

Environmental Public Health Tracking Community Health Outlooks

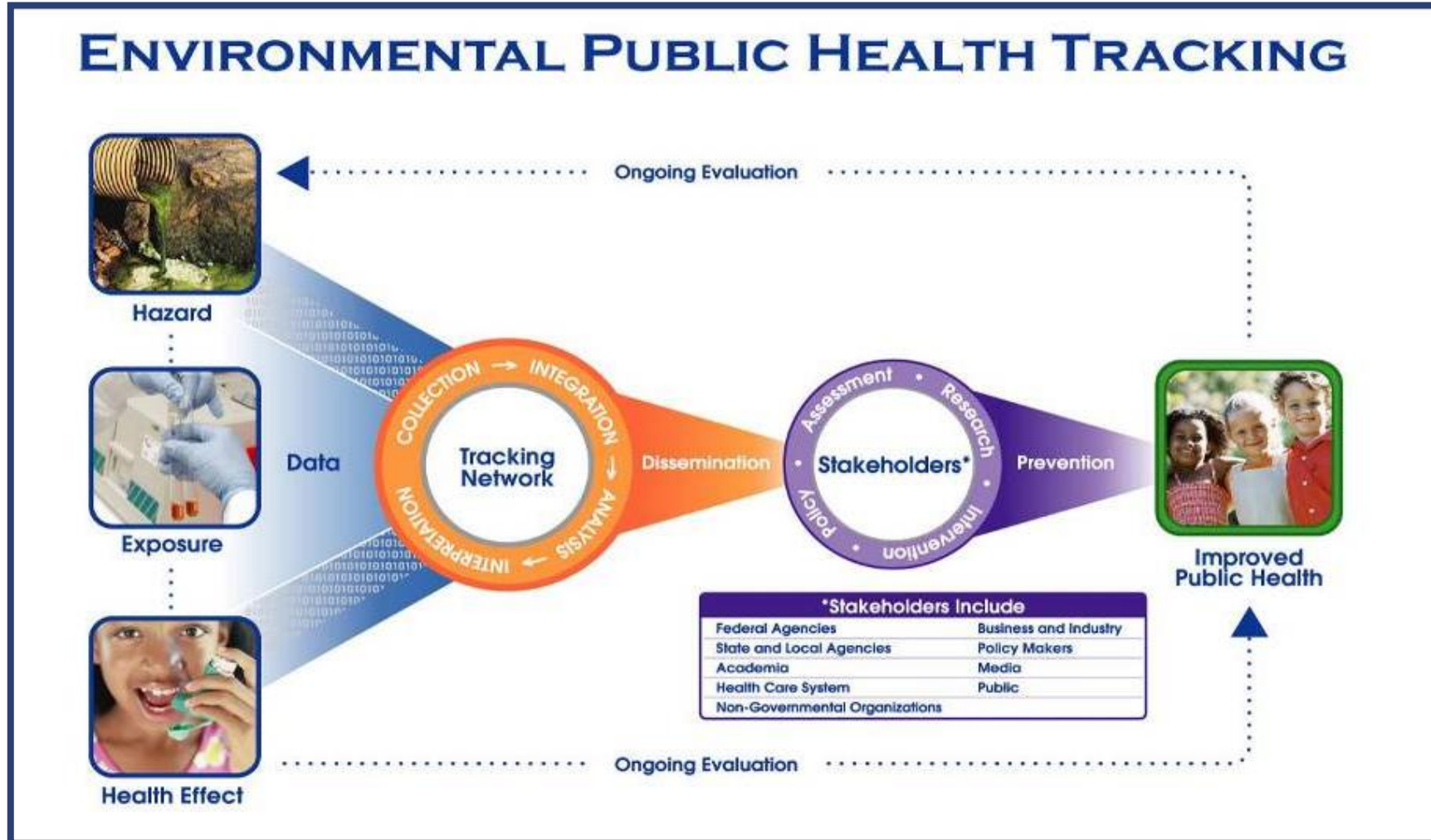
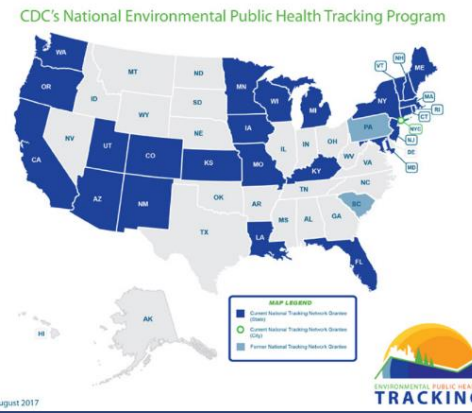
Katie Bush, PhD

