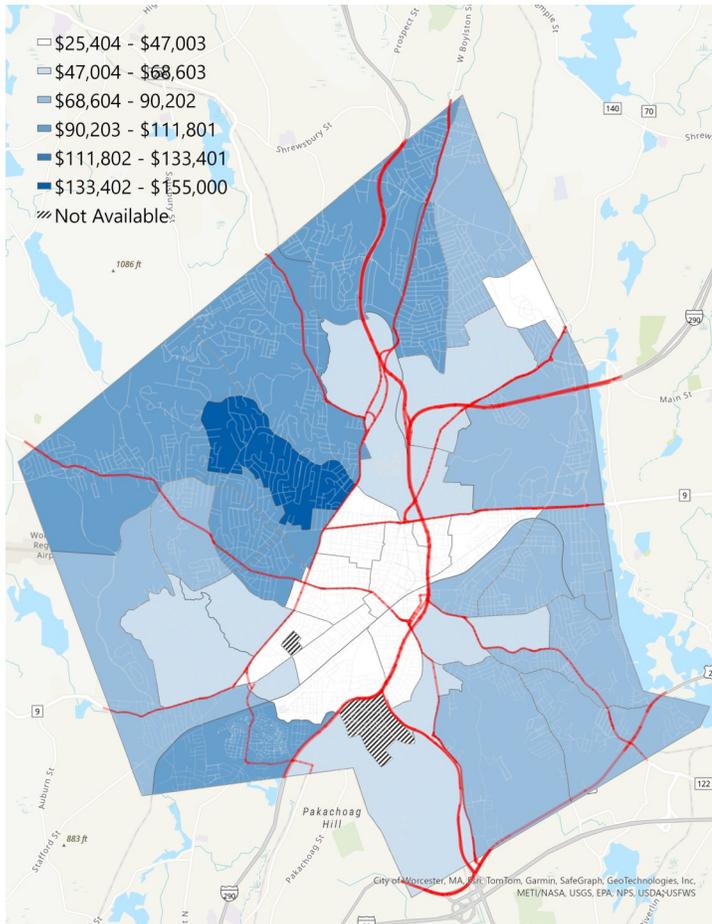
*According to Pew Research Center:

“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.

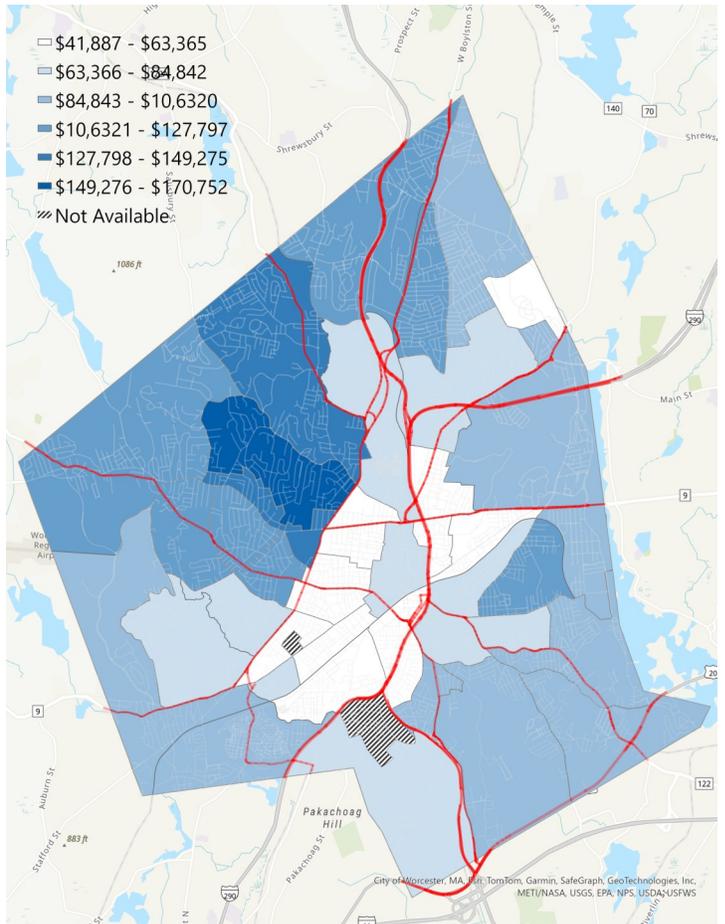


WORCESTER: HOUSEHOLD MEDIAN INCOME, 2022



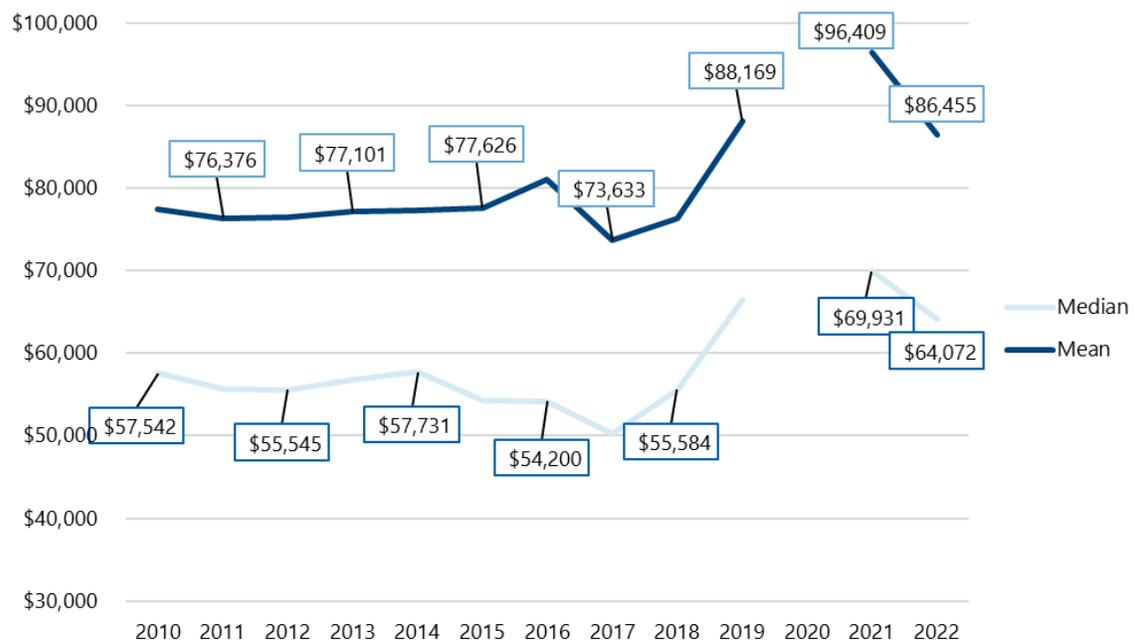
Source: U.S. Census Bureau, 2022 5-Year American Community Survey

WORCESTER: HOUSEHOLD MEAN INCOME, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey

WORCESTER: MEAN & MEDIAN HOUSEHOLD INCOME (INFLATION-ADJUSTED 2022), 2010-2022



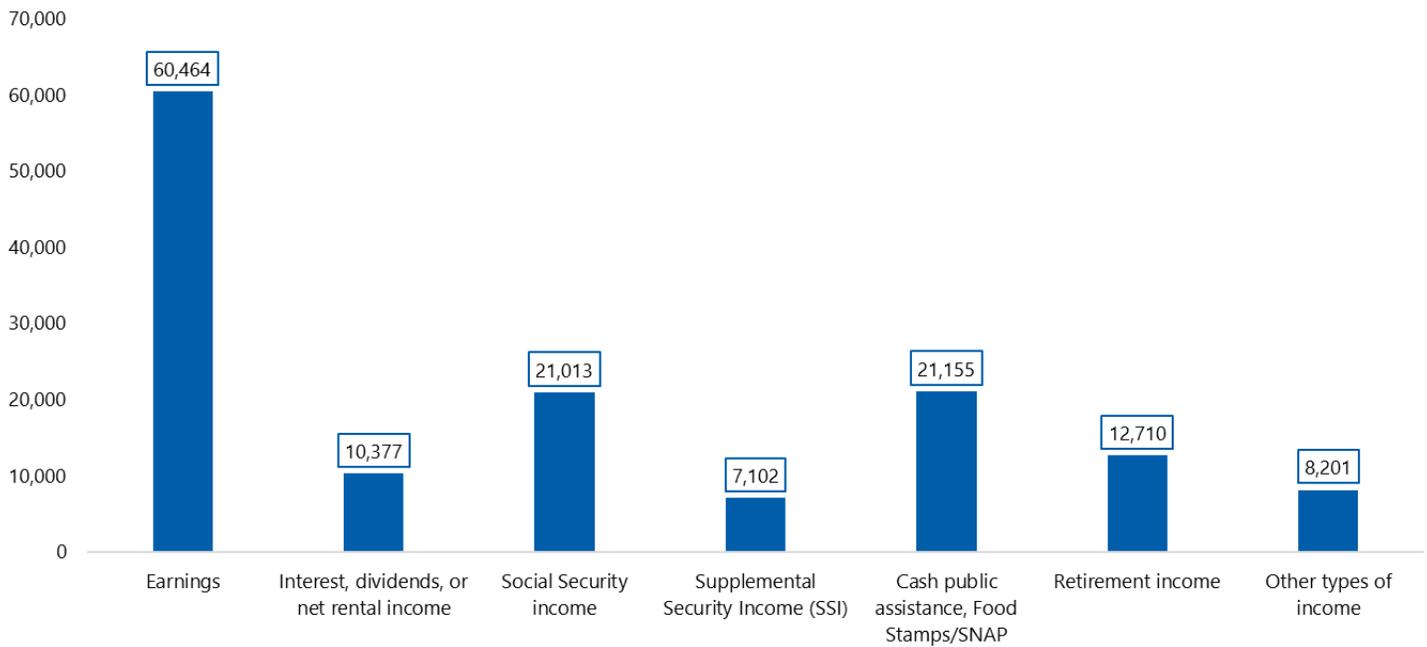
Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates



Worcester: Income by Quintile, 2022		
	Mean household income	Shares of Aggregate Household Income
Lowest Quintile	\$10,897	3.1%
Second Quintile	\$33,967	9.7%
Third Quintile	\$63,041	17.9%
Fourth Quintile	\$101,767	28.9%
Highest Quintile	\$211,947	60.2%
Top 5 Percent	\$351,931	100.0%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: NUMBER OF HOUSEHOLDS PER HOUSEHOLD INCOME SOURCE, 2022



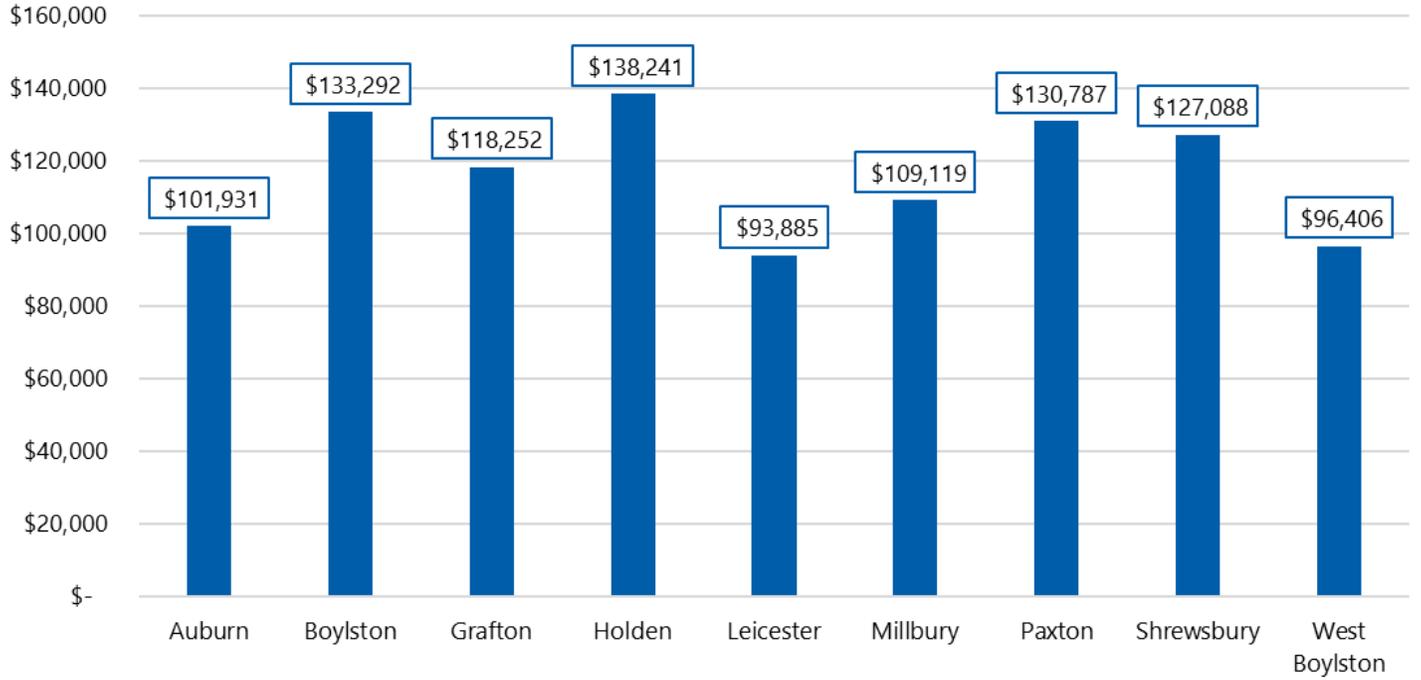
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Household Mean & Median Income Comparison	Worcester	Massachusetts	United States
Household Median Income (dollars)	\$63,011	\$96,505	\$74,755
Household Mean Income (dollars)	\$84,324	\$134,568	\$105,555

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

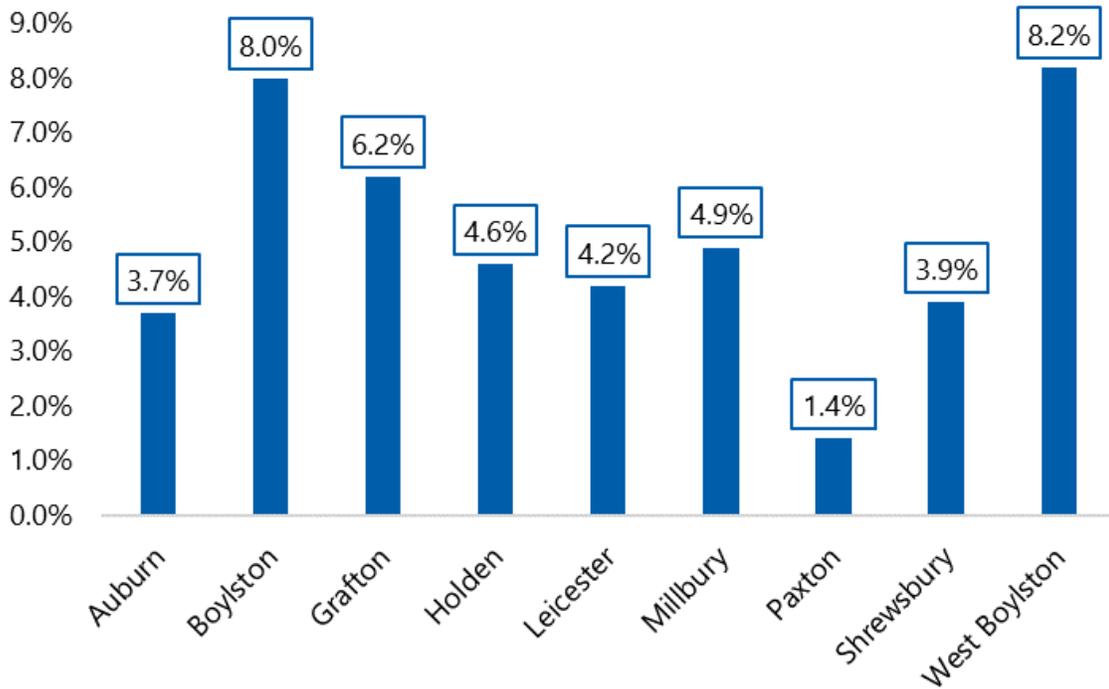


GREATER WORCESTER: MEDIAN HOUSEHOLD INCOME, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

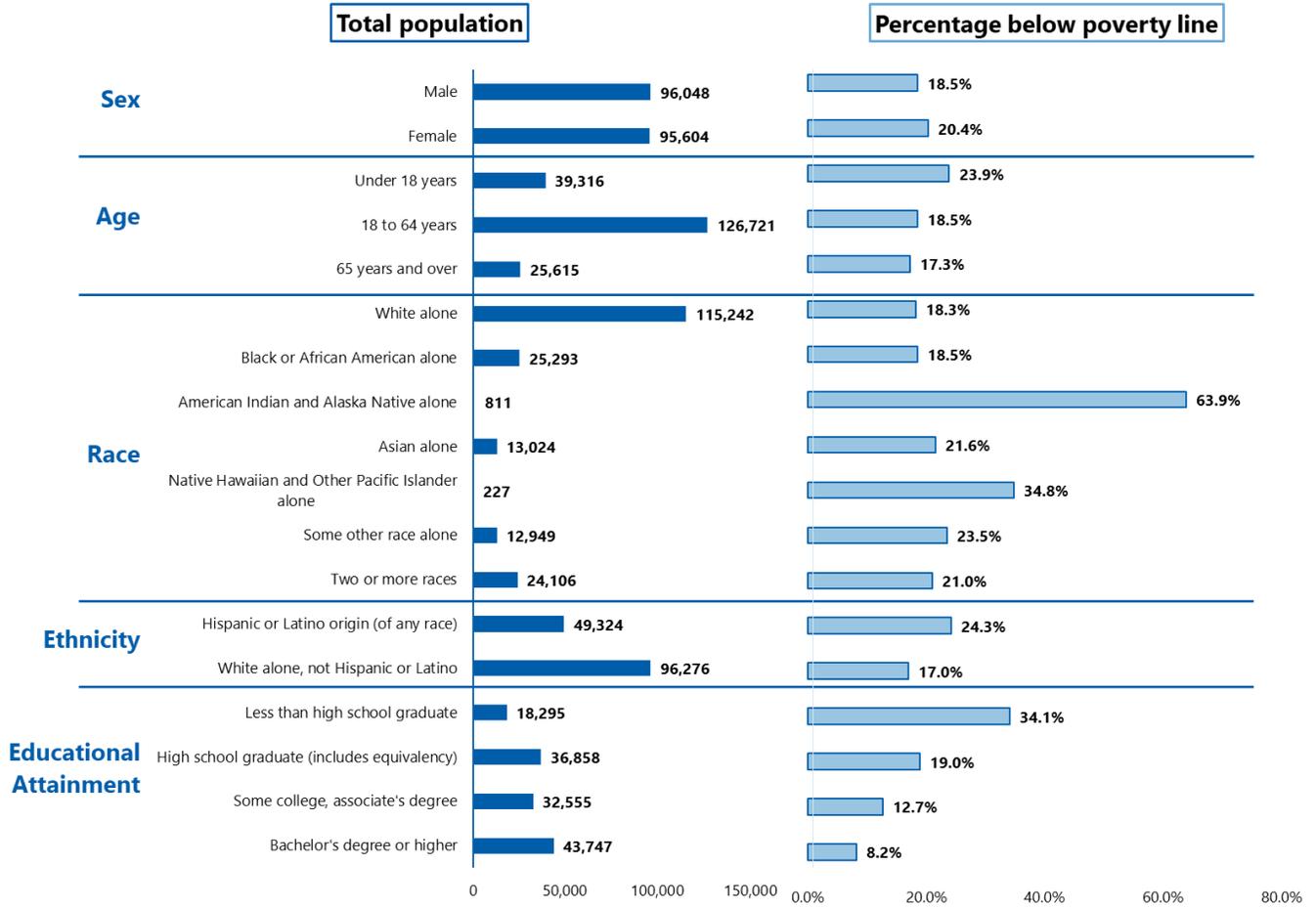
GREATER WORCESTER: PERCENT OF PEOPLE IN POVERTY, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

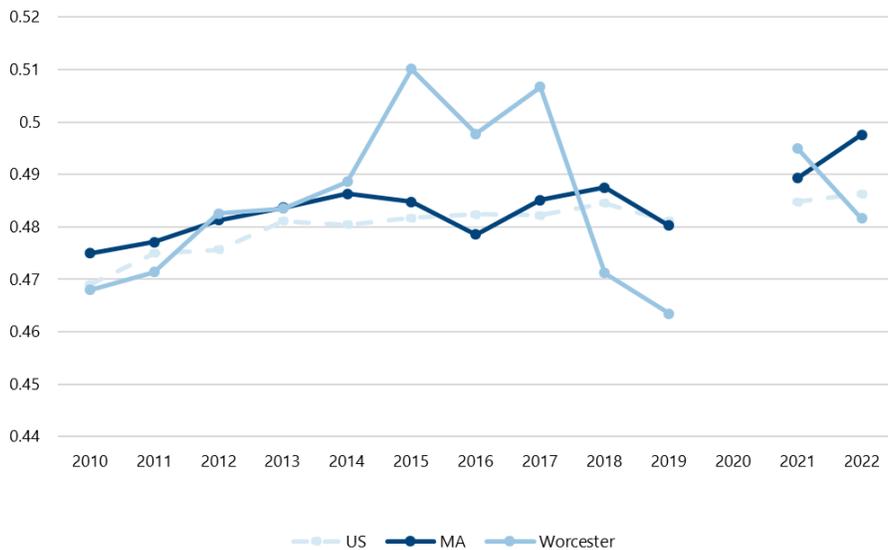


WORCESTER: POVERTY BY SELECTED CHARACTERISTICS, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: GINI INDEX OF INCOME INEQUALITY, 2010-2022



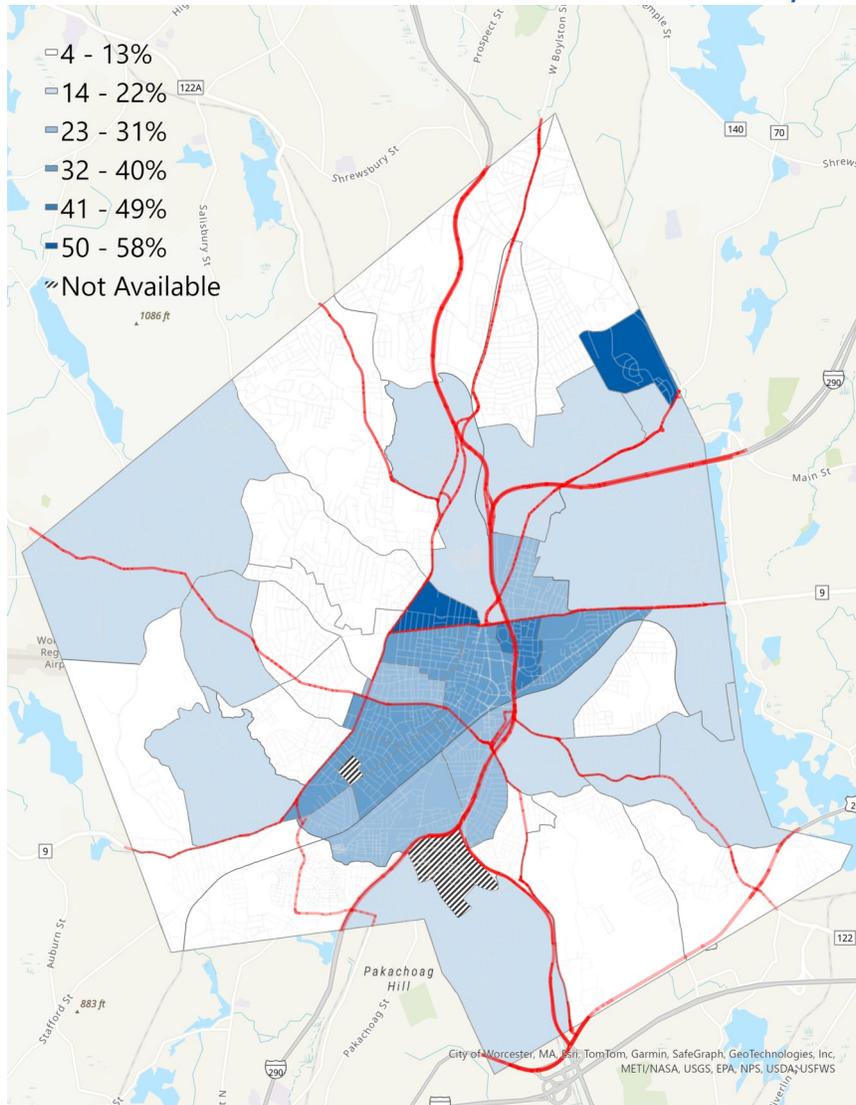
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Gini Coefficient

The Gini Coefficient is a measure of inequality whose values range from 0 to 1, with 0 representing perfect equality and 1 representing perfect inequality

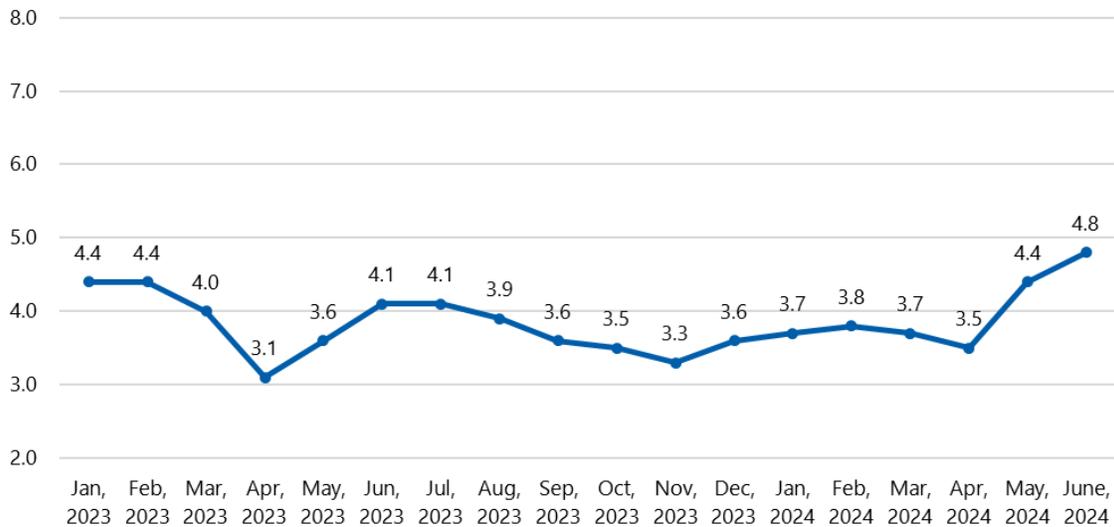


WORCESTER: PERCENT OF RESIDENTS BELOW POVERTY LEVEL, 2022



Source: U.S. Census Bureau, 2021 5-Year American Community Survey Estimates

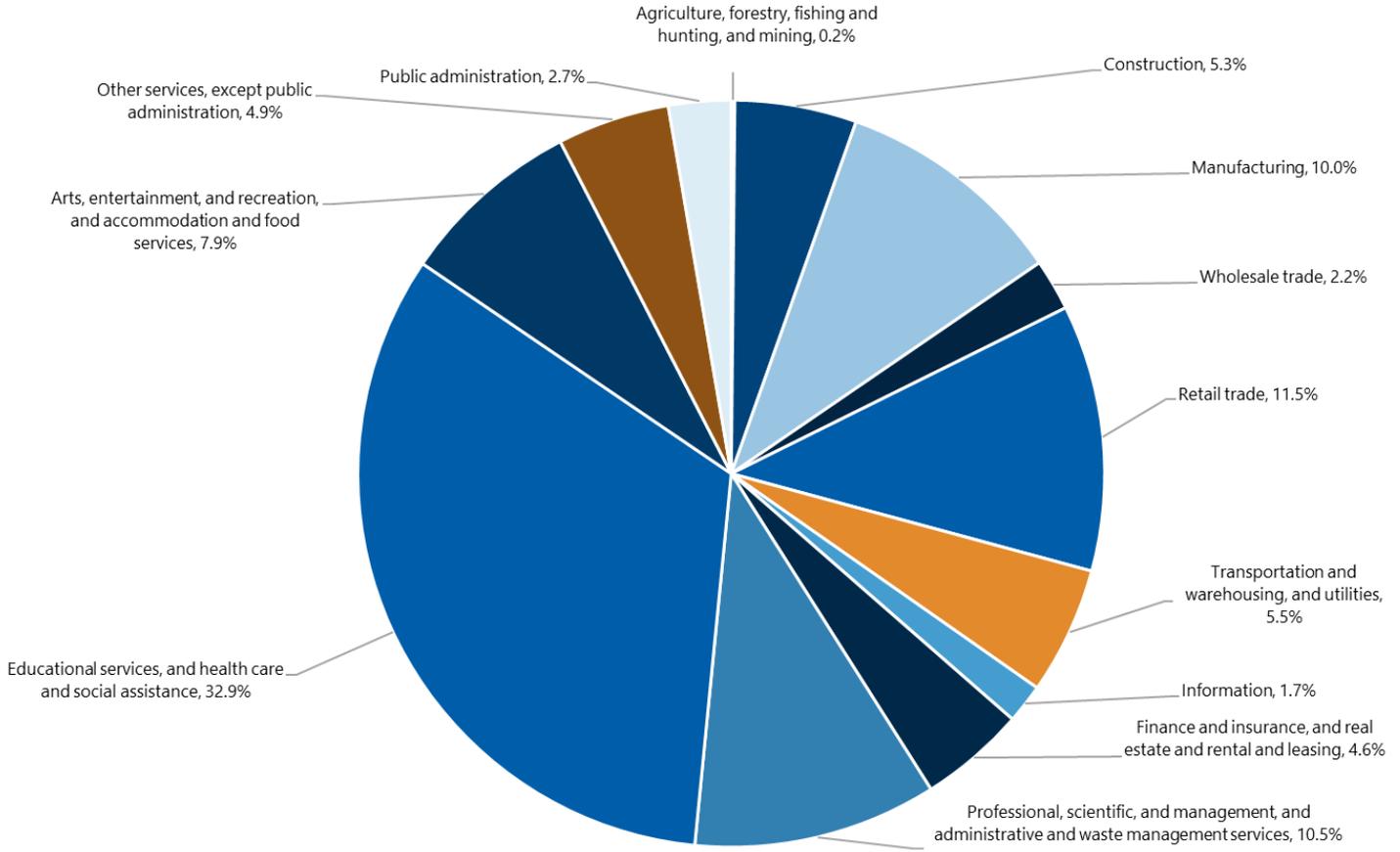
WORCESTER: UNEMPLOYMENT RATE, 2022



Source: Bureau of Labor Statistics

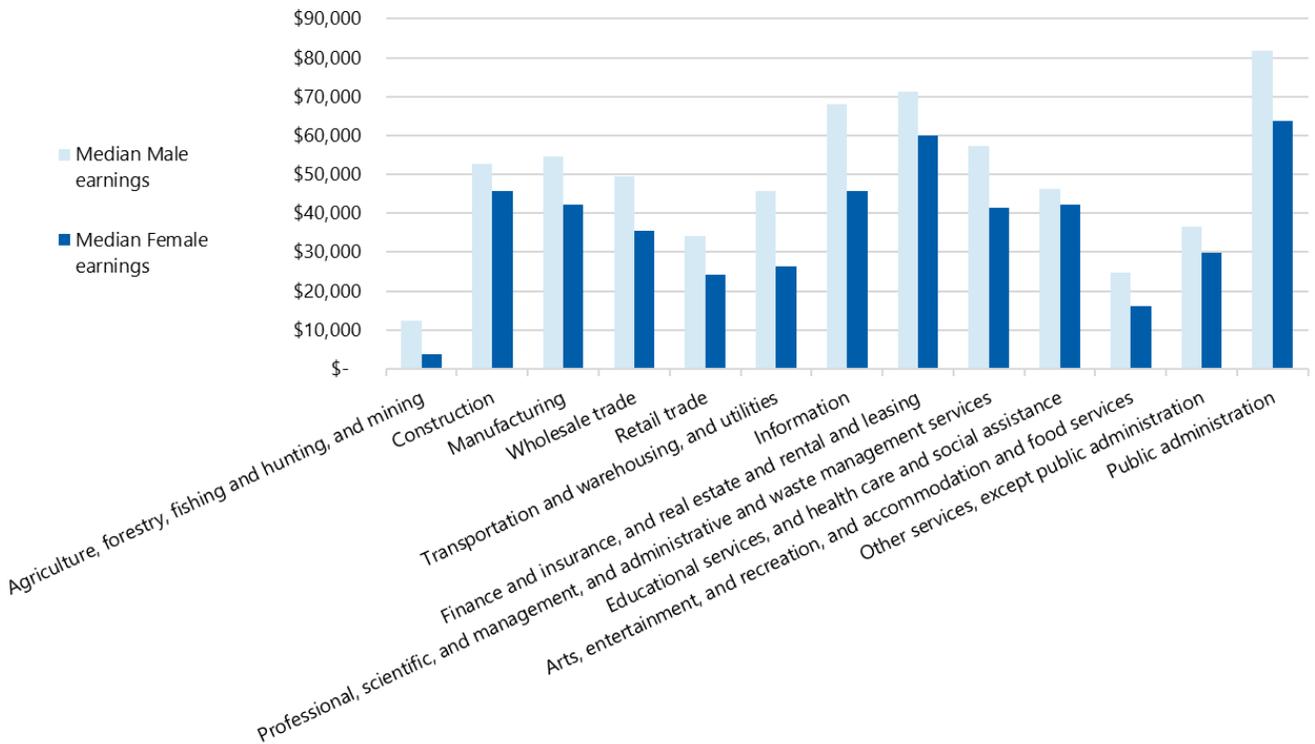


WORCESTER: EMPLOYMENT BY INDUSTRY, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: MEDIAN EARNINGS PER INDUSTRY BY GENDER, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



Worcester: Employment & Earnings by Industry, 2022								
	Total	Industry percent	Male percent	Female percent	Median earnings	Median Male earnings	Median Female earnings	Female Earnings as a Percent of Male
Agriculture, forestry, fishing and hunting, and mining	153	0.2%	56.2	43.8	\$11,469	\$12,375	\$3,606	29.1%
Construction	5,324	5.3%	95.6	4.4	\$52,334	\$52,726	\$45,839	86.9%
Manufacturing	10,100	10.0%	73.6	26.4	\$51,045	\$54,586	\$42,261	77.4%
Wholesale trade	2,241	2.2%	47.2	52.8	\$43,055	\$49,456	\$35,529	71.8%
Retail trade	11,623	11.5%	55.7	44.3	\$30,789	\$34,141	\$24,298	71.2%
Transportation and warehousing, and utilities	5,567	5.5%	75.8	24.2	\$41,873	\$45,827	\$26,344	57.5%
Information	1,716	1.7%	61.5	38.5	\$59,676	\$68,034	\$45,673	67.1%
Finance and insurance, and real estate and rental and leasing	4,634	4.6%	45.5	54.5	\$66,285	\$71,230	\$59,985	84.2%
Professional, scientific, and management, and administrative and waste management services	10,630	10.5%	64.3	35.7	\$51,048	\$57,329	\$41,347	72.1%
Educational services, and health care and social assistance	33,220	32.9%	33	67	\$43,882	\$46,350	\$42,134	90.9%
Arts, entertainment, and recreation, and accommodation and food services	7,989	7.9%	47.5	52.5	\$21,034	\$24,664	\$16,077	65.2%
Other services, except public administration	4,907	4.9%	39.2	60.8	\$31,824	\$36,538	\$29,879	81.8%
Public administration	2,725	2.7%	59.7	40.3	\$76,393	\$81,724	\$63,830	78.1%
Civilian employed population 16 years and over	100,829	100.0%	52.2	47.8	\$43,304	\$47,691	\$38,157	80.0%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

	Mean usual hours worked for workers, 2022	Median age of workers 16 to 64 years, 2022
Total	39.6	39.6
Male	41.5	39.7
Female	36.9	39.5

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

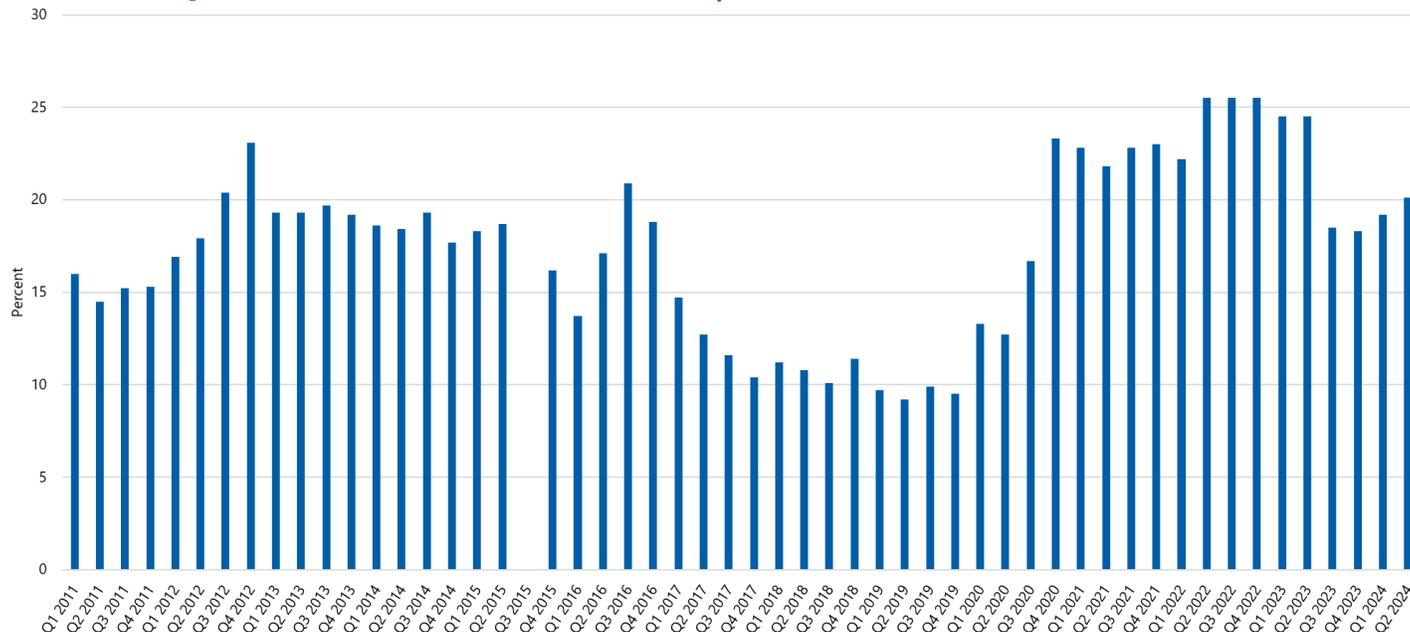


Worcester: Office and R&D Space

	2023				2024	
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	First Quarter	Second Quarter
Square Feet (SF) Supply	1,988,183	1,988,183	1,774,183	1,734,183	1,734,183	1,734,183
Direct SF Available	387,048	386,512	327,860	317,860	323,896	340,124
Sublease SF Available	100,000	100,000	-	-	8,860	8,860
Vacancy Rate%	24.50%	24.50%	18.50%	18.30%	19.20%	20.10%
Current Net Absorption	19,466	536	136,440	10,000	-14,896	-16,228
YTD Net Absorption	19,466	20,002	156,442	166,442	-14,896	-31,124

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

WORCESTER: QUARTERLY OFFICE & R&D VACANCY RATE, 2011-2024



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

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.

