

COMMUNITY ASSESSMENT



AMOSKEAG
HEALTH

2023



Table of Contents

Item	Page(s)
Community Description	
Geographic Description	3
Demographic Description	4
Definition of Community	4
Communities of Place, Interest, and Experience	5
Relevant Communities Within the Community	5
Community Needs	
Consequences	5-7
Problem Behaviors	7-8
Root Causes and Local Conditions	9
Health Disparities and Social Drivers of Health	9-25
Community Resources	
Resources Across the Continuum of Care	25-27
Logic Model	TBD
Resources	27-28

Amoskeag Health will concentrate efforts to build an infrastructure and capacity alternative to competing initiatives by utilizing the Strategic Prevention Framework Model to focus on reducing substance misuse and mental health promotion problems with collaboration initiatives.

Vision: We envision a healthy and vibrant community with strong families and tight social fabric that ensures everyone has the tools they need to thrive and succeed.

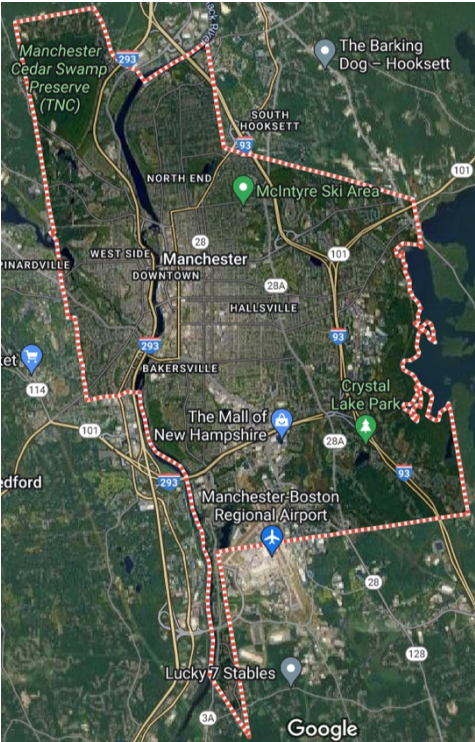
Mission: To improve the health and well-being of our patients and the communities we serve by providing exceptional care and services that are accessible to all.

I. Community Description

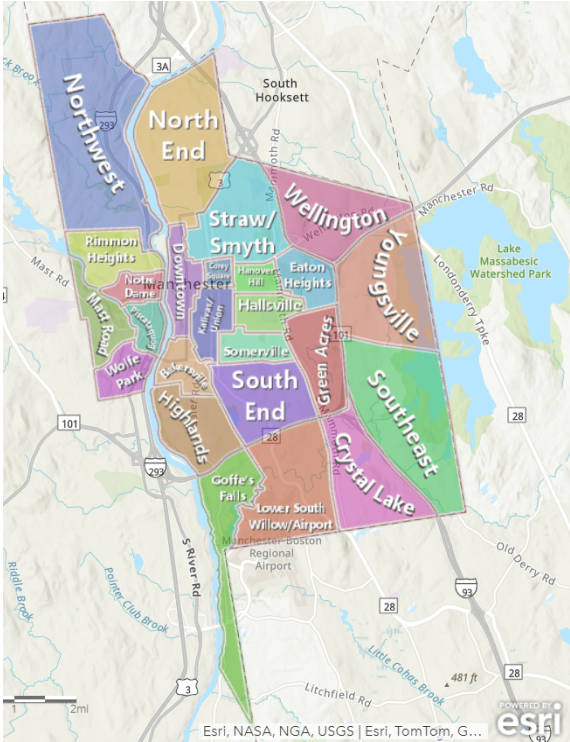
A. Geographic description

The geographic community is the city of Manchester, New Hampshire. Geographic catchment area includes neighborhoods that locals call “Center City,” with its heavy concentration of low-income and racially/ethnically diverse populations. Located around the downtown area of Manchester, they include Census tracts 13, 14, 15, 16, 19, and 2004 on the east side; and 20, 21 and 22 on the west side of the Merrimack River. Manchester is, along with the city of Nashua, one of two seats of New Hampshire’s most populous county, Hillsborough County.

Google Map of Manchester, NHⁱ



Neighborhood Map of Manchesterⁱⁱ



The map above, from the site My Manchester, shows 25 neighborhood areas that have been identified in the region.

B. Demographic description

The population of Manchester, New Hampshire is 115,644: reporting a median household income of \$74,769, the poverty rate is 11.0%. Among the adult population, 31.4% have a bachelor's degree or higher.ⁱⁱⁱ The median age is 38.2: 5.1% are under 5 years, 81.6% are 18 years and older, and 15.3% are 65 years and older.ⁱⁱⁱ Veterans make up 7.1% of the population: 12.7% are foreign born, while 19.2% speak a language other than English at home. Other languages spoken in homes in Manchester, New Hampshire include Spanish (10.3%), Other Indo-European languages (5.4%), Asian and Pacific Islander languages (1.5%) and Other languages (2.1%).ⁱⁱⁱⁱ

Among the total population in Manchester, New Hampshire, 76.7% are White, 5.5% are Black or African American, 0.35% are American Indian or Alaska Native, 4.1% are Asian, 0.05% are Native Hawaiian or Other Pacific Islander, 5.3% are some other race, and 8.0% are two or more races. Hispanic and Latino residents make up 11.8% of the population, regardless of race.ⁱⁱⁱ

There exist 51,438 households in Manchester, New Hampshire where 51.8% are homeowners: the median housing value is \$354,200. Renter costs are approximately \$1,438 per month (median gross rent) and the median household income is \$74,769.ⁱⁱⁱ Broken down by gender, median earnings for males in Manchester totals \$34,890 while the same figure is \$33,295 for females. Of Manchester city residents, 16.9% of children live in poverty; 5.5% are without health insurance coverage: 13.5% of the population reports living with a disability. The most predominant disabilities reported include: hearing difficulty (3.7%), vision difficulty (2.5%), cognitive difficulty (6.6%), ambulatory difficulty (4.9%), self-care difficulty (1.8%), and independent living difficulty (5.7%).^{iv}

Educational attainment is the foundation of business and economy in Manchester, New Hampshire, where 30.0% are high school graduates or higher: 20.5% have some college with no degree, 6.8% have an Associate's degree, 20.6% have a Bachelor's degree, and 10.8% have a graduate or professional degree.ⁱⁱⁱ Hillsborough County has 11,040 establishments indicated as businesses employing 179,402 individuals.ⁱⁱⁱ The employment rate in the labor force in Manchester is 70.8%, where the average commute to work is 23.9 minutes.ⁱⁱⁱ

C. Definition of community

The population of focus is elementary, middle, and high school students in 13 Manchester School District schools located in the Center City Census tracts. These schools include Central High School, Memorial High, West High, Manchester School of Technology, Southside Middle, Parkside Middle, Hillside Middle, McLaughlin Middle, Beech Street Elementary, Gossler Elementary, Bakersville Elementary, Wilson Elementary, and McDonough Elementary.^v

According to the New Hampshire Department of Education, a total of 9,031 students were enrolled in these 13 schools in 2022. Their demographics are: 48.1% White, 30.9% Hispanic/ Latino, 10.6% Black/African American, <10% each American Indian/Alaskan, Asian/Pacific Islander, and Multiple Races; 51.6% were male, 48.4% were female. Also, 50.9% were economically disadvantaged, 50.4% qualify for the free or reduced lunch program, and 20.6% were English language learners. Data is not available or suppressed for being less than 10% for federally recognized tribe, gender identity, and sexual orientation.^v The demographic data indicates a population of focus with a high proportion of racial/ethnic diversity and low-income.