NH Environmental Public Health Tracking | DPHS | DHHS

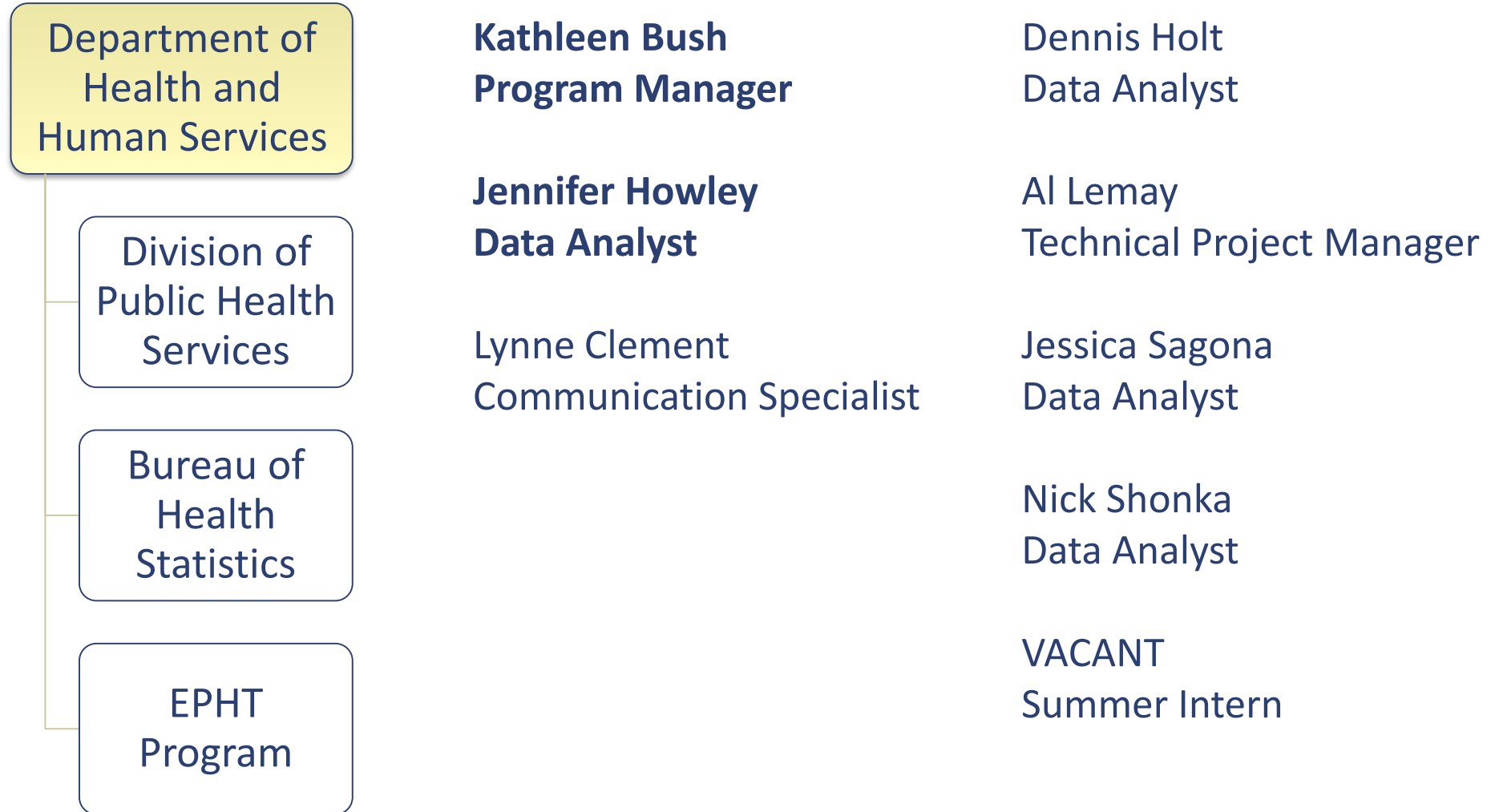
SB85 Commission

October 23, 2019

From Data to Action



EPHT Program Staff



Community Health Outlooks

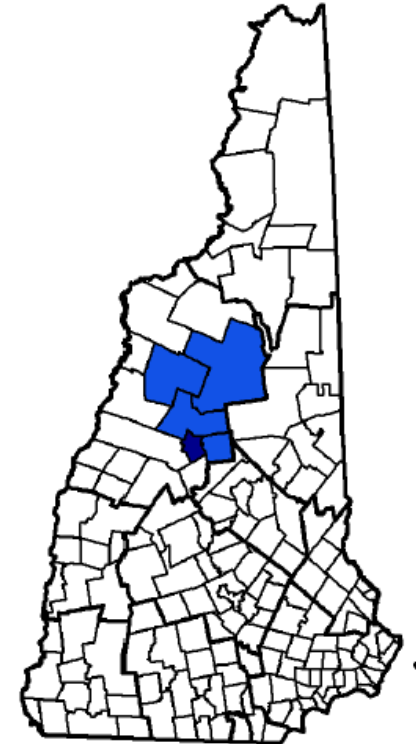
to Support Local
Public Health Action



Community Health Outlook

*Health and Environment in
Plymouth*

Community:
PLYMOUTH
Region:
CENTRAL NH
County:
GRAFTON



Community Towns: PLYMOUTH
Region Towns: ASHLAND, BENTON, CAMPTON, ELLSWORTH, HOLDERNESS, LINCOLN,
LIVERMORE, PLYMOUTH, RUMNEY, THORNTON, WARREN, WATERVILLE VALLEY,
WOODSTOCK

2019

Community Health Outlooks - Purpose

Purpose: to create neighborhood profiles that summarize health statistic data and information at the Community and/or Sub-County Scale.