**Colliers reported that the data starting in Q4 2020 reflects adjustments made to the select properties to better represent market conditions and the market as a whole. This should be considered when making historical comparisons going forward.

Worcester: Hotels, 2023	
	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
Homewood Suites	118
Hotel Worcester	96
Residence Inn by Marriott	129
Total Hotel Rooms	1,019

Worcester: Hotel Market, 2023	
Occupancy	73.80%
Average Daily Rate (ADR)	\$169.05
Revenue per Available Room	\$124.78

Worcester County: Hotel Market, 2023	
Occupancy	67.80%
Average Daily Rate (ADR)	\$145.70
Revenue per Available Room	\$98.79
Supply	2,267,327
Demand	1,537,274
Total Revenue	\$223,980,083

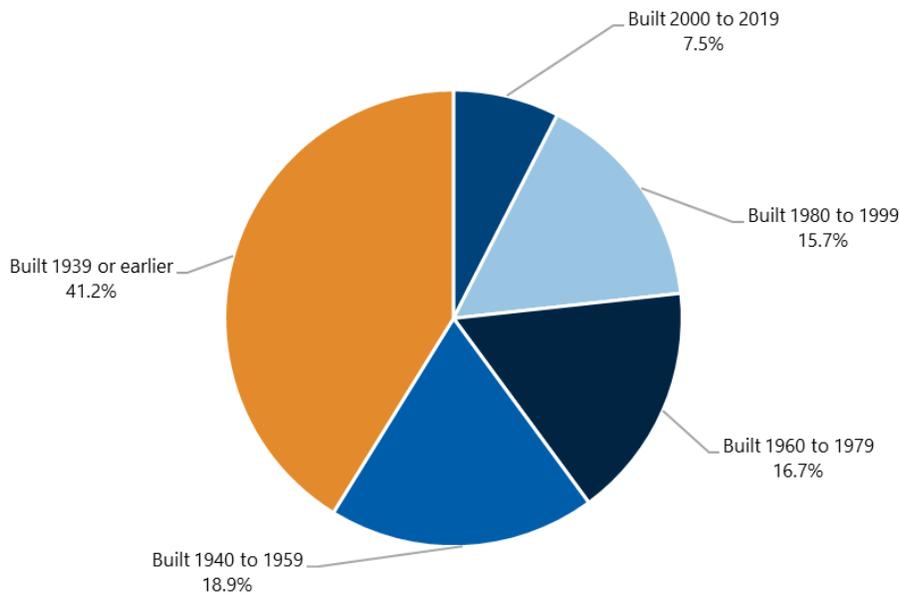
Source for all Hotel Data: Discover Central Massachusetts



Worcester: Housing Units, 2022		
Total Housing Units	84,771	
Occupied Housing Units	78,977	93.2%
Owner occupied	33,253	39.2%
Renter occupied	45,724	53.9%
Vacant Housing Units	5,794	6.8%
Housing Units in Multi-Unit Structures	52,020	61.4%
Homeowner vacancy rate	1.2	
Rental vacancy rate	2.9	

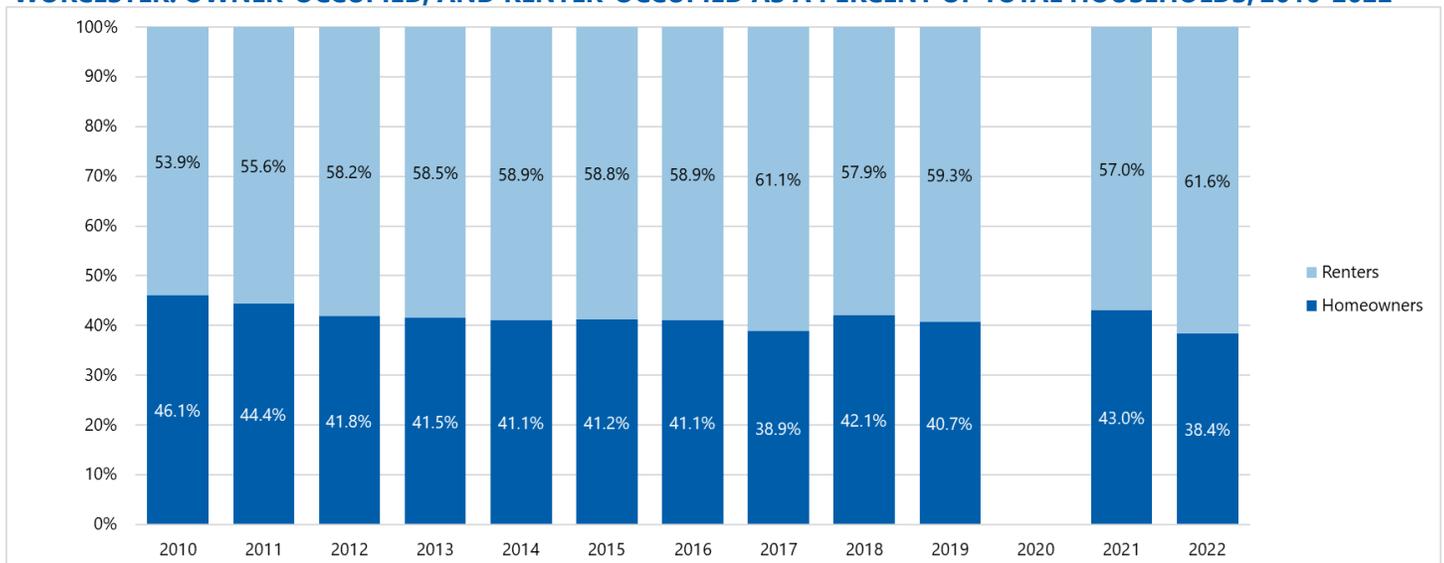
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: AGE OF HOUSING STOCK, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

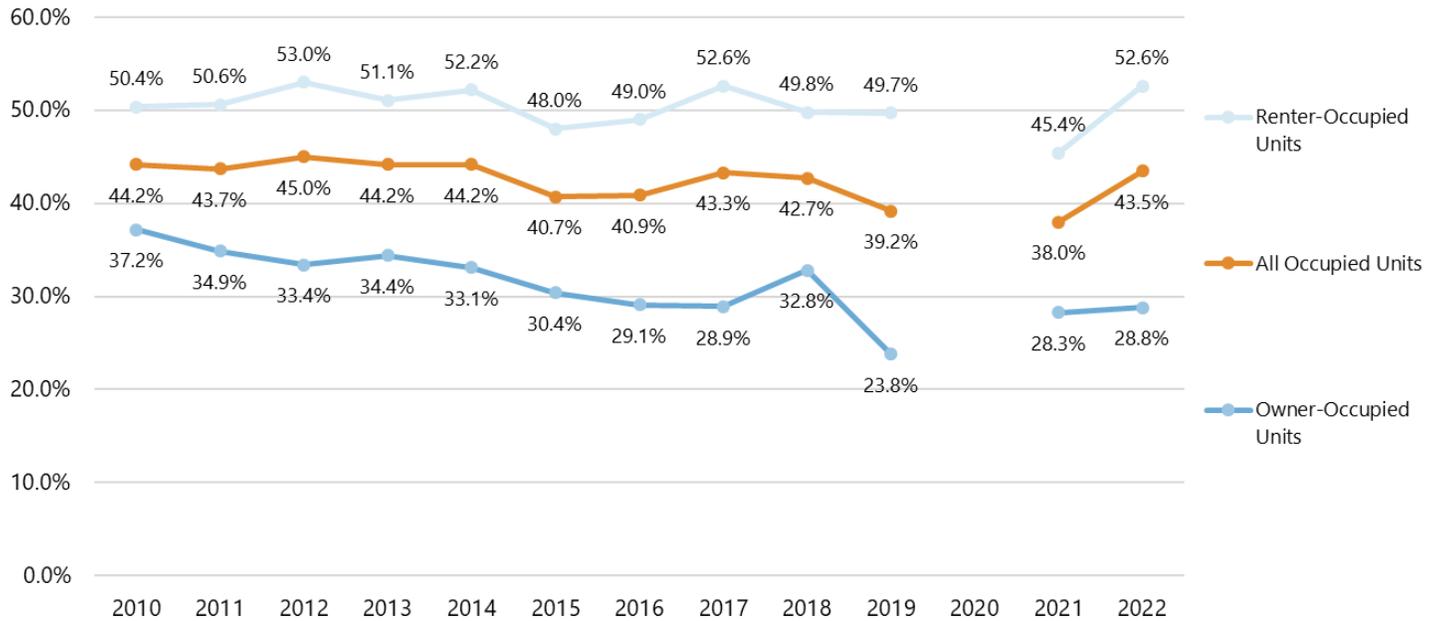
WORCESTER: OWNER-OCCUPIED, AND RENTER-OCCUPIED AS A PERCENT OF TOTAL HOUSEHOLDS, 2010-2022



Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates

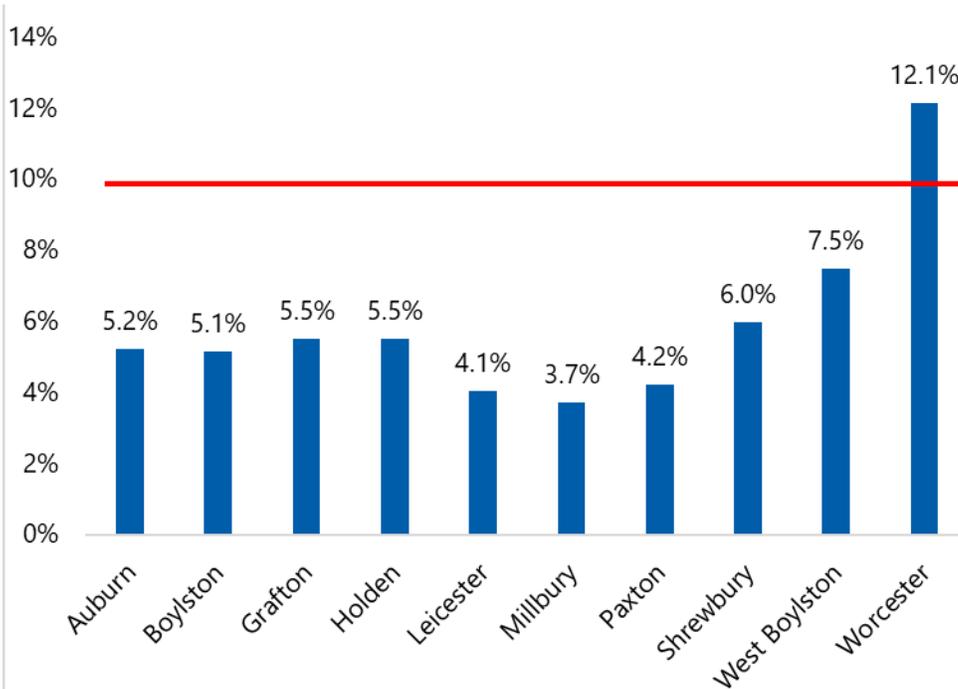


WORCESTER: PERCENT OF HOUSEHOLDS SPENDING 30% OR MORE OF INCOME ON HOUSING, 2010-2022



Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates

GREATER WORCESTER: CHAPTER 40B SUBSIDIZED HOUSING INVENTORY



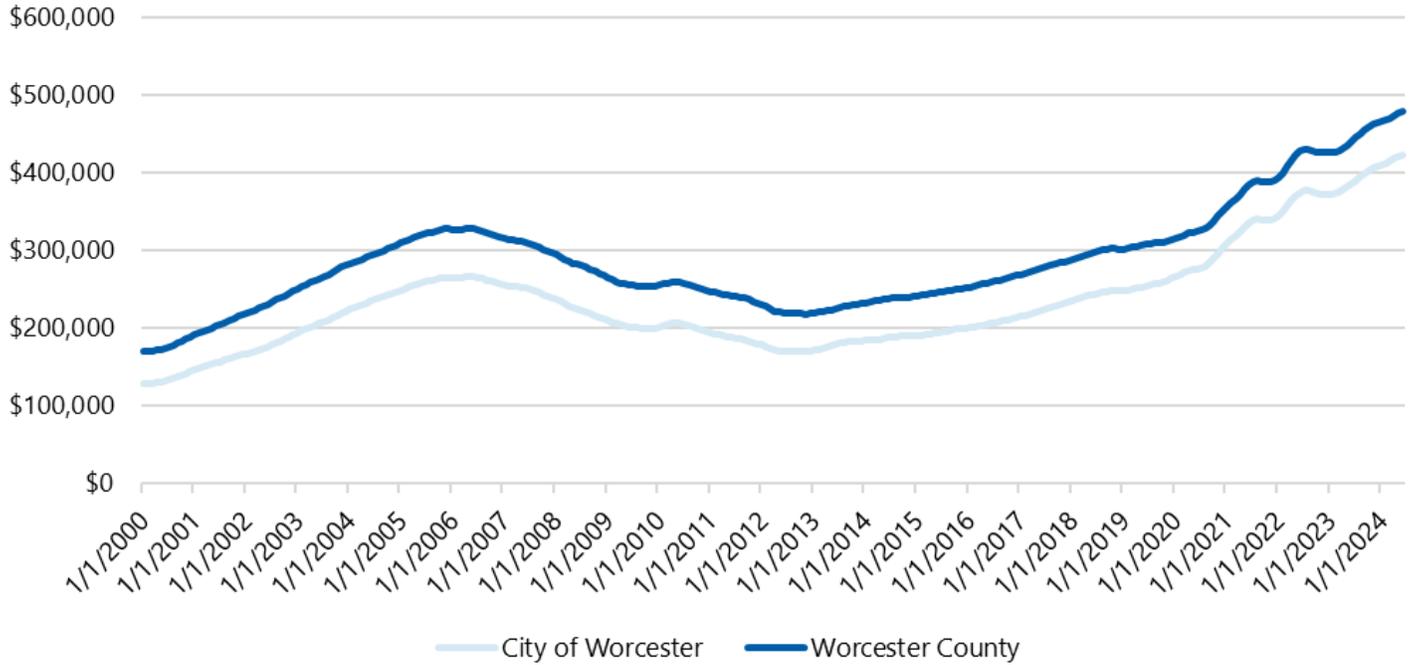
Massachusetts General Laws Chapter 40B was adopted in 1969 as part of the Massachusetts Comprehensive Permit Act to encourage and facilitate the building of affordable, long-term housing for low-income individuals and families across the Commonwealth and to ensure that low-income residents can remain 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 Executive Office of Housing & Livable Communities, Subsidized Housing Inventory as of June 29, 2023

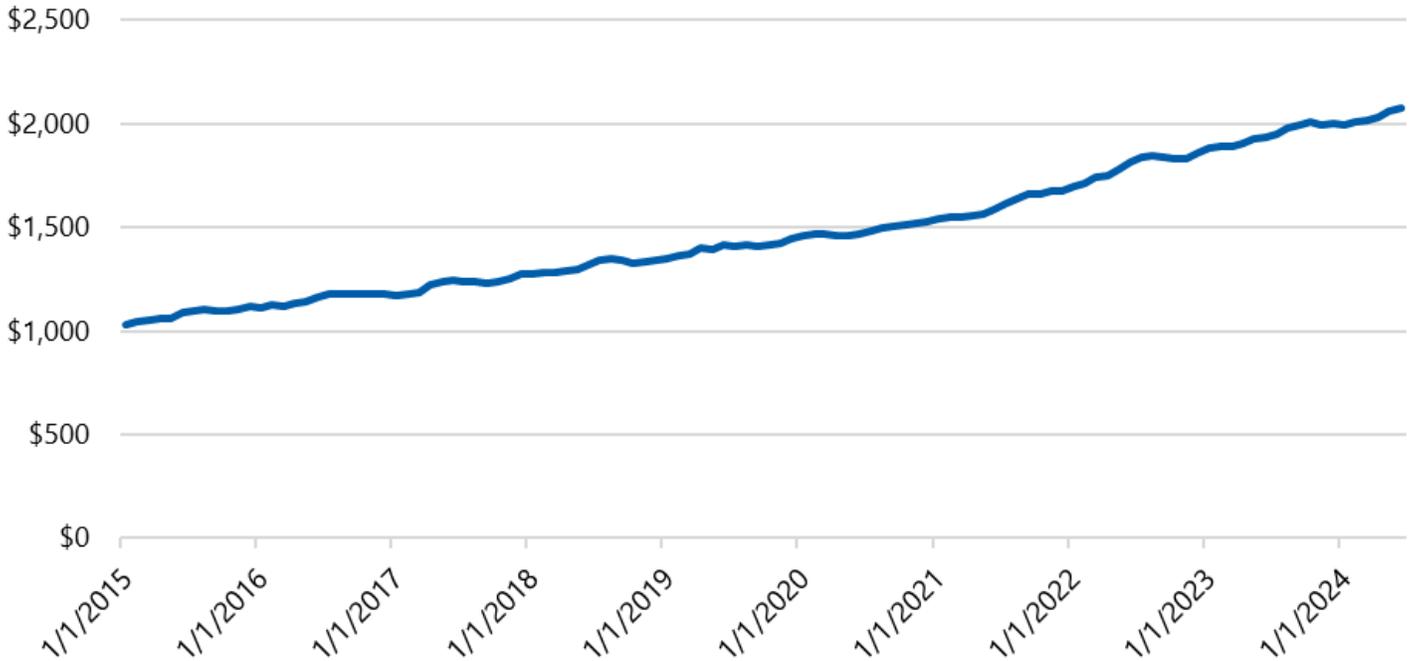


WORCESTER: TYPICAL HOME VALUE, 2000-2024



Source: Zillow Home Value Index (ZHVI)

WORCESTER: TYPICAL OBSERVED MARKET RATE RENT, 2015-2024



Source: Zillow Observed Rent Index (ZORI)



Annual City of Worcester Point-In-Time Count, January 31, 2024					
	Sheltered			Unsheltered	Total
	Emergency	Transitional	Safe Haven		
Total Homeless	1,636	137	12	142	1927
Chronically Homeless	235	0	0	72	307
<i>Age</i>					
# under age 18	700	18	0	0	718
# ages 18-24	111	15	0	6	132
# ages 24 and older	825	104	12	136	1077
<i>Gender</i>					
Woman (Girl if child)	837	48	3	48	936
Man (Boy if child)	794	87	9	93	983
Transgender	4	2	0	0	6
Non-Binary	1	0	0	1	2
<i>Race</i>					
American Indian, Alaska Native, or Indigenous (only)	7	1	0	1	9
Amer. Indian, Alaska Nat., Indigenous & Hispanic/Latina/e/o	2	1	0	0	3
Asian or Asian American (only)	8	3	1	0	12
Asian or Asian American & Hispanic/Latina/e/o	0	0	0	0	0
Black, African American, or African (only)	661	23	1	16	701
Black, African American, or African & Hispanic/Latina/e/o	99	2	2	0	103
Hispanic/Latina/e/o (only)	272	11	0	17	300
Middle Eastern or North African (only)	1	0	0	0	1
Middle Eastern or North African & Hispanic/Latina/e/o	0	0	0	0	0
Native Hawaiian or Pacific Islander (only)	1	1	0	0	2
Native Hawaiian or Pacific Islander & Hispanic/Latina/e/o	0	1	0	0	1
White (only)	401	64	7	106	578
White & Hispanic/Latina/e/o	165	21	1	0	187
Multi-Racial & Hispanic/Latina/e/o	11	3	0	0	14
Multi-Racial (all other)	8	6	0	2	16

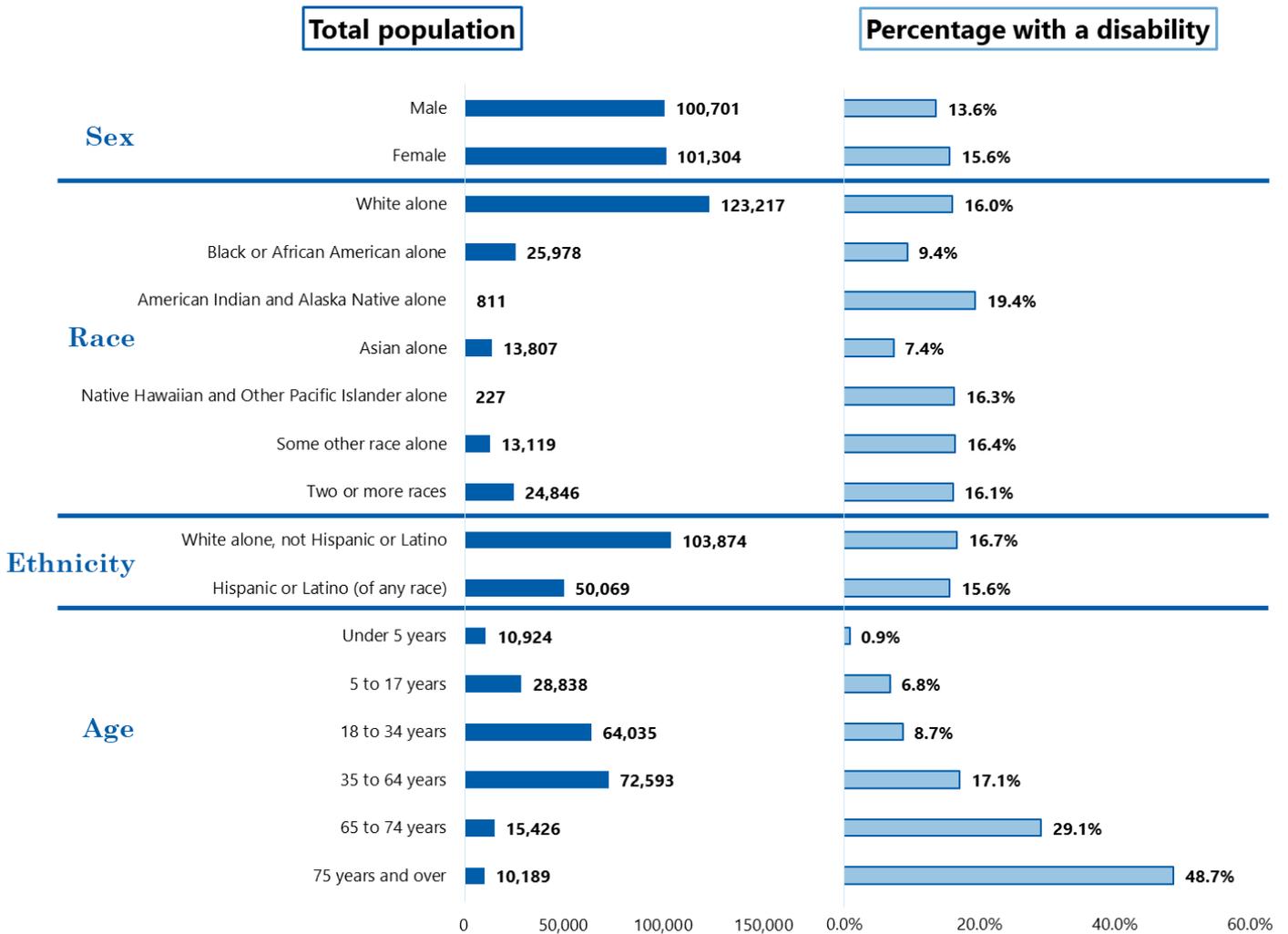
Source: Central Massachusetts Housing Alliance

Worcester: Veterans, 2022			
Number of Veterans	6,440	Period of Service	
Veterans as % of Population 18 and Older	3.9%	Gulf War (September 2001 or later)	1,415
% of Veterans - Male	90.5%	Gulf War (August 1990 to August 2001)	847
% of Veterans - Female	9.5%	Vietnam era	2,204
% of Veterans - 18 to 64	52.7%	Korean War	406
% of Veterans - 65 and older	47.3%	World War II	183
% of Veterans - Disabled	29.9%		
% of Veterans - Below the Poverty Line	11.3%		

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

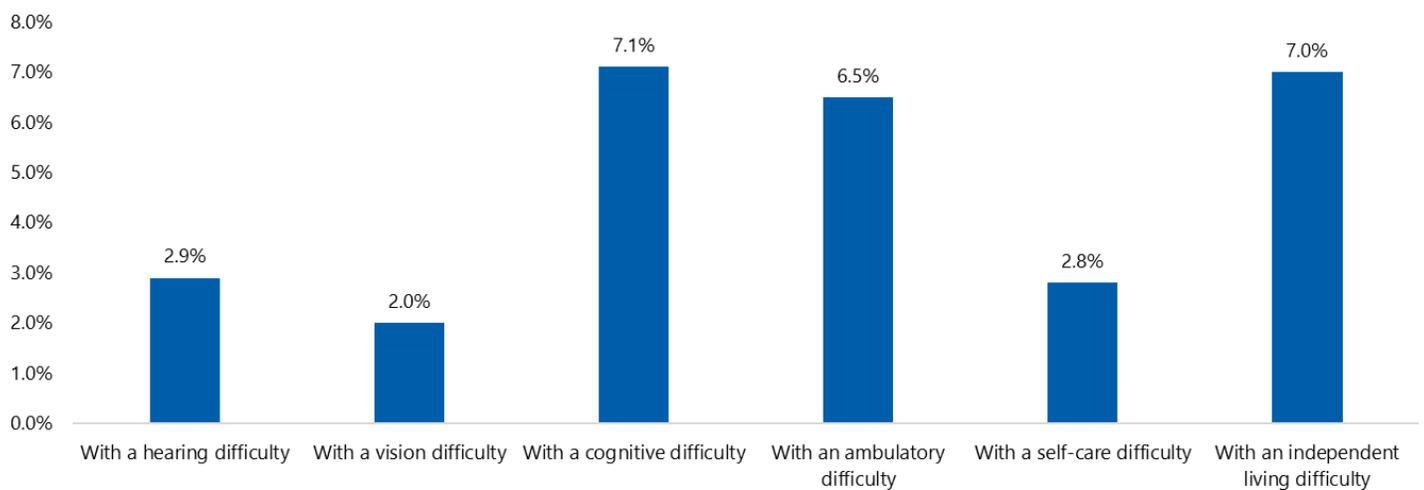


WORCESTER: DISABILITY BY SELECTED CHARACTERISTICS, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: DISABILITY, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



Worcester: Household Internet Access Details, 2022							
	Total	With a computer				No computer in household	% No computer in household
		Broadband Internet Subscription	% Broadband Internet Subscription	Without an Internet Subscription	% Without an Internet Subscription		
Total population in households	190,323	174,119	90.8%	7,977	4.2%	8,938	4.7%
Age							
Under 18 years	39,632	37,962	96.4%	1,099	2.8%	318	8.0%
18 to 64 years	125,347	116,874	92.9%	5,163	4.2%	3,423	2.8%
65 years and over	25,344	19,283	71.4%	1,715	6.9%	5,197	20.9%
Race							
White alone	114,318	103,796	90.8%	4,795	4.2%	5,527	4.8%
Black or African American alone	25,054	22,954	91.6%	1,456	5.8%	437	1.7%
American Indian and Alaska Native alone	811	771	95.1%	17	2.1%	23	2.8%
Asian alone	13,011	12,476	95.9%	402	3.1%	133	1.0%
Native Hawaiian and Other Pacific Islander alone	203	166	81.8%	37	18.2%	0	0.0%
Some other race alone	12,896	11,764	91.2%	605	4.7%	527	4.1%
Two or more races	24,030	22,192	92.4%	1200	5.0%	634	2.6%
Ethnicity							
Hispanic or Latino origin (of any race)	49,063	44,222	90.1%	3,018	6.2%	1,823	3.7%
White alone, not Hispanic or Latino	95,434	86,948	91.1%	3,595	3.8%	4,691	4.9%
Educational Attainment							
Household population 25 years and over	129,962	116,109	89.3%	6,828	5.3%	6,759	5.2%
Less than high school graduate or equivalency	17,768	14,042	79.0%	1,645	9.3%	2,019	11.4%
High school graduate (includes equivalency), some college or associate's degree	68,581	60,599	88.4%	3,908	5.7%	3,985	5.8%
Bachelor's degree or higher	43,613	41,468	95.1%	1,275	2.9%	755	1.7%
Employment Status							
Civilian population 16 years and over	155,158	140,384	90.5%	7,442	4.8%	6,921	4.5%
In labor force	102,855	97,405	94.7%	3,877	3.8%	1,327	1.3%
Employed	96,078	90,969	94.7%	3,612	3.8%	1,251	1.3%
Unemployed	6,777	6,436	95.0%	265	3.9%	76	1.1%
Not in labor force	52,303	42,979	82.2%	3,565	6.8%	5,594	10.7%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



Worcester: Household Internet Access Metrics, 2022

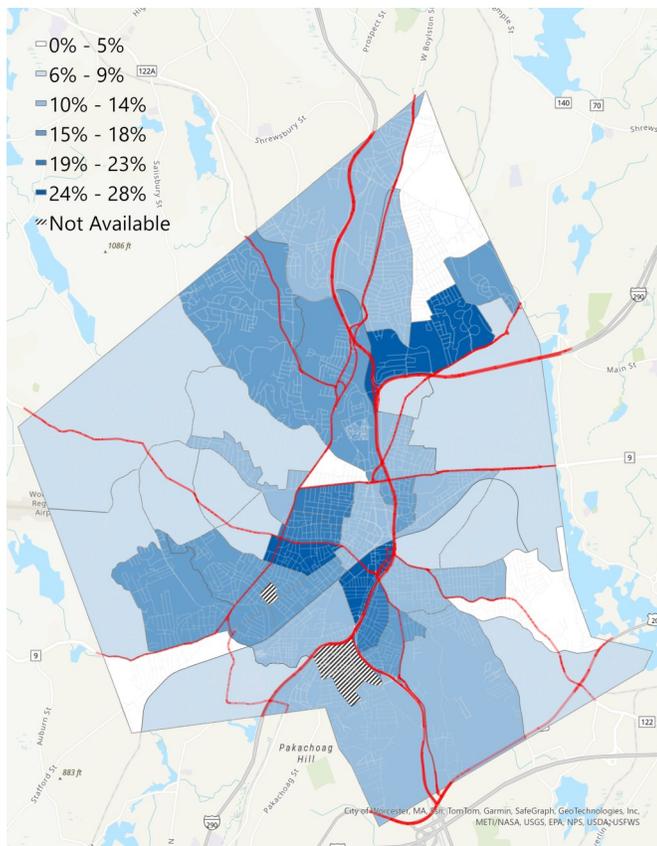
With an Internet Subscription	87.8%
Broadband of any type	87.5%
Cellular Data Plan	81.8%
Satellite Internet Service	3.1%
Dial-up with no other subscription	0.2%
No Internet Access	3.9%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Affordable Connectivity Program Claims as of January				Total Claim Amount Jan. 2022-May 2024
Zip Code	2022	2023	2024	
01602	642	1687	2278	1,507,393
01603	1144	2525	3543	2,390,003
01604	1632	3824	5139	3,499,949
01605	2163	4305	5440	3,954,767
01606	463	1178	1686	1,091,233
01607	514	1162	1566	1,075,345
01608	444	1004	1195	874,622
01609	1018	2227	3019	2,076,872
01610	1955	4482	5563	4,126,396
01611	35	108	181	109,792
Total	10,010	22,502	29,610	20,706,371

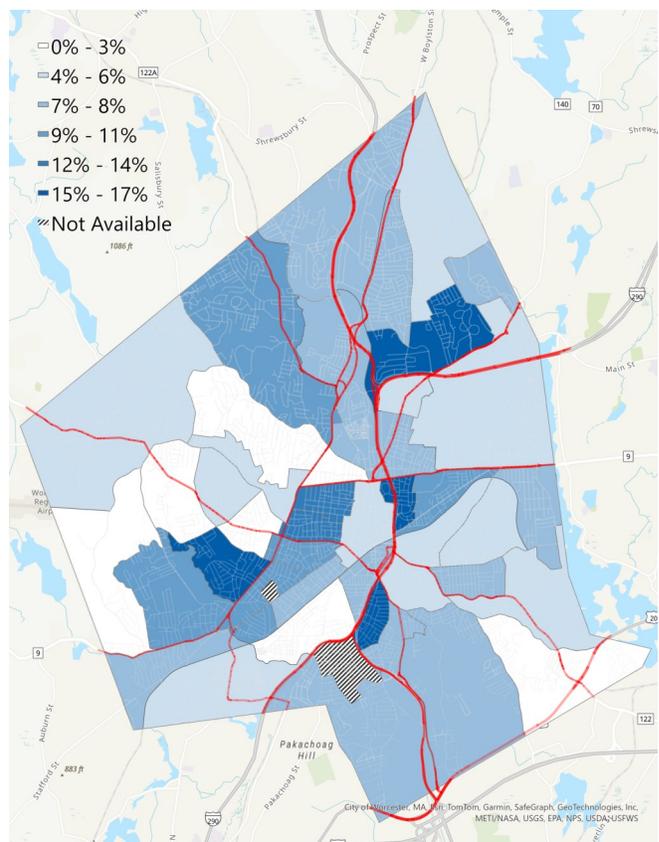
Source: Federal Communications Commission

WORCESTER: PERCENT WITH COMPUTER BUT NO INTERNET SUBSCRIPTION, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: PERCENT WITH NO COMPUTER, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



Worcester: Health Status Not Good (≥ 14 days), Among Adults (≥ 18)

Year	Mental health	Physical health
2014	14.4%	13.2%
2015	14.7%	13.9%
2016	14.4%	13.4%
2017	15.4%	14.2%
2018	16.2%	14.3%
2019	16.0%	13.8%
2020	15.7%	10.4%
2021	18.7%	11.8%
2022	18.9%	14.0%

**Age-adjusted values*

Source: Centers for Disease Control

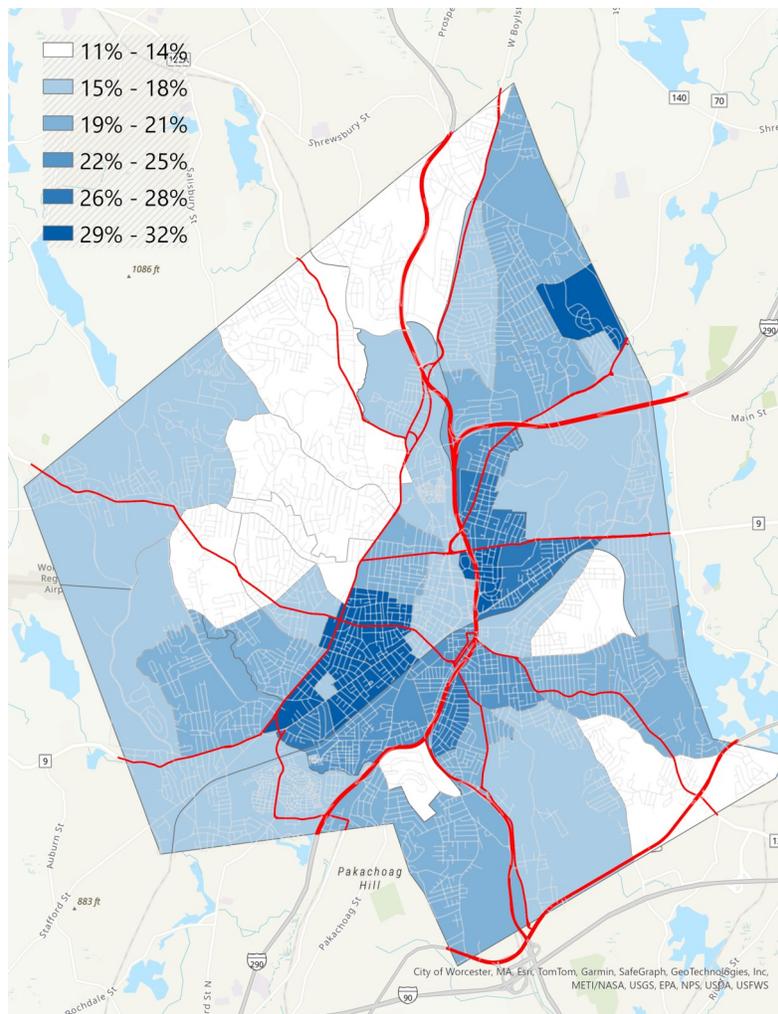
Worcester: Health Risk Behaviors Amongst Adults (≥ 18)

Year	No Leisure Time Physical Activity	Binge Drinking	Current Smoking	Sleeping Less than 7 Hours
2014	24.9%	16.0%	21.4%	40.4%
2015	32.4%	17.3%	22.1%	
2016	27.1%	17.6%	21.5%	38.6%
2017	28.8%	18.6%	19.4%	
2018	30.2%	17.8%	20.8%	41.1%
2019	32.1%	18.4%	18.3%	
2020	27.3%	15.9%	18.2%	35.4%
2021	26.3%	15.5%	17.1%	
2022	28.3%	16.7%	16.2%	38.1%

**Age-adjusted values*

Source: Centers for Disease Control

WORCESTER: FAIR/POOR SELF-RATED HEALTH STATUS (≥ 18), 2022



**Age-adjusted values*

Source: Centers for Disease Control



Health Outcomes in Worcester 2013-2022											
Measure	Age Range	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
All teeth lost	≥65		19.7%		19.0%		16.7%		16.1%		17.3%
Arthritis	≥18		25.7%	25.3%	25.5%	25.7%	25.3%	24.5%	26.2%	24.8%	25.7%
Cancer (excluding skin cancer)	≥18		6.5%	6.2%	6.1%	6.2%	6.3%	6.6%	6.0%	6.3%	6.6%
Chronic kidney disease	≥18		3.1%	2.8%	2.9%	3.1%	3.0%	2.9%	2.9%	3%	
Chronic obstructive pulmonary disease	≥18		7.5%	7.3%	7.0%	7.0%	6.5%	6.8%	6.4%	7.2%	6.7%
Coronary heart disease	≥18		6.4%	6.2%	6.3%	5.8%	6.4%	6.1%	6.0%	5.6%	6.3%
Current asthma	≥18		12.1%	10.6%	11.4%	11.5%	10.9%	11.5%	11.5%	12.6%	12.7%
Depression	≥18							21.1%	19.6%	23.1%	24%
Diagnosed diabetes	≥18		10.8%	10.1%	10.6%	10.4%	10.5%	10.0%	10.2%	10.6%	11.6%
High blood pressure	≥18	30.3%		31.9%		30.6%		30.3%		29%	
High cholesterol (screened in the past 5 years)	≥18	33.9%		32.6%		29.6%		28.1%		29.8%	
Obesity	≥18		31.1%	30.9%	29.7%	31.4%	35.0%	34.6%	33.5%	34.8%	36.2%
Stroke	≥18		2.9%	3.1%	3.2%	3.1%	3.2%	3.2%	3.0%	3%	3.4%