Communities of Place, Interest, and Experience

Situated in Manchester's "Center City," Hope for NH Recovery offers convenient access to a recovery community. The recovery center provides essential services, including peer support, telephone recovery support (TRS), and a judgment-free environment for meetings and activities. Embracing various pathways to recovery, it serves as a resource hub, offering support groups, therapy, and treatment options. Family support groups are available, and the center encourages artistic expression for personal growth. Its mission is to assist individuals in finding, maintaining, and strengthening recovery from substance misuse.

The recovery community has expanded greatly in the last decade. Manchester is home to a variety of recovery residences and self-help organizations, including accessible 12-step programs distributed throughout the city. This extensive support network significantly enhances resources for individuals on the path to recovery.

Doral Dental Stadium in Manchester is the home field for the New Hampshire Fisher Cats, a double-A Minor League baseball team. Despite having a moderate following, the team draws dedicated fans to their games.

Relevant Communities Within the Community

Manchester houses commuter colleges, including Southern New Hampshire University, the University of New Hampshire at Manchester, and Manchester Community College.

The city's industries are diverse and include various sectors such as manufacturing, information processing and technology, retail, service, and healthcare.

II. Community Needs

A. Consequences

The largest city in the state, Manchester, remains the epicenter of New Hampshire's opioid crisis, with a drug overdose death rate of 50.6 per 100,000 in 2020 compared to 19.4 per 100,000 in an average of Dashboard Cities on City Health Dashboard.^{vi}

Consequences related to opioid misuse include 106 overdose deaths in 2022 in Manchester.^{vii} In the figures below, *Manchester consistently has the highest number of confirmed overdoses in the state*^{viii}.

As of May 2023, AMR, the local emergency response provider, reported the number of opioid overdoses and confirmed deaths. This also includes a projected total for 2023. Though projected numbers appear decreased from 2022, the projected rate of overdoses and deaths show little decrease.^x

Manchester, NH opioid overdoses and confirmed deaths, 2015-May 2023^x

									PROJECTED	ACTUAL
Manchester, NH	2015	2016	2017	2018	2019	2020	2021	2022	2023	275
Opioid overdoses (#)	728	787	877	708	571	412	573	701	669	
Overdoses change YOY (%)	-	8%	11%	-19%	-19%	-28%	39%	22%	-5%	
Overdoses per capita (/100k)	629.5	680.5	758.4	612.2	493.8	356.3	495.5	606.2	578.6	
Total deaths (#)	88	90	67	52	57	39	51	78	37	15
Deaths change YOY (%)	-	2%	-26%	-22%	10%	-32%	31%	55%	-1%	
Deaths per capita (/100k)	76.1	77.8	57.9	45	49.3	33.7	44.1	68.3	67.3	

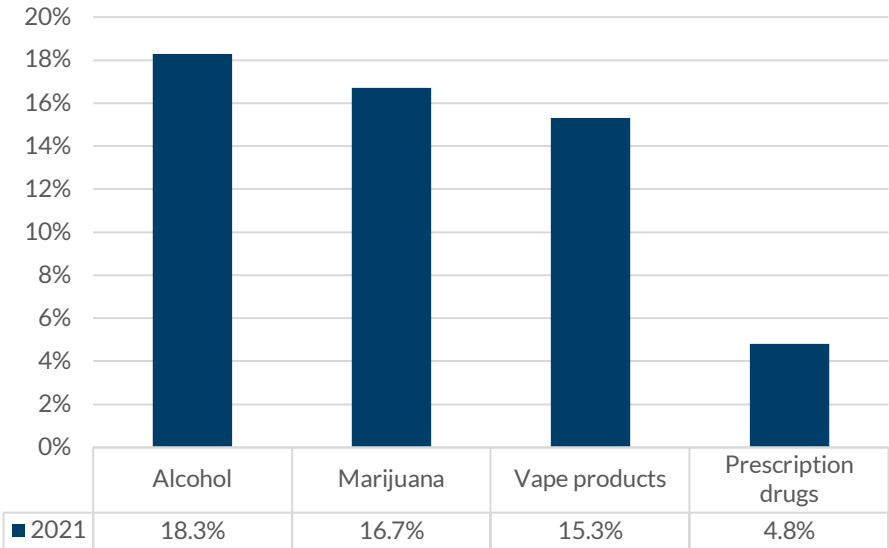
B. Problem Behaviors

2021 Youth Risk Behavior Survey (YRBS) for Greater Manchester which demonstrates high rates of substance misuse and mental health concerns for Manchester youth. The table below also indicates subpopulations that are at increased risk, including Manchester's Hispanic students and gay, lesbian, and bisexual students. Data for other race/ethnic groups were suppressed due to low numbers. Survey results also identify potential local substance use prevention priorities, which can include alcohol, marijuana, prescription drugs, and/or electronic vapor products.^{xi}

Select results from 2021 Youth Risk Behavior Survey—High School (Greater Manchester, Manchester Hispanic, Manchester White, Manchester Gay Lesbian Bisexual, Manchester Heterosexual, New Hampshire)^{xii}

YRBS Social Drivers of Health	Greater Manch	Manch Hispanic	Manch White	Manch GLB	Manch Hetero	NH
Percent of students who currently used marijuana during the past 30 days	16.7	22.6	17.9	20.9	14.7	17.8
Percent of students who currently took a prescription drug without a doctor’s prescription during past 30 days	4.8	7.6	5.3	5.8	3.8	4.4
Percent of students who currently drank alcohol during the past 30 days	18.3	17.0	21.6	21.6	17.9	21.3
Percent of students who currently used an electronic vapor product during the past 30 days	15.3	18.6	17.3	21.9	12.4	16.2
Percent of students who ever felt sad or hopeless during the past 12 months	43.6	49.9	44.0	72.5	33.7	44.2
Percent of students who attempted suicide during the past 12 months	10.4	15.2	10.2	20.5	5.0	9.8

Prevalence of Use (Past 30 Days) by Substance for High School Students, 2021, Greater Manchester^{xii}



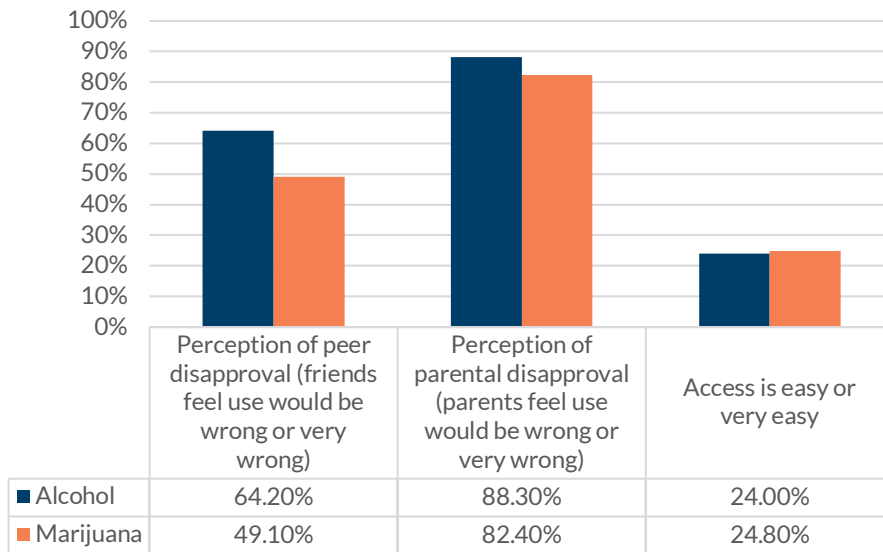
C. Root causes and Local Conditions (for each drug)

The coalition is working together to focus on root causes and local conditions for the two substances of focus, alcohol, and marijuana.