These data ***summarize current spatial trends*** and ***highlight disparities*** across communities; it can be used by state and local partners to ***drive action.***

Community Health Outlooks - Indicators

Demographics	Health Outcomes	Risk Factors
Age/Sex/Race	Birth Outcomes	Age of Housing
Life Expectancy	Childhood Lead Poisoning	Fruit/vegetable consumption
Education	Diabetes and Obesity	Adult Alcohol and Tobacco and Use
English Proficiency	Asthma/COPD ED visits	Physical activity
Unemployment	Heart Attack Hosp and Deaths	
Poverty/Income	Most Common Cancers	
Disability	Most common ED visits	
No Vehicle	Most common Deaths	
Single Parent Household		
Living Alone, 65+		

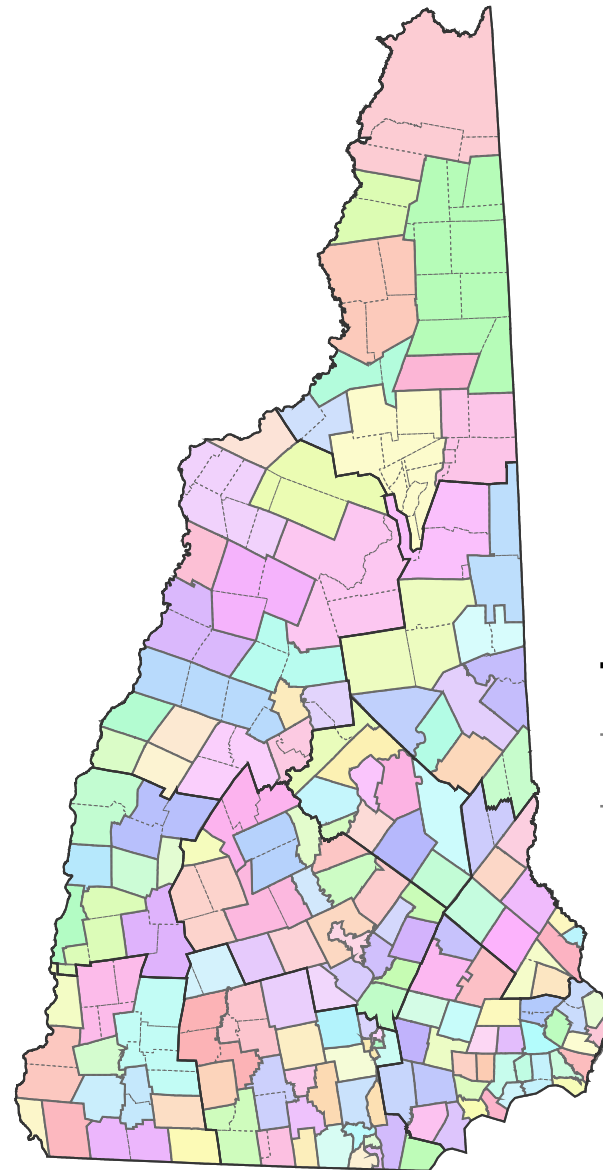
Community Health Outlooks - Communities

Community Level:

- Goal is single town when large enough
- Towns less than 4,000 people grouped together based on socioeconomic and demographic similarities.