*Age-adjusted values

Source: Centers for Disease Control

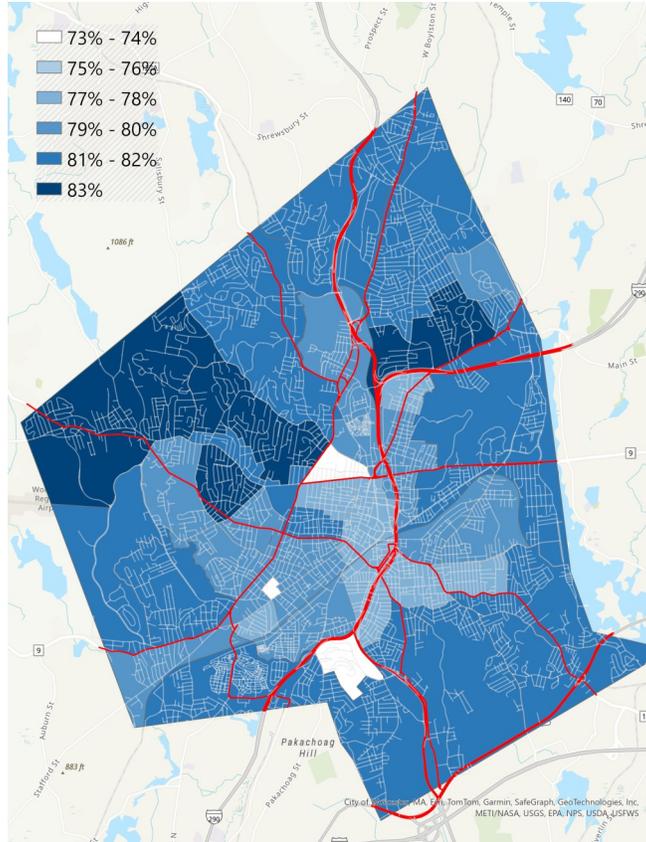
Health Prevention Metrics in Worcester: 2013-2022											
Measure	Age Range	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Cervical cancer screening among adult women	21-65						85.8%		82.7%		
Cholesterol screening	≥18	78.7%		76.4%		84.4%*		86.2%		84.5%	
Current lack of health insurance	18-64		11.2%	11.8%	11%	11.4%	13.3%	13.7%	10.5%	8.3%	7%
Fecal occult blood test, sigmoidoscopy, or colonoscopy	50-75		66.9%		66%		64.9%		79.9%		59.1%
Mammography use among women aged 50-74 Years	50-74		84.7%		76%		78.6%		78.9%		82.8%
Older Adult Men: Flu shot past year, PPV shot ever, Colorectal cancer screening	≥65		29.8%		31.3%		31.3%		52.3%		
Older Adult Women: Flu shot past year, PPV shot ever, Colorectal cancer screening, and Mammogram past 2 years	≥65		28.7%		29%		26%		45.4%		
Papanicolaou smear use among adult women	21-65		85.4%		79.8%						
Taking medicine for high blood pressure control among adults with high blood pressure	≥18	59.8%		61.2%		59.5%		58.9%		58.2%	
Visits to dentist or dental clinic among adults	≥18		62.7%		61.2%		65.5%		64.9%		61.5%
Visits to doctor for routine checkup within the past year among adults	≥18		77.4%	76.6%	78%	76.4%	77.5%	78.8%	79.8%	74.9%	79.9%

*Age-adjusted values

Source: Centers for Disease Control

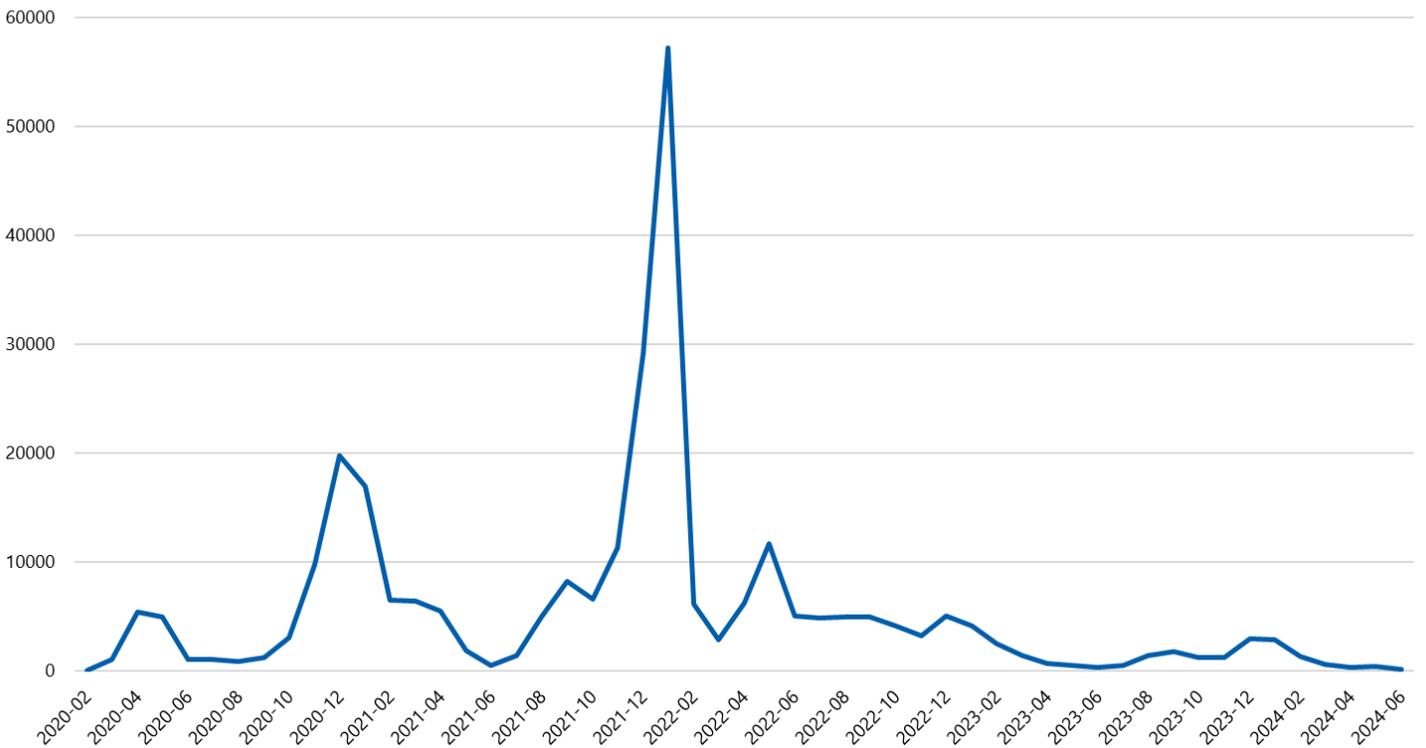


WORCESTER: VISITS TO DOCTOR FOR ROUTINE CHECK-UP IN PAST YEAR (≥18), 2022



Source: Centers for Disease Control

WORCESTER COUNTY: COVID-19 CASES, 2020-2024



Source: Centers for Disease Control

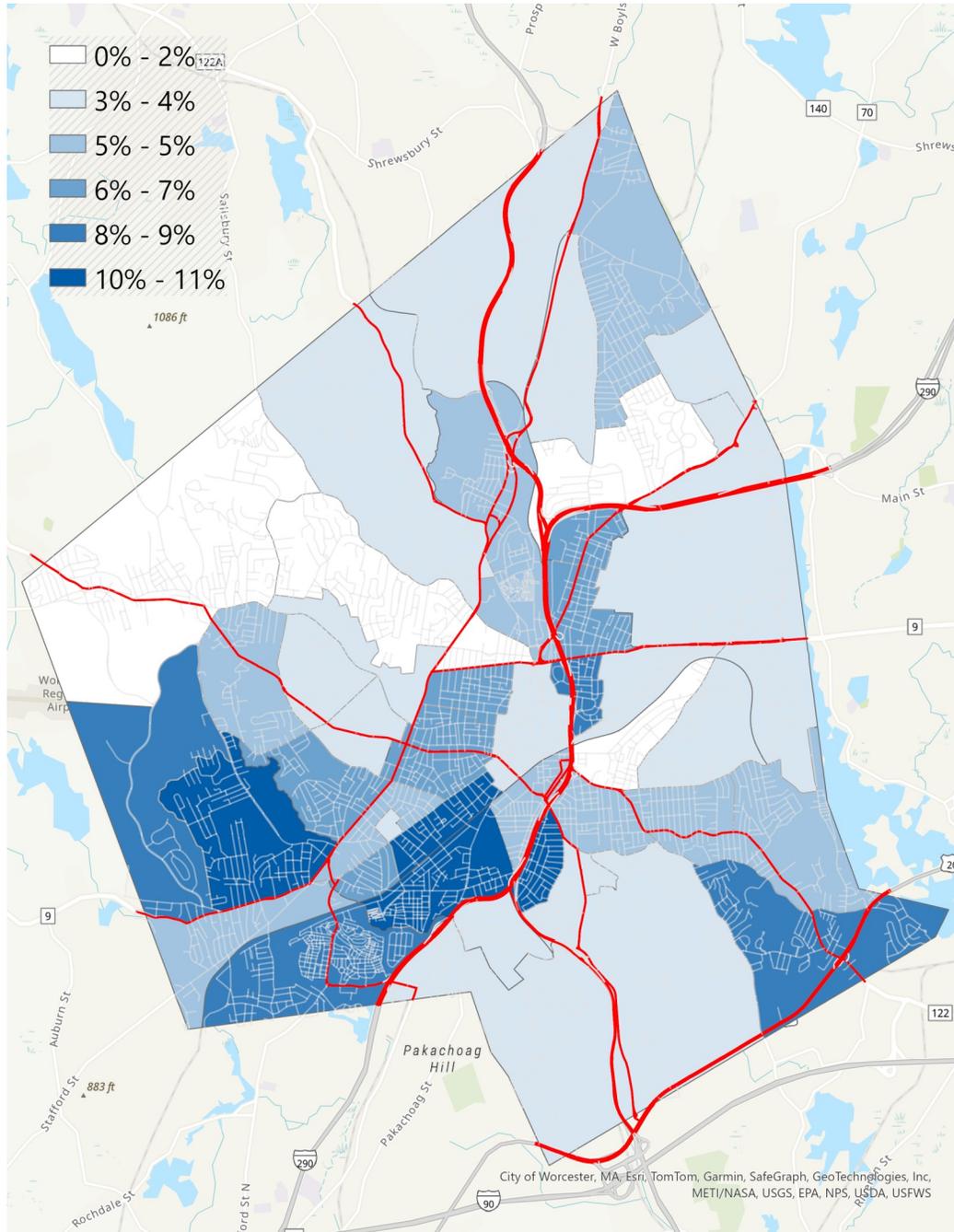


Worcester: Uninsured, 2022

	Worcester City		Worcester County		Massachusetts	
	Number	Percent	Number	Percent	Number	Percent
Uninsured	6,771	3.4%	21,206	2.5%	185,907	2.7%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

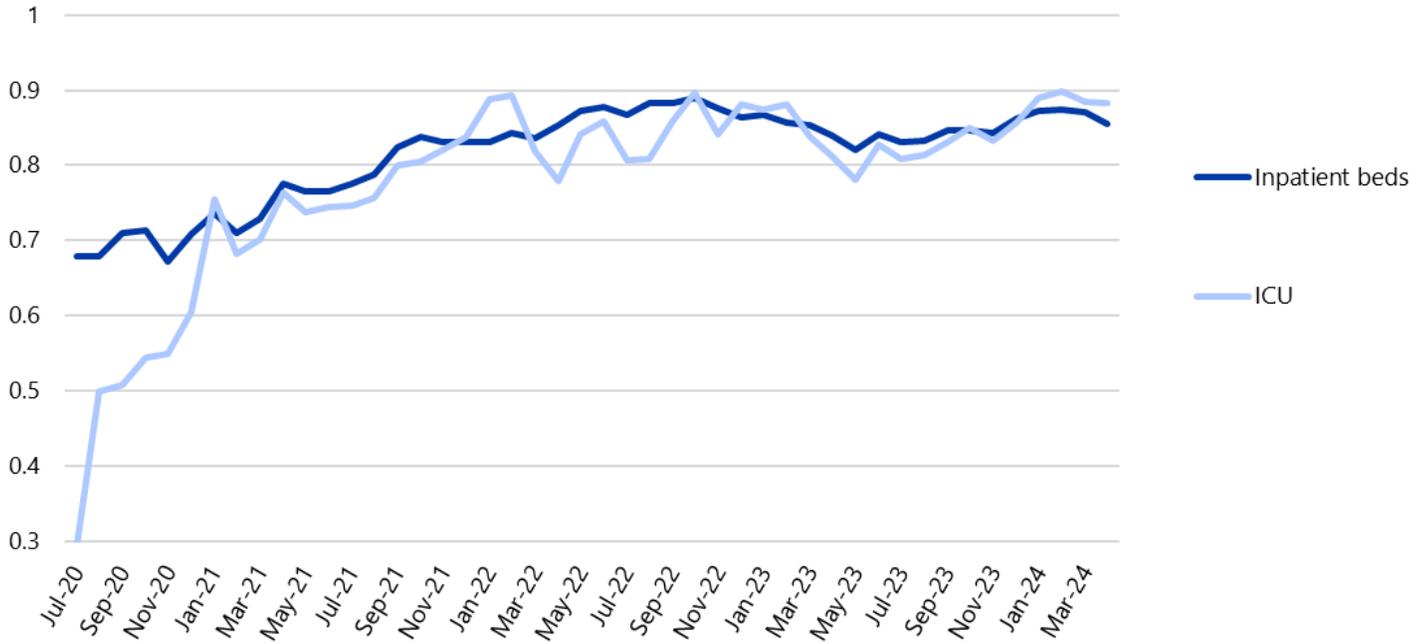
WORCESTER: LACK OF HEALTH INSURANCE (18-64), 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

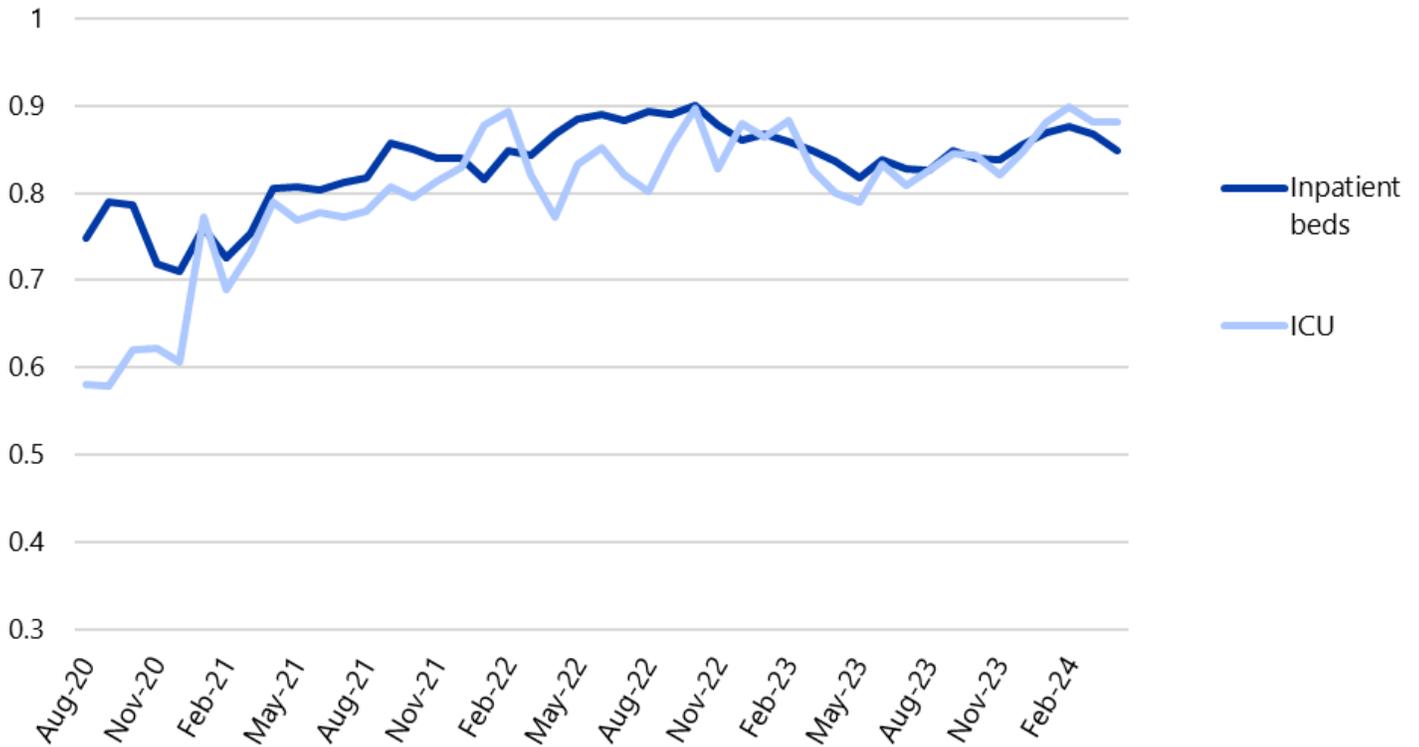


WORCESTER COUNTY: INPATIENT AND ICU BEDS OCCUPANCY, 2020-2024



Source: Centers for Disease Control

WORCESTER: INPATIENT AND ICU BEDS OCCUPANCY, 2020-2024



Source: Centers for Disease Control



Greater Worcester: Confirmed Opioid Related Overdose Deaths (by town of residence for deceased)									
	2015	2016	2017	2018	2019	2020	2021	2022	2023
Auburn	4	2	4	6	4	3	4	8	2
Boylston	2	0	1	1	1	1	1	0	1
Grafton	2	1	0	3	6	2	3	3	5
Holden	4	5	1	3	1	2	3	3	1
Leicester	2	2	4	6	4	5	3	3	0
Millbury	4	4	7	7	8	6	2	4	4
Paxton	1	0	0	1	1	2	1	1	1
Shrewsbury	2	7	8	7	6	4	3	6	8
West Boylston	0	1	3	4	2	1	1	1	1
Worcester	84	77	86	99	81	103	105	140	130
Total	105	99	114	137	114	129	126	169	153

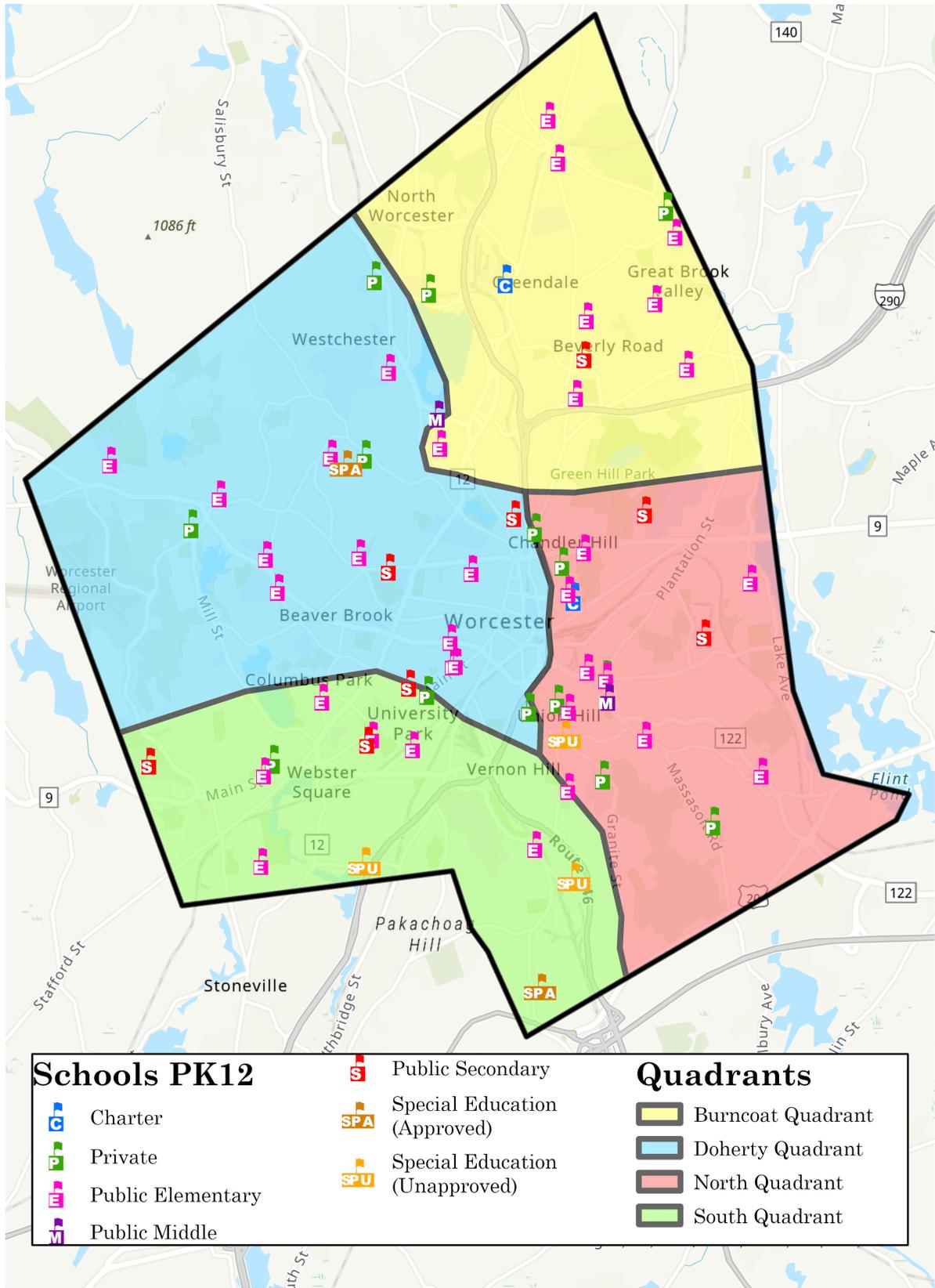
Source: Massachusetts Department of Public Health

Greater Worcester: Confirmed Opioid Related Overdose Deaths (by location of death occurrence)									
	2015	2016	2017	2018	2019	2020	2021	2022	2023
Auburn	1	0	1	1	0	2	3	6	4
Boylston	1	0	0	0	0	0	1	0	0
Grafton	2	0	0	2	3	0	1	2	2
Holden	1	2	0	1	2	1	1	1	0
Leicester	1	1	2	2	1	2	2	2	0
Millbury	1	3	2	3	4	3	2	0	4
Paxton	0	0	0	0	1	2	0	1	0
Shrewsbury	1	3	7	5	2	5	7	3	6
West Boylston	0	2	2	1	2	0	1	1	0
Worcester	122	112	123	135	144	132	123	168	155
Total	130	123	137	150	159	147	141	184	171

Source: Massachusetts Department of Public Health

Worcester: National Institutes of Health Funding, FY2023		
Cg Scientific, Inc.	1	\$499,992
Clark University (Worcester, Ma)	1	\$98,045
Codomax, Inc.	1	\$324,999
International Society of Vaccines	1	\$5,000
Microbiotix, Inc	5	\$4,460,198
SignaBlok, Inc.	2	\$550,868
Univ Of Massachusetts Med Sch Worcester	353	\$178,572,402
Worcester Polytechnic Institute	16	\$6,683,438
Total	380 awards	\$191,194,942

Source: National Institutes of Health



Source: MassGIS (Bureau of Geographic Information)

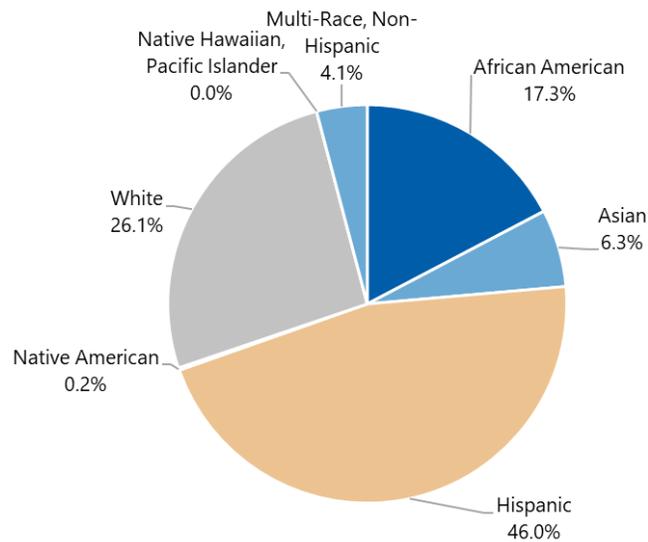
CLICK/SCAN HERE TO VIEW "UNDERSTANDING YOUR NEIGHBORHOOD SCHOOLS," A DASHBOARD WITH MORE INFORMATION ABOUT SPECIFIC SCHOOLS:





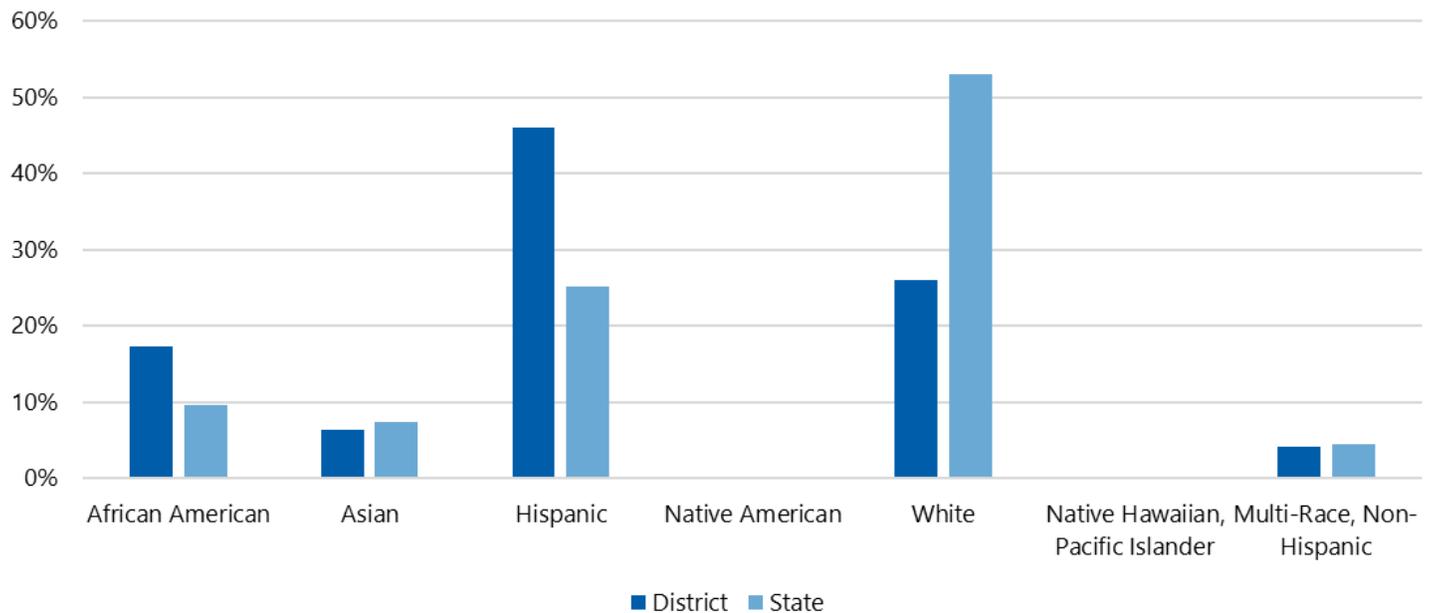
Worcester Public Schools: 2023-2024		
	Number of Schools	Number of Students
Elementary Schools	33	13,028
Middle Schools 6-8	1	844
Middle Schools 7-8	3	2,208
Grade 7-12 Schools	2	722
High Schools	5	7,172
Head Start Program	1	376
<i>Total</i>	45	24,350

WORCESTER PUBLIC SCHOOLS: ENROLLMENT BY RACE/ETHNICITY, 2023-2024



Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: ENROLLMENT BY RACE/ETHNICITY COMPARED TO STATE, 2023-2024



Source: Massachusetts Department of Elementary & Secondary Education



WORCESTER PUBLIC SCHOOLS: ENROLLMENT BY SCHOOL, 2023-2024

	Number of Students
Head Start	376
Elementary Schools	
Belmont Street Community	583
Burncoat Street	231
Canterbury	335
Chandler Elementary Community	411
Chandler Magnet	548
City View	433
Clark St Community	261
Columbus Park	375
Elm Park Community	440
Flagg Street	387
Francis J McGrath Elementary	208
Gates Lane	547
Goddard School/Science Technical	378
Grafton Street	398
Heard Street	251
Jacob Hiatt Magnet	381
Lake View	286
Lincoln Street	215
May Street	294
Midland Street	238
Nelson Place	590
Norrback Avenue	491
Quinsigamond	715
Rice Square	436
Roosevelt	596
Tatnuck	380
Thorndyke Road	352
Union Hill School	369
Vernon Hill School	488
Wawecus Road School	150
West Tatnuck	366
Woodland Academy	489
Worcester Arts Magnet School	406
<i>Total Elementary School Students</i>	13,028

Middle Schools

Burncoat Middle School	684
Forest Grove Middle	829
Sullivan Middle	844
Worcester East Middle	695
<i>Total Middle School Students</i>	3,052

Grades 7-12 Schools

Claremont Academy	478
University Pk Campus School	244
<i>Total Middle School Students</i>	722

High Schools

Burncoat Senior High	1,124
Doherty Memorial High	1,398
North High	1,420
South High Community	1,791
Worcester Technical High	1,439
<i>Total High School Students</i>	7,172

Total Number of Students in WPS 24,350

Source: Massachusetts Department of Elementary & Secondary Education

Worcester: Private Schools, 2024

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

Worcester: Charter Schools, 2024

Abby Kelley Foster Charter Public School (K - 12)
Learning First Charter Public School (K - 8)
Worcester Cultural Academy Charter Public School (K - 4)

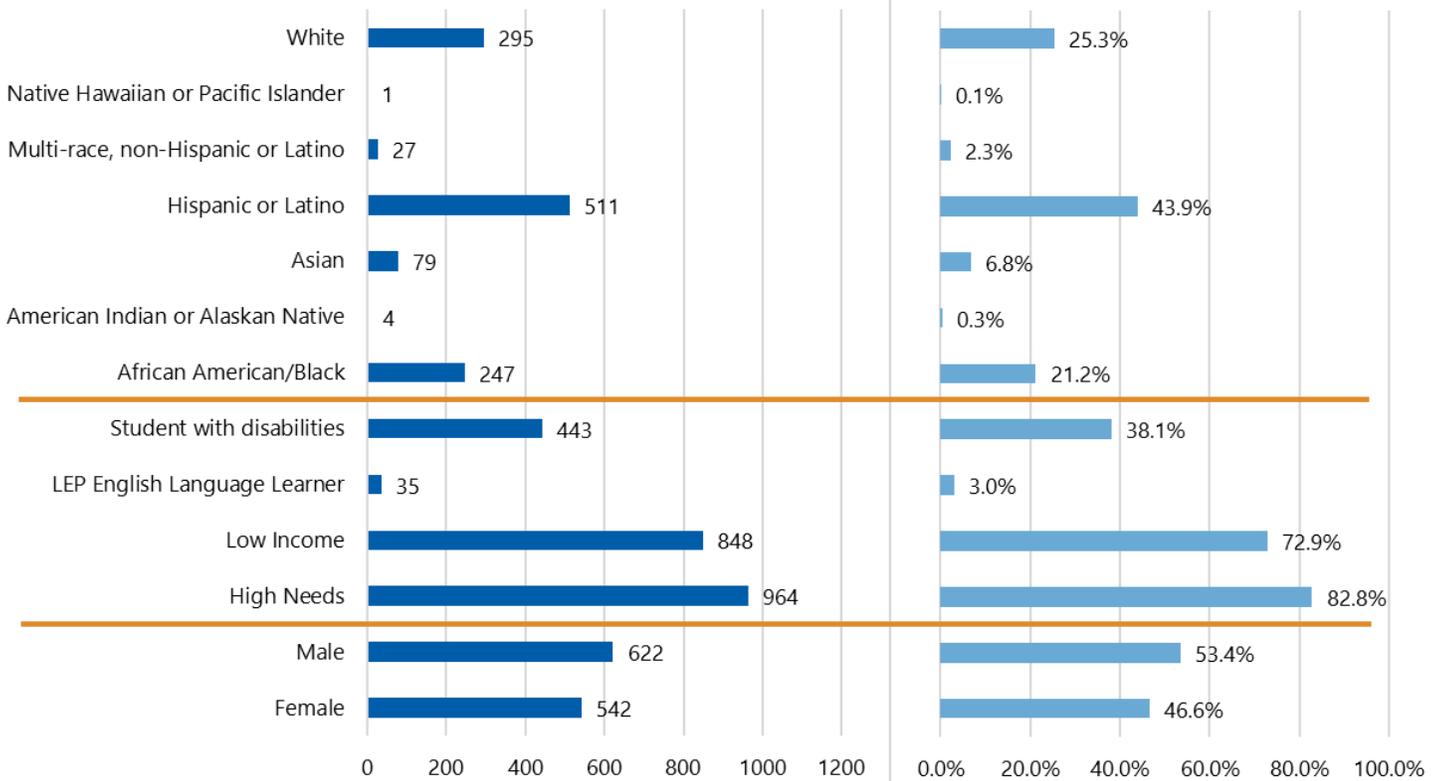
Worcester: Independent Public Schools, 2024

Massachusetts Academy of Math and Science (11 - 12)

Source: Massachusetts Department of Elementary & Secondary Education

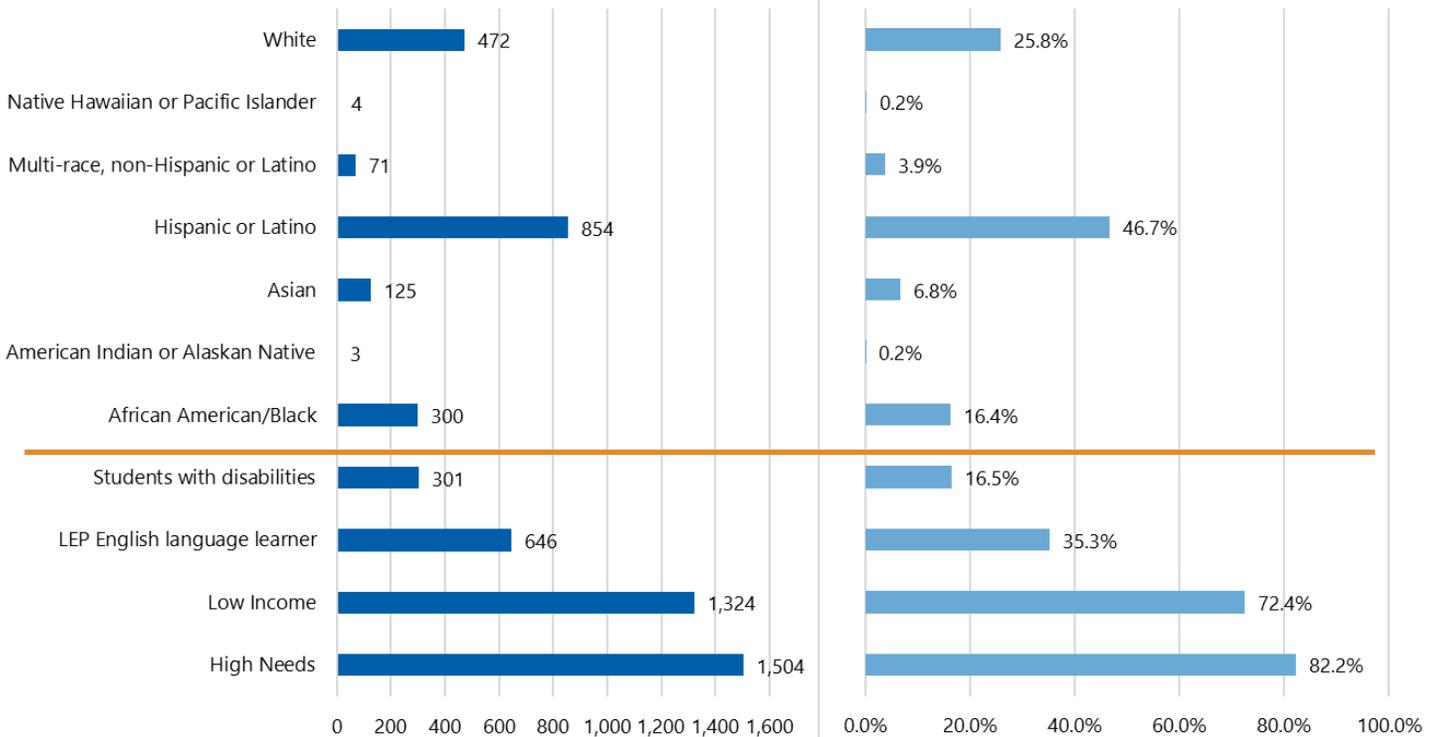


WORCESTER PUBLIC SCHOOLS: PRE-K ENROLLMENT BY SELECTED CHARACTERISTICS, 2023-2024



Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: KINDERGARTEN ENROLLMENT BY SELECTED CHARACTERISTICS, 2023-2024



Source: Massachusetts Department of Elementary & Secondary Education

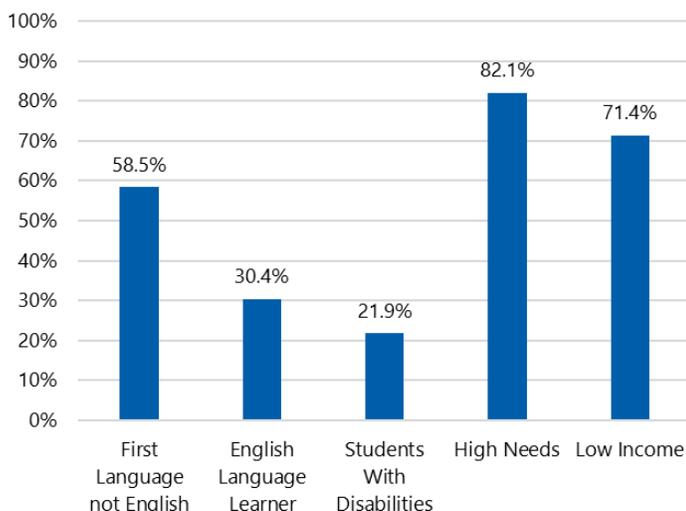


Worcester Public Schools: Indicators 2022 - 2023

Grade 9-12 Drop Out Rate	3.1%
Retention Rate	1.4%
Attendance Rate	92.2%
Average Number of Days Absent	13.3
Percent of Students with Unexcused Absences Greater than 9 Days	45.1%

Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: SELECTED POPULATIONS, 2023-2024



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.