Perceptions of peer and parental disapproval are indicators of prevalence of alcohol use for youth. In the 2021 regional YRBS data, 64.2% of high school students reported their friends would feel it would be wrong or very wrong for them to have one to two drinks of alcoholic beverage nearly every day (beer, wine, or liquor). More students (88.3%) indicated that their parents would feel that same action would be wrong or very wrong.^{xi} According to the City Health Dashboard, 18% of adults in Manchester reported binge drinking in the last 30 days in 2020 compared to an average of 17.2% across the US. Ease of access is another root cause that can contribute to alcohol use. In the 2021 Manchester YRBS, nearly one in four students (24.0%) thought it would be easy for them to get alcohol.

In addition to alcohol, marijuana is another substance of concern in the community. According to 2021 regional YRBS data, 82.4% of students indicated that their parents would feel it was wrong or very wrong to smoke marijuana. However, only half (49.1%) of students indicated that they felt their friends would feel it would be wrong or very wrong to smoke marijuana. Regarding access to marijuana, one in four students (24.8%) indicated that it would be easy or very easy for them to get marijuana if they wanted to.^{xi}

Regional 2021 YRBS Data, Perception and Access Root Cause Data^{xii}



D. Health Disparities and Social Drivers of Health

a. Education Access and Quality^{xiii}

- Racial disparity in educational attainment is 0.20 (US median is 0.16)
- Neighborhood disparity in educational attainment is 17.82 (US median is 10.47)
- High school graduation rate is 85.5% (US median is 89.4%)
- Population with an advanced degree is 48.8% (30.6% is national median)
- Per pupil expenditures is \$16,345 (US median is \$13,452)
- 98.6% of youth live within five miles of a public school (US is 80.4%)
- 2.1% of youth are idle (not working and not enrolled in school) (US mean is 2.4%)

- Preschool enrollment is 52.1% (US mean is 42.6%)

b. Healthcare Access and Quality^{xiii}

- Access to care in Hillsborough County scores 59/100. Hospital bed availability per 1,000 is 3.0, higher than the US rate of 1.9
- Population with no health insurance is 8.0% (US rate is 11%)
- Primary doctor availability is 1.57/1,000 (US rate is 0.97/1,000)

c. Neighborhood and Built Environment^{xiii}

- There are 2.4 local food outlets for every 100,000 people (US is 0.0, peer group is 1.3)
- 32.3% of the population lacks access to a large grocery store (US rate is 21.7%)
- There is a rate of .02/1,000 drinking water violations (US median 0.03/100,000)
- 32.0% of the population lives within a 0.5 mile walk of a park (US rate is 18%)
- Toxic release index score is .14 (US is 0.04)
- 40.0% of the county has a tree canopy (US rate is 20.6%)
- FEMA national risk index score is 8.3 (US median is 9.1)
- 98.8% of the population has access to broadband internet (US median 96.7%)
- Neighborhood walkability score is 7.3 (US median is 6.1)
- 10.7% of workers commute 60 minutes or more (US median is 6.8%)

d. Social and Community Context^{xiii}

- The adult smoking rate is 15.4%, lower than the national median of 20%
- Life expectancy is 79.6 years, slightly higher than the national median, which is 77.5 years
- Adults with no leisure time or physical activity is 22.0% (US rate is 26.2%)
- 74.4% of adults have had a recent primary care visit (US rate is 74.6%)
- Teen birth rate is 8.2/1,000 (US rate is 20.3/1,000)
- 13.2% of adults have frequent mental distress (US rate is 15.8%)
- The rate of deaths of despair is 65.4/100,000 (US rate is 47.5/100,000)
- Segregation index scores (0.26 compared to 0.39 national median). A lower score indicates a community is more racially/ethnically integrated.
- The violent crime rate is 273.1/100,000 (US median is 204.5/100,000)
- Per capita spending on health and emergency services is \$454 (US median is \$358)
- The net migration rate is -1.3% (US median is -0.2%)
- Voter participation rate is 74.3% (US median is 66%)

e. Economic Stability^{xiii}

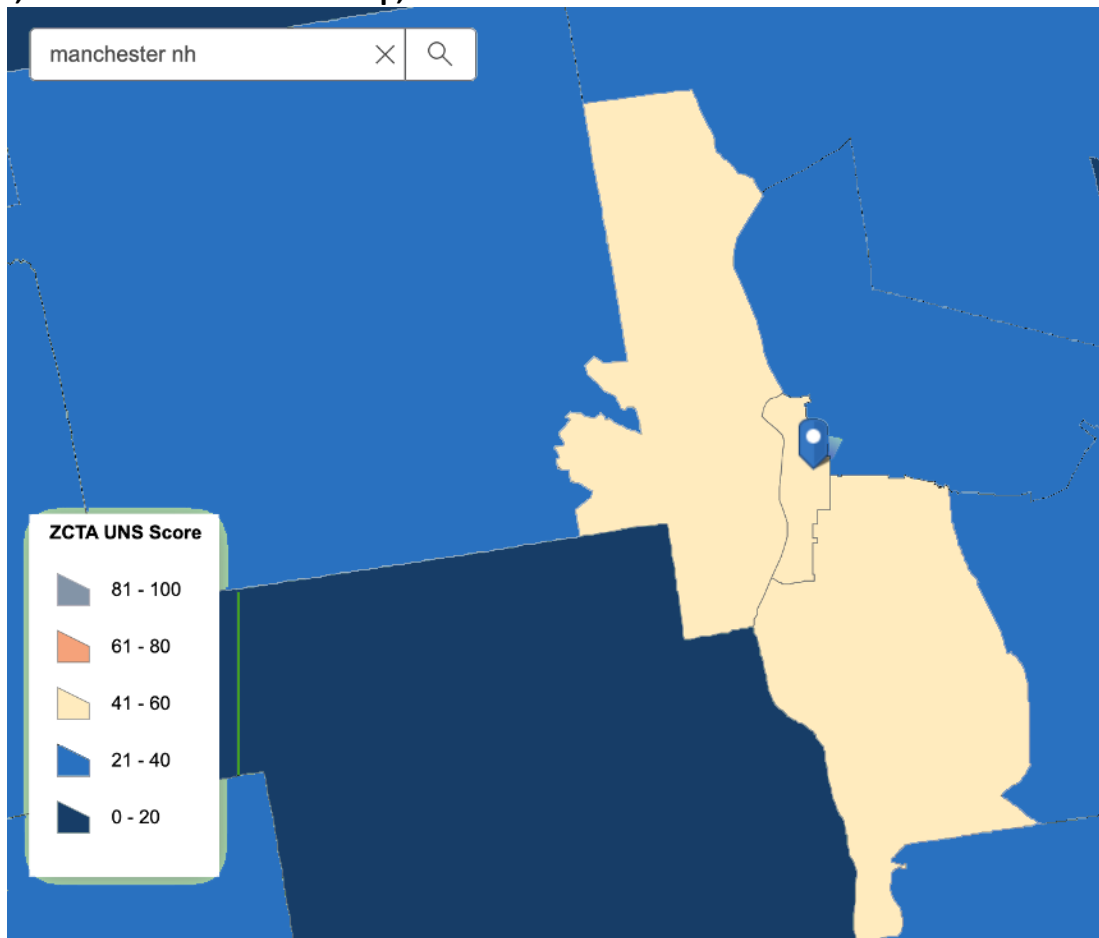
- The Gini index (which measures the extent to which the distribution of income or consumption among individuals or households within an economy deviates from an equal distribution) is 0.43 (US score is 0.44)
- Poverty rate is 7.4% (US rate is 13.6%)
- Neighborhood disparity in poverty is 7.28 (US is 6.97)
- Racial disparity in poverty is 0.16 (US is 0.13)
- Unemployment rate is 7.0% (US rate is 6.5%)
- Median household income is \$78,934 (US median is \$58,759)

- Labor force participation is 70.0% (US rate is 58.8%)
- Business growth rate is 7.5% (US is 7.7%)
- Job diversity index score is 0.94 (US is 0.74)
- There are 38,864 jobs within a 45-minute commute (3,890 in the US)
- 5.4% of houses are vacant (US rate is 16.3%)
- 31.5% of households spend at least 30% of income on housing (US median in 22.8%)
- Affordable housing shortfall is -3.5 (US is -61.4)
- 1.7% of households are overcrowded (US is .8%)

f. Map(s) of Health Disparities

Manchester, New Hampshire has an unmet need score ranging between 41-60, higher than that of surrounding areas as illustrated by the map below. The Unmet Need Score (UNS) is used to evaluate the need for new Health Center Program investments. The UNS is calculated using 28 health determinant and health status measures (<chrome-extension://efaidnbmninnibpcajpcglclefindmkaj/https://bphc.hrsa.gov/sites/default/files/bphc/funding/uns-resource-guide.pdf>).