Total of 199 Communities

- 100 are single towns
- 50 are aggregations of multiple (156) towns
- 49 are subdivisions of (3) larger cities



- County Boundaries
- Community Aggregations
- - - Town Line Boundaries

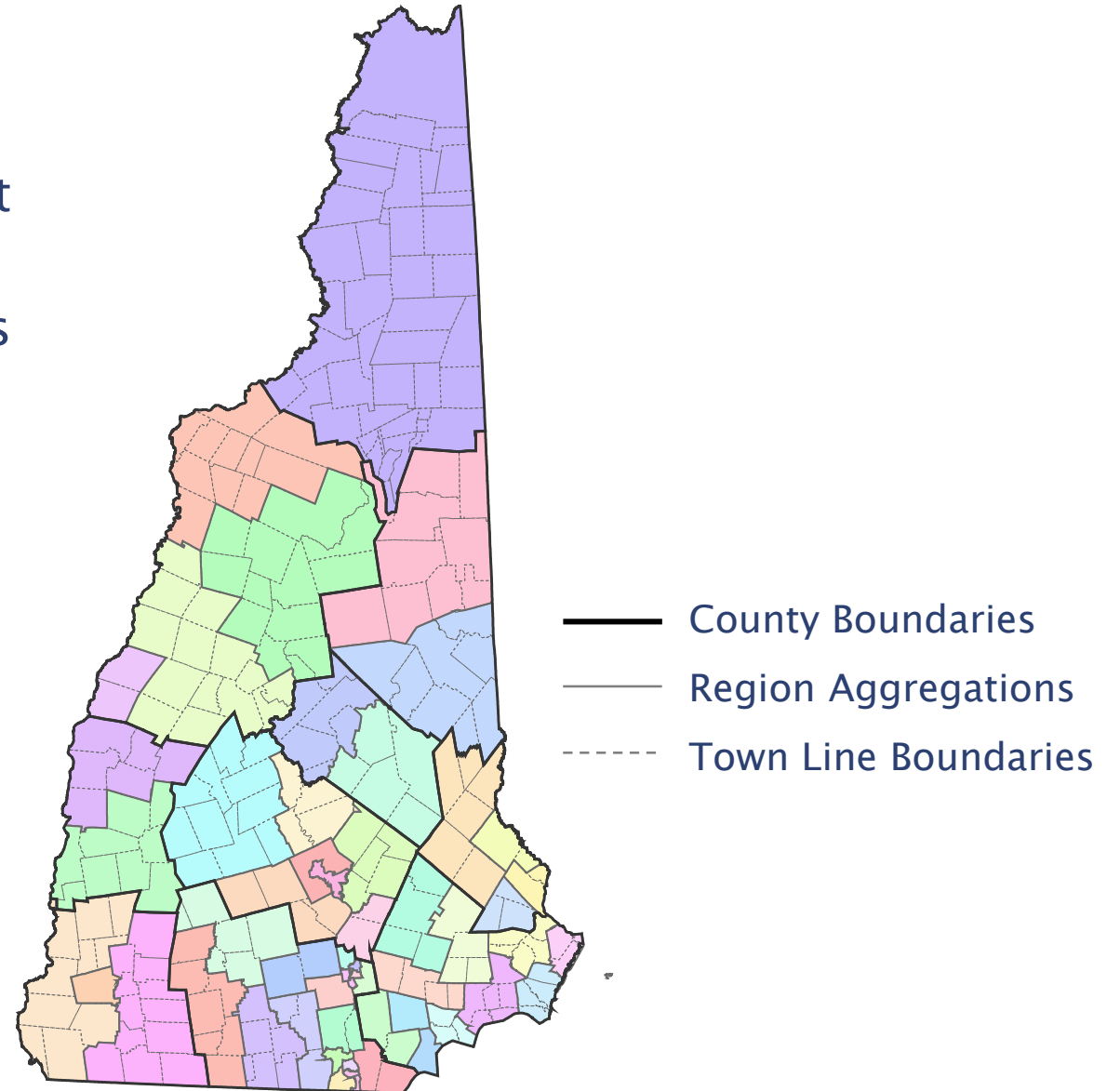
Community Health Outlooks - Regions

Region Level:

- Some health conditions too rare to show at Community Level
- Communities/Towns grouped into Regions for minimum of 20,000 people