Source: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools: 4-Year Graduation Rate for 2023 Cohort

Student Group	Percent Graduated	Percent Still in School	Percent Non-Grad Completers	Percent High School Equivalent	Percent Dropped Out
All Students	85.2	6.1	1.1	0.1	7.4
Male	82.5	7.6	1.4	0.1	8.5
Female	88.1	4.6	0.9	0.1	6.3
EL	74.9	9.1	3	0	13
Low income	83.9	6.8	1.3	0.1	7.8
High needs	83.2	7	1.3	0.1	8.4
Students w/ disabilities	66.8	19.4	0.9	0	12.9
Foster Care	59.6	14.9	0	0	25.5
Homeless	74	8.4	1.9	0	15.6
Afr. Amer./Black	89	4.8	1.3	0.3	4.5
Asian	91.5	4.2	1.7	0	2.5
Hispanic/Latino	82.6	6.9	1.2	0	9.3
Amer. Ind. or Alaska Nat.	-	-	-	-	-
White	86.8	5.9	0.6	0.2	6.5
Nat. Haw. or Pacif. Isl.	-	-	-	-	-
Multi-race, Non-Hisp./Lat.	81.7	7	1.4	0	9.9

Source: Massachusetts Department of Elementary & Secondary Education

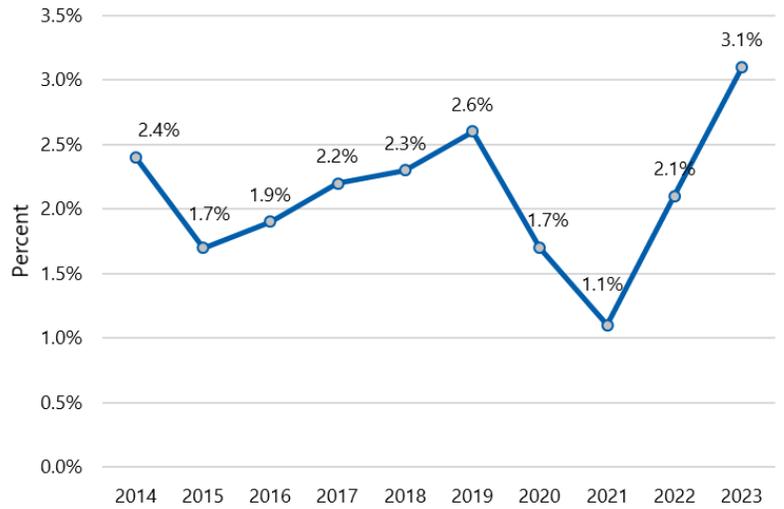


Worcester Public Schools: Grades 9-12 Drop-Out Rates by selected characteristics, 2022-2023

All Student	3.1
Female	2.6
Male	3.7
Low Income	3.3
High Needs	3.5
LEP English language learner	5.5
Students with disabilities	3.6
African American/Black	2.2
American Indian or Alaskan Native	0
Asian	1.2
Hispanic or Latino	4.4
Multi-race, non-Hispanic or Latino	0.7
Native Hawaiian or Pacific Islander	N/A
White	2.4

Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: GRADES 9-12 DROP-OUT RATES, 2014-2023



Source: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools: Chronically Absent (10%+) by Selected Characteristics, 2022-2023

All Student	26.5
Female	26.8
Male	26.3
Low Income	30.4
High Needs	29.2
LEP English language learner	30.6
Students with disabilities	32.2
African American/Black	17.8
American Indian or Alaskan Native	20.8
Asian	14.6
Hispanic or Latino	32.7
Multi-race, non-Hispanic or Latino	27.2
Native Hawaiian or Pacific Islander	N/A
White	23.9

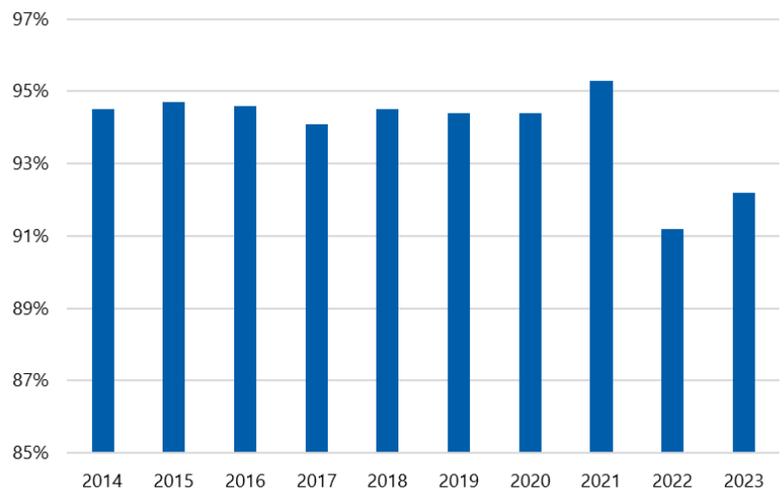
Source: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools: Elementary Class Size, FY25

	Number of Classrooms
Fewer than 23 students	371
23-26 Students	187
27-30 Students	12
31 or more Students	0
Total	570

Source: Massachusetts Department of Elementary & Secondary Education

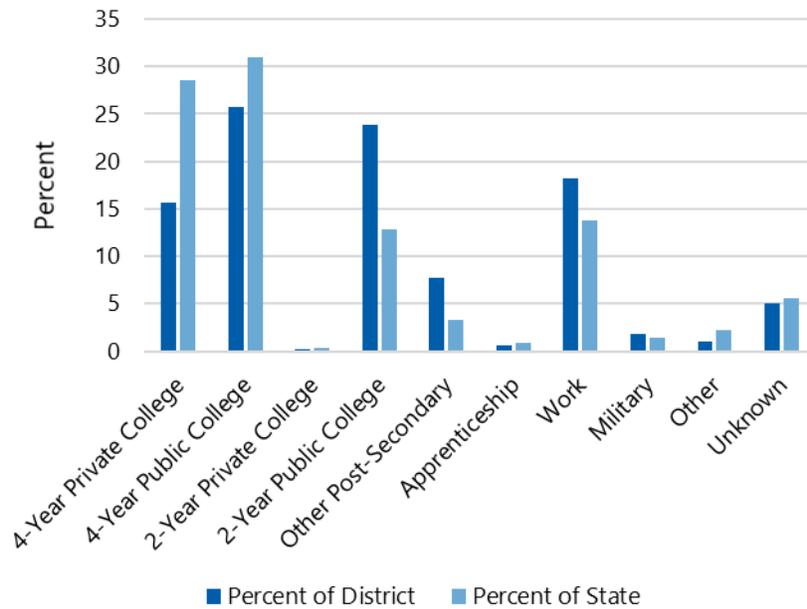
WORCESTER PUBLIC SCHOOLS: GRADES 9-12 ATTENDANCE RATES, 2013-2022



Source: Massachusetts Department of Elementary & Secondary Education

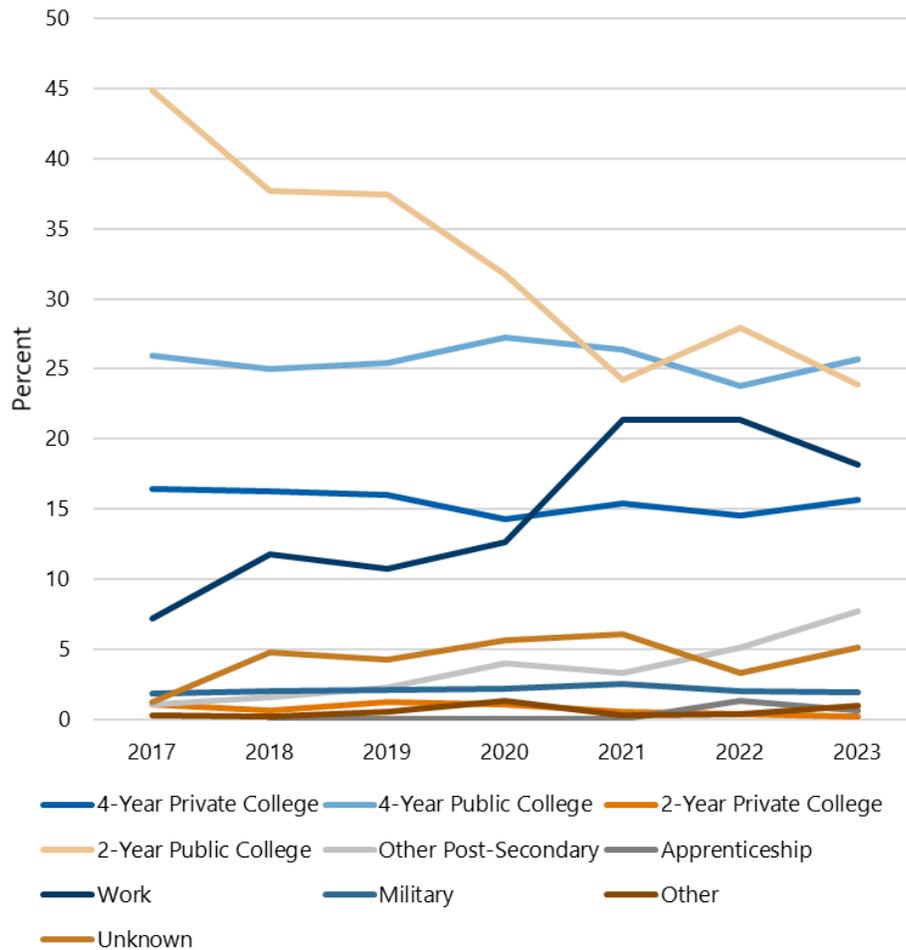


WORCESTER PUBLIC SCHOOLS: PLANS OF HIGH SCHOOL GRADUATES, 2022-2023



Source: Massachusetts Department of Elementary & Secondary Education

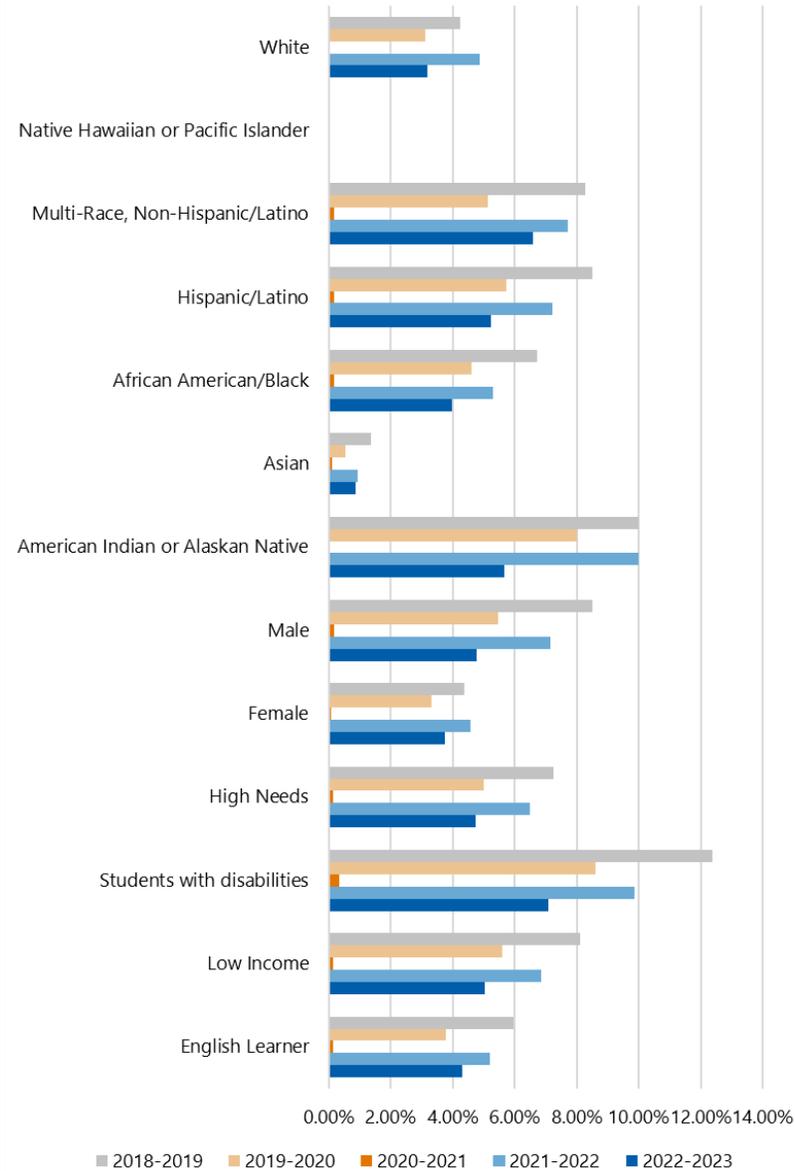
WORCESTER PUBLIC SCHOOLS: PLANS OF HIGH SCHOOL GRADUATES, 2017-2023



Source: Massachusetts Department of Elementary & Secondary Education



WORCESTER PUBLIC SCHOOLS: PERCENT DISCIPLINE BY STUDENT GROUP, 2018-2023



Source: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools Student Discipline Data Report (All Offenses), 2022-2023			
Student Group	Number of Students	Student Disciplined	Percent of Student Group
English Learner	8,384	361	4.3%
Low Income	19,742	993	5.0%
Students with disabilities	5,633	399	7.1%
High Needs	22,049	1048	4.8%
Female	12,615	473	3.7%
Male	13,376	637	4.8%
American Indian or Alaskan Native	53	3	5.7%
Asian	1,586	14	0.9%
African American/Black	4,436	176	4.0%
Hispanic/Latino	12,010	629	5.2%
Multi-Race, Non-Hispanic/Latino	1,046	69	6.6%
Native Hawaiian or Pacific Islander	5	-	
White	6,865	219	3.2%

Source: Massachusetts Department of Elementary & Secondary Education



Worcester Public Schools: Staffing by Gender, 2022-23

	Worcester		State	
	Number	Percent	Number	Percent
Males	760.1	20.2%	29,731.8	20.6%
Females	3,005.1	79.8%	114,924.5	79.4%

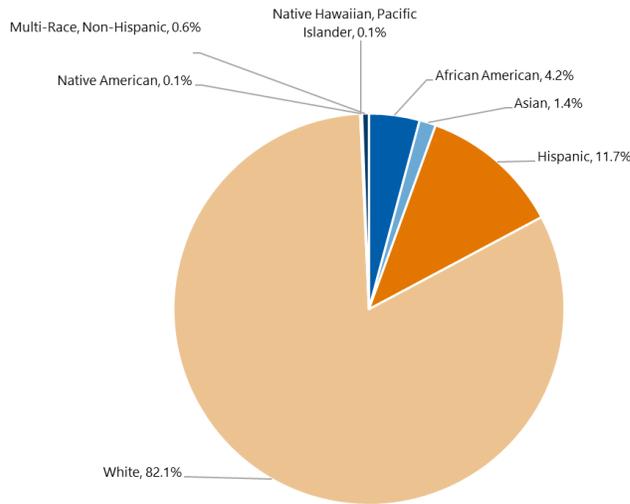
Source: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools: Teacher Data, 2022-23

	Worcester	State
Total Number of Teachers - Full Time Equivalent	1,715.9	76,977.6
Student-Teacher Ratio	14.2	11.9
% of Teachers Licensed	97.6	97.1
Teacher by Program Area		
General Education	1,304.1	63,536.7
Special Education	187.5	9,151.8
Career Vocational Technical	51.6	2,068.8
English Language Learner	172.7	2,220.3

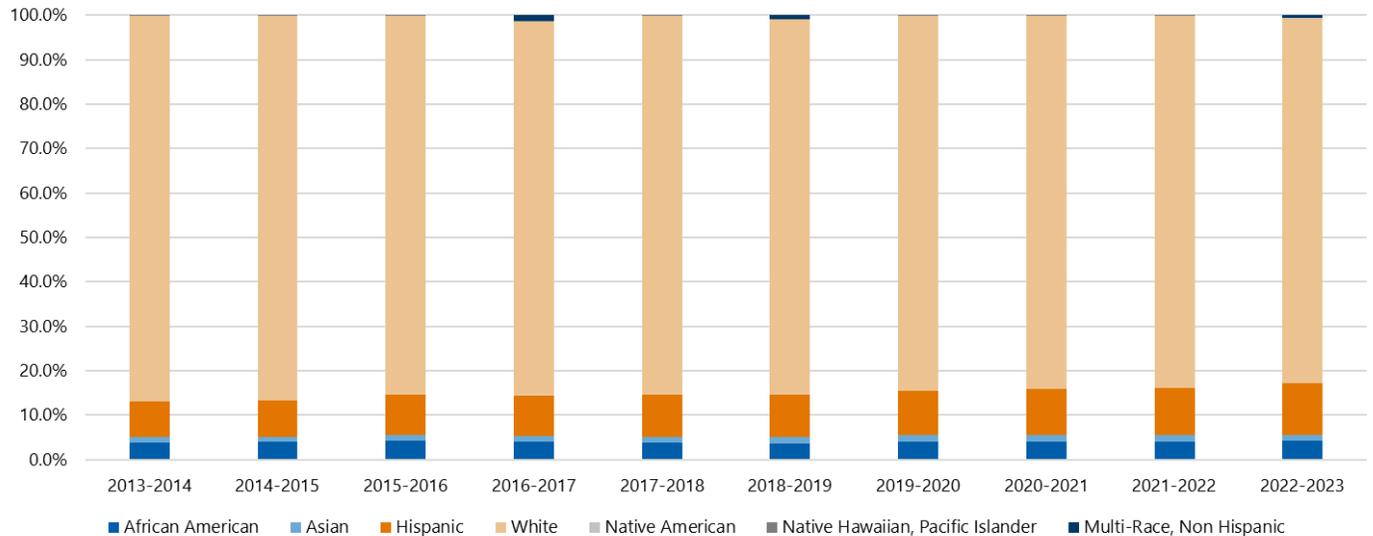
Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: STAFFING BY RACE, 2021-2022



Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: STAFFING BY RACE, 2013-2023



Source: Massachusetts Department of Elementary & Secondary Education



Worcester Public Schools: Next Generation MCAS Tests 2023

Grade and Subject	Percent Exceeding Expectations		Percent Meeting Expectations		Percent Partially Meeting Expectations		Percent Not Meeting Expectations	
	WPS	State	WPS	State	WPS	State	WPS	State
Grade 03 - English Language Arts	3	7	21	37	46	40	29	16
Grade 03 - Mathematics	2	8	24	33	41	39	33	20
Grade 04 - English Language Arts	2	5	21	34	48	43	29	17
Grade 04 - Mathematics	2	8	22	37	45	37	31	18
Grade 05 - English Language Arts	2	5	30	39	44	40	24	16
Grade 05 - Mathematics	2	5	25	36	55	46	18	13
Grade 05 - Science and Tech/Eng	3	8	23	33	45	40	30	19
Grade 06 - English Language Arts	4	8	28	34	35	34	33	24
Grade 06 - Mathematics	3	7	26	34	45	42	26	17
Grade 07 - English Language Arts	4	8	19	33	42	40	36	19
Grade 07 - Mathematics	2	8	16	31	38	40	44	22
Grade 08 - English Language Arts	5	10	23	34	32	34	40	22
Grade 08 - Mathematics	3	7	16	30	40	42	40	20
Grade 08 - Science and Tech/Eng	3	6	21	35	41	40	35	19
Grade 10 - English Language Arts	7	15	29	43	40	30	24	11
Grade 10 - Mathematics	4	10	23	40	53	42	20	9
Grade 10 - Science and Tech/Eng	3	11	19	36	54	42	24	11

*Grade 10 STE results are reported based on students' best performance on any STE test taken in grade 9 or grade 10; only students continuously enrolled in the state, district, or school from fall of grade 9 through spring of grade 10 are included in state, district, or school results.
Source: Massachusetts Department of Elementary & Secondary Education

Worcester Public Schools: SAT Performance Report, 2022-2023			
	Number of Test Takers	Average Reading Score	Average Math Score
All Students	1,496	451	444
English Learner	228	353	356
Low Income	964	427	422
Students w/ Disabilities	179	362	356
High Needs	1,063	425	421
Female	783	455	442
Male	712	448	447
Native American	1	-	-
Asian	134	484	511
Afr. Amer./Black	321	436	426
Hispanic/Latino	573	418	409
Multi-race, Non-Hisp./Lat.	45	470	437
White	422	496	486

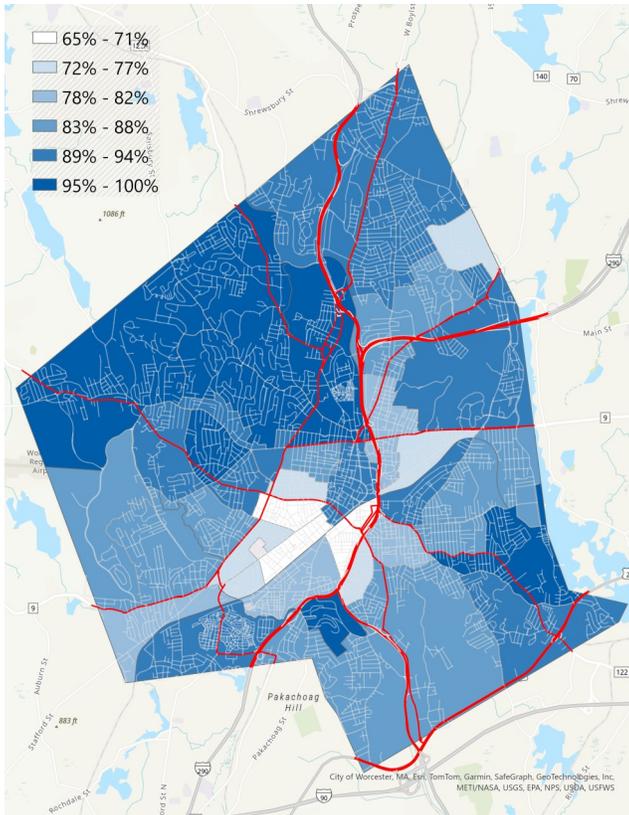
Worcester Public Schools: Advanced Placement Performance, 2022-2023			
Subject	Tests Taken	Percent Score 1-2	Percent Score 3-5
All Subjects	2,283	62.1%	37.9%
Arts	77	45.5%	54.5%
English Language Arts	402	58.2%	41.8%
Foreign Languages	104	25.0%	75.0%
History and Social Science	798	70.4%	29.6%
Math & Computer Science	487	68.0%	32.0%
Science and Technology	343	59.5%	40.5%
Capstone	72	36.1%	63.9%

Source: Massachusetts Department of Elementary & Secondary Education

Source: Massachusetts Department of Elementary & Secondary Education

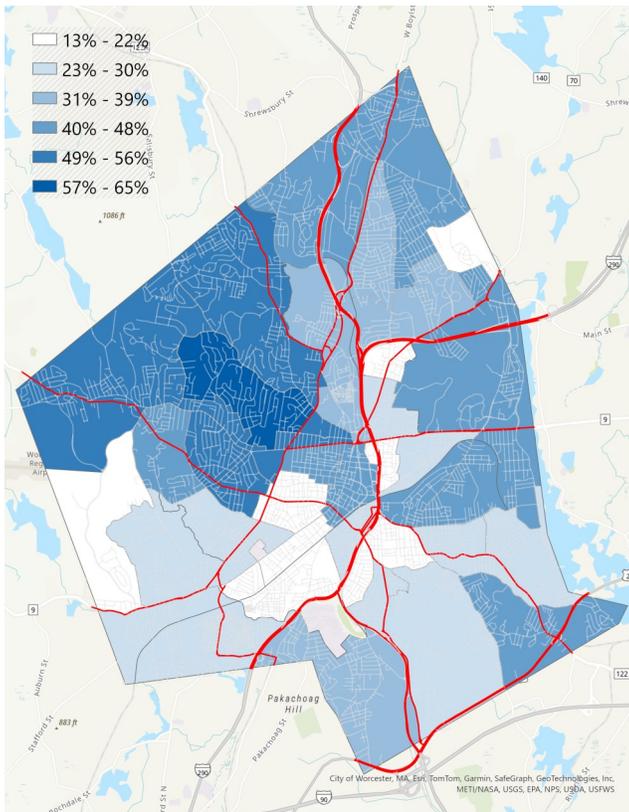


WORCESTER: PERCENT WITH HIGH SCHOOL DEGREE OR HIGHER, 2022



For Populations age 25 or greater
Source: U.S. Census Bureau, 2022 5-Year American Community Survey

WORCESTER: PERCENT WITH BACHELOR'S DEGREE OR HIGHER, 2022



For Populations age 25 or greater
Source: U.S. Census Bureau, 2022 5-Year American Community Survey

Worcester: Educational Attainment, 2022		
	Number	Percent
Population 25 Years and Over	133,442	
Less than 9th Grade	8,377	6.3%
9th to 12th Grade, No Diploma	10,410	7.8%
High School Graduate, Includes Equivalency	37,674	28.2%
Some College, No Degree	22,311	16.7%
Associate's Degree	10,515	7.9%
Bachelor's Degree	26,083	19.5%
Graduate or Professional Degree	18,072	13.5%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Greater Worcester: Percent with Bachelor's Degree or Higher, 2022	
Auburn	41.9%
Boylston	53.4%
Grafton	53.5%
Holden	59.3%
Leicester	28.0%
Millbury	32.8%
Paxton	51.1%
Shrewsbury	65.4%
West Boylston	38.9%
Worcester	33.1%

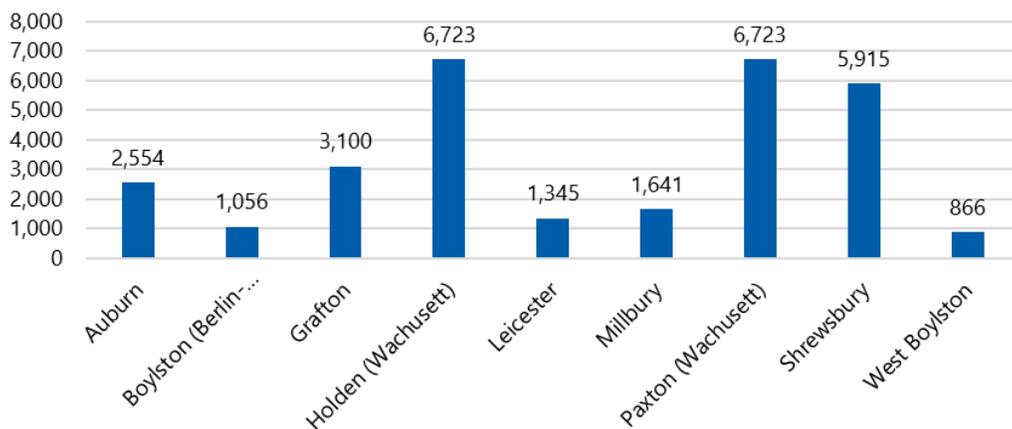
For Population's age 25 or greater
Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Greater Worcester: Colleges & Universities, 2023
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.



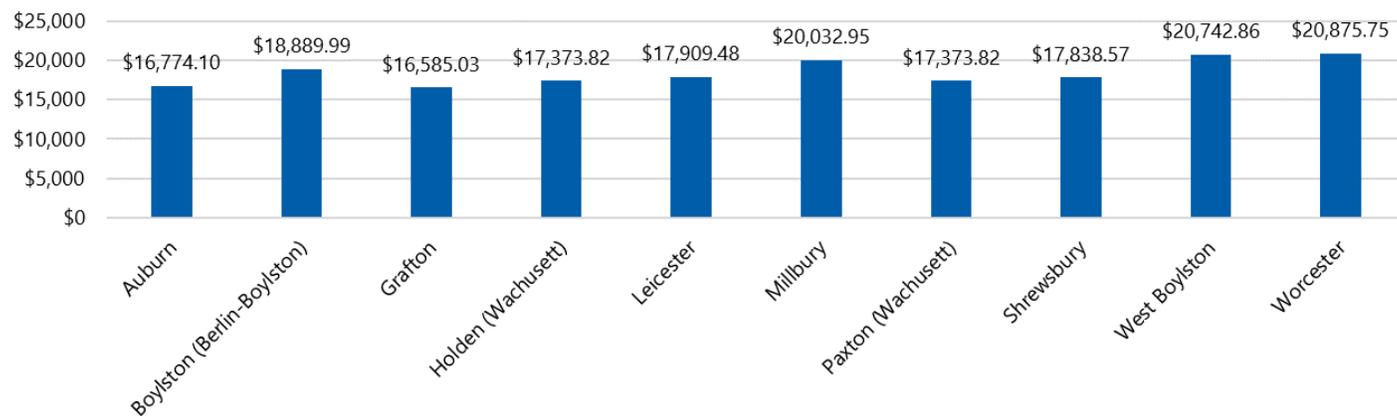
GREATER WORCESTER: NUMBER OF IN-DISTRICT STUDENTS, 2022-2023



The towns of Holden and Paxton are part of the Wachusett Regional School District, the largest regional district in the Commonwealth. The town of Boylston oversees a K-5 elementary school and is part of the Berlin-Boylston Regional School District for Grades 6-12.

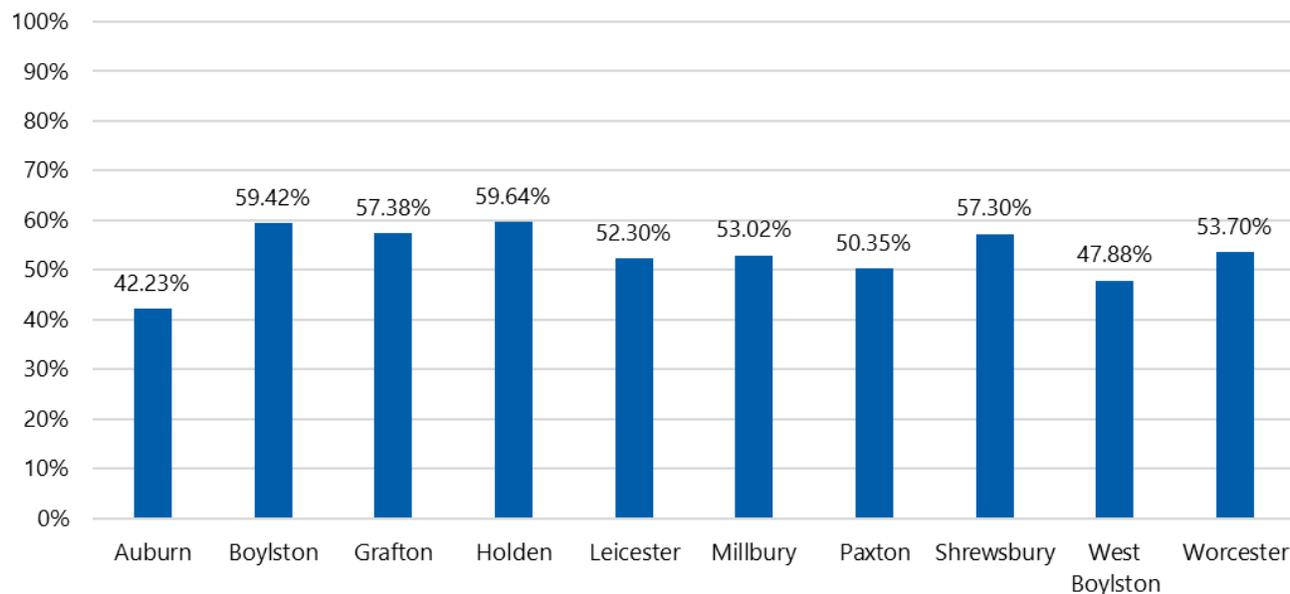
Source: Massachusetts Department of Elementary & Secondary Education

GREATER WORCESTER: PER PUPIL SPENDING, 2022-2023



Source: Massachusetts Department of Elementary & Secondary Education

GREATER WORCESTER: EDUCATION AS A PERCENT OF THE MUNICIPAL BUDGET, 2022-2023

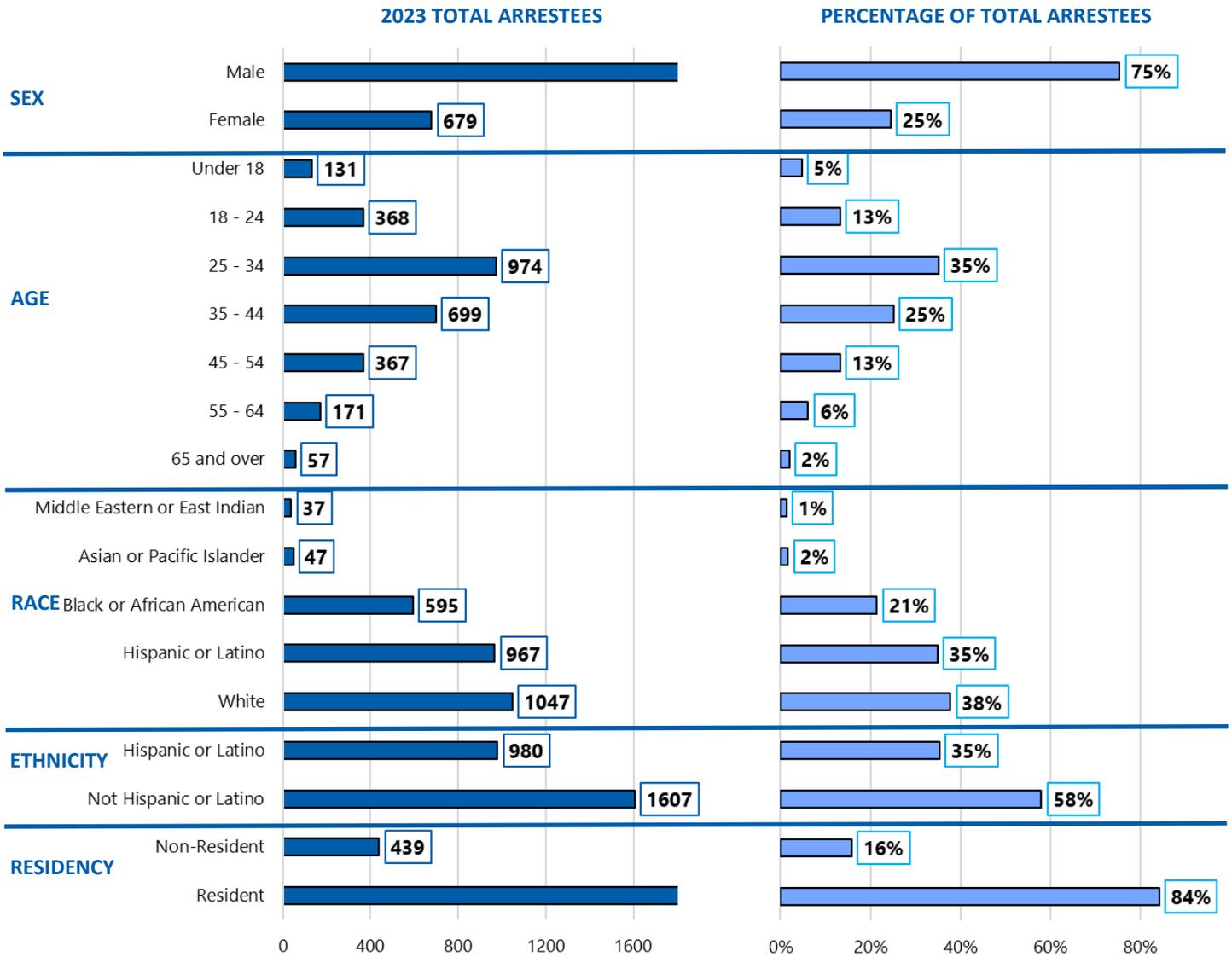


*Includes state aid

Source: Greater Worcester FY23 Budgets



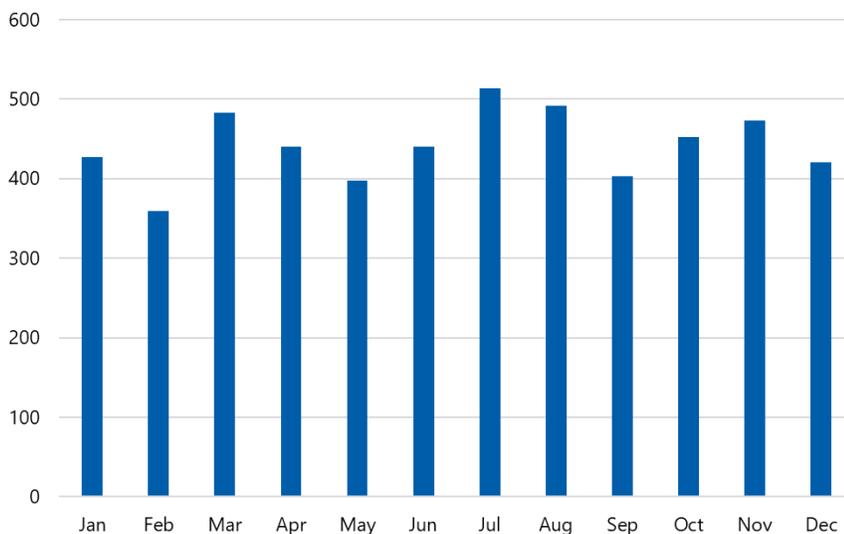
WORCESTER: ARRESTS BY THE WORCESTER POLICE DEPARTMENT, 2023



Source: Worcester Police Department

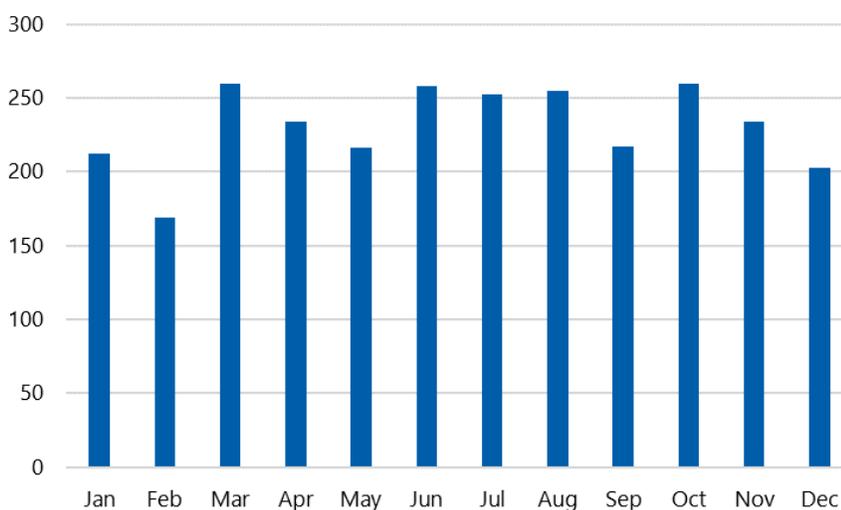


WORCESTER: OFFENSES BY MONTH, 2023



Source: Worcester Police Department

WORCESTER: ARRESTEES BY MONTH, 2023



Source: Worcester Police Department

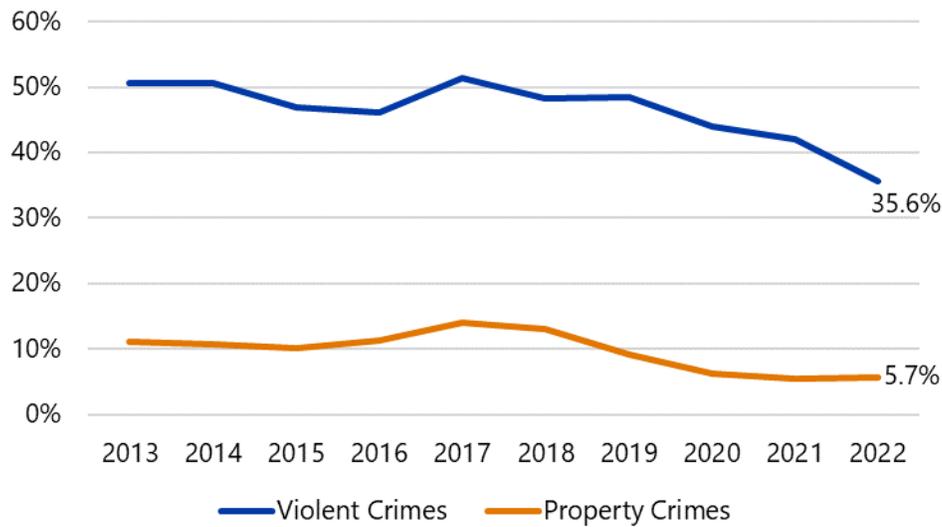
Worcester: Charges, 2023			
Simple Assault	800	Stolen Property Offenses	26
Aggravated Assault	639	Prostitution	24
Drug/Narcotic Violations	373	Theft from Building	23
Weapon Law Violation	349	All Other Thefts	22
Disorderly Conduct	324	Kidnapping/Abduction	20
Destruction/Damage/Vandalism of Property	157	Counterfeiting/Forgery	18
Shoplifting	80	Theft from Motor Vehicle	11
Burglary/Breaking & Entering	74	Impersonation	9
Motor Vehicle Theft	61	Arson	6
Non-NIBRS Offense	56	Credit Card/Automatic Teller Fraud	5
Forcible Rape	46	Liquor Law Violation	3
Driving Under the Influence	42	Pornography/Obscene Material	3
Assault - Intimidation	39	Extortion/Blackmail	2
Robbery	32	All Other Offenses	2,055
Total			5,299

*An arrested individual may result in one or more offenses.