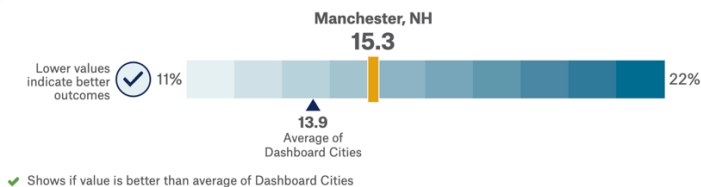
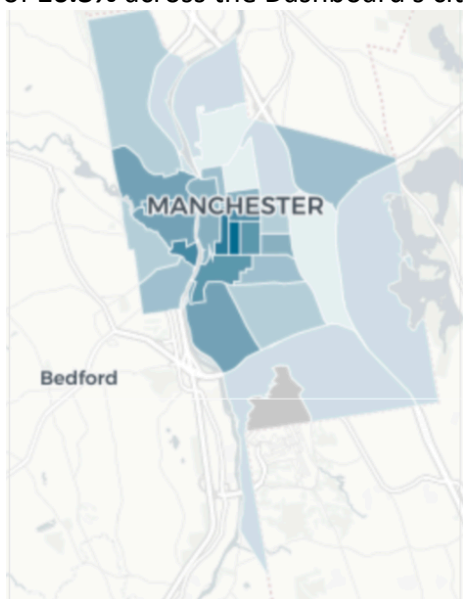
Manchester, NH Unmet Need Score Map, 2022^{xiv}



Health Outcomes^{xv}

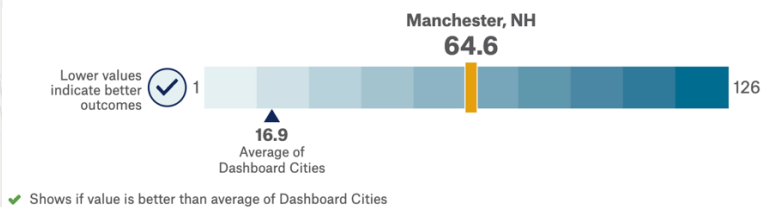
Frequent Mental Distress in 2021^{xv}

Manchester had an estimated **16.6%** of adults report frequent mental distress in **2021**, compared to an average of **16.3%** across the Dashboard's cities.



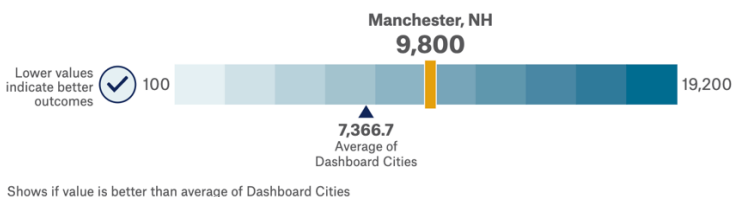
Opioid Overdose Deaths in 2020^{xv}

Manchester had an estimated **50.6** opioid overdose deaths per 100,000 population in **2020**, compared to an average of **19.4** per 100,000 population across the Dashboard's cities.



Premature Deaths (All Causes) in 2020^{xv}

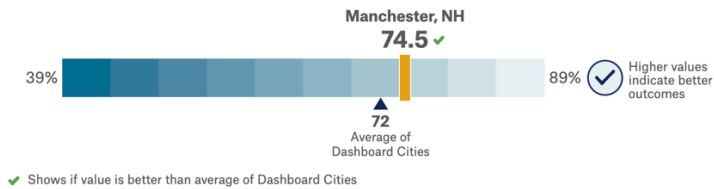
Manchester had an estimated **9,300 years** of potential life lost per 100,000 population in **2020**, compared to an average of **7,759.4** per 100,000 population across the Dashboard's cities.



Social and Economic Factors^{xv}

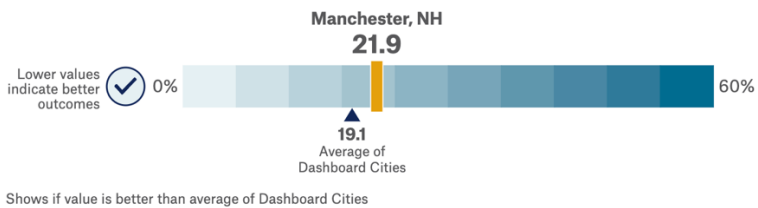
Broadband Connection in 2020^{xv}

Manchester had an estimated **75.3%** of households with high-speed broadband internet in **2020**, compared to an average of **74.3%** across the Dashboard's cities.



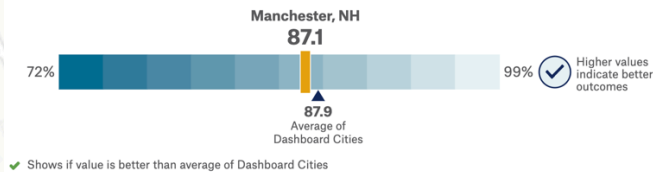
Children in Poverty in 2020^{xv}

Manchester had an estimated **21%** of children in poverty in **2020**, compared to an average of **17.2%** across the Dashboard's cities.