Total of 51 Regions

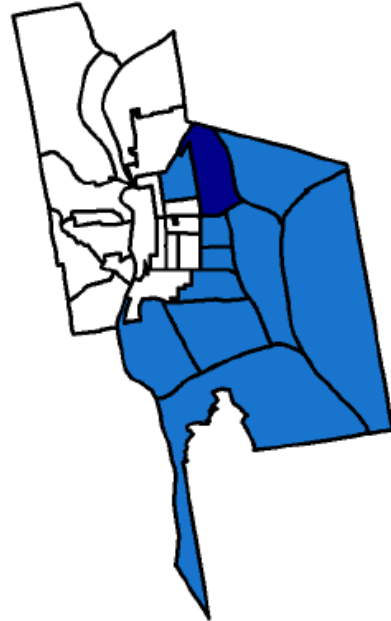
- 38 are aggregations of multiple (252) towns/ (146) communities
- 4 are single towns
- 9 are subdivisions of (3) larger cities



Community Health Outlooks - Comparisons

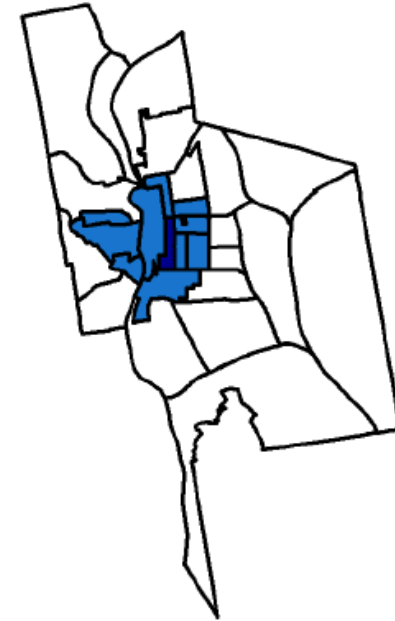
Community Health Outlook *Health and Environment in* Manchester – Tract 000901

Community:
TRACT 000901
Region:
EAST MANCHESTER
City:
CITY OF MANCHESTER



Community Health Outlook *Health and Environment in* Manchester – Tract 001400

Community:
TRACT 001400
Region:
CENTER MANCHESTER
City:
CITY OF MANCHESTER



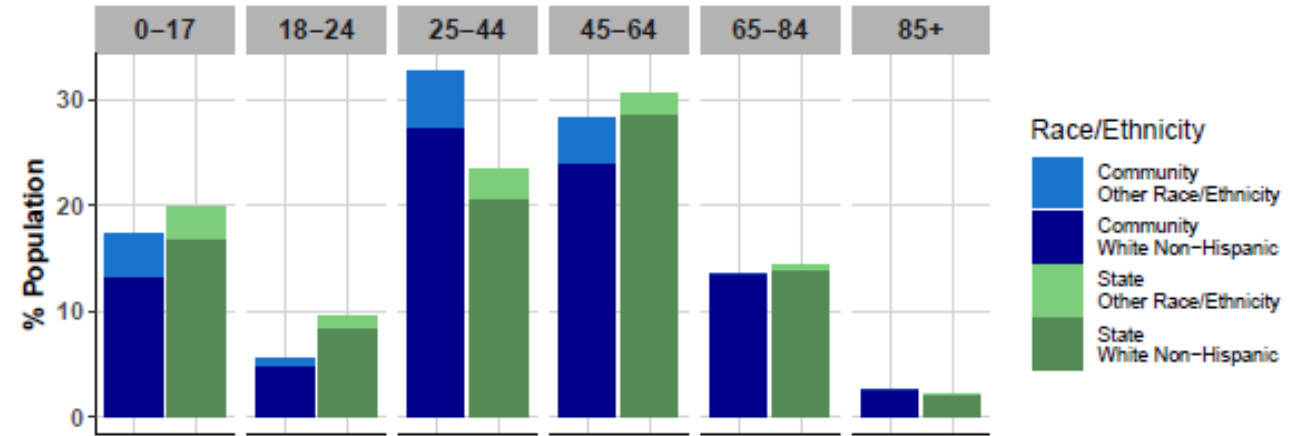
Community Health Outlooks - Comparisons

Community:
TRACT 000901

Region:
EAST MANCHESTER

Age and Race

Age (in years) and race of community compared to the state.
Source: American Community Survey, 2013-2017