Source: Worcester Police Department



WORCESTER: CLEARANCE RATES BY CRIME TYPE, 2013-2022



Source: Federal Bureau of Investigation's Crime Data Explorer

Worcester: Violent Crime reported to Worcester Police Department, 2013-2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Aggravated Assault	1,236	1,350	1,186	1,178	976	928	882	902	955	1,026
Homicide	9	6	8	8	5	5	13	10	6	11
Rape (Including Legacy Definition)	23	10	33	66	54	55	45	49	52	42
Robbery	483	402	407	394	324	290	229	210	191	166
Burglary	1,916	1,417	1,214	1,367	866	849	751	666	713	696
Larceny-theft	3,932	3,829	3,765	3,478	2,786	2,790	2,637	2,588	2,452	2,408
Motor Vehicle Theft	399	366	396	519	396	339	370	448	376	340
Arson	7	2	3	5	7	9	6	13	12	7

Source: Federal Bureau of Investigation's Crime Data Explorer

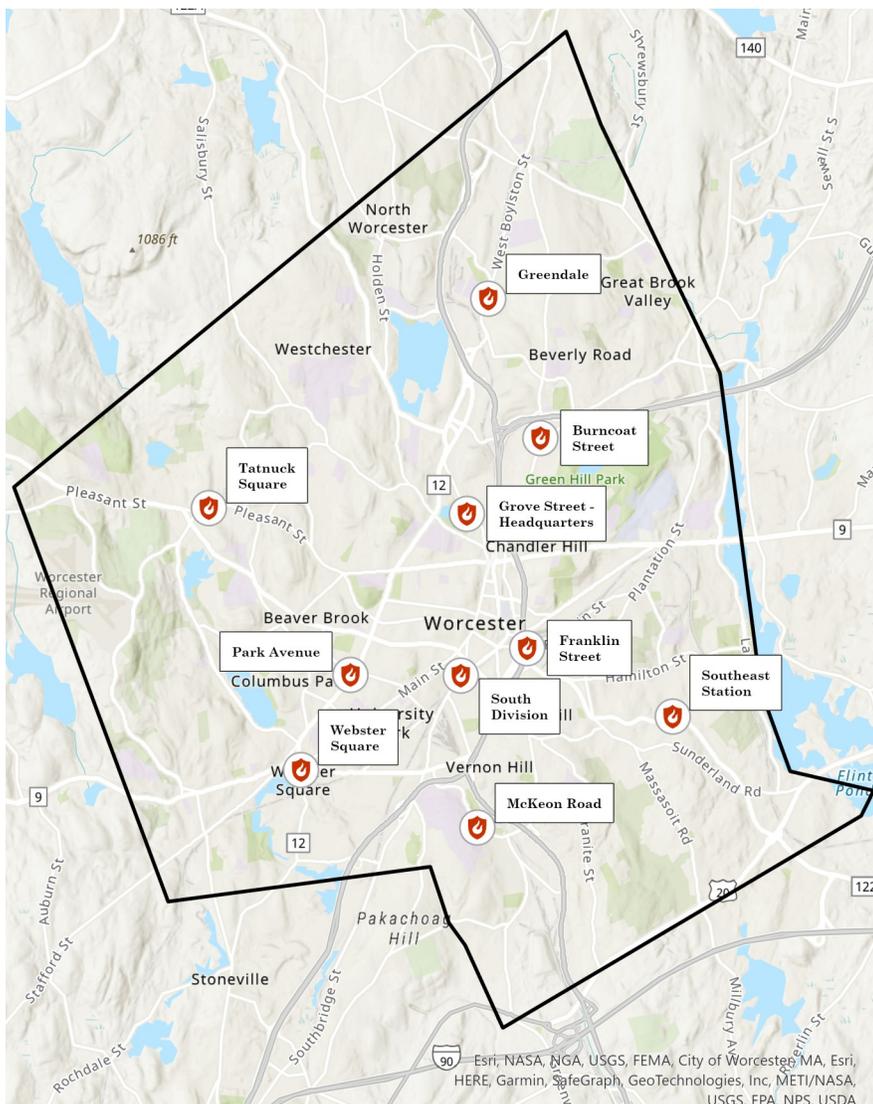
Worcester: Staffing for Police & Fire, FY24

Fire		Police	
Fire Chief	1	Chief of Police	1
Assistant Fire Chief	2	Deputy Police Chief	4
Deputy Fire Chief	4	Police Captain	8
District Fire Chief	12	Police Lieutenant	24
Captain	28	Police Sergeant	59
Lieutenant	70	Police Officers	352
Firefighter	327	Other	59
Other	14		
TOTAL	458	TOTAL	507

Source: City of Worcester, FY24 Budget



WORCESTER: FIRE DEPARTMENT LOCATIONS



Worcester: Fire Stations & Resources, 2023	
Station	Address
Burncoat Street	19 Burncoat Street, 01605
	Engine 8
Franklin Street	266 Franklin Street, 01604
	Engine 6, Engine 12 and Ladder 1
Greendale	438 West Boylston Street, 01606
	Engine 11 and Ladder 6
Grove Street	141 Grove Street, 01605
	Engine 3, Engine 16, Ladder 2 and Car 3
McKeon Road	80 McKeon Road, 01607
	Engine 15 and Ladder 5
Park Avenue	424 Park Ave, 01610
	Engine 4 and Ladder 7 and Safety
South Division	180 Southbridge Street, 01608
	Engine 2, Engine 13, Ladder 3, Car 4 and Scuba 1
Southeast Station	745 Grafton Street, 01604
	Engine 7 and Haz Mat 33
Tatnuck Square	1067 Pleasant Street, 01602
	Engine 9
Webster Square	40 Webster Street, 01603
	Engine 5, Ladder 4, Special Ops 1 and SCBA Unit

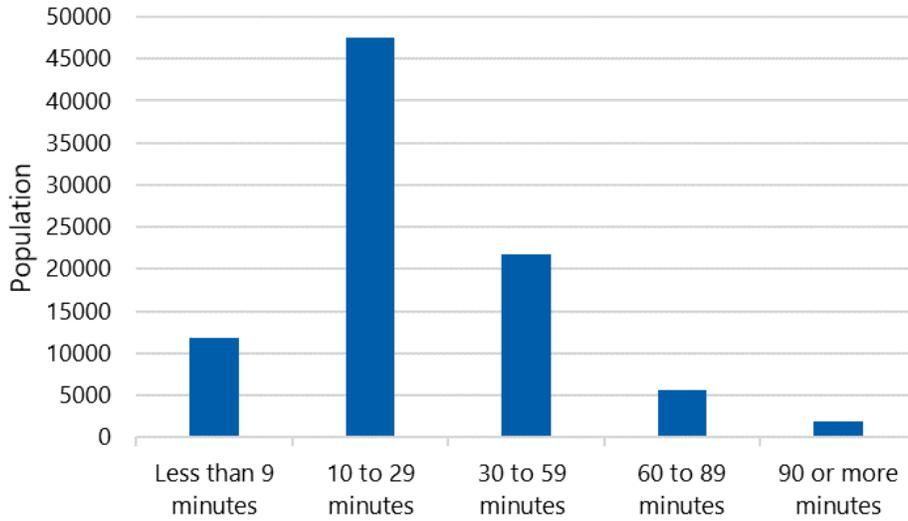
WORCESTER: WORCESTER FIRE DEPARTMENT ACTIVITY, 2023

NFIRS Incident Type	2015	2016	2017	2018	2019	2020	2021	2022	2023
1 - Fire	1,502	1,425	1,266	1,381	1,307	911	1,156	1,181	1,145
2 - Overpressure / rupture	47	30	29	36	75	15	23	22	24
3 - EMS / rescue	22,521	24,080	23,727	22,339	21,489	11,572	20,270	22,913	23,515
4 - Hazardous conditions	986	926	1,041	1,061	1,004	759	966	913	911
5 - Service calls	1,333	1,419	1,439	2,338	1,947	1,299	1,805	1,985	1,993
6 - Good intent	2,149	1,951	2,168	2,340	2,147	1,157	1,779	1,877	1,718
7 - False alarm	3,206	3,281	3,138	3,618	3,489	2,122	3,395	3,782	3,994
8 - Weather / natural disaster	3	3	1	6	1	2	0	5	0
Total	31,747	33,115	32,809	33,119	31,459	17,837	29,394	32,678	33,300

Source: City of Worcester, Informing Worcester



WORCESTER: COMMUTE TIMES, 2022

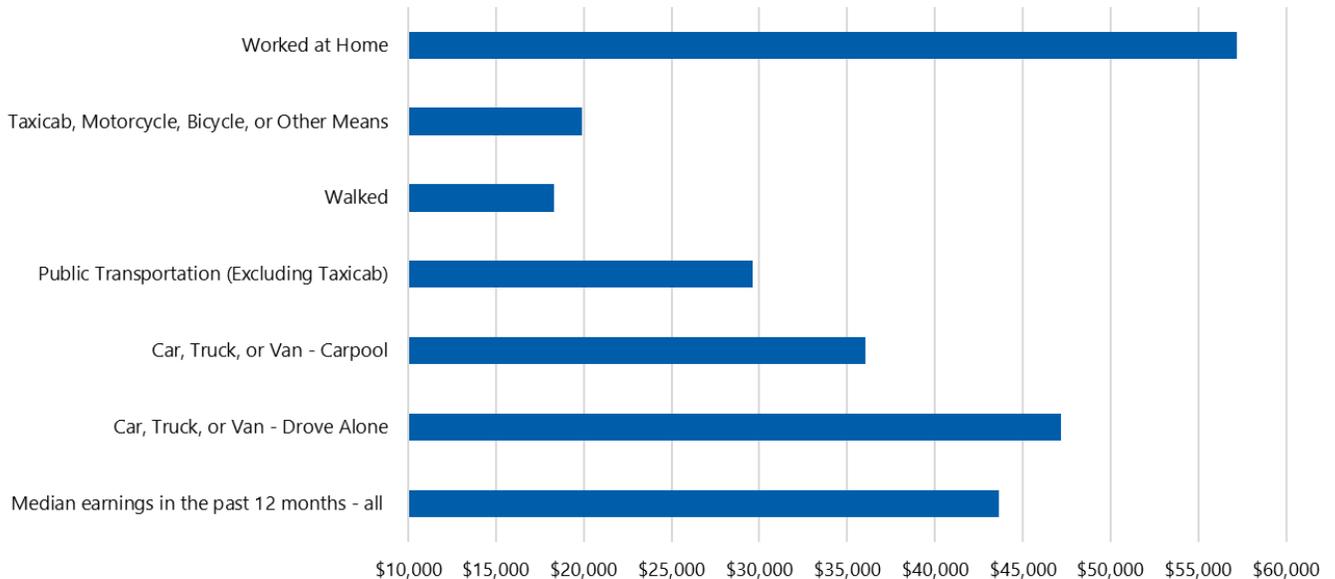


Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Worcester Work Commute Patterns (Workers 16 Years & Older), 2022				
	Number Worcester Residents	Percent Worcester Residents	Number MA Residents	Percent MA Residents
Car, Truck, or Van - Drove Alone	65,375	67.8%	2,308,427	64.3%
Car, Truck, or Van - Carpooled	11,759	12.2%	251,971	7.0%
Public Transportation (Excluding Taxicab)	2,541	2.6%	271,923	7.6%
Walked	5,484	5.7%	154,993	4.3%
Other Means (Taxicab, Motorcycle, Bicycle, or Other Means)	3,676	3.8%	81,566	2.3%
Worked at Home	9,782	10.1%	526,380	14.7%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

WORCESTER: MEDIAN EARNINGS BY MEANS OF TRANSPORTATION TO WORK, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

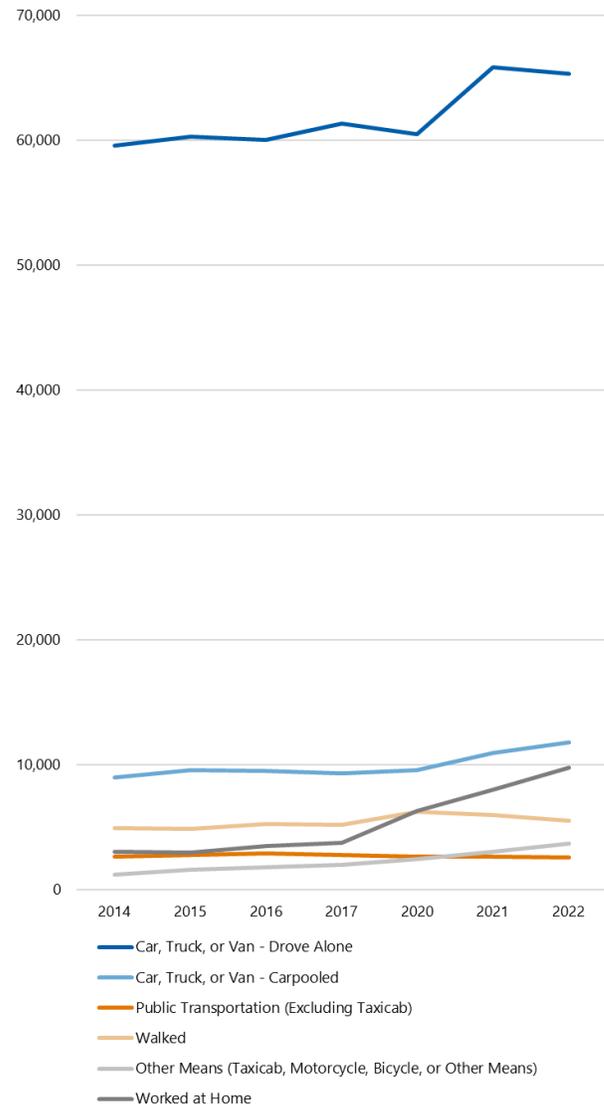


Worcester: 2023 Traffic Counts for Each Location

Location	Average Annual Daily Traffic Count
I-290 above Washington Square	126,870
I-290 above College Square	90,687
I-190 Southbound to I290 Westbound	27,638
Belmont Street at Lake Avenue	27,856
Belmont Street at Officer Manny Familia Way	17,477
I-290 Exit 13 (Kelley Square) (All Ramps)	31,183
Rt. 146 North of Rt. I-90	51,620
Park Avenue at Chandler Street	22,410
Pleasant Street West of Flagg Street	15,865
Grafton Street at Sunderland Road	17,546
Plantation Street South of Boylston Street	13,823
Salisbury Street East of Park Avenue	12,169
West Boylston Street North of Mountain Street	11,647
Mill Street North of Park Avenue	11,668
Green Street at Winter Street	8,776
Airport Drive at Mill Street	5,680
Pleasant Street West of Park Ave	7,453
Pleasant Street East of Park Ave	10,602
Pleasant St. & Highland Ave. at Newton Square	30,427
Madison St between Washington and Harding	26,267

Source: Massachusetts Department of Transportation

WORCESTER: WORK COMMUTE PATTERNS, WORKERS 16 YEARS AND OLDER, 2014-2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey

Greater Worcester: Registered Motor Vehicles, 2023

	Passenger	Truck	Motorcycle	Bus	Ambulance	Camper	Auto-Home	Equipment	Low Speed	Fire Truck	Anonymized	Total
Auburn	14,794	862	312	10	2	30	24	40		3	62	16,139
Boylston	4,782	280	125		1	13	15			1	79	5,296
Grafton	15,589	214	345	34		23	30	2		5	96	16,338
Holden	16,042	267	328		3	40	10	5		3	77	16,775
Leicester	9,151	144	291	23	4	26	18			5	76	9,738
Millbury	11,887	342	355	26		11	30	4		5	83	12,743
Paxton	3,941	59	100		1	8		2			61	4,172
Shrewsbury	29,734	868	452	155		27	25	10		3	86	31,360
West Boylston	6,439	221	159	6	3	9	7	3		1	77	6,925
Worcester	109,712	2,097	1,310	480	54	76	62	54	5	24	83	113,957

Source: Massachusetts Department of Transportation, Vehicle Census



Worcester Street Infrastructure, 2024	
Streets (Miles)	
Public Streets	438
Private Streets	79
Sidewalks (Miles)	
Asphalt	306
Concrete	182
Street Lights (Energy-Efficient LED)	Approximately 14,000
Parking Meters	Approximately 1,200
Electric Car Charging Ports	
Publicly Owned	30
w/in 10 miles of Worcester (ChargeHub)	269

Source: Worcester Department of Public Works & Parks, Worcester City Clerk, & ChargeHub

Worcester: Taxi and Livery Service, as of July 2024	
Taxi Medallions	88
Taxi Drivers	91
Registered Livery Vehicles	39
Livery Drivers	25

Source: Worcester Police Department

Worcester Regional Airport, ORH, 2023	
Aircraft Operations - Number of Flights	
Itinerant General Aviation	10,564
Local General Aviation	6,518
Air Taxi	3,004
Air Carrier	3,316
Military	974
Number of Commercial Passengers	204,362
Aircraft Based at Field	
Single Engine Planes	49
Multi-Engine Planes	3
Jet	2

Source: Worcester Regional Airport, Federal Aviation Administration ADIP

Worcester Trash and Recycling, 2023	
Trash Disposal Tonnage	25,278
Single Stream Recyclables Tonnage	9,944
Yard Waste Tonnage	5,130

Source: City of Worcester

Worcester: Rideshare Data, 2019-2023					
	2019	2020	2021	2022	2023
Rides Started in Worcester	1,606,509	808,773	786,978	1,235,568	1,812,827
Rides Within Worcester	1,327,546	652,002	595,910	960,146	1,429,808
Rides Ended in Worcester	1,564,526	776,240	740,970	1,181,749	1,750,246
Rides Started per person	8.87	4.47	3.81	5.98	8.8
Rides Ended Per Person	8.64	4.29	3.59	5.72	8.5
Average Miles Per Hour	21	26	27.78	27.1	26.5
Average Ride Distance	2.8	5.3	6.3	5.85	5.6
Average Ride Time	7.9	12.11	13.62	12.96	12.6

Source: Massachusetts Transportation Network Company, Division of Department of Public Utilities

Worcester Municipal Parking Garages Capacity, 2023	
Pearl Elm	819
Federal Plaza	511
Major Taylor Boulevard	983
Union Station	500
Worcester Common	500
Polar Park	340
of which Private	240
of which Public	100

Source: City of Worcester, Comprehensive Annual Financial Report, 2022

Worcester Water and Sewer Infrastructure, 2023	
Miles of Water Main Pipe	634
Reservoirs	10
Fire Hydrants	
Public	5,365
Private	495
Total Miles of Sewer Pipes	869
Sanitary Sewers	447
Surface Sewers	388
Combined Sewers	61
Number of Manholes	28,293
Number of Catch Basins	16,138

Source: City of Worcester, City Council Manual 2023-2024

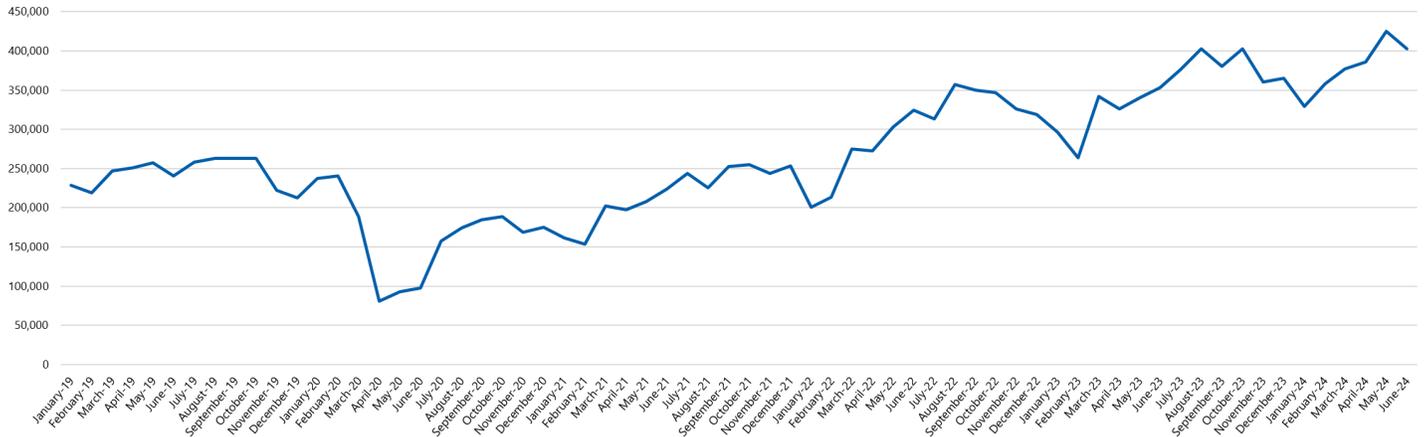


Worcester Regional Transit Authority, FY2024	
Service Area	
Number of Towns Served across All Service Types	37
<i>of which Fixed-Route</i>	16
Population Served across All Service Types	578,732
Key Data for Fixed-Route Service	
Annual Passenger Miles	16,391,270
Annual Unlinked Passenger Trips	4,565,909
Average Weekday Unlinked Passenger Trips	15,762
Average Saturday Unlinked Passenger Trips	7,768
Average Sunday Unlinked Passenger Trips	3,297
Annual Vehicle Revenue Miles	2,030,245
Annual Vehicle Revenue Hours	165,604
Vehicles Operated Across All Service Types	
Vehicles Operated	100
Vehicles Available	123
Number of Electrics	0
Number of Clean Diesel Buses	45
Number of Hybrid Diesel-Electric Buses	13

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.

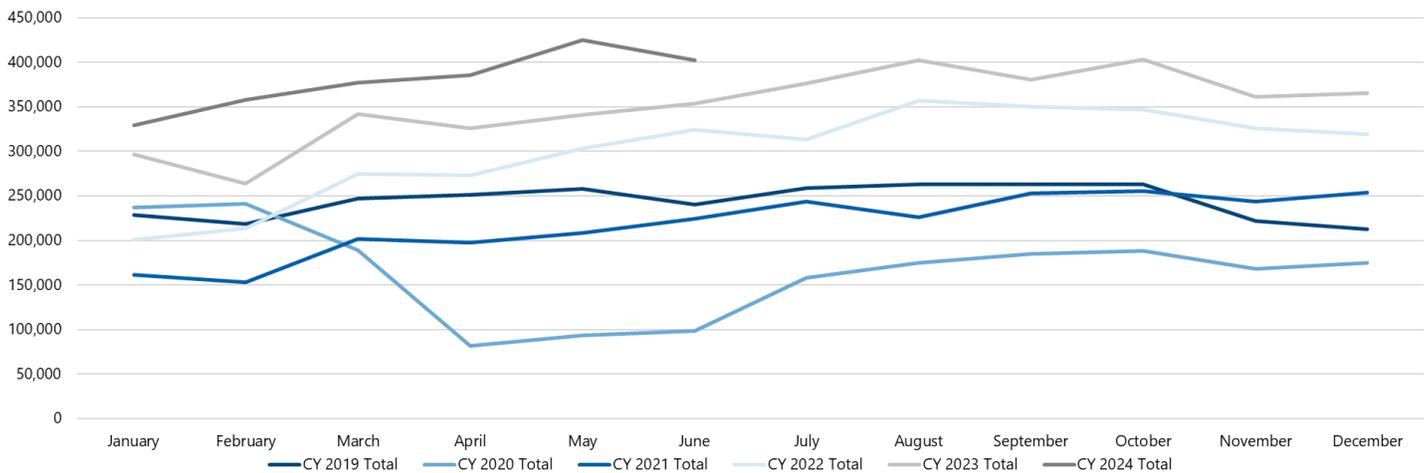
Source: Worcester Regional Transit Authority

WORCESTER: MONTHLY FIXED ROUTE RIDERSHIP, JANUARY 2019-JUNE 2024



Source: Worcester Regional Transit Authority, National Transit Database

WORCESTER: MONTHLY FIXED ROUTE RIDERSHIP, JANUARY 2019-JUNE 2024



Source: Worcester Regional Transit Authority, National Transit Database

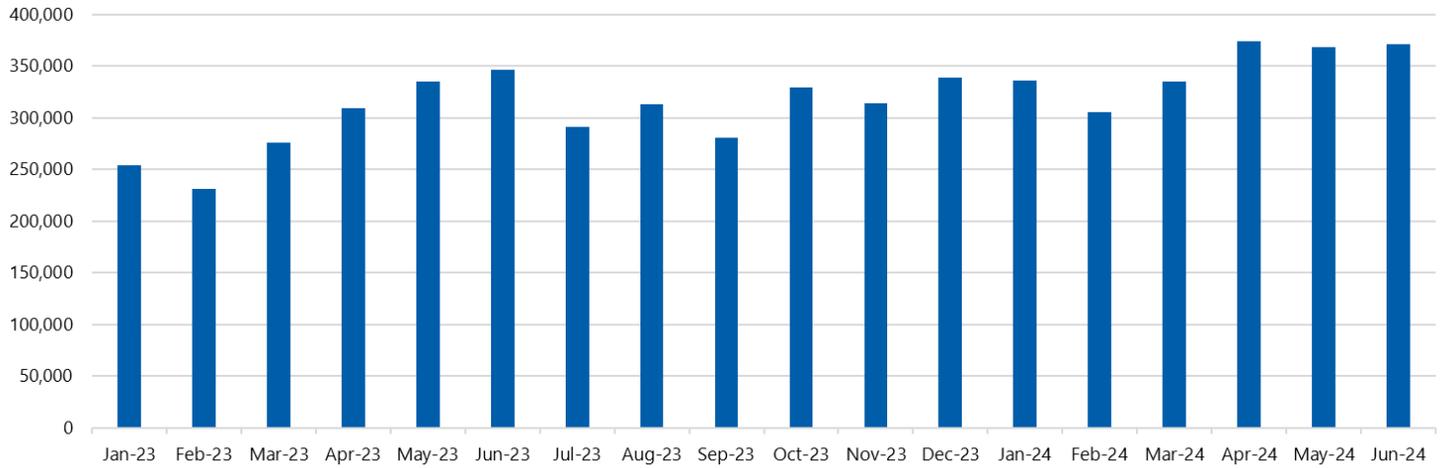


Worcester Commuter Rail: Spring/Summer 2024

Inbound Trains (Weekday)	22
Outbound Trains (Weekday)	22
Inbound Trains (Weekend & Holiday)	10
Outbound Trains (Weekend & Holiday)	10

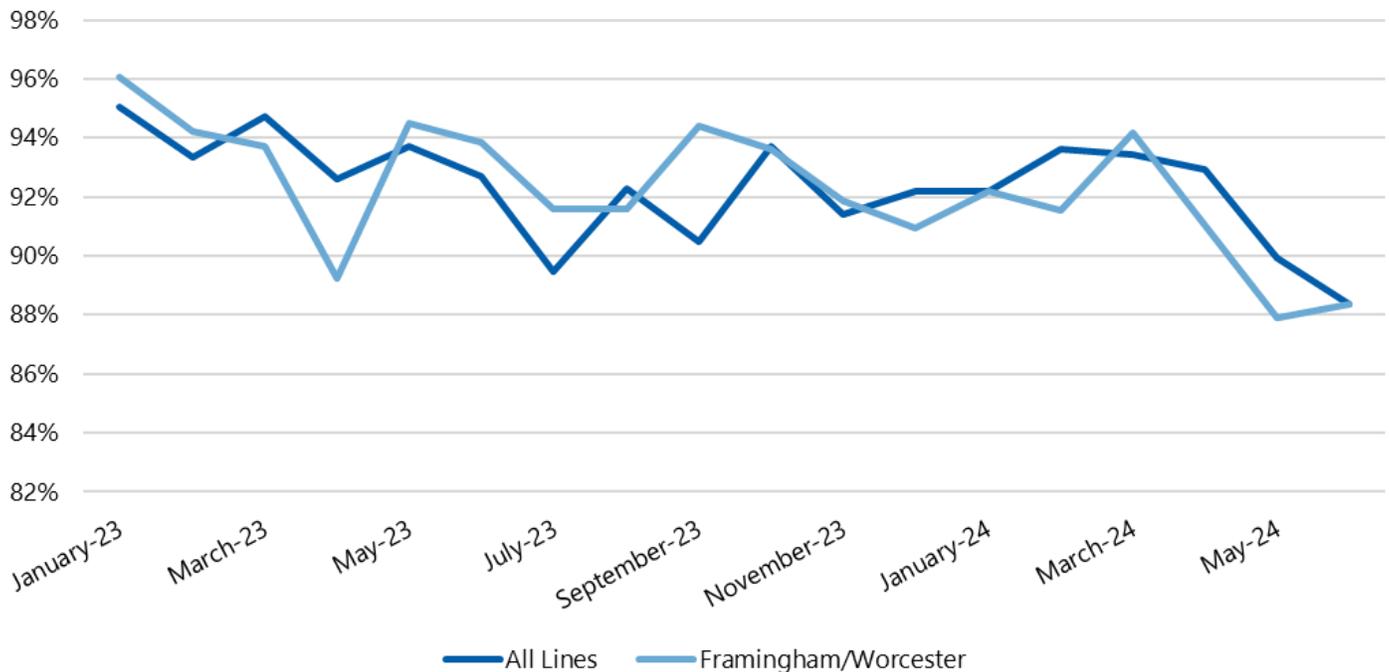
Source: Massachusetts Bay Transportation Authority

FRAMINGHAM/WORCESTER COMMUTER RAIL: ESTIMATED BOARDINGS BY MONTH, JANUARY 2023-JUNE 2024



Source: Massachusetts Bay Transportation Authority

MBTA COMMUTER RAIL: ON-TIME PERFORMANCE, JANUARY 23-MAY 24



Source: Massachusetts Bay Transportation Authority



Worcester Cultural Coalition Members, by sector, 2024	
Performing Arts	Art Service Organizations
4th Wall Stage Company	Art Service Organizations
All Saints Music Series	Art in the Park, Worcester
American Guild of Organists, Worcester Chapter	ArtReach
Apple Tree Arts	ArtsWorcester
Arts on the Green	Burncoat Center for Arts and Wellness Street
Arts Transcending Borders at The College of the Holy Cross	Calliope Productions, Inc.
Assabet Valley Mastersingers	Casita Cultura Latina
Assumption College - Human Arts	CENTRO, Inc.
Calliope Productions, Inc.	Cofradia Cultural
Casita Cultura Latina	Creative Hub Worcester Inc.
Central Massachusetts Jewish Theatre Company	Friends of the Stone Church, Inc.
Clark Arts	Geek.Bar
Cofradia Cultural	Guardians of Traditions
Colt and the Coyotes	Hellenic Arts Society
Crocodile River Music	Main IDEA
Flamenco Worcester	MASSCreative
Friends of the Stone Church, Inc.	Master Singers of Worcester
Greater Worcester Opera, Inc.	Monano Art
Guardians of Traditions	New England Foundation for the Arts
Hellenic Arts Society	New England Jazz Enrichment Foundation
Joy of Music	No Evil Project
Massachusetts Symphony Orchestra	NV Creations
Master Singers of Worcester	Pakachoag Music School of Greater Worcester
Mechanics Hall	qFLIX USA, Inc.
Monano Art	Ritmos Dance Studio Inc.
Music Worcester, Inc.	Southeast Asian Coalition of Central Massachusetts
Musicians of the Old Post Road	stART on the Street
New England Jazz Enrichment Foundation	Technocopia
New England Symphony Orchestra	The Hanover Theatre and Conservatory for the Performing Arts
NV Creations	The Shakespeare Concerts
Pakachoag Music School of Greater Worcester	ValleyCAST
Prior Performing Arts Center	Worcester Arts Council
Raices Cultural Arts	Worcester Caribbean American Carnival Association
Ritmos Dance Studio Inc.	Worcester Center for Crafts
Salisbury Singers, Inc.	Worcester Hip Hop Congress
Southeast Asian Coalition of Central MA	Worcester Youth Orchestras, Inc.
Studio Theatre Worcester	Museums & Galleries
The Hanover Theatre and Conservatory for the Performing Arts	ArtsWorcester
Worcester Youth Orchestras, Inc.	Casita Cultura Latina
The Shakespeare Concerts	Iris and B. Gerald Cantor Art Gallery, College of the Holy Cross
ValleyCAST	Museum of Russian Icons
Vox New England	NV Creations
WCCA TV "The People's Channel"	Old Sturbridge Village
WCLOC Theater Company	Southeast Asian Coalition of Central Massachusetts
Westborough Community Chorus	Sprinkler Factory
Worcester Chamber Music Society	ValleyCAST
Worcester Children's Chorus	Worcester Art Museum
Worcester Music Academy	Worcester Historical Museum
Worcester State University Visual and Performing Arts	Worcester State University Visual and Performing Arts
Worcester Youth Orchestras, Inc.	



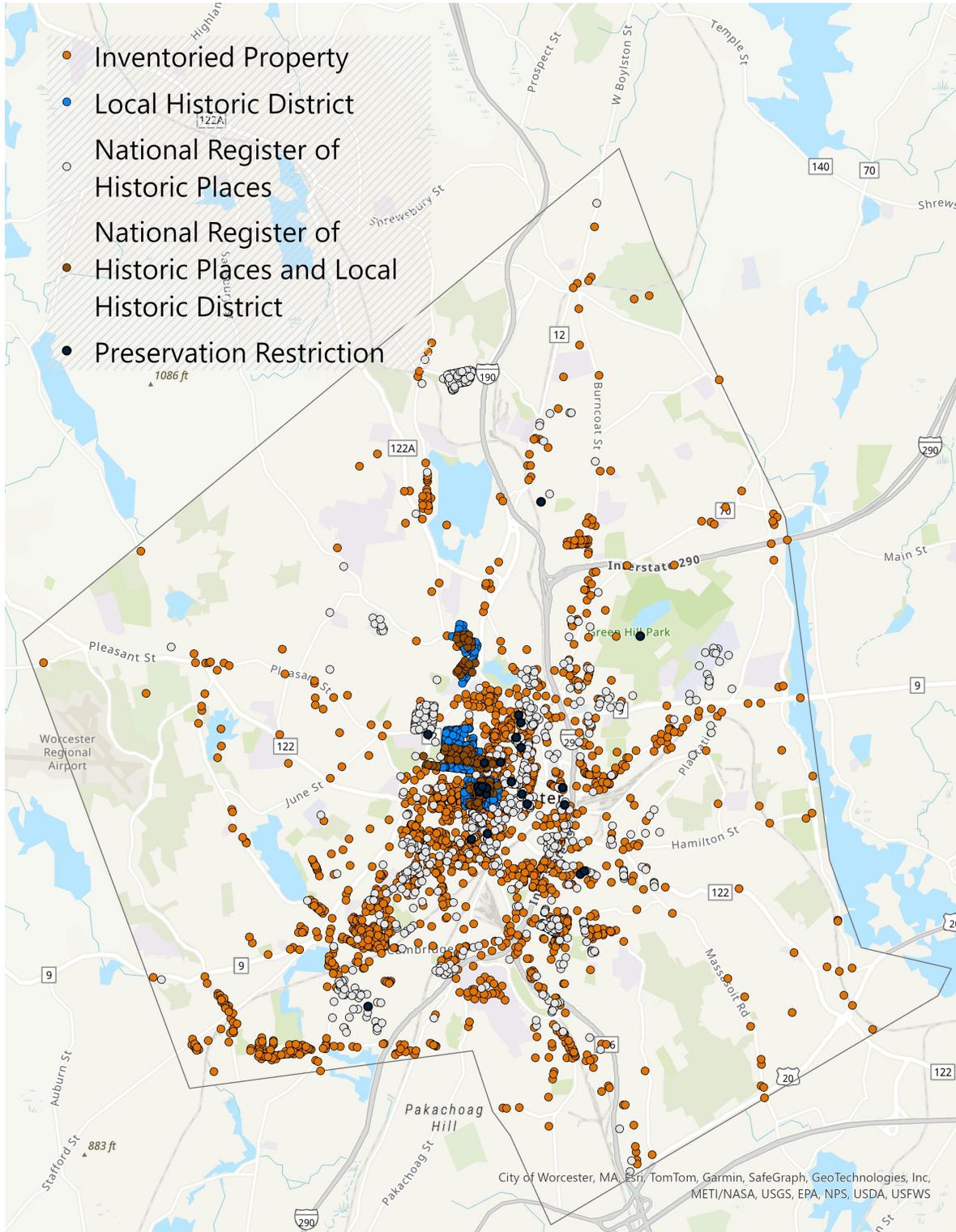
Worcester Cultural Coalition Members, by sector 2023	
History & Heritage	Science and Nature
African Community Education	Art Reach
American Antiquarian Society	EcoTarium
Cofradia Cultural	Mass Audobon Broad Meadow Brook Conservation Center & Wildlife Sanctuary
Friends of the Stone Church, Inc.	Mass Audobon Wachusett Meadow Wildlife Sanctuary
Guardians of Traditions	New England Botanic Garden at Tower Hill
Hellenic Arts Society	Regional Environmental Council (REC)
Major Taylor Museum	Technocopia
Mechanics Hall	ValleyCAST
Old Sturbridge Village	Media
OurStory Edutainment	90.5 WICN
Preservation Worcester	Avatar Computing, Inc.
Ritmos Dance Studio Inc.	MassDiGI at Becker College
Saint Spyridon Greek Orthodox Cathedral	Pride Productions
Southeast Asian Coalition of Central Massachusetts	qFLIX USA, Inc.
The Shrewsbury Street Italian Heritage Parade	Shawna E. Shea Memorial Foundation Inc.
The Village Worcester	Technocopia
TUMBAO Latin Dance Company	WCCA TV "The People's Channel"
ValleyCAST	WCUW
Worcester Hibernian Cultural Centre	Literature & Poetry
Worcester Historical Museum	American Antiquarian Society
Worcester Women's History Project	Hellenic Arts Society
Education & Libraries	Southeast Asian Coalition of Central Massachusetts
African Community Education	Technocopia
American Antiquarian Society	The Shakespeare Concerts
Assumption College- Human Arts	Worcester County Poetry Association
C.H.E.E.R. Cultural Healthy Eating Exercise Resource	
Casita Cultura Latina	
Creative Hub Worcester Inc.	
Crocodile River Music	
Guardians of Traditions	
Higgins School of Humanities at Clark University	
Pakachoag Music School of Greater Worcester	
Preservation Worcester	
Prior Performing Arts Center	
Southeast Asian Coalition of Central Massachusetts	
Technocopia	
The Hanover Theatre and Conservatory for the	
Worcester Music Academy	
Worcester Polytechnic Institute	
Worcester Public Library	
Worcester State University Visual and Performing	

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: Worcester Cultural Coalition

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, 2024



Source: Massachusetts Cultural Resource Information System



Greater Worcester: High School Sports Highlights, 2023-2024

North High Boys' Basketball: D-1 State Championship
Sutton Girls Soccer: D4 State Championship
Uxbridge Football: D-7 State Championship
Uxbridge Girl's Field Hockey: D-4 State Championship
West Boylston Football: D-8 State Championship
Westborough Boy's Tennis: D2 State Championship
Westborough Volleyball: D2 State Championship

Source: Massachusetts Interscholastic Athletic Association

Greater Worcester: College League Athletic Achievements, 23-24

Worcester State Field Hockey: MASCAC Regular Season Champions
Worcester State Men's Basketball: MASCAC Regular & Tournament Champions
WPI Men's Soccer: NEWMAC Tournament Champions
WPI Men's Basketball: NEWMAC Regular Season Champions
WPI Men's Swimming & Diving: NEWMAC Swim Coaching Staff of the Year
Assumption Ice Hockey: NE10 Championships
Assumption Men's Golf: NE10 Championship

Source: NCAA Conference Websites

Worcester: Bravehearts Baseball, 2023

Record			Attendance	
Wins	Losses	Percentage	Total	Average
39	24	0.619	53,605	1,985

Source: Baseball Point Streak

Worcester Red Sox, 2023

Record			Attendance	
Wins	Losses	Percentage	Total	Average Per Game
79	68	0.537	519,651	7,424
Notes				
Worcester Red Sox finished Fourth in the International League East Division				

Source: Standings via MILB; Attendance via MassLive

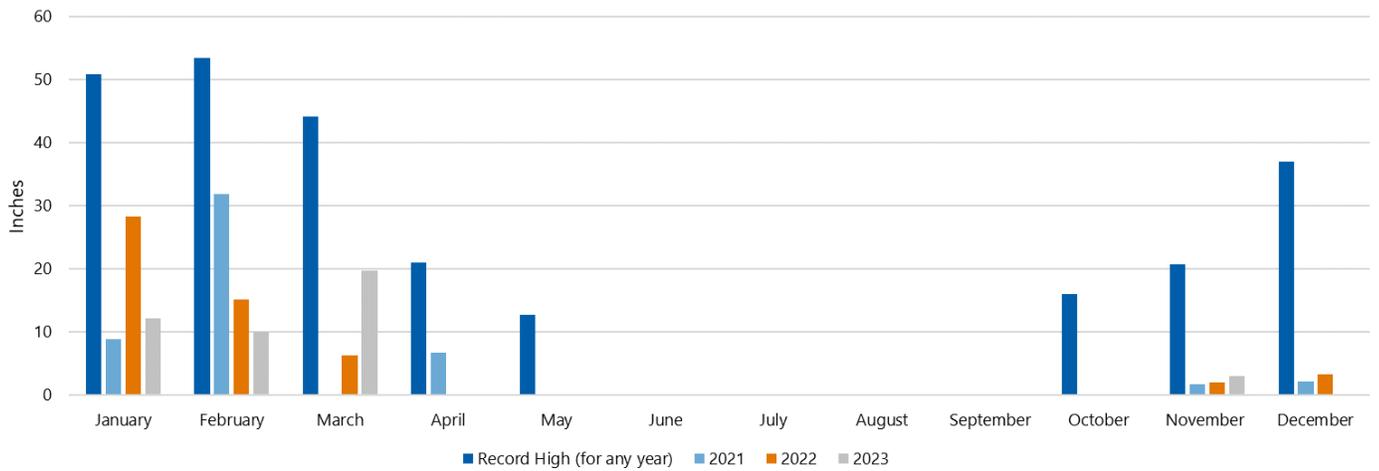
Worcester: Railers Hockey, 2023-2024

Record				
Wins	Losses	Overtime Losses	Shootout Losses	Percentage
32	32	5	3	0.5
Attendance				
The Railers ranked 23rd in the ECHL in attendance averaging 3,666 attendees per game.				