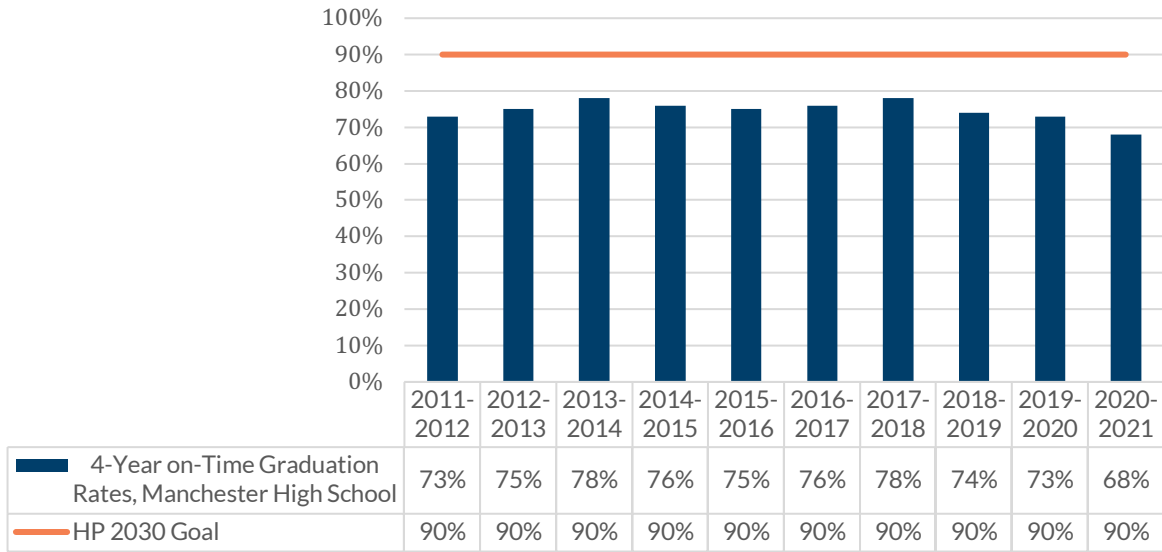


High School Completion in 2020^{xv}

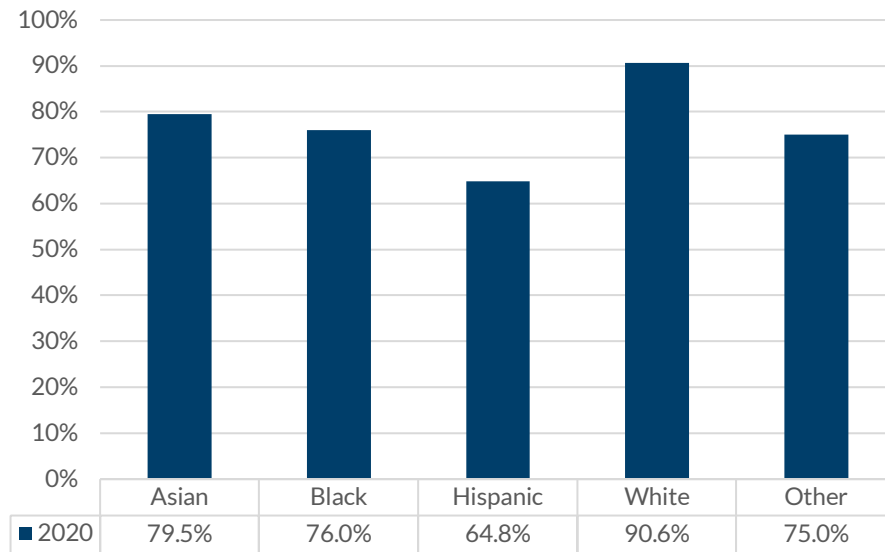
Manchester had an estimated **87.5%** of adults with a high school diploma equivalent or higher in **2020**, compared to an average of **88.7%** across the Dashboard's cities.



4-Year On-Time Graduation Rates, Manchester High School, 2011-2012 through 2020-2021^{xvi}

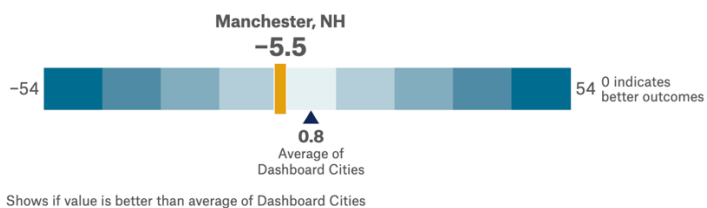


Percent of Adults (Aged 25+) with at least High School Diploma by Race & Ethnicity^{xv}



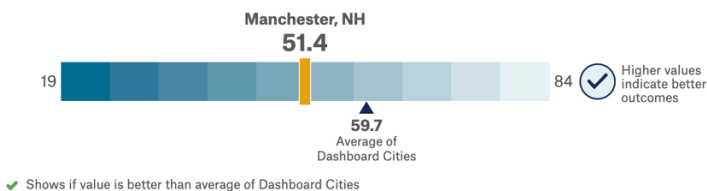
Income Inequality in 2020^{xv}

Manchester had an estimated income inequality score of **-10.3** (out of +/-100) in **2020**, compared to an average of **-5.2** across the Dashboard's cities.



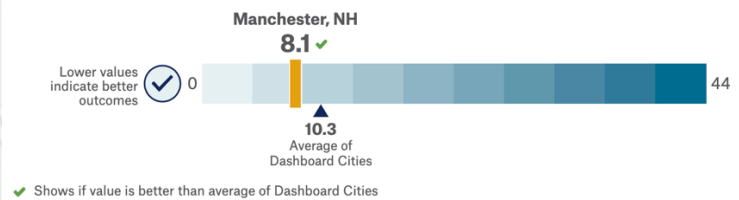
Racial/Ethnic Diversity in 2021^{xv}

Manchester had an estimated racial/ethnic diversity score of **55.3** (out of 100) in **2021**, compared to an average of **62** across the Dashboard's cities.



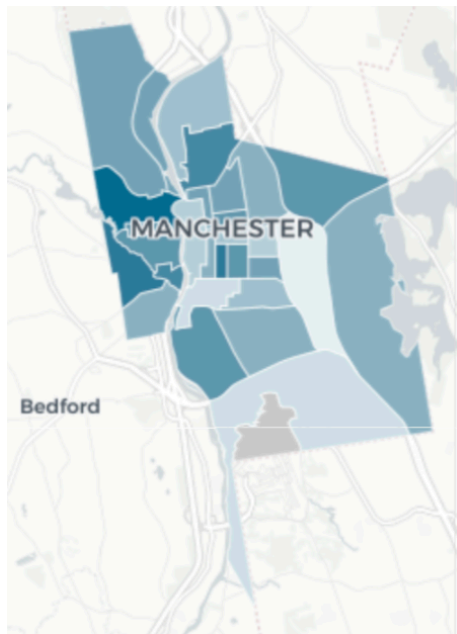
Neighborhood Racial/Ethnic Segregation in 2020^{xv}

Manchester had an estimated neighborhood racial/ethnic segregation score of **9.9** (out of 100) in **2020**, compared to an average of **11.3** across the Dashboard's cities.



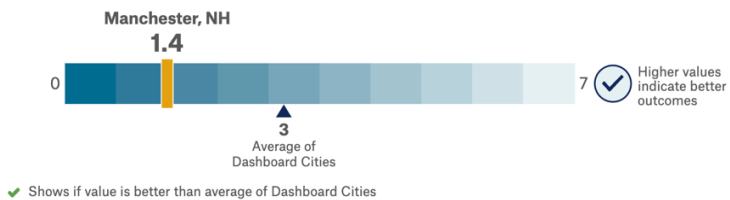
Rent Burden in 2020^{xv}

Manchester had an estimated **50.2%** of households experiencing high rent burden in **2020**, compared to an average of **50.3%** across the Dashboard's cities.



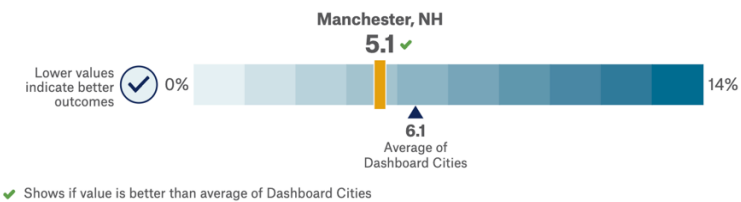
Third-Grade Reading Scores in 2018^{xv}

Manchester had an estimated average reading test score of **1.4** among public school third graders in **2018**, compared to the national average of **3** (for 3rd grade level).

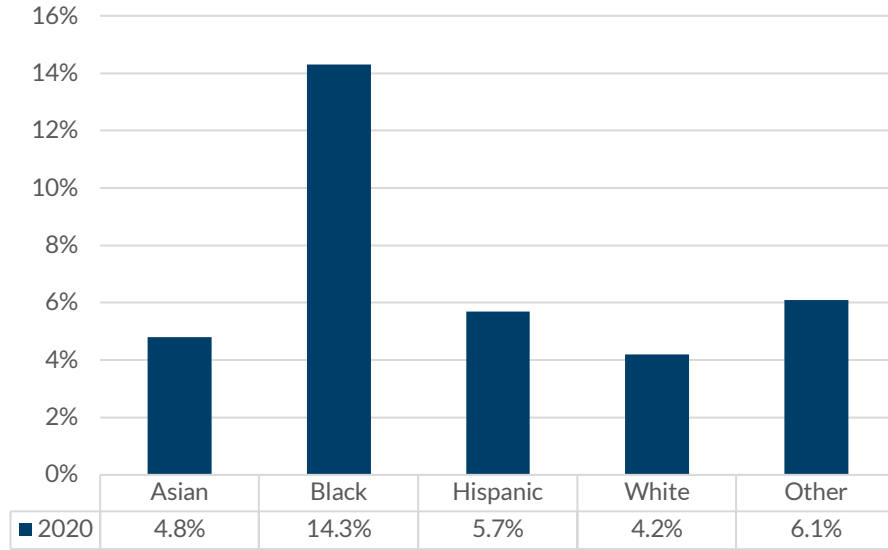


Unemployment - Annual, Neighborhood-Level in 2018^{xv}

Manchester had an estimated **5.1%** of its labor force who were unemployed in **2018**, compared to an average of **6.1%** across the Dashboard's cities.