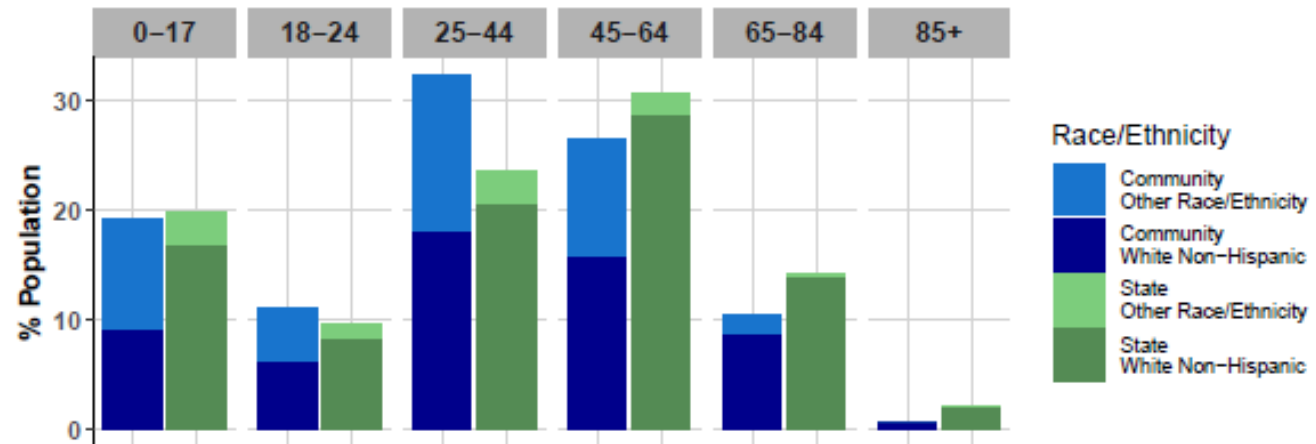


Community:
TRACT 001400

Region:
CENTER MANCHESTER

Age and Race

Age (in years) and race of community compared to the state.
Source: American Community Survey, 2013-2017



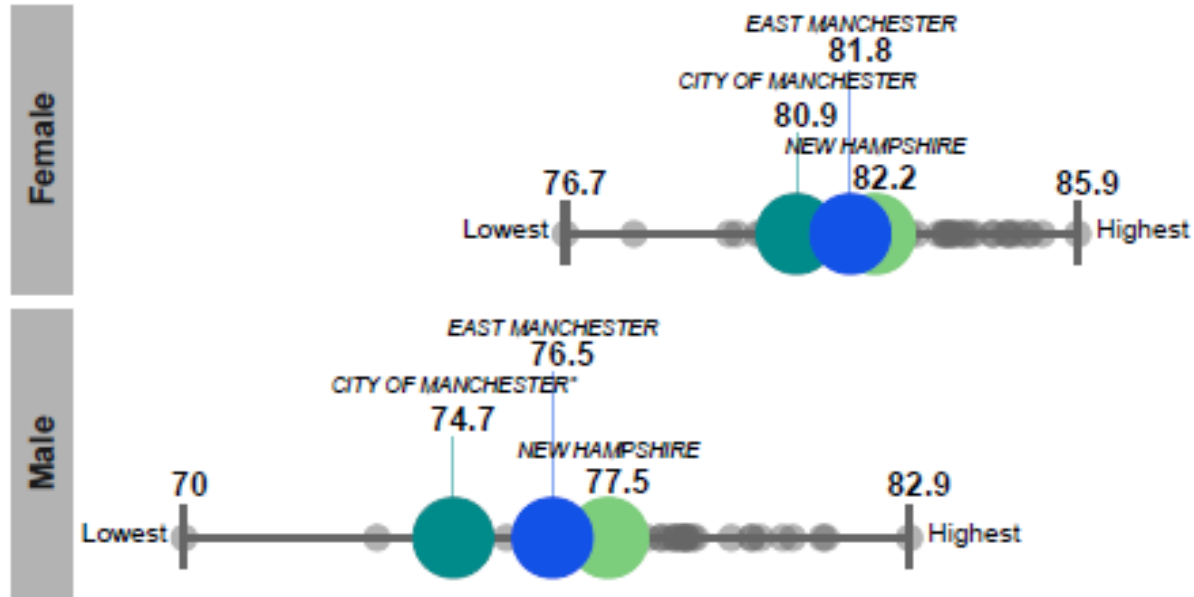
Community Health Outlooks - Comparisons

Community: TRACT 000901
Region: EAST MANCHESTER

Community: TRACT 001400
Region: CENTER MANCHESTER