Source: East Coast Hockey League; Attendance via Hockey Database

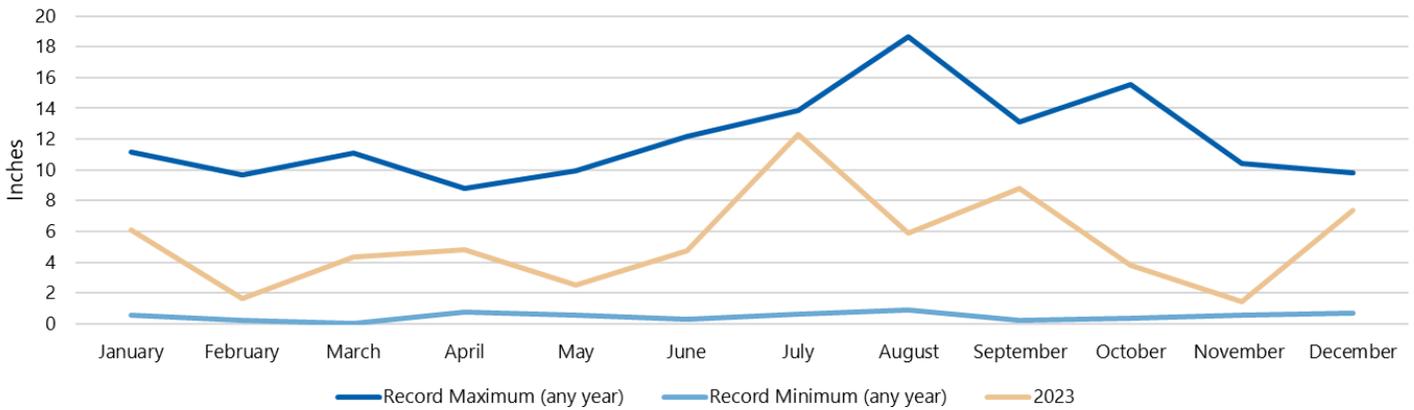


WORCESTER: SNOWFALL & RECORD HIGH BY MONTH, 2021-2023



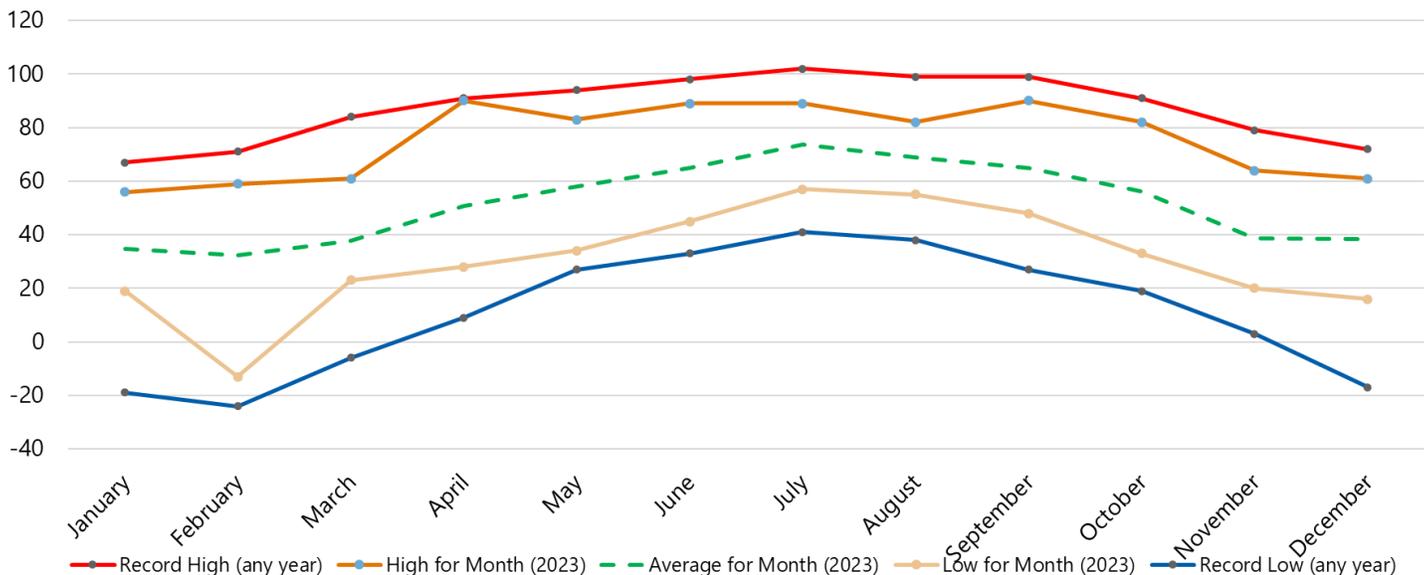
Source: National Weather Service, National Oceanic and Atmospheric Administration

WORCESTER: PRECIPITATION & RECORD BY MONTH, 2023



Source: National Weather Service, National Oceanic and Atmospheric Administration

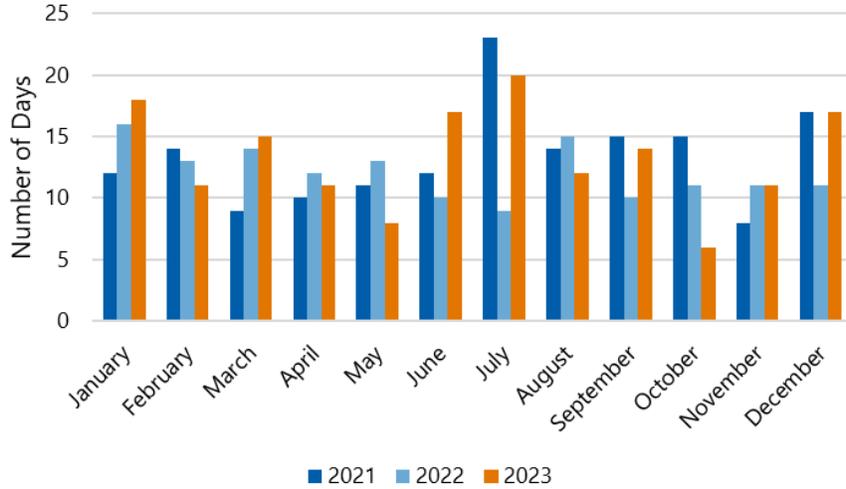
WORCESTER: AVERAGE HIGH & LOW TEMPERATURES COMPARED TO RECORD, 2023



Source: National Centers for Environmental Information, National Oceanic and Atmospheric Administration



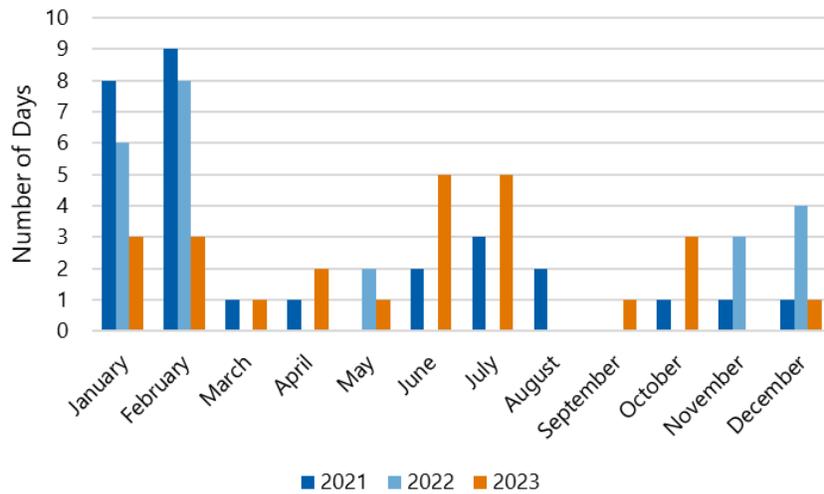
WORCESTER: NUMBER OF DAYS WITH FOG, MIST, ICE, OR FREEZING FOG, 2021-2023



*May Include Heavy Fog

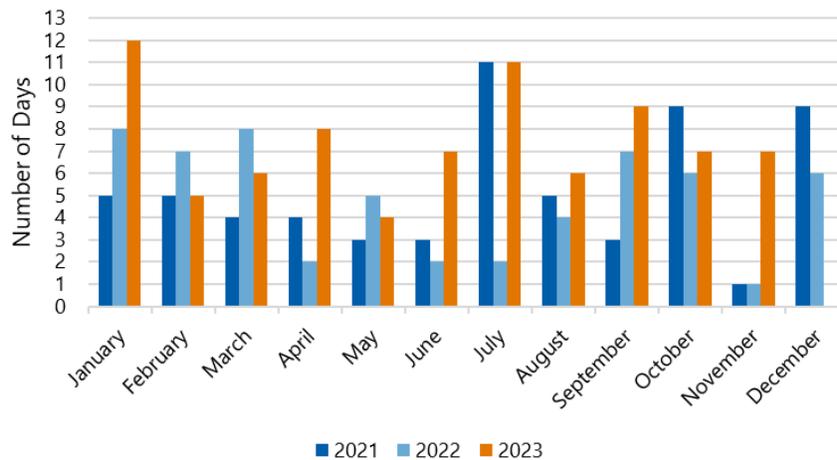
Source: National Centers for Environmental Information, National Oceanic and Atmospheric Administration

WORCESTER: NUMBER OF DAYS WITH SMOKE OR HAZE, 2021-2023



Source: National Weather Service, National Oceanic and Atmospheric Administration

WORCESTER: NUMBER OF DAYS WITH HEAVY FOG, 2021-2023

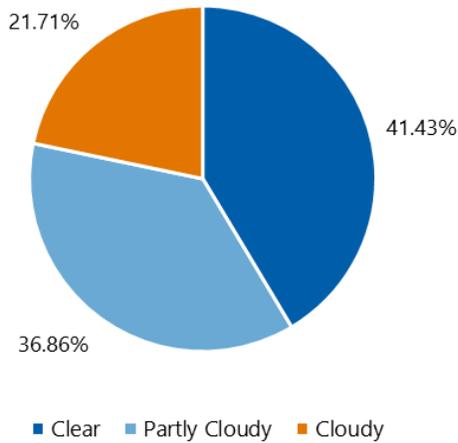


*Heavy fog is fog with visibility less than 1/4 mile

Source: National Centers for Environmental Information, National Oceanic and Atmospheric Administration

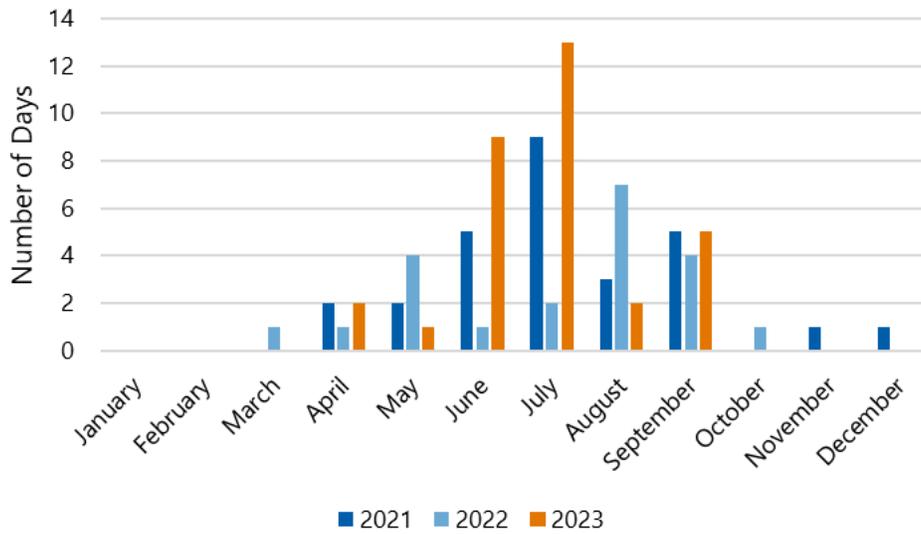


WORCESTER: CLEAR DAYS, 2023



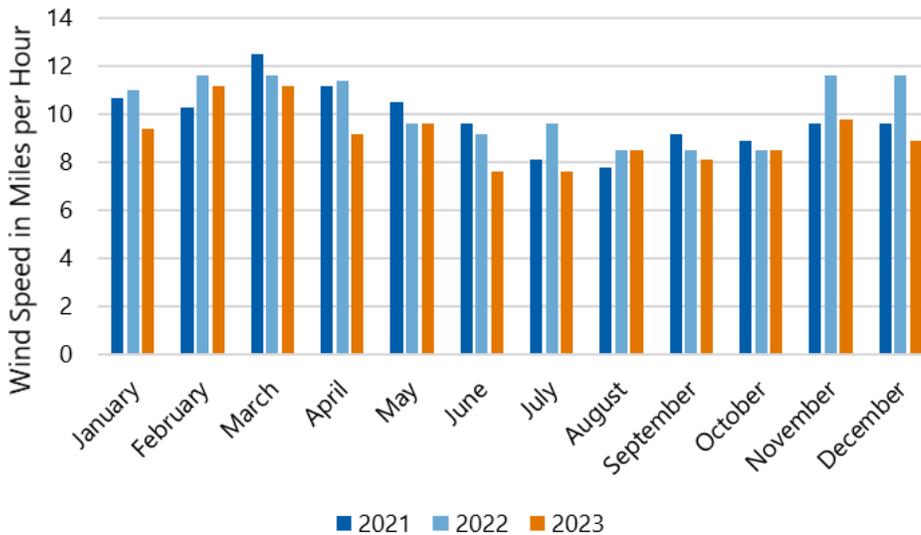
Source: National Weather Service, National Oceanic and Atmospheric Administration

WORCESTER: NUMBER OF DAYS WITH THUNDER, 2021-2023



Source: National Centers for Environmental Information, National Oceanic and Atmospheric Administration

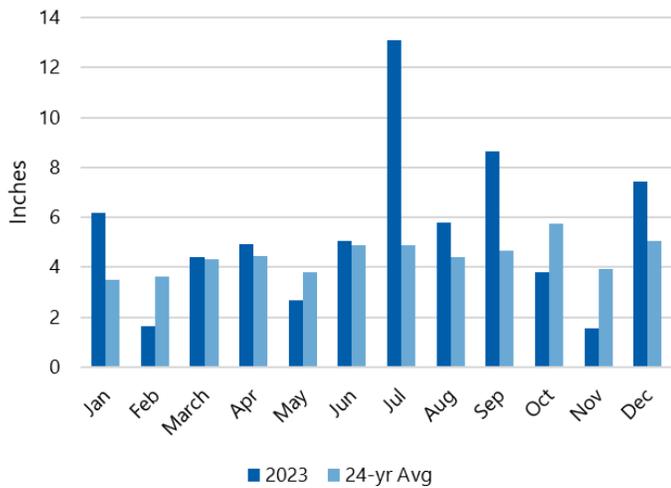
WORCESTER: AVERAGE WIND SPEED PER MONTH, 2020-2022



Source: National Centers for Environmental Information, National Oceanic and Atmospheric Administration

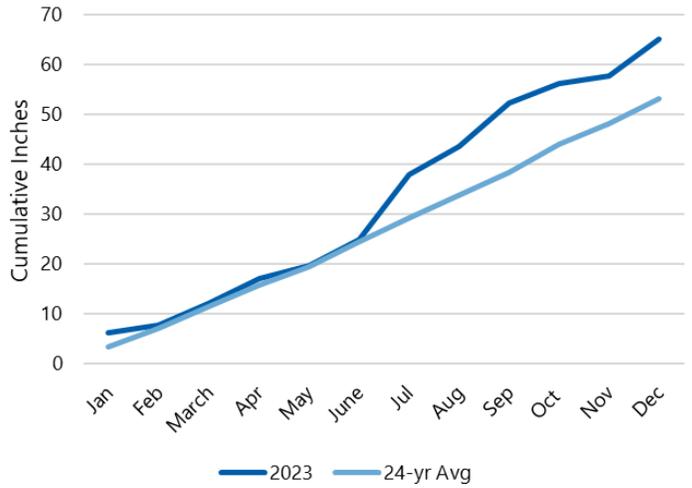


WORCESTER: MONTHLY AVERAGE RAINFALL VERSUS 24-YR AVERAGE, 2023



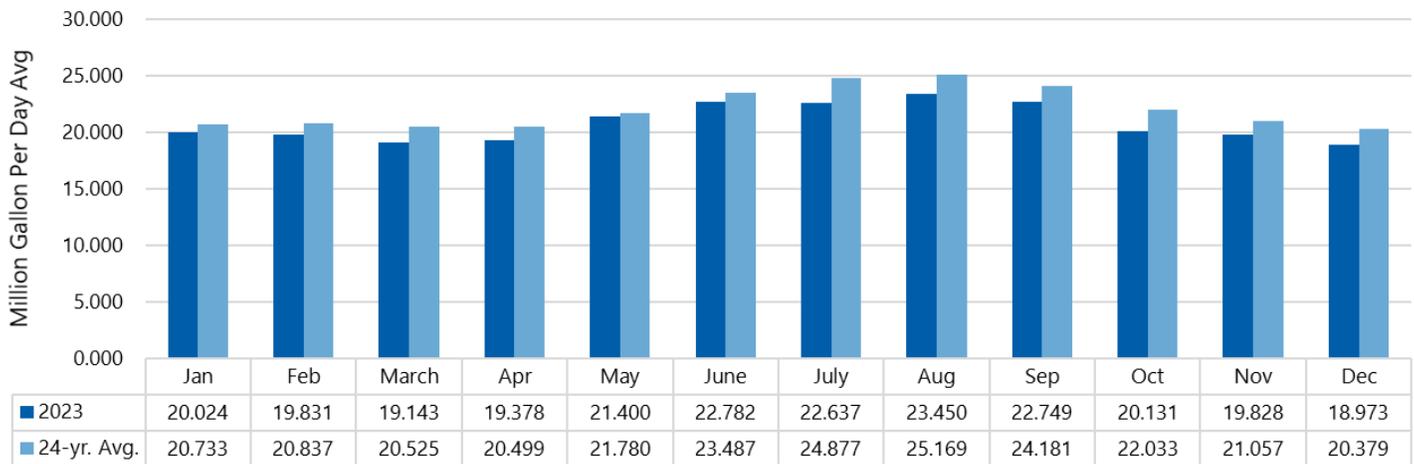
Source: City of Worcester Department of Public Works & Parks

WORCESTER: CUMULATIVE RAINFALL VERSUS 24-YR AVERAGE, 2023



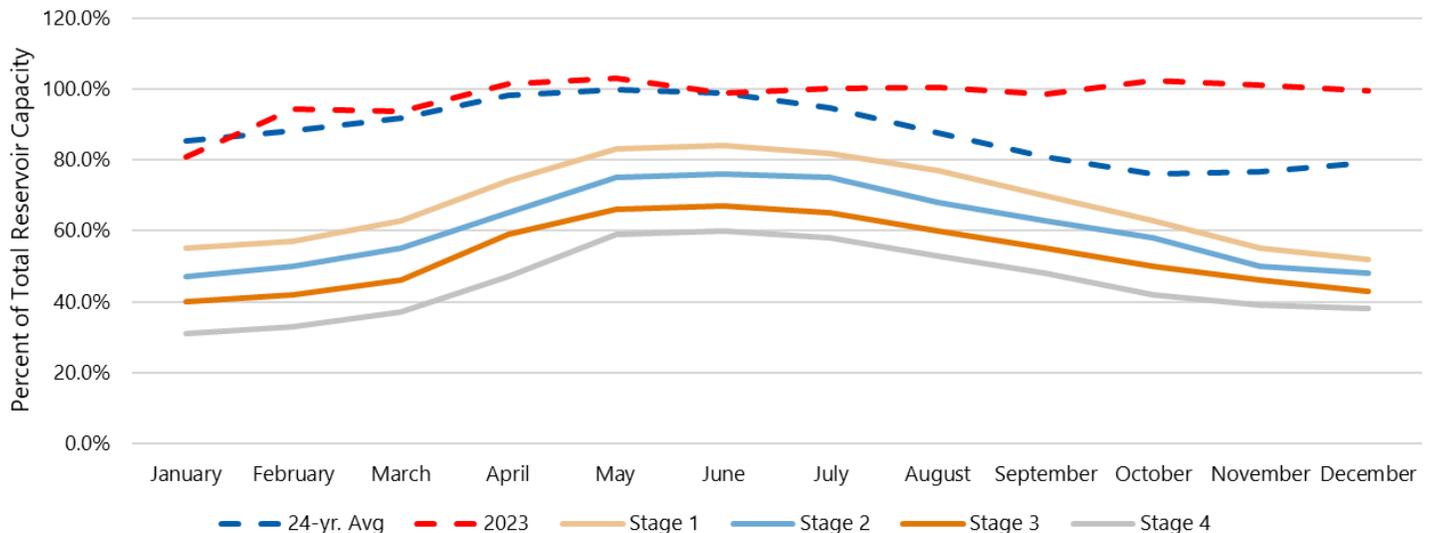
Source: City of Worcester Department of Public Works & Parks

WORCESTER: MONTHLY AVERAGE WATER CONSUMPTION VERSUS 24-YEAR AVERAGE, 2023



Source: City of Worcester Department of Public Works & Parks

WORCESTER: RESERVOIR CAPACITY VERSUS DROUGHT STAGES, 2023



Source: City of Worcester Department of Public Works & Parks



Worcester: Reservoirs - Surface Water & Capacity		
High Service		
	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
Low Service		
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 & Parks

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

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

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

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

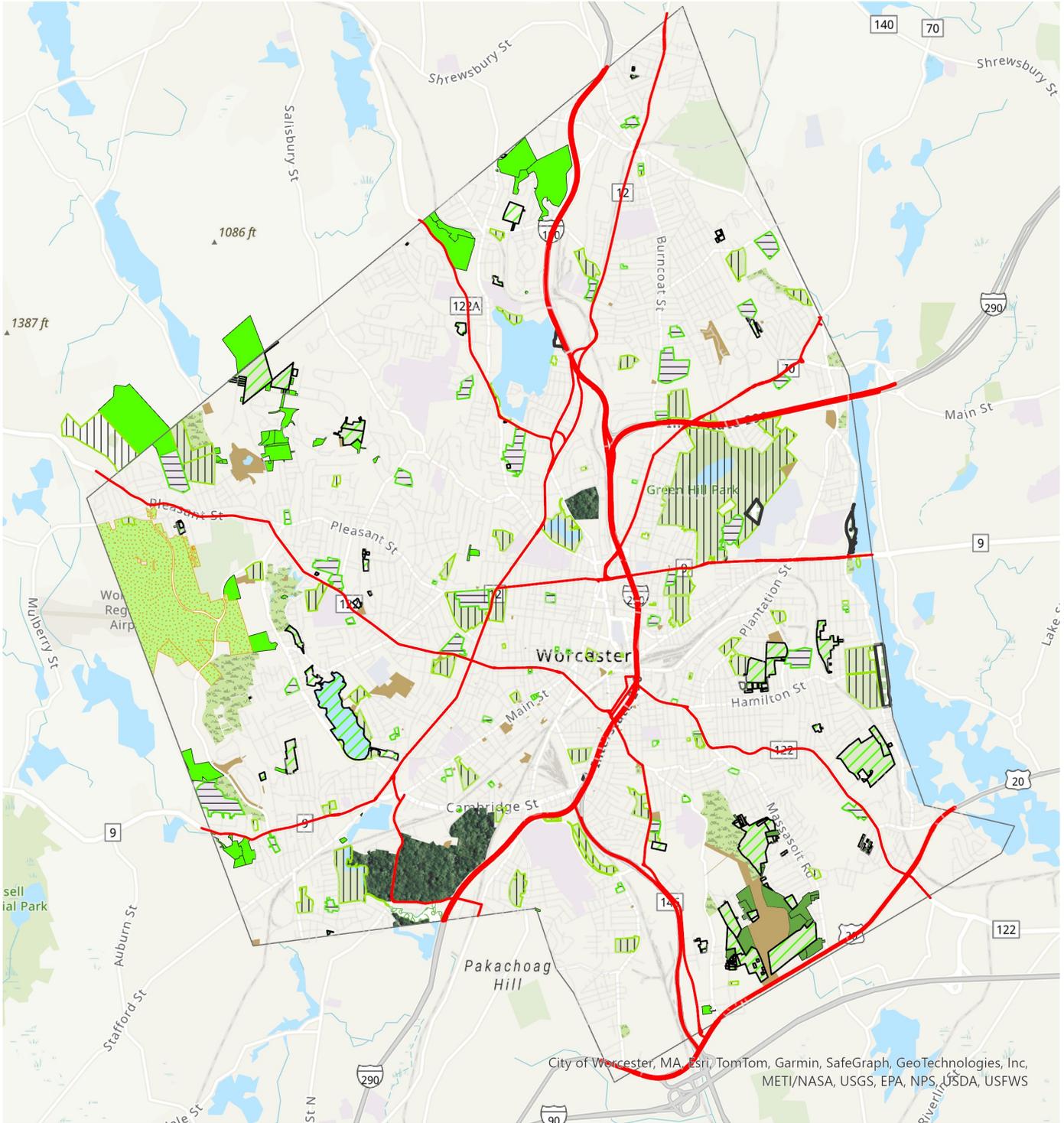
Worcester is located at the headwaters of the Blackstone River and is part of the Blackstone River Watershed. The watershed includes a 640 square mile basin, receiving water from 29 towns in Central Massachusetts and Rhode Island.

Worcester 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.

The City of Worcester released its Open Space and Recreation Plan 2021-2028. It is available here: <http://www.worcesterma.gov/parks/document-center>.



WORCESTER: OPEN SPACE

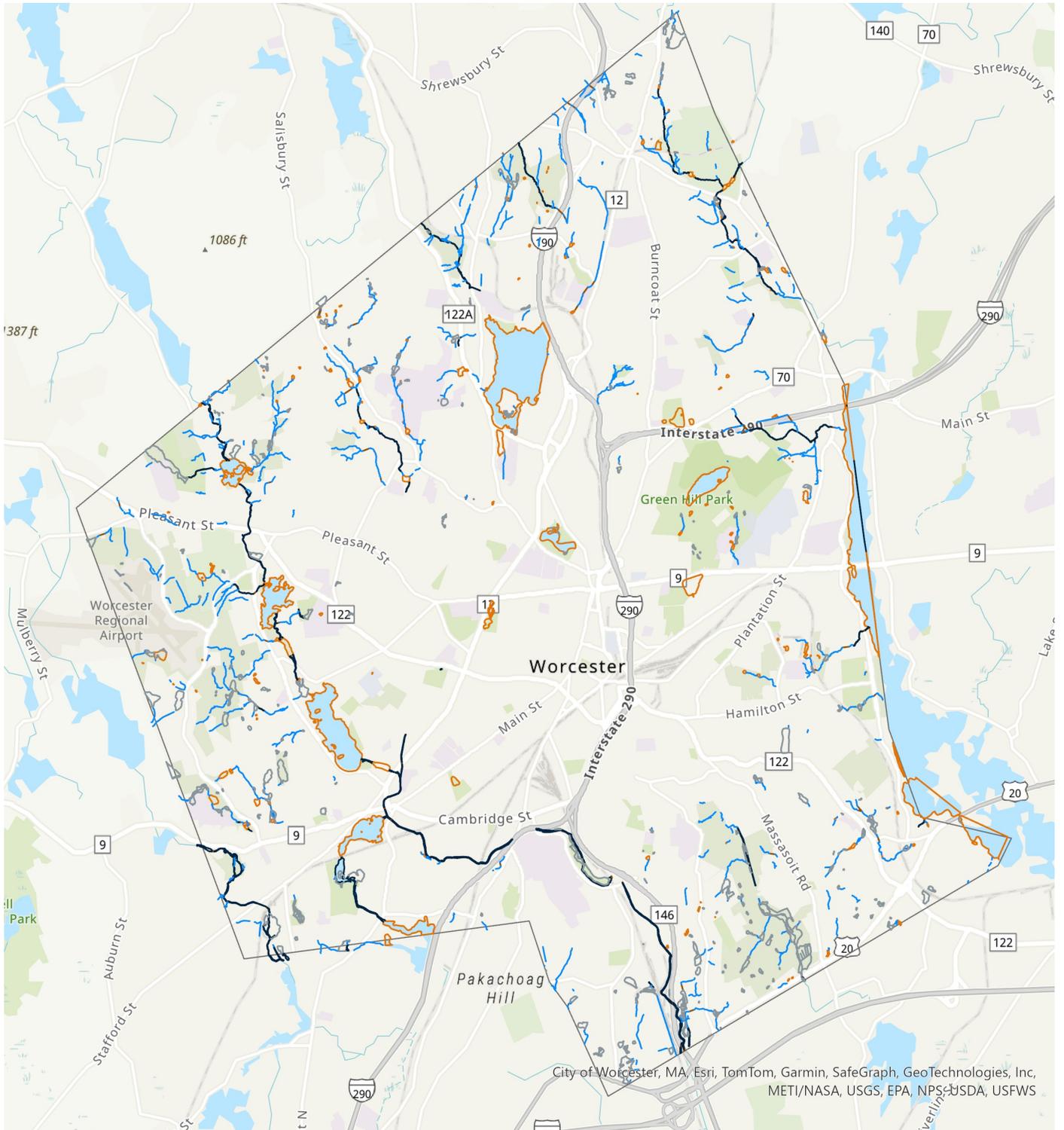


Source: GIS Data—City of Worcester, MA

- | | | |
|-------------------------------|-------------------------------------|---|
| Cemeteries Public and Private | Massachusetts Port Authority | State Owned |
| City of Worcester | City of Worcester Parks Department | Town of Auburn |
| Greater Worcester Land Trust | Private Ownership | Conservation Commission |
| Massachusetts Audobon Society | City of Worcester School Department | City of Worcester Conservation Commission |



WORCESTER: BLUE SPACE

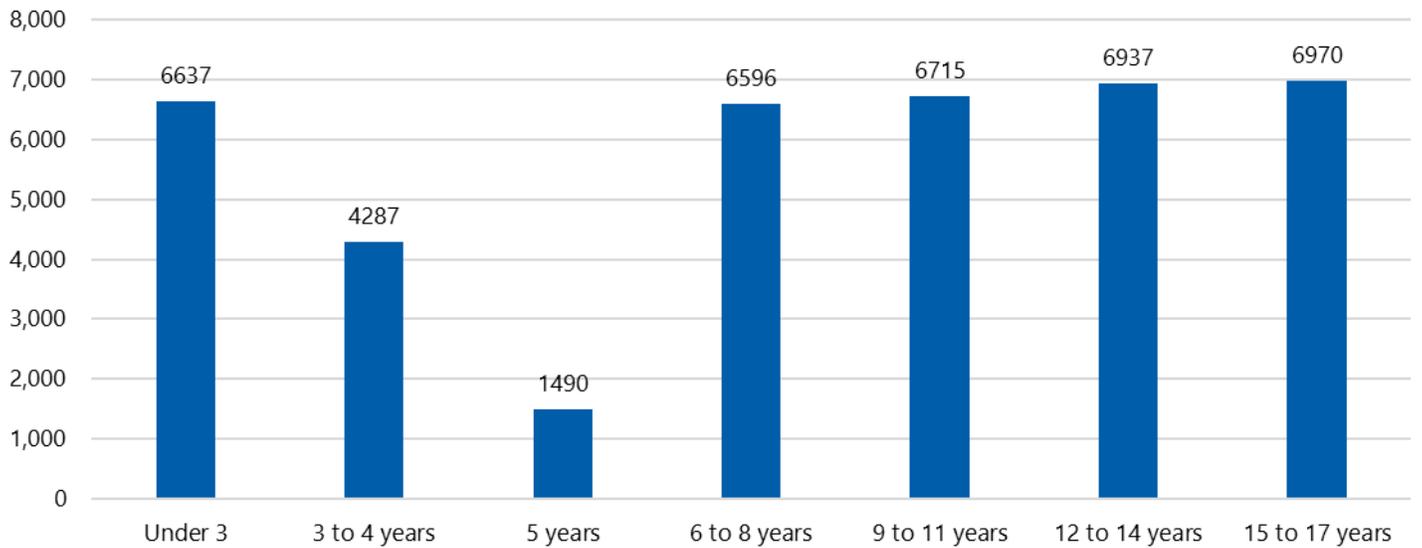


Source: GIS Data—City of Worcester, MA

- Hidden
- Pond
- River
- Stream
- Wet Area

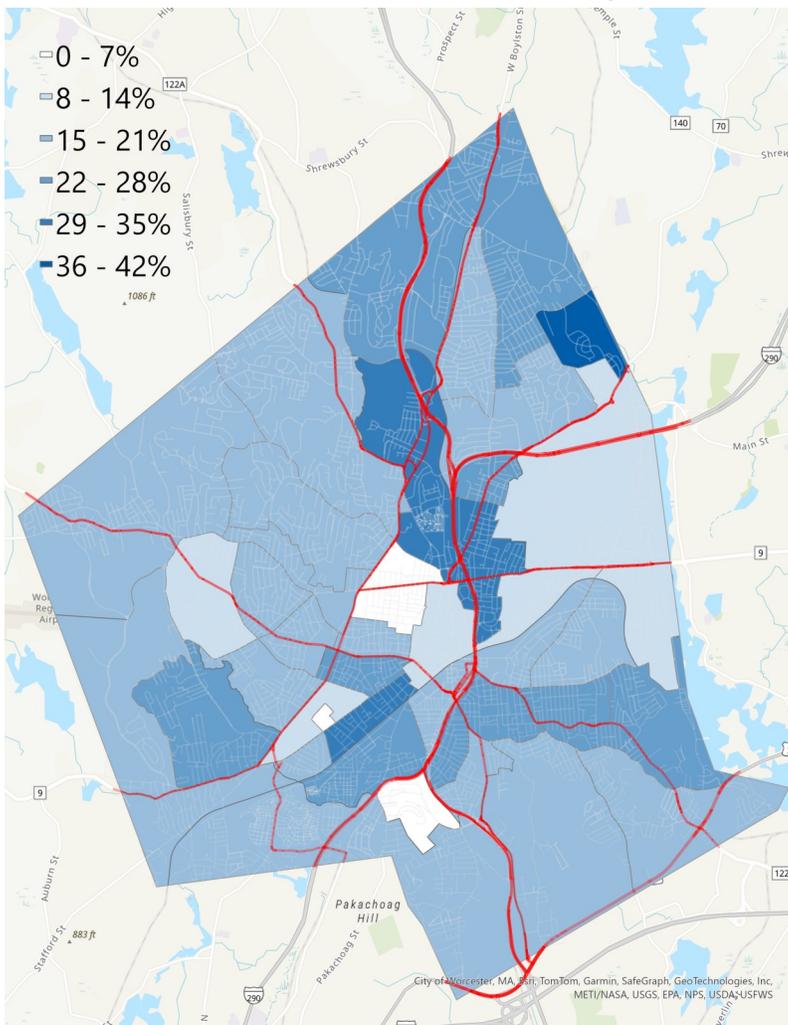


WORCESTER: CHILDREN IN HOUSEHOLD BY AGE, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Service Estimates

WORCESTER: POPULATION PERCENT UNDER 18, 2022



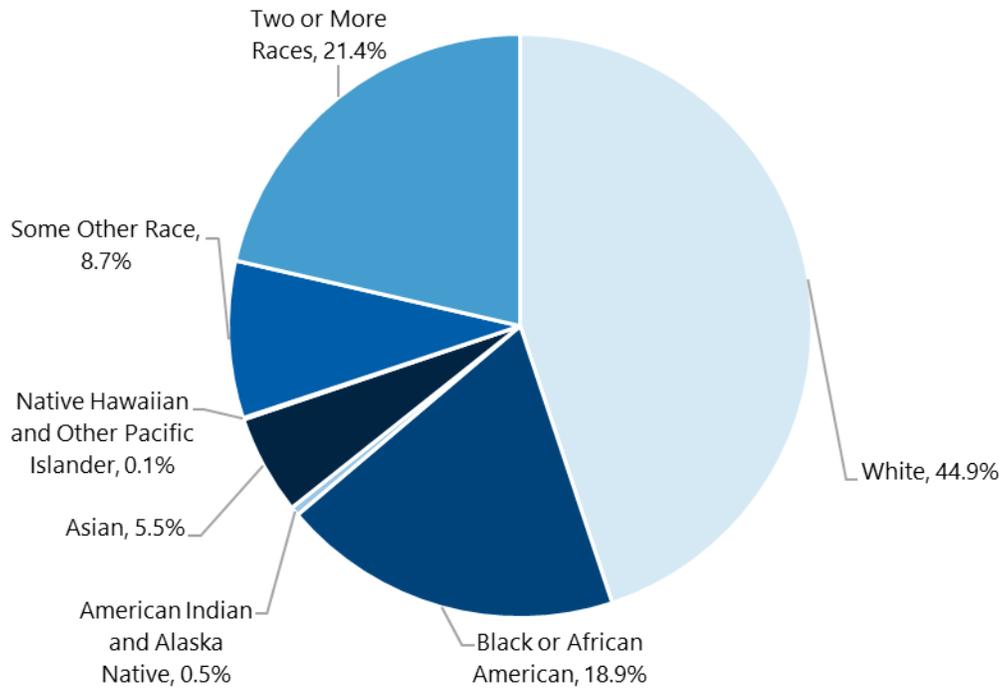
Worcester: Children Characteristics, 2022	
Under-18 Population in Households	39,632
In Married-couple Family Household	49.4%
In male householder, no spouse present, family household	10.1%
In female householder, no spouse present, family household	40.4%
In Owner-Occupied Units	39.0%
In Renter-Occupied Units	61.0%
Native Born	90.3%
Foreign Born	9.7%
On Public Assistance	48.3%
Below the Poverty Level	23.9%
With a Disability	5.1%
Enrolled in school	88.1%
In Public School	90.3%
In Private School	9.7%
Not enrolled in school	11.9%

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates

Source: U.S. Census Bureau, 2022 5-Year American Community Survey Estimates



WORCESTER: CHILDREN UNDER 18 BY RACE, 2022



Worcester: Children Under 18 By Ethnicity, 2022

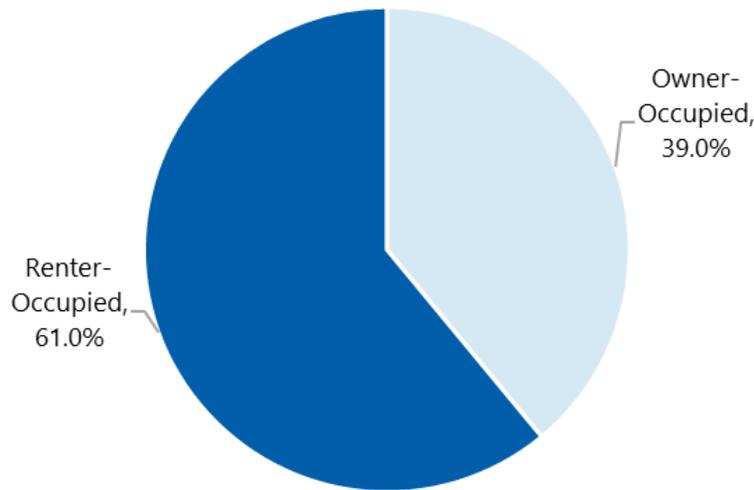
Hispanic or Latino Origin (of any race)	39.6%
Not of Hispanic or Latino Origin (of any race)	61.2%

Source: U.S. Census Bureau, 2022 5-Year American Community Service Estimates

The U.S. Census Bureau tallies five categories of race. Hispanic origin is described as ethnicity, rather than race, and persons defined as Hispanic or Latino can be of any race.