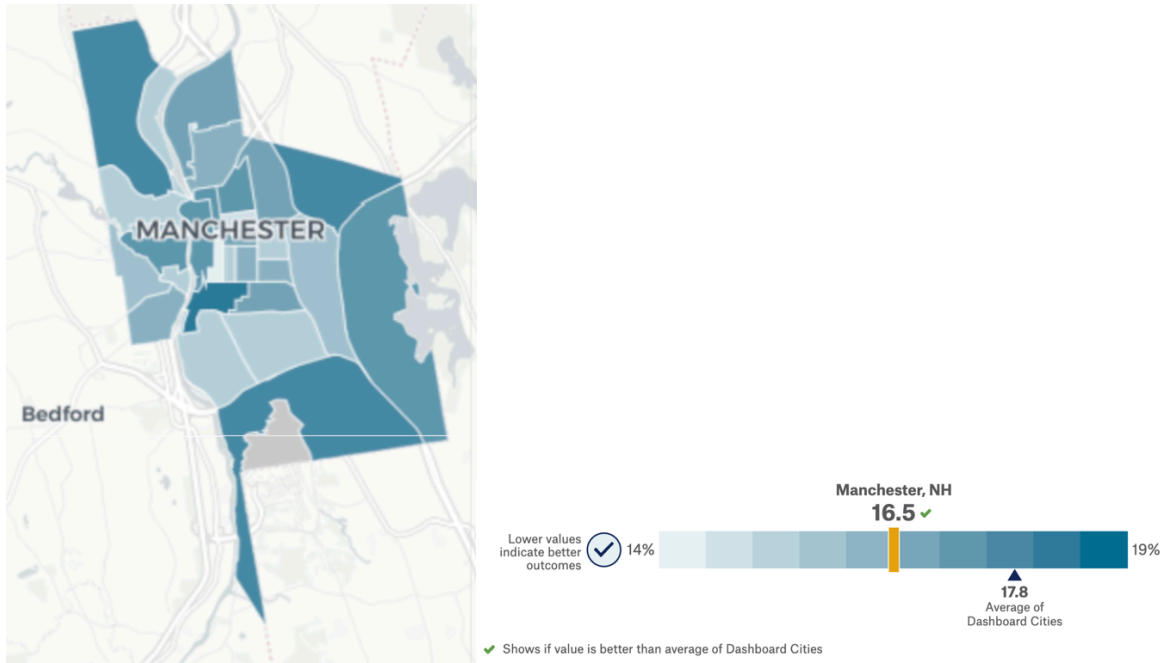
Unemployment Rates by Race & Ethnicity, 2020^{xv}



Health Behaviors^{xv}

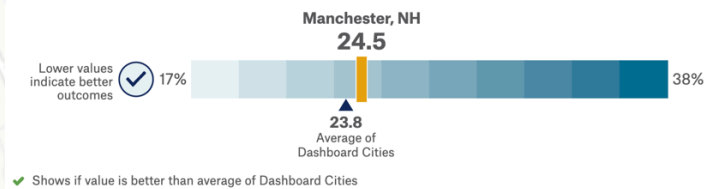
Binge Drinking in 2018^{xv}

Manchester had an estimated **16.5%** of adults report binge drinking in **2018**, compared to an average of **17.8%** across the Dashboard's cities.



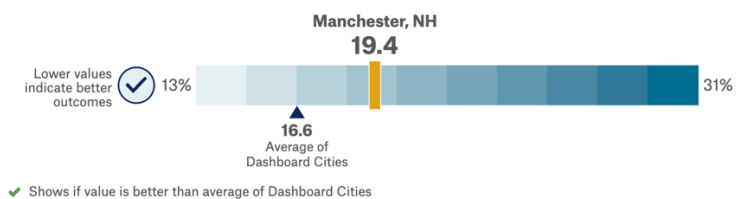
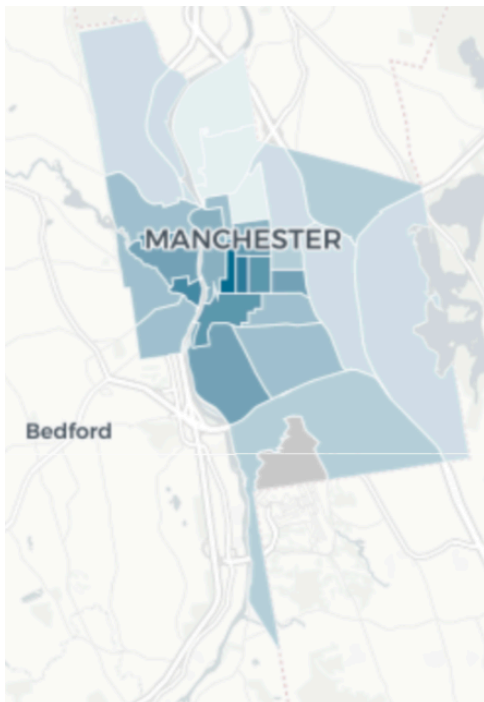
Physical Inactivity in 2018^{xv}

Manchester had an estimated **24.5%** of adults report being physically inactive in the past 30 days in **2018**, compared to an average of **23.8%** across the Dashboard's cities.



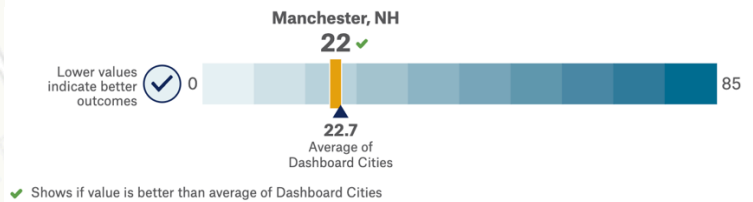
Smoking in 2018^{xv}

Manchester had an estimated **19.4%** of adults report smoking in **2018**, compared to an average of **16.6%** across the Dashboard's cities.



Teen Births in 2018^{xv}

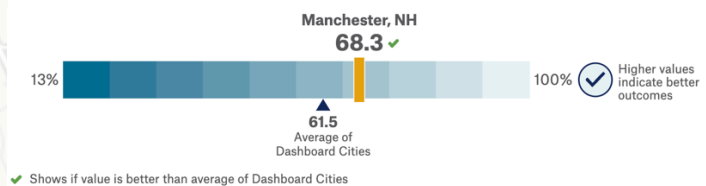
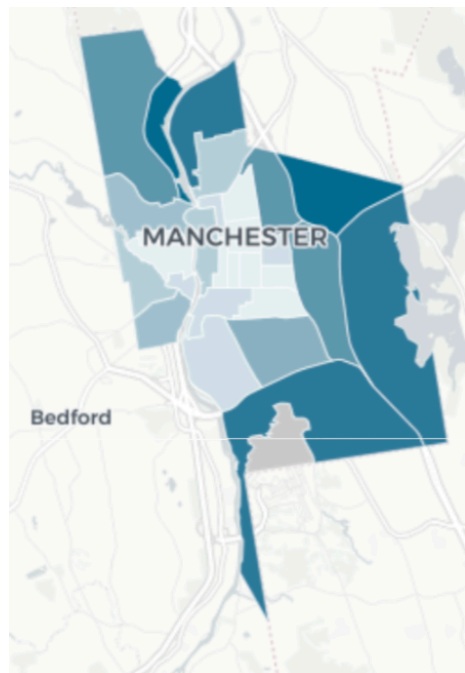
Manchester had an estimated **22** teen births per 1,000 females aged 15-19 in **2018**, compared to an average of **22.7** across the Dashboard's cities.