Source: U.S. Census Bureau, 2022 5-Year American Community Service Estimates

WORCESTER: CHILDREN UNDER 18 BY HOUSING TYPE, 2022



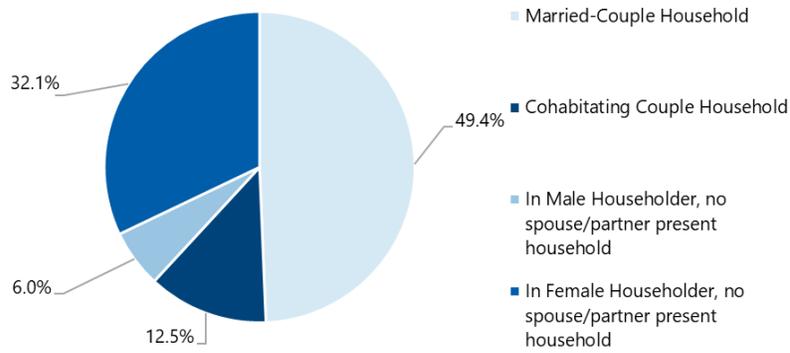
Source: U.S. Census Bureau, 2022 5-Year American Community Service Estimates

Annual Worcester County Homeless Point-In-Time Count					
	Sheltered			Unsheltered	Total
	Emergency Shelter	Transitional	Safe Haven		
Homeless under age 18	506	44	0	0	550
Annual City of Worcester Point-In-Time Count					
Households With Children	717	75	0	0	792

Source: Central Massachusetts Housing Alliance

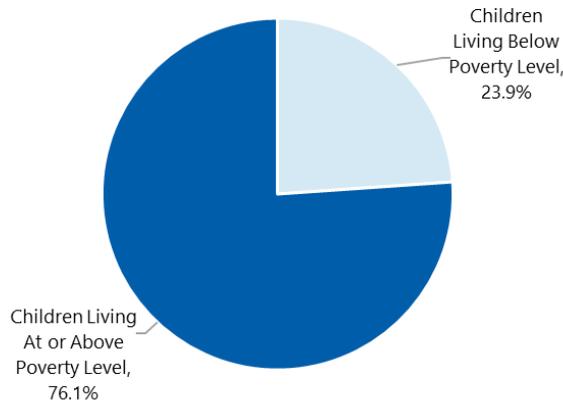


WORCESTER: CHILDREN UNDER 18 FAMILY SITUATION, 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Service Estimates

WORCESTER: POVERTY STATUS FOR CHILDREN UNDER 18, 2022



Source: U.S. Census Bureau, 2021 5-Year American Community Service Estimates

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.

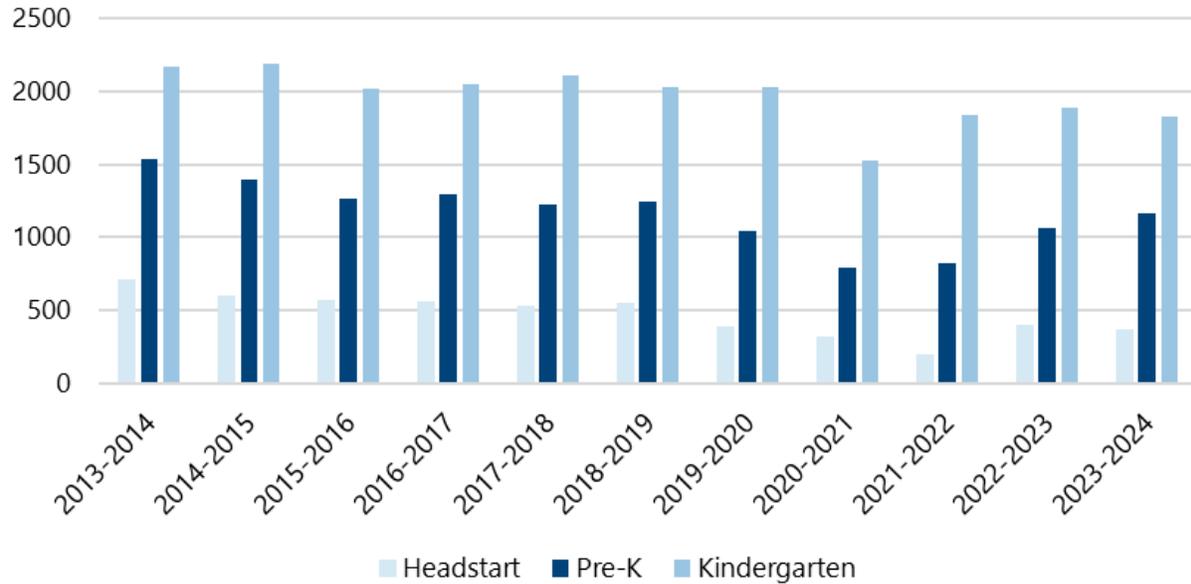
Worcester: Mobility Rates, 2023					
	Churn/Intake Enroll	Percent Churn	Percent Intake	Stability Enroll	Percent Stability
All Students	26,055	11.5	8.0	24,670	95.1
High Needs	22,318	12.8	8.9	20,985	94.6
LEP English Language Learner	8,400	18.3	13.3	7,618	92.7
Low Income	19,781	13.1	9.0	18,610	94.4
Students with Disabilities	5,640	12.7	8.4	5,324	94.8
Mobility by Race					
African American/Black	4,448	12.6	9.2	4,145	95.4
American Indian or Alaskan Native	53	7.5	5.7	52	96.2
Asian	1,589	8.8	6.1	1,528	96.7
Hispanic or Latino	12,037	13.6	9.4	11,303	94.0
Multi-race, non-Hispanic or Latino	1,046	6.8	3.8	1,022	96.8
Native Hawaiian or Pacific Islander	-	-	-	-	-
White	6,877	8.2	5.8	6,616	96.4

*Data for populations less 6 than not reported.

Source: Massachusetts Department of Elementary and Secondary Education.



WORCESTER: PARTICIPATION IN EARLY CHILDHOOD EDUCATION, 2013-2023



Source: Massachusetts Department of Elementary and Secondary Education

Worcester: Children's School Level, 2022	
Population 3 years and over enrolled in school	59,570
Nursery school, preschool	1,774
Kindergarten	1,886
Elementary: grade 1 to grade 4	8,339
Elementary: grade 5 to grade 8	9,122
High school: grade 9 to grade 12	10,044

Source: U.S. Census Bureau, 2022 5-Year American Community Service Estimates

Worcester: Student Discipline Report, 2022-2023						
	Students	Students Disciplined	Percent In-School Suspension	Percent Out-of-School Suspension	Percent Alternate Setting	Percent Emergency Removal
Student Group						
All Students	26,001	1,110	1.4	3	0	0.7
English Learner	8,384	361	1.4	3.1	0	0.7
Economically disadvantaged	19,742	993	1.6	3.6	0	0.8
Students w/disabilities	5,633	399	2.4	5.2	0	1.3
High needs	22,049	1,048	1.5	3.4	0	0.7
Sex						
Female	12,615	473	1	2.9	0	0.5
Male	13,376	637	1.7	3.1	0	0.9
Ethnicity						
Amer. Ind. or Alaska Nat.	53	3				
Asian	1,586	14	0.1	0.7	0	0.3
Afr. Amer./Black	4,436	176	1.4	2.7	0	0.5
Hispanic/Latino	12,010	629	1.6	3.7	0	0.8
Multi-race, Non-Hisp./Lat.	1,046	69	1.9	5.1	0	1.1
Nat. Haw. or Pacif. Isl.	5					
White	6,865	219	1.1	2.1	0	0.5

Expulsion, school-based arrests, and law enforcement referrals % were 0.0% for the period 2021-2022
 Source: Massachusetts Department of Elementary and Secondary Education



Worcester Public Schools: Pathways Programs Enrollment

	Gender			Grade				Total
	Male	Female	Non-Binary	Grade 9	Grade 10	Grade 11	Grade 12	
Chapter 74 Programs								
Advanced Manufacturing Technology	14	10	0	0	10	5	9	24
Animal Science	5	29	0	0	9	13	12	34
Automotive Collision Repair & Refinishing	18	13	0	0	10	13	7	31
Automotive Technology	36	17	0	0	24	19	10	53
Biotechnology	14	39	0	0	18	15	20	53
Business Technology	20	36	0	18	15	11	12	56
Carpentry	39	12	0	0	18	22	11	51
Cosmetology	2	41	0	0	15	14	14	43
Culinary Arts	49	106	0	29	46	44	35	155
Diesel Technology	75	14	0	30	30	16	13	89
Drafting	14	20	0	0	15	16	3	34
Early Education and Care	7	124	0	22	38	38	33	131
Electricity	49	11	0	0	24	22	14	60
Engineering Technology	203	138	0	93	97	79	72	341
Environmental Science & Technology	4	17	0	0	6	6	9	21
Exploratory	194	180	0	372	2	0	0	374
Graphic Communications	17	29	0	0	14	12	20	46
Health Assisting	17	143	0	20	48	46	46	160
Heating - Ventilation - Air Conditioning - Refrigeration	15	3	0	0	7	7	4	18
Hospitality Management	6	37	0	0	14	17	12	43
Information Support Services & Networking	28	3	0	0	4	8	19	31
Marketing	26	34	0	0	23	17	20	60
Metal Fabrication & Joining Technologies	26	12	0	0	13	14	11	38
Painting & Design Technologies	5	42	0	0	16	17	14	47
Plumbing	36	7	0	0	14	18	11	43
Programming and Web Development	20	5	0	0	8	10	7	25
Robotics and Automation Technology	37	7	0	0	9	14	21	44
Chapter 74 Programs	976	1,129	0	584	547	514	459	2,105
Early College								
Early College	313	608	2	34	128	287	474	923
Innovation Pathway								
Business and Finance	8	16	0	0	15	6	3	24
Environmental and Life Science	6	15	0	0	12	9	0	21
Health Care and Social Assistance	7	46	0	0	28	15	10	53
Information	54	9	0	0	28	19	16	63
Manufacturing	16	6	0	0	7	8	7	22
Scientific Research and/or Engineering	20	8	0	0	12	10	6	28
Innovation Pathway	111	100	0	0	102	67	42	211
Non-Chapter 74 Programs								
Automotive Technology	197	34	0	23	31	76	101	231
Business Technology	51	25	0	1	23	28	24	76
Criminal Justice	34	40	0	0	2	17	55	74
Early Education and Care	6	25	0	0	0	7	24	31
Engineering Technology	34	14	0	0	17	16	15	48
Exploratory	11	21	0	0	0	0	32	32
Health Assisting	25	92	0	0	32	23	62	117
Marketing/Finance	3	3	1	0	0	2	5	7
Non-Chapter 74 Programs	361	254	1	24	105	169	318	616
All (Pathways/Programs)								
All (Pathways/Programs)	1,581	1,761	2	640	781	879	1,043	3,344

Source: Massachusetts Department of Elementary and Secondary Education



Worcester Public Schools: Pathways Programs Enrollment

	Race/Ethnicity							Total
	Asian	African American	Hispanic	Multi-Race, Non-Hispanic	Native American	Native Hawaiian, Pacific Islander	White	
Chapter 74 Programs								
Advanced Manufacturing Technology	1	0	11	1	0	1	10	24
Animal Science	0	4	19	1	0	0	10	34
Automotive Collision Repair & Refinishing	1	3	20	2	0	0	5	31
Automotive Technology	3	15	23	0	0	0	12	53
Biotechnology	9	16	13	3	0	0	12	53
Business Technology	6	15	18	3	0	0	14	56
Carpentry	0	7	21	2	0	0	21	51
Cosmetology	1	10	20	2	0	0	10	43
Culinary Arts	16	37	67	7	0	0	28	155
Diesel Technology	6	13	43	2	0	0	25	89
Drafting	5	6	11	3	0	0	9	34
Early Education and Care	4	22	57	5	0	0	43	131
Electricity	7	8	21	4	0	0	20	60
Engineering Technology	17	51	79	16	0	0	178	341
Environmental Science & Technology	0	2	7	3	0	0	9	21
Exploratory	21	68	170	11	3	0	101	374
Graphic Communications	1	7	26	2	0	0	10	46
Health Assisting	14	53	62	3	1	0	27	160
Heating-Ventilation-Air Conditioning-Refrigeration	1	3	6	0	0	0	8	18
Hospitality Management	2	8	22	3	0	0	8	43
Information Support Services & Networking	1	9	11	0	0	0	10	31
Marketing	7	16	24	0	0	0	13	60
Metal Fabrication & Joining Technologies	1	5	11	1	1	0	19	38
Painting & Design Technologies	3	4	22	3	0	0	15	47
Plumbing	1	4	21	1	0	0	16	43
Programming and Web Development	4	5	6	2	0	0	8	25
Robotics and Automation Technology	3	11	11	3	1	0	15	44
Chapter 74 Programs	135	402	822	83	6	1	656	2,105
Early College								
Early College	104	242	328	30	4	0	215	923
Innovation Pathway								
Business and Finance	2	10	8	0	0	0	4	24
Environmental and Life Science	3	6	5	0	0	0	7	21
Health Care and Social Assistance	6	11	17	1	0	0	18	53
Information	7	16	21	3	0	0	16	63
Manufacturing	0	5	11	0	0	0	6	22
Scientific Research and/or Engineering	1	3	19	1	0	0	4	28
Innovation Pathway	19	51	81	5	0	0	55	211
Non-Chapter 74 Programs								
Automotive Technology	12	36	112	6	0	0	65	231
Business Technology	5	21	31	4	0	0	15	76
Criminal Justice	3	15	42	5	0	0	9	74
Early Education and Care	1	2	23	2	0	0	3	31
Engineering Technology	2	9	25	1	0	0	11	48
Exploratory	1	6	2	1	0	0	22	32
Health Assisting	9	35	43	3	0	0	27	117
Marketing/Finance	0	1	2	1	0	0	3	7
Non-Chapter 74 Programs	33	125	280	23	0	0	155	616
All (Pathways/Programs)								
All (Pathways/Programs)	246	678	1,330	127	8	1	954	3,344

Source: Massachusetts Department of Elementary and Secondary Education



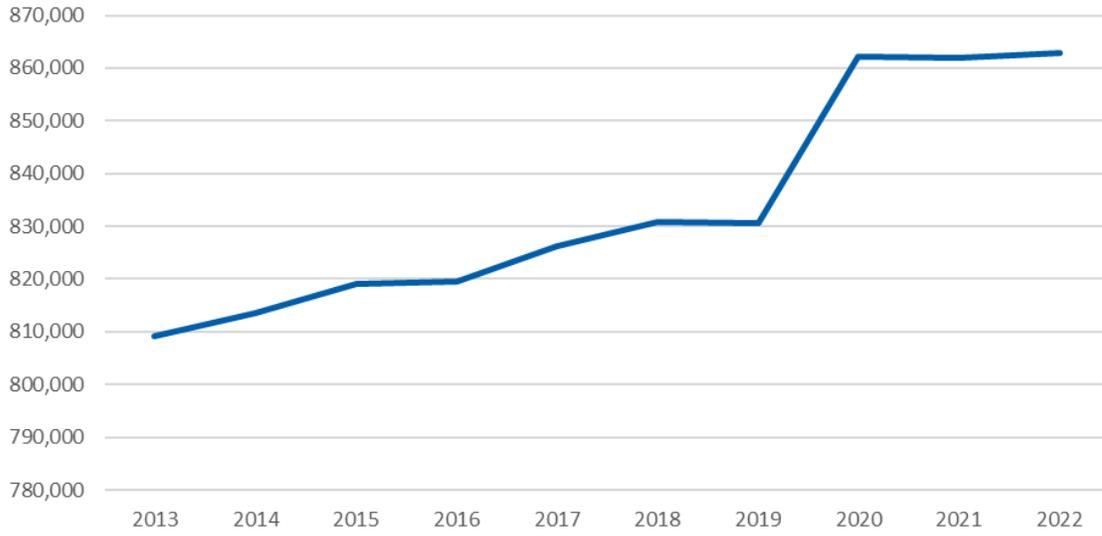
Worcester Public Schools: Pathways Programs Enrollment

	Selected Populations					Total
	First Language not English	English Language Learner	Students With Disabilities	High Needs	Low-income	
Chapter 74 Programs						
Advanced Manufacturing Technology	11	2	5	18	15	24
Animal Science	18	1	8	26	23	34
Automotive Collision Repair & Refinishing	16	2	7	20	18	31
Automotive Technology	30	3	9	40	39	53
Biotechnology	32	2	3	33	33	53
Business Technology	33	4	4	42	37	56
Carpentry	24	3	9	39	36	51
Cosmetology	22	2	3	28	26	43
Culinary Arts	93	17	25	123	110	155
Diesel Technology	51	20	28	78	67	89
Drafting	24	1	4	25	21	34
Early Education and Care	64	13	18	92	84	131
Electricity	33	3	7	37	32	60
Engineering Technology	139	18	17	144	123	341
Environmental Science & Technology	8	2	5	11	11	21
Exploratory	217	66	38	292	266	374
Graphic Communications	24	3	14	34	31	46
Health Assisting	117	14	10	128	121	160
Heating-Ventilation-Air Conditioning-Refrigeration	9	1	5	13	11	18
Hospitality Management	25	6	8	31	28	43
Information Support Services & Networking	18	3	5	27	26	31
Marketing	37	3	5	41	38	60
Metal Fabrication & Joining Technologies	9	2	5	24	23	38
Painting & Design Technologies	27	3	2	33	32	47
Plumbing	18	1	8	26	22	43
Programming and Web Development	12	1	5	16	13	25
Robotics and Automation Technology	24	1	2	26	23	44
Chapter 74 Programs	1,135	197	259	1,447	1,309	2,105
Early College						
Early College	571	79	38	598	549	923
Innovation Pathway						
Business and Finance	14	3	0	14	14	24
Environmental and Life Science	12	3	3	14	11	21
Health Care and Social Assistance	34	7	3	35	34	53
Information	43	13	6	48	45	63
Manufacturing	10	5	7	16	13	22
Scientific Research and/or Engineering	20	9	4	22	18	28
Innovation Pathway	133	40	23	149	135	211
Non-Chapter 74 Programs						
Automotive Technology	130	52	38	186	166	231
Business Technology	48	12	12	58	55	76
Criminal Justice	40	13	10	60	55	74
Early Education and Care	19	9	5	29	28	31
Engineering Technology	28	13	10	34	27	48
Exploratory	10	1	1	10	10	32
Health Assisting	76	24	11	93	85	117
Marketing/Finance	4	3	1	6	6	7
Non-Chapter 74 Programs	355	127	88	476	432	616
All (Pathways/Programs)						
All (Pathways/Programs)	1,886	400	379	2,335	2,120	3,344

Source: Massachusetts Department of Elementary and Secondary Education

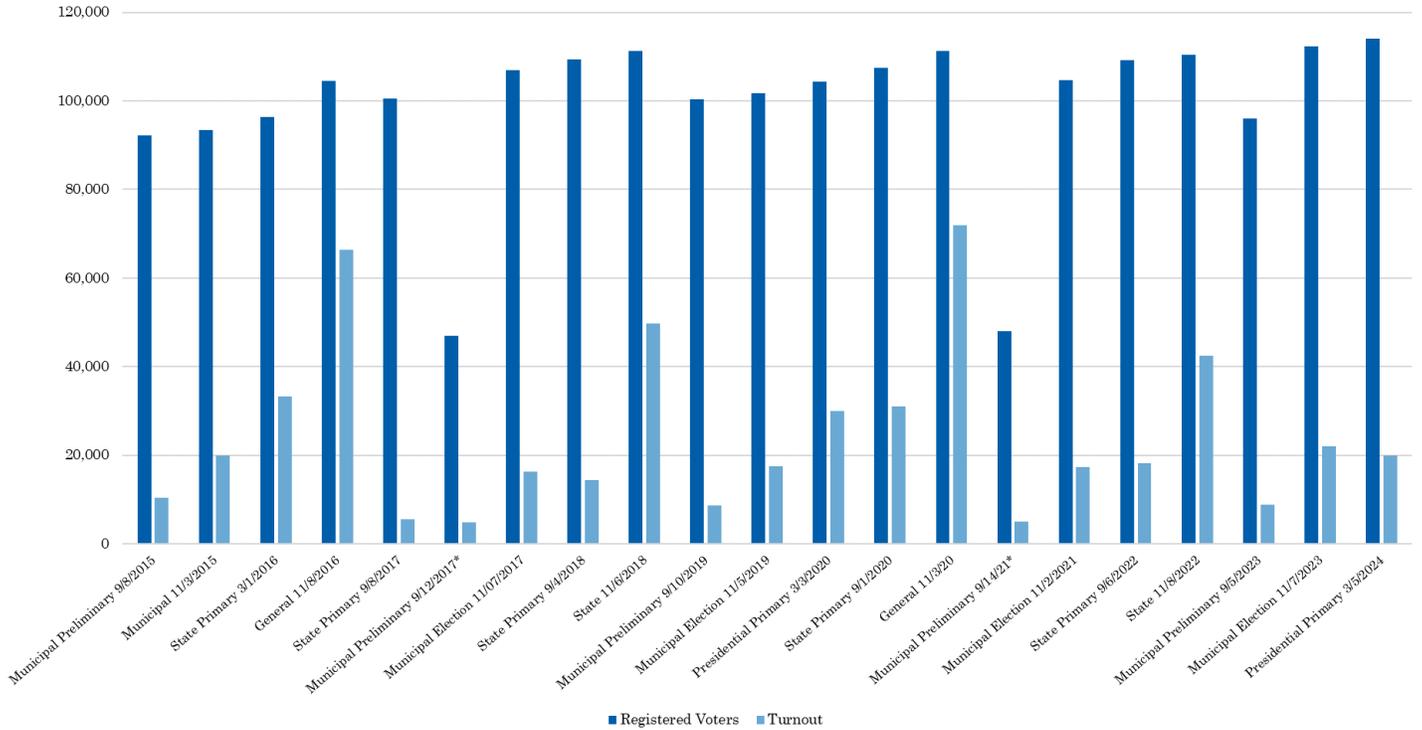


WORCESTER COUNTY: POPULATION 2012-2022



Source: US. Census Bureau, 2022 5-Year American Community Survey Estimates.

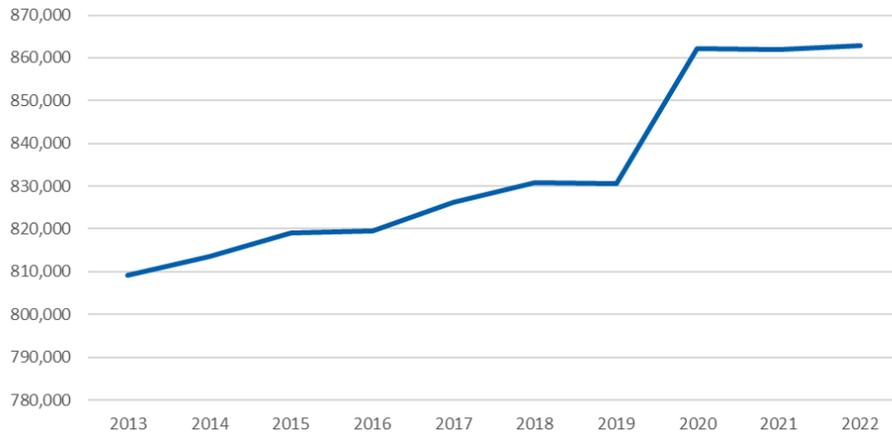
WORCESTER: REGISTERED VOTERS & BALLOTS CAST, 2014-2024



Source: Worcester City Clerk, Worcester Elections Commission

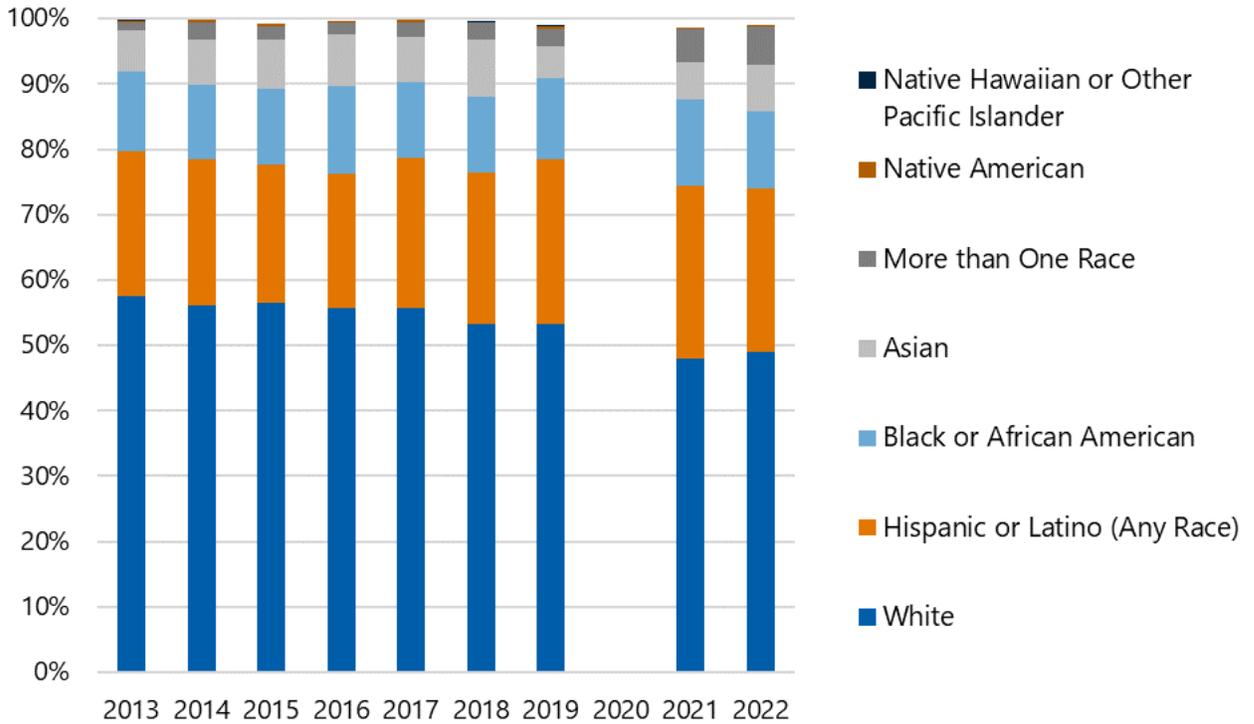


WORCESTER COUNTY: POPULATION 2013-2022



Source: US. Census Bureau, 2022 1-Year American Community Survey Estimates.

WORCESTER: POPULATION BY RACE AND ETHNICITY, 2013-2022

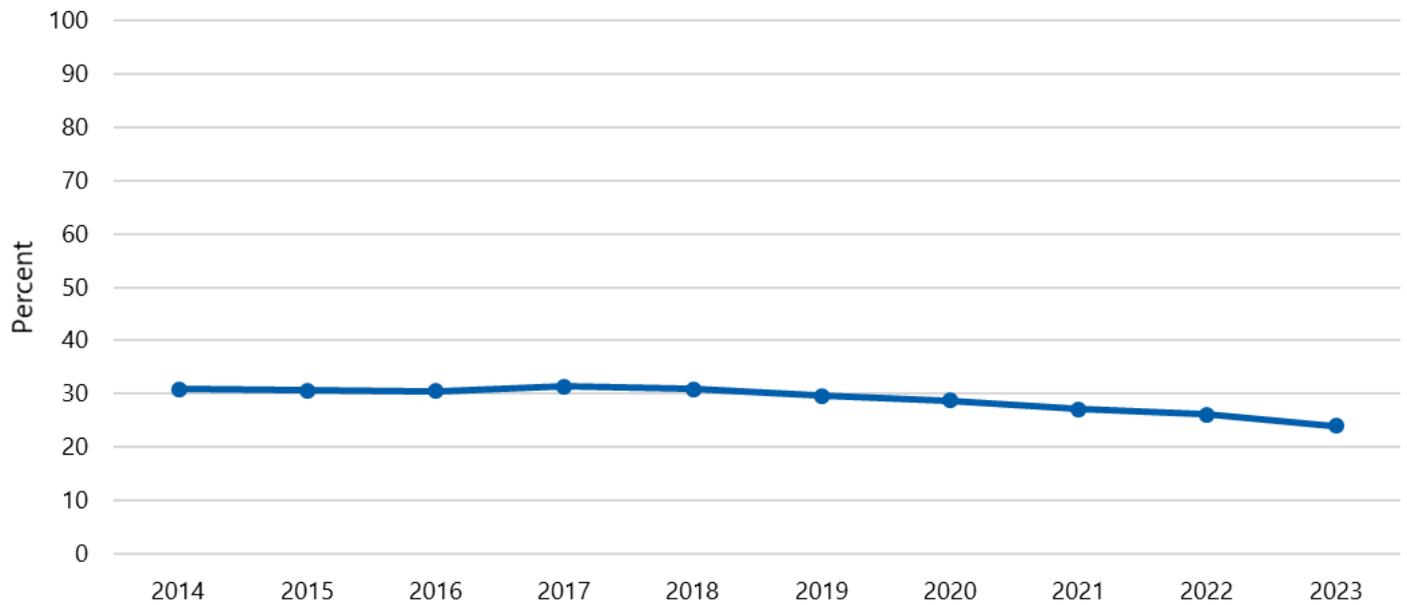


*Data is not available for 2020

Source: US. Census Bureau, 2022 1-Year American Community Survey Estimates.

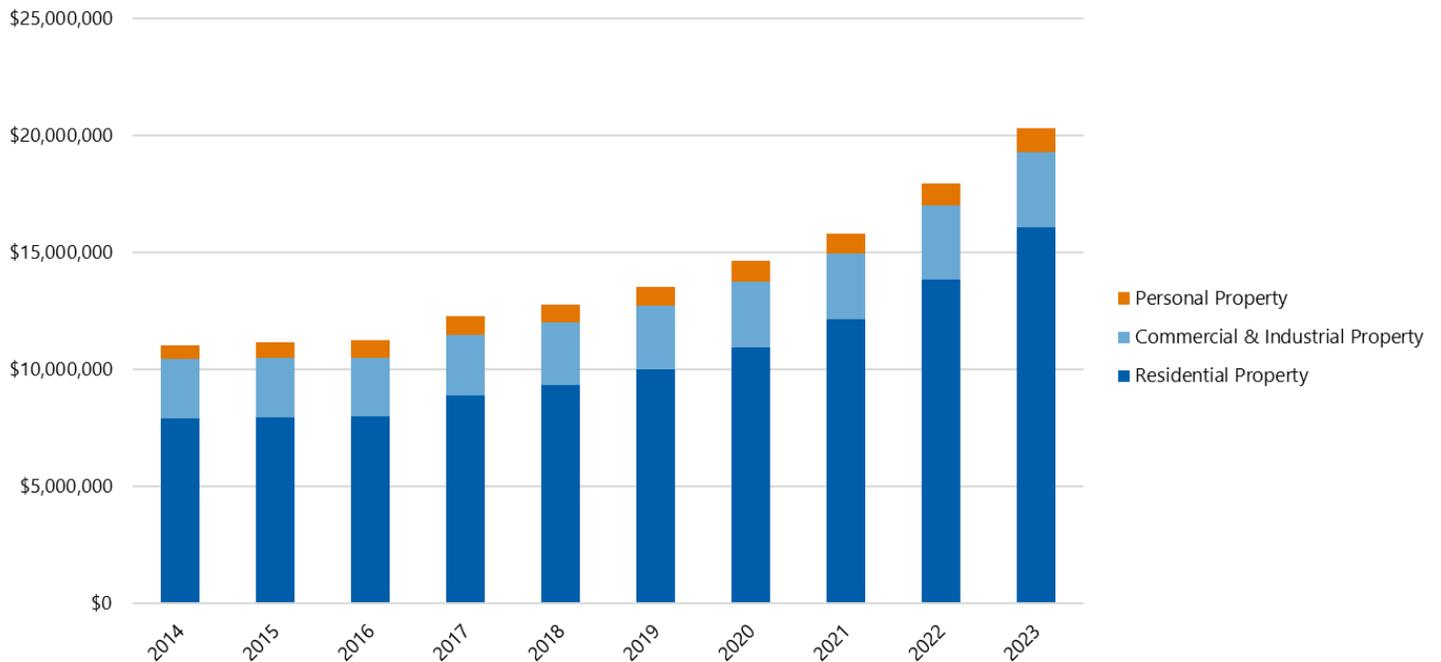


WORCESTER: TAX-EXEMPT VALUE AS A PERCENT OF TOTAL PROPERTY VALUES, 2014-2023



Source: City of Worcester Comprehensive Annual Financial Report, 2023

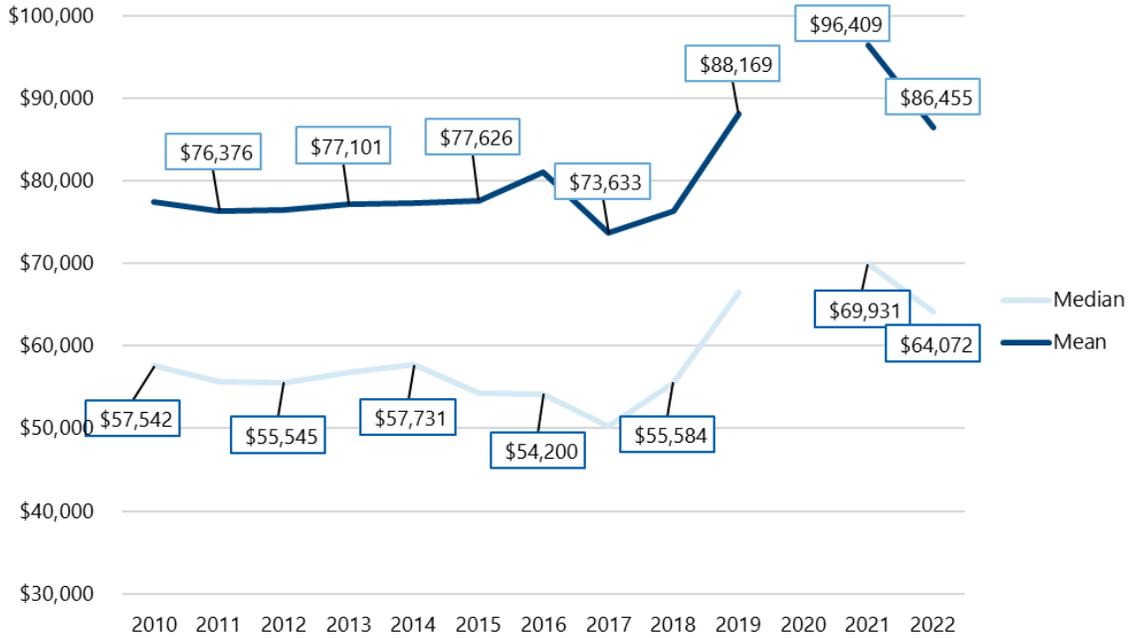
WORCESTER: ASSESSED VALUE OF TAXABLE PROPERTY BY CLASSIFICATION, 2014-2023



Source: City of Worcester Comprehensive Annual Financial Report, 2023

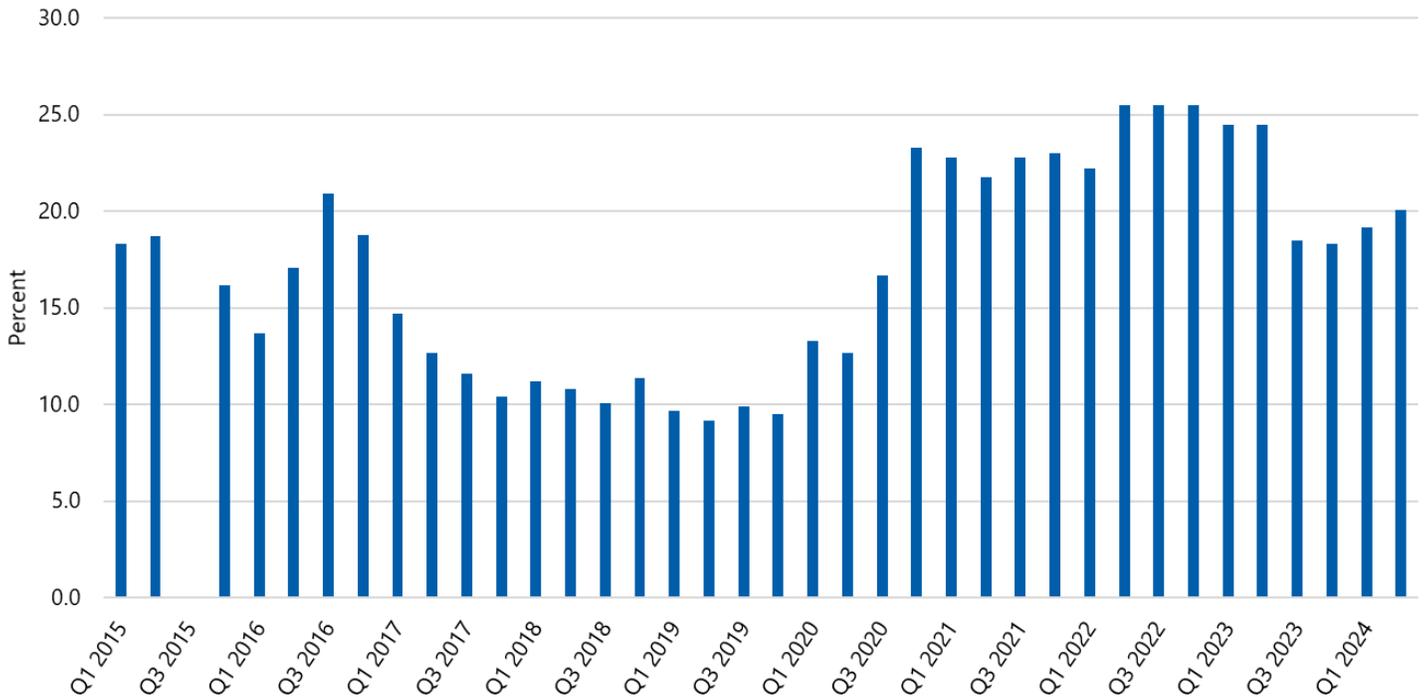


WORCESTER: MEAN & MEDIAN HOUSEHOLD INCOME (INFLATION-ADJUSTED 2022), 2010-2022



Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates

WORCESTER: QUARTERLY OFFICE & R&D VACANCY RATE, 2011-2024



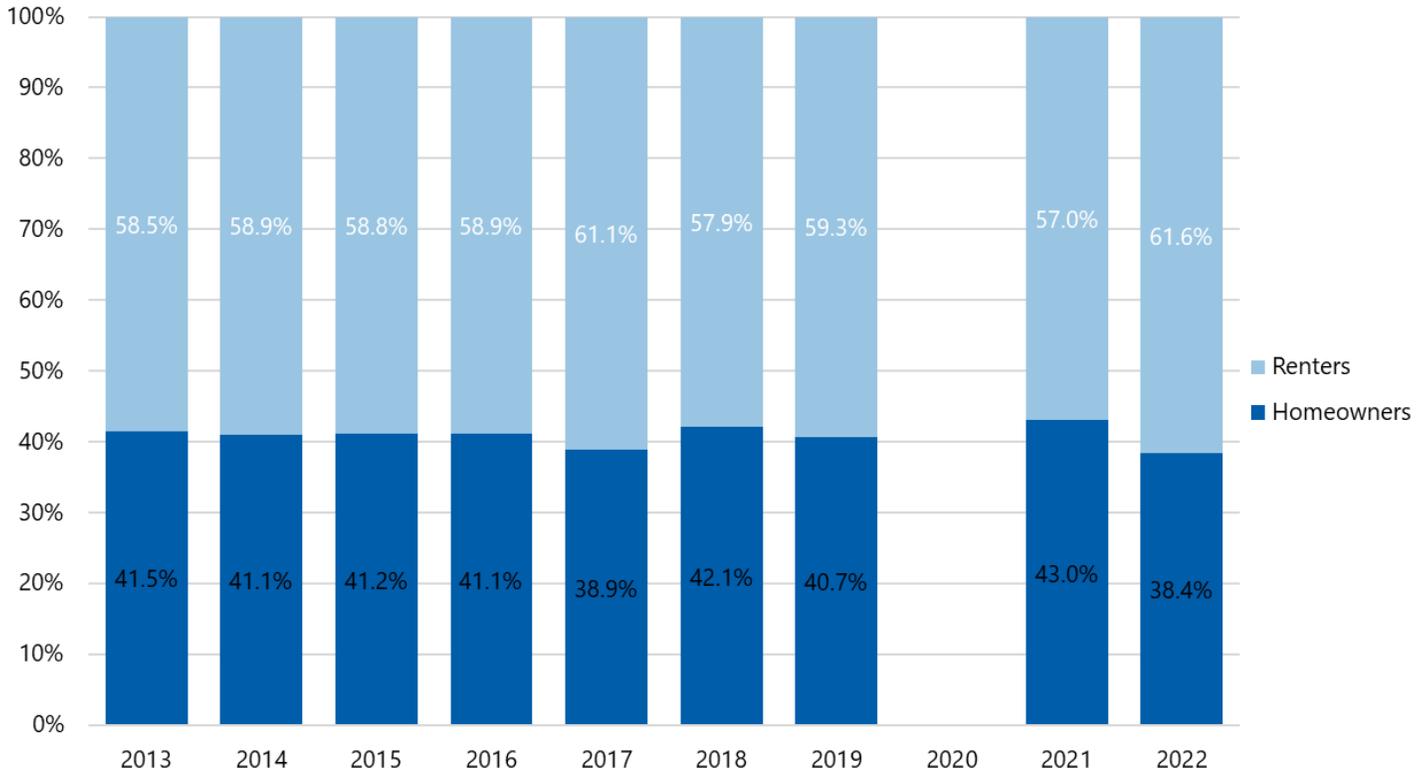
Source: Based on a survey of select properties by Colliers International.

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.

**Colliers reported that the data starting in Q4 2020 reflects adjustments made to the select properties to better represent market conditions and the market as a whole. This should be considered when making historical comparisons going forward.

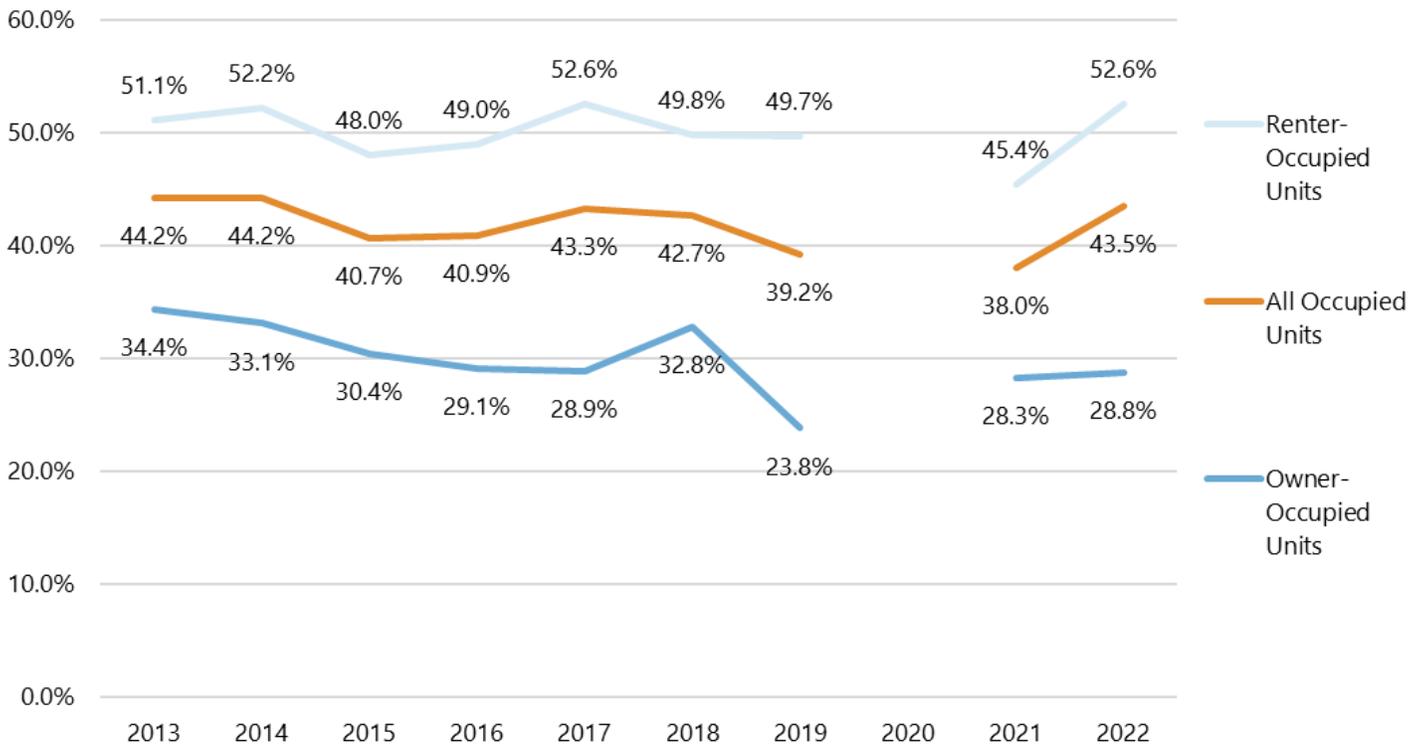


WORCESTER: OWNER-OCCUPIED, AND RENTER-OCCUPIED AS A PERCENT OF TOTAL HOUSEHOLDS, 2010-2022



Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates

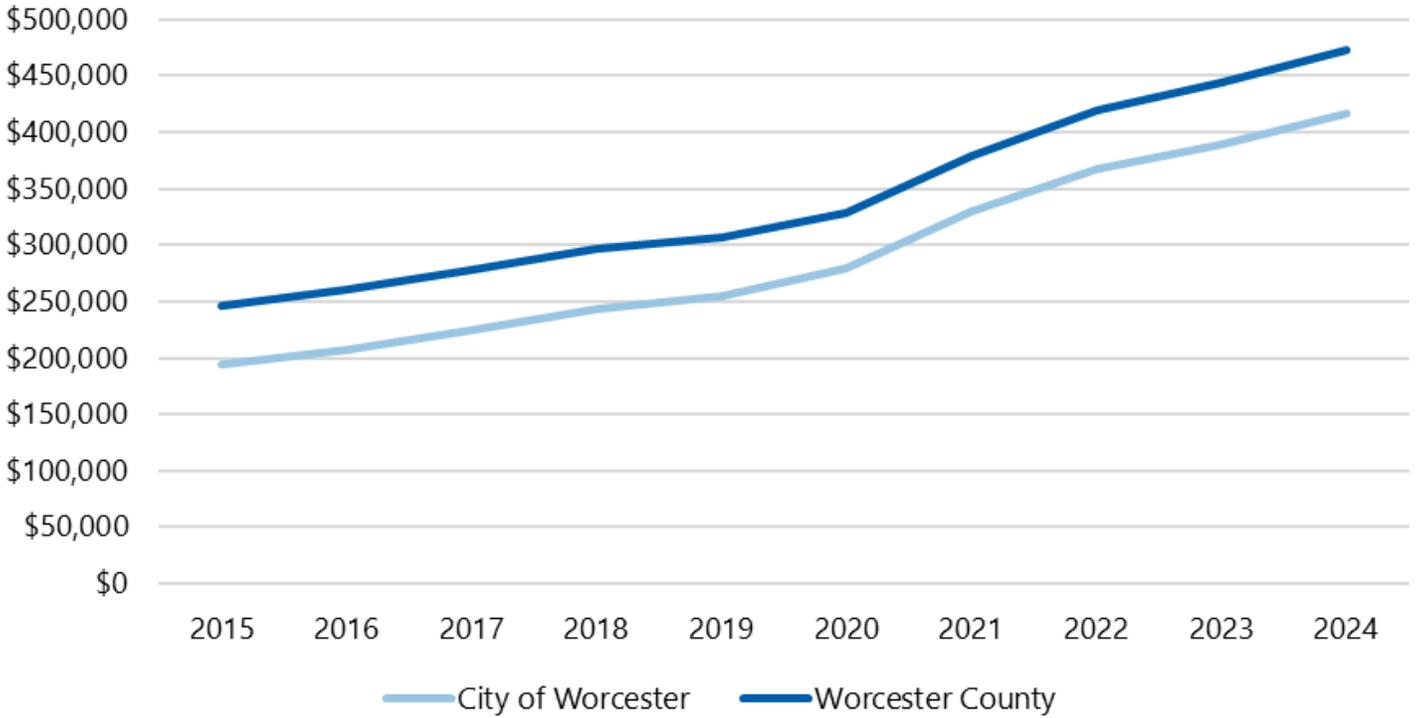
WORCESTER: PERCENT OF HOUSEHOLDS SPENDING 30% OR MORE OF INCOME ON HOUSING, 2010-2022



Source: U.S. Census Bureau, 2022 1-Year American Community Survey Estimates

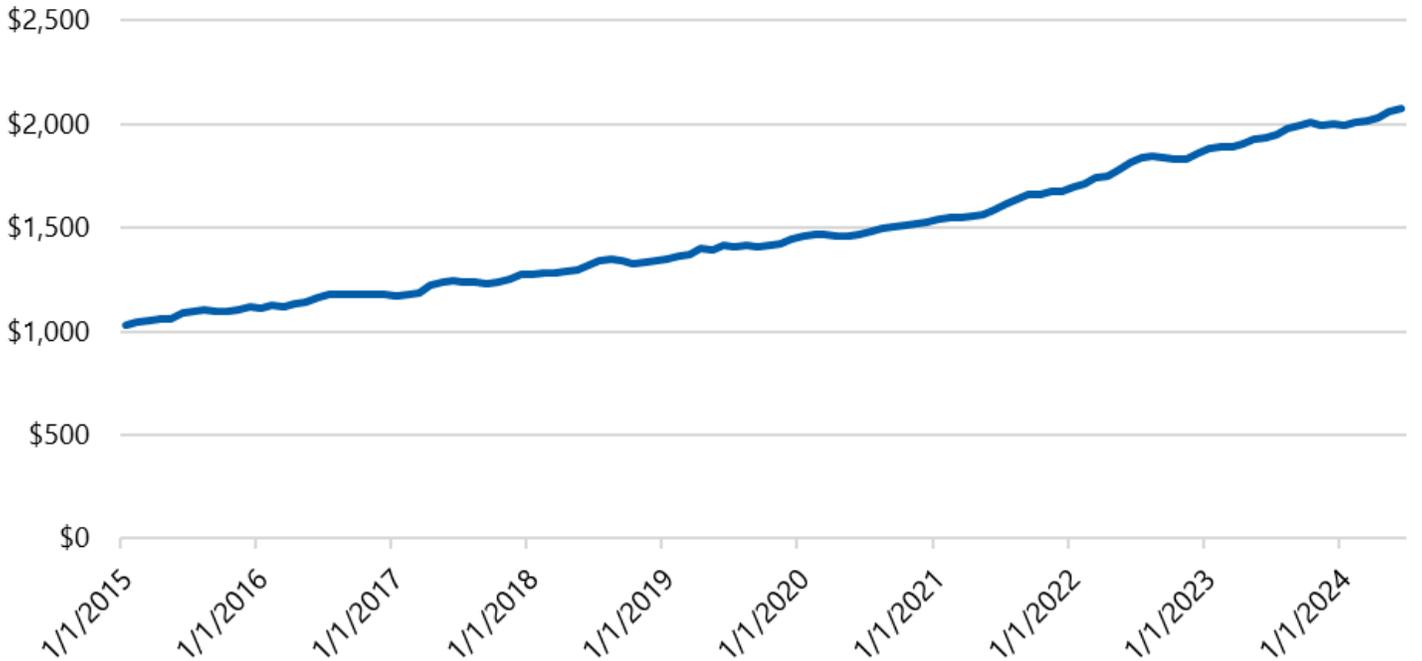


WORCESTER: TYPICAL HOME VALUE, 2000-2024



Source: Zillow Home Value Index (ZHVI)

WORCESTER: TYPICAL OBSERVED MARKET RATE RENT, 2015-2024



Source: Zillow Observed Rent Index (ZORI)



Health Outcomes in Worcester 2013-2022											
Measure	Age Range	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
All teeth lost	≥65		19.7%		19.0%		16.7%		16.1%		17.3%
Arthritis	≥18		25.7%	25.3%	25.5%	25.7%	25.3%	24.5%	26.2%	24.8%	25.7%
Cancer (excluding skin cancer)	≥18		6.5%	6.2%	6.1%	6.2%	6.3%	6.6%	6.0%	6.3%	6.6%
Chronic kidney disease	≥18		3.1%	2.8%	2.9%	3.1%	3.0%	2.9%	2.9%	3%	
Chronic obstructive pulmonary disease	≥18		7.5%	7.3%	7.0%	7.0%	6.5%	6.8%	6.4%	7.2%	6.7%
Coronary heart disease	≥18		6.4%	6.2%	6.3%	5.8%	6.4%	6.1%	6.0%	5.6%	6.3%
Current asthma	≥18		12.1%	10.6%	11.4%	11.5%	10.9%	11.5%	11.5%	12.6%	12.7%
Depression	≥18							21.1%	19.6%	23.1%	24%
Diagnosed diabetes	≥18		10.8%	10.1%	10.6%	10.4%	10.5%	10.0%	10.2%	10.6%	11.6%
High blood pressure	≥18	30.3%		31.9%		30.6%		30.3%		29%	
High cholesterol (screened in the past 5 years)	≥18	33.9%		32.6%		29.6%		28.1%		29.8%	
Obesity	≥18		31.1%	30.9%	29.7%	31.4%	35.0%	34.6%	33.5%	34.8%	36.2%
Stroke	≥18		2.9%	3.1%	3.2%	3.1%	3.2%	3.2%	3.0%	3%	3.4%

*Age-adjusted values

Source: Centers for Disease Control

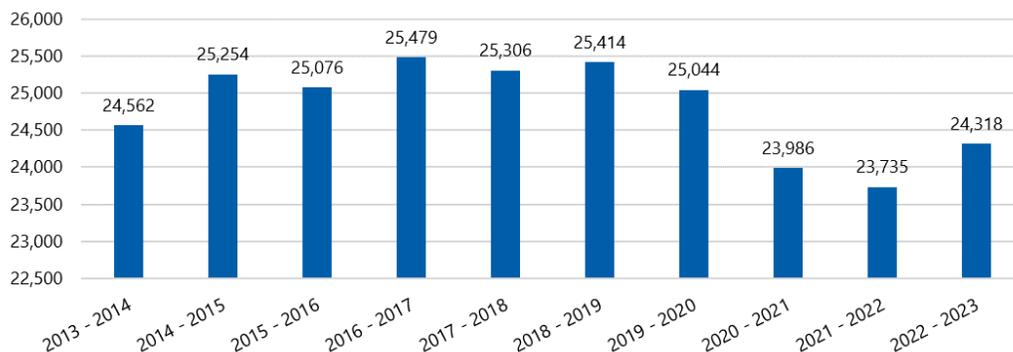
Health Prevention Metrics in Worcester: 2013-2022											
Measure	Age Range	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Cervical cancer screening among adult women	21-65						85.8%		82.7%		
Cholesterol screening	≥18	78.7%		76.4%		84.4%*		86.2%		84.5%	
Current lack of health insurance	18-64		11.2%	11.8%	11%	11.4%	13.3%	13.7%	10.5%	8.3%	7%
Fecal occult blood test, sigmoidoscopy, or colonoscopy	50-75		66.9%		66%		64.9%		79.9%		59.1%
Mammography use among women aged 50-74 Years	50-74		84.7%		76%		78.6%		78.9%		82.8%
Older Adult Men: Flu shot past year, PPV shot ever, Colorectal cancer screening	≥65		29.8%		31.3%		31.3%		52.3%		
Older Adult Women: Flu shot past year, PPV shot ever, Colorectal cancer screening, and Mammogram past 2 years	≥65		28.7%		29%		26%		45.4%		
Papanicolaou smear use among adult women	21-65		85.4%		79.8%						
Taking medicine for high blood pressure control among adults with high blood pressure	≥18	59.8%		61.2%		59.5%		58.9%		58.2%	
Visits to dentist or dental clinic among adults	≥18		62.7%		61.2%		65.5%		64.9%		61.5%
Visits to doctor for routine checkup within the past year among adults	≥18		77.4%	76.6%	78%	76.4%	77.5%	78.8%	79.8%	74.9%	79.9%

*Age-adjusted values

Source: Centers for Disease Control

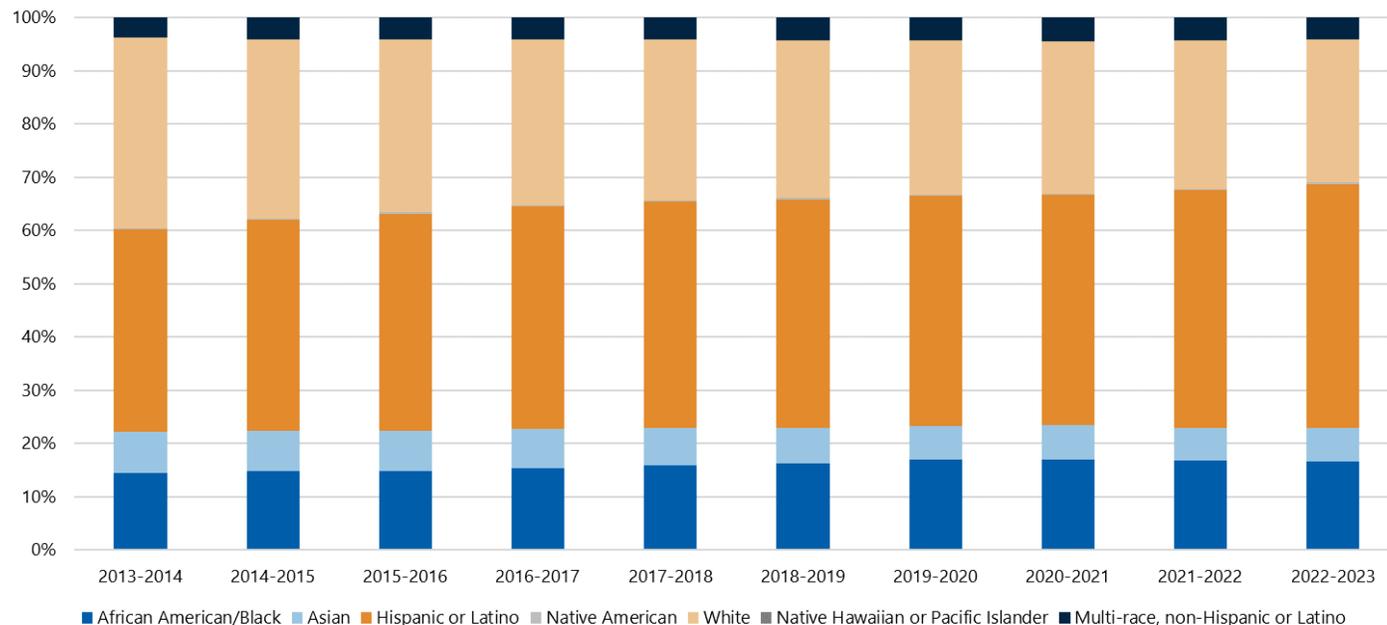


WORCESTER PUBLIC SCHOOLS: ENROLLMENT, 2014-2023



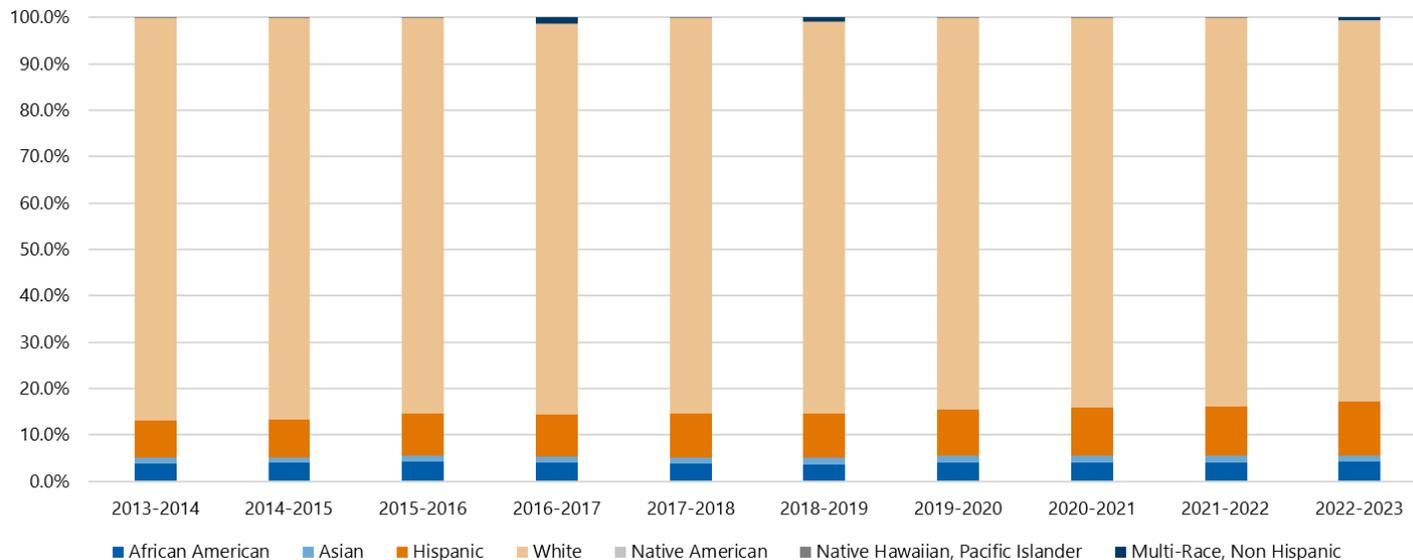
Source: Massachusetts Department of Elementary & Secondary Education

WORCESTER PUBLIC SCHOOLS: ENROLLMENT BY RACE, 2014-2023



Source: Massachusetts Department of Elementary & Secondary Education

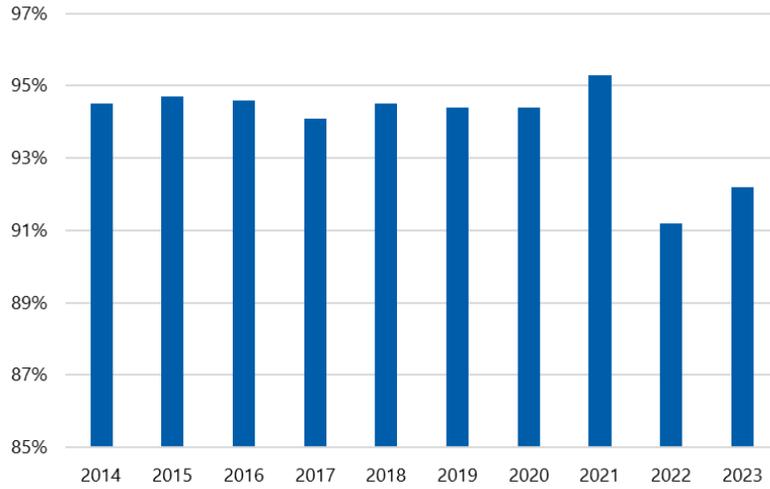
WORCESTER PUBLIC SCHOOLS: STAFFING BY RACE, 2014-2023



Source: Massachusetts Department of Elementary & Secondary Education

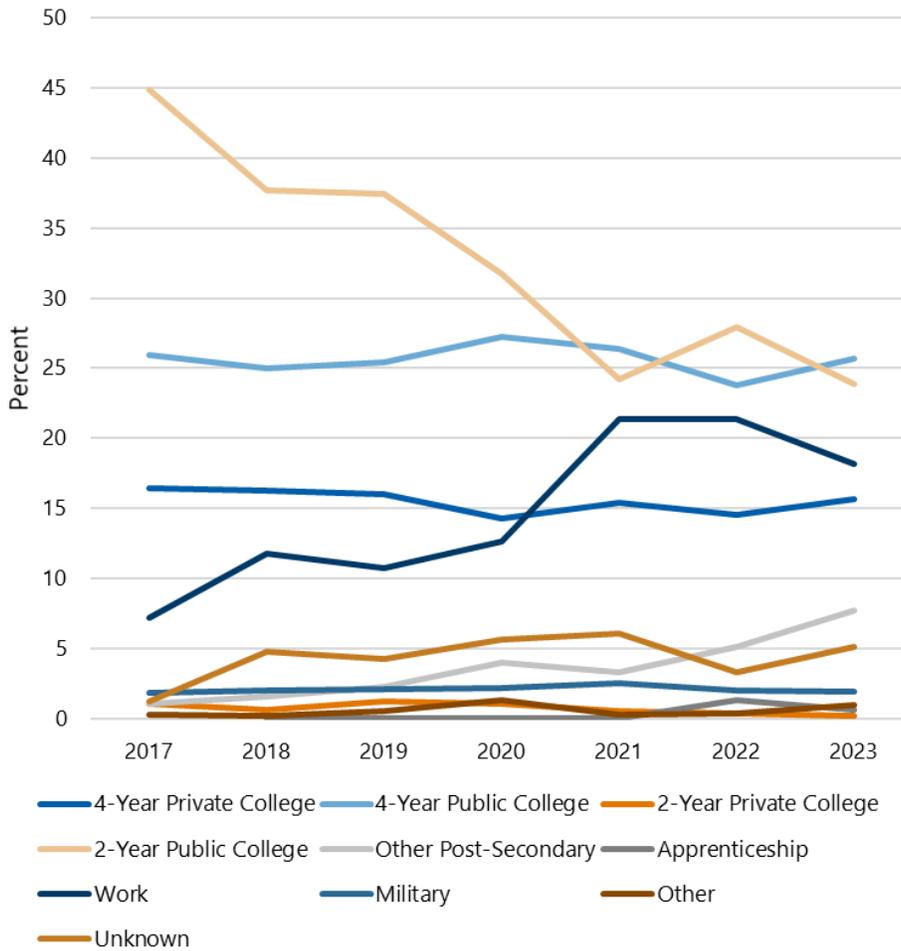


WORCESTER PUBLIC SCHOOLS: GRADES 9-12 ATTENDANCE RATES, 2013-2023



Source: Massachusetts Department of Elementary & Secondary Education

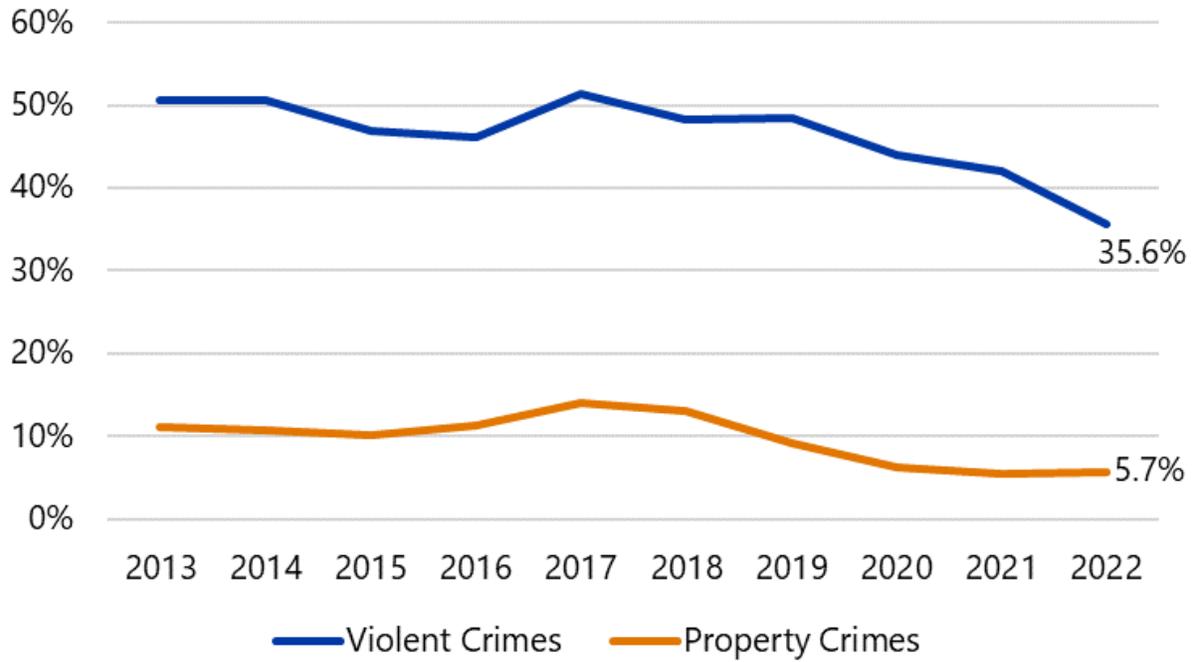
WORCESTER PUBLIC SCHOOLS: PLANS OF HIGH SCHOOL GRADUATES, 2017-2023



Source: Massachusetts Department of Elementary & Secondary Education



WORCESTER: CLEARANCE RATES BY CRIME TYPE, 2013-2022



Source: Federal Bureau of Investigation's Crime Data Explorer

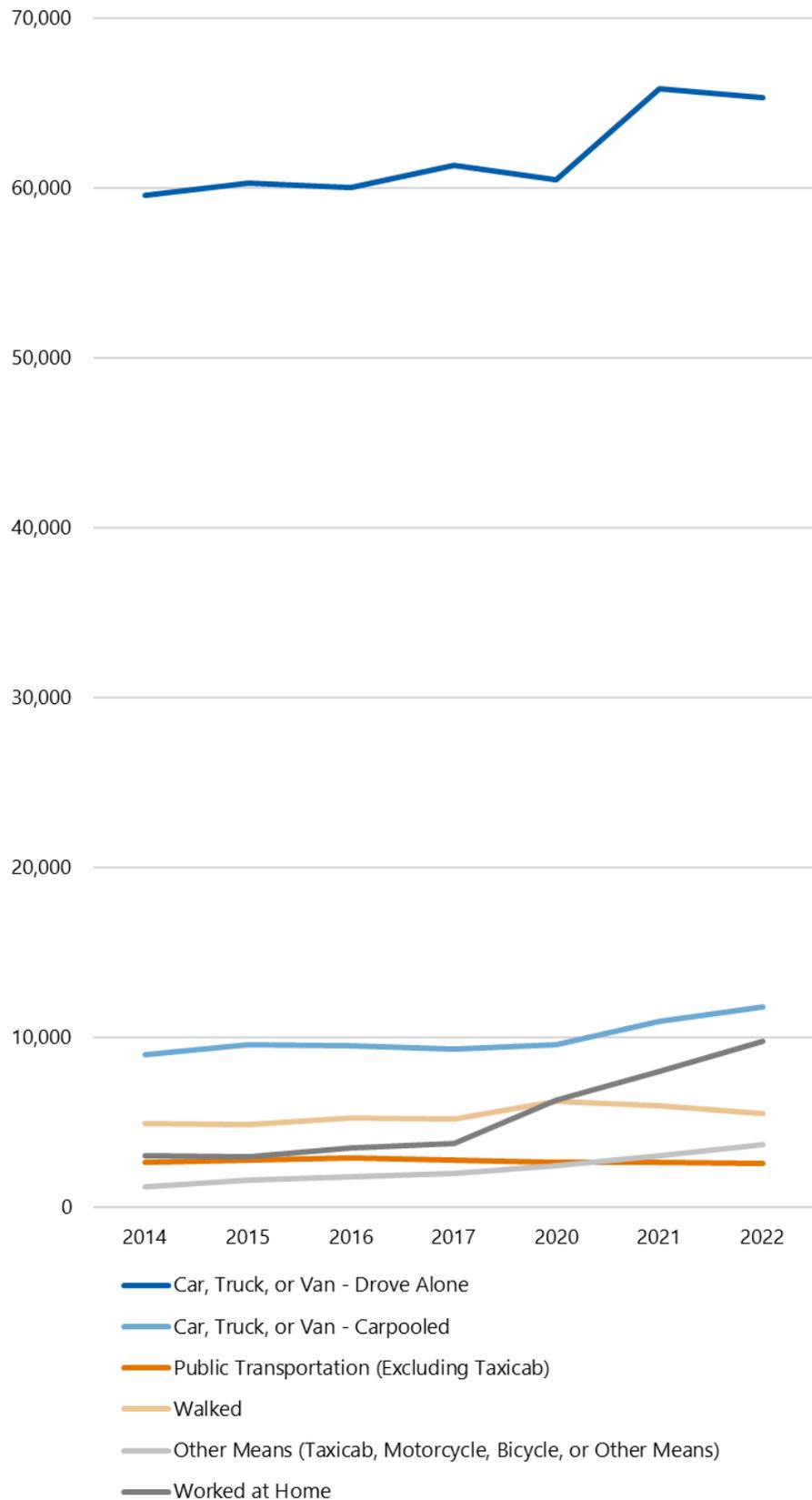
Worcester: Violent Crime reported to Worcester Police Department, 2013-2022

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Aggravated Assault	1,236	1,350	1,186	1,178	976	928	882	902	955	1,026
Homicide	9	6	8	8	5	5	13	10	6	11
Rape (Including Legacy Definition)	23	10	33	66	54	55	45	49	52	42
Robbery	483	402	407	394	324	290	229	210	191	166
Burglary	1,916	1,417	1,214	1,367	866	849	751	666	713	696
Larceny-theft	3,932	3,829	3,765	3,478	2,786	2,790	2,637	2,588	2,452	2,408
Motor Vehicle Theft	399	366	396	519	396	339	370	448	376	340
Arson	7	2	3	5	7	9	6	13	12	7

Source: Federal Bureau of Investigation's Crime Data Explorer



WORCESTER: WORK COMMUTE PATTERNS, WORKERS 16 YEARS AND OLDER, 2014- 2022



Source: U.S. Census Bureau, 2022 5-Year American Community Survey



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