Physical Environment^{xv}

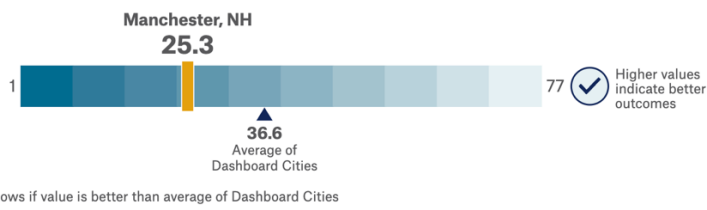
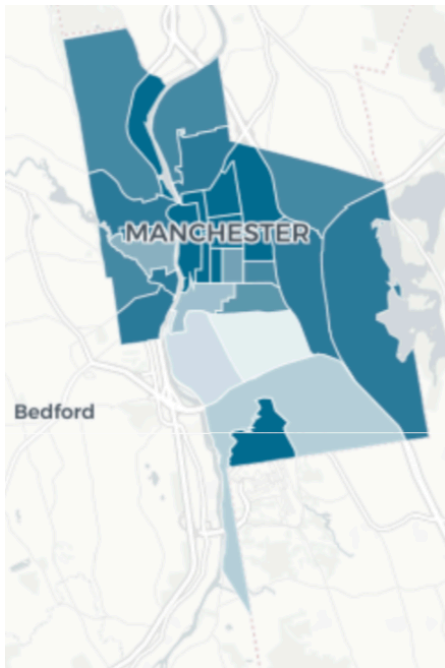
Park Access in 2022^{xv}

Manchester had an estimated **68.3%** of residents with park access in **2022**, compared to an average of **61.5%** across the Dashboard's cities.



Walkability in 2022^{xv}

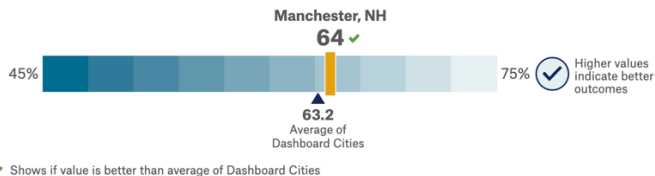
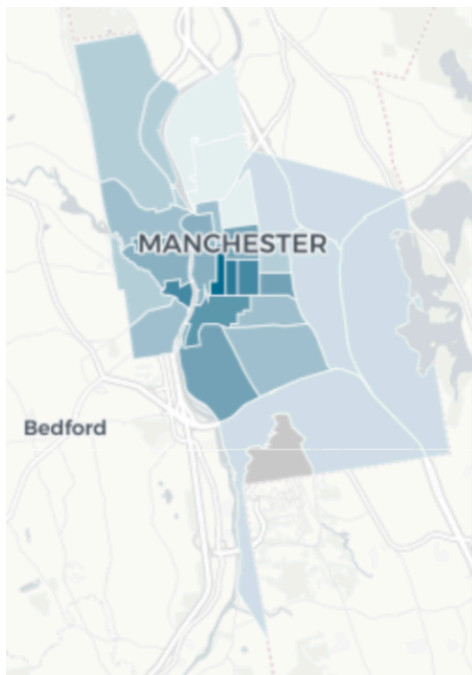
Manchester had an estimated walkability score of **25.3** (out of 100) in **2022**, compared to an average of **36.6** across the Dashboard's cities.



Access to Care^{xv}

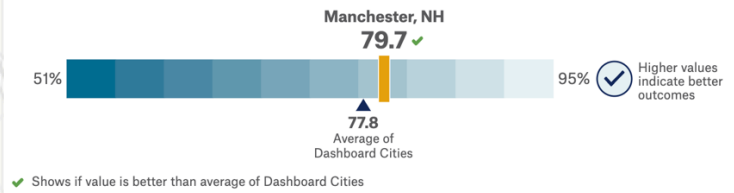
Dental Care in 2018^{xv}

Manchester had an estimated **64.9%** of adults report visiting a dentist in **2018**, compared to an average of **65.2%** across the Dashboard's cities.



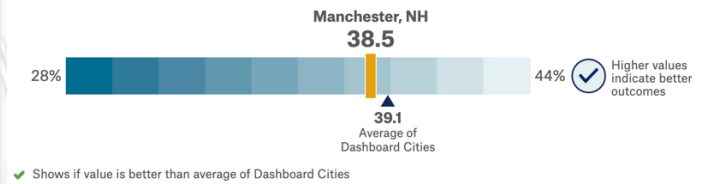
Prenatal Care in 2018^{xv}

Manchester had an estimated **78.8%** of births for which prenatal care began in the first trimester in **2018**, compared to an average of **77.5%** across the Dashboard's cities.



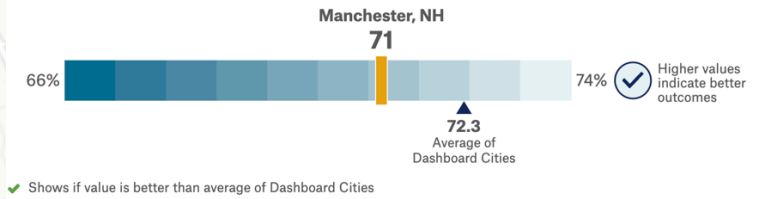
Preventive Services, 65+ in 2018^{xv}

Manchester had an estimated **28.1%** of adults aged 65+ report receiving preventive services in **2018**, compared to an average of **30.3%** across the Dashboard's cities.



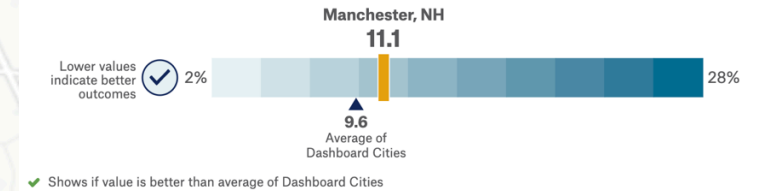
Routine Checkup, 18+ in 2018^{xv}

Manchester had an estimated **76.4%** of adults report visiting a doctor for a routine checkup in **2018**, compared to an average of **74.6%** across the Dashboard's cities.

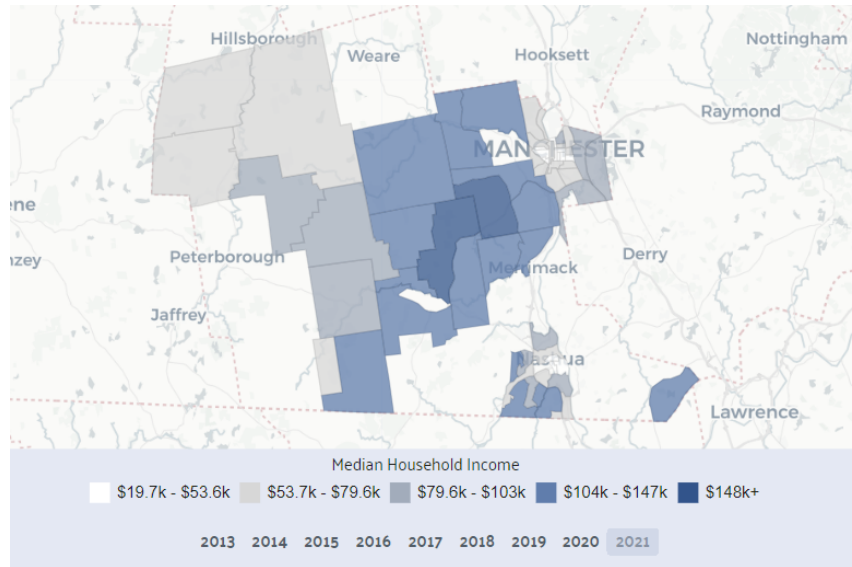


Uninsured in 2018^{xv}

Manchester had an estimated **11.3%** of the population less than 65 years old who were uninsured in **2018**, compared to an average of **10.4%** across the Dashboard's cities.



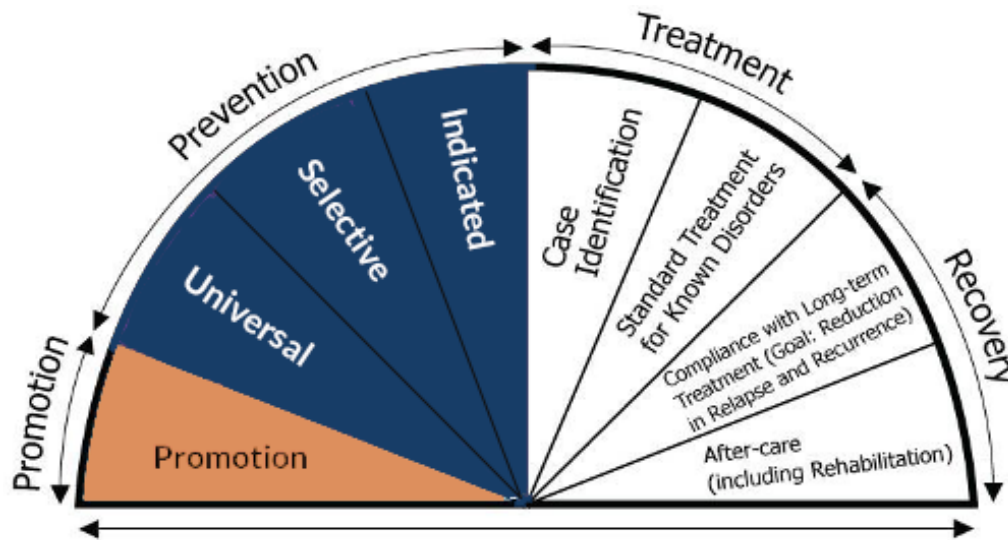
Map of Income by Location^{xvii}



III. Community Resources

Describe the resources that promote positive consequences and behaviors, protective factors and local conditions that build protection and assets that can be used to change poor local conditions.

Resources Across the Continuum of Care



Continuum of Care	Resource
Promotion	Boys and Girls Club of Manchester
	CMC Mobile Van
	DWC Boy Scouts
	Girl Scouts
	Girls at Work
	Girls Inc.
	Head Start
	Health Market Connect
	Makin' It Happen

	Manchester community Action Coalition
	Manchester Community Music School
	Manchester Grows
	Manchester Proud
	Media Powered Youth
	Mental Health Center GM
	MPAL
	NAMI NH
	NH Hunger Solutions
	ORIS Fresh Start Farms
	Parent Information Center
	Roca Kidz Club
	Southern NH Services
	The Moore Center
	Thrive NH
	UpReach
	WIC
Prevention	Amoskeag Health including Launch Manchester and ACERT
	Boys and Girls Club of Manchester
	City Year
	Granite YWCA NH
	Job Corps (Often selective but not always)
	Life of an Athlete (Statewide)
	Makin' It Happen
	Manchester Health Department
	Manchester Parks and Recreation
	Manchester Police Athletic League
	Manchester School District
	NH Rapid Response
	Office of Youth Services
	Sudanese Community of NH
	Teen Institute NH (Statewide)
	The Partnership for Drug Free NH (Statewide)
	YWCA NH
Treatment	Amoskeag Health
	Between Us Associates
	Dismas Home of NH
	Elliot Hospital
	Families in Transition-Willows Substance Use Treatment Center
	Farnum Center
	LifeStance Health
	Manchester CTC
	Manchester Metro Treatment Center
	Mental Health Center of Greater Manchester
	NH 988

	Office of Youth Services
	Pastoral Counseling Services
	Roots for Recovery at Catholic Medical Center
	The Doorway
	Veteran’s Administration
	Westbridge
Recovery	Addiction Recovery Service
	Groups Recovery Together
	Hope for NH Recovery
	New England High Intensity Drug Task
	Nurses in Recovery
	Recovery Friendly Workplace
	Teen Challenge
	The Doorway
After-Care	Amerihealth Caritas
	Better Life Partners
	Breathe NH
	CMC-BHC
	Dartmouth Hitchcock
	Elliot Hospital PHP
	Good Samaritan Network
	Granite Pathways
	Network 4 Health
	NH Healthy Families
	Waypoint
	Wellsense Health Plan MCO

V. Logic Model

Insert logic model graphic after strategic planning

ⁱ Map of Manchester, NH. Google Maps.

ⁱⁱ Map of Manchester Neighborhoods. My Manchester Health, 2023. Available at:

<https://www.mymanchesternh.com/Neighborhoods>

ⁱⁱⁱ US. Census data. Manchester City profile. Available at:

https://data.census.gov/profile/Manchester_city,_New_Hampshire?g=160XX00US3345140

^{iv} US Census. Types of Disabilities in Manchester City, New Hampshire, 2022. Available at:

<https://data.census.gov/vizwidget?g=160XX00US3345140&infoSection=Disability>

^v Amoskeag Health SAMHSA SPF Project Narrative, 2022.

^{vi} Manchester, NH. City Health Dashboard Opioid Overdose Deaths Metric in 2020. Available at:

<https://www.cityhealthdashboard.com/NH/Manchester/metric-detail?metricId=32&dataPeriod=2020>

^{vii} Office of Chief Medical Examiner, New Hampshire. 2022 NH Overdose Deaths Available at: <https://www.doj.nh.gov/medical-examiner/documents/2022-drug-data-update-3-10-23.pdf>

^{viii} 2022 NH Overdose Deaths. Office of Chief Medical Examiner, New Hampshire. Available at: <https://www.doj.nh.gov/medical-examiner/documents/2022-drug-data-update-3-10-23.pdf>

^{ix} New Hampshire Drug Monitoring Initiative, November 2020. Available at:

<https://www.dhhs.nh.gov/sites/g/files/ehbemt476/files/documents/2021-11/bdas-dmi-oct-2020.pdf>

^x Suspected Opioid Overdoses by the Numbers. AMR: A Global Medical Response Solution, EMS Data. Available at:

<https://www.dhhs.nh.gov/sites/g/files/ehbemt476/files/documents2/amr-may2023.pdf>

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- ^{xi} Department of Health and Human Services, New Hampshire. 2021 Youth Risk Behavior Survey Regional Results, Greater Manchester. Available at: <https://www.dhhs.nh.gov/sites/g/files/ehbemt476/files/documents2/greater-manchester-yrbs-results-2021.pdf>
- ^{xii} Youth Risk Behavior Survey (Greater Manchester, Manchester Hispanic, Manchester White, Manchester Gay Lesbian Bisexual (GLB), Manchester Heterosexual, New Hampshire (NH)), 2021.
- ^{xiii} US News Healthiest Communities, 2022. Available at: <https://www.usnews.com/news/healthiest-communities/new-hampshire/hillsborough-county>
- ^{xiv} Unmet Need Score Map Tool. Health Resources & Services Administration. Available at: <https://data.hrsa.gov/topics/health-centers/sanam>.
- ^{xv} Manchester, NH City Health Data. City Health Dashboard. Available at: <https://www.cityhealthdashboard.com/>.
- ^{xvi} On-time graduation rates, Manchester High School. New Hampshire Department of Education, 2022.
- ^{xvii} Income by location. Data USA, Hillsborough County, NH. Available at: <https://datausa.io/profile/geo/hillsborough-county-nh>



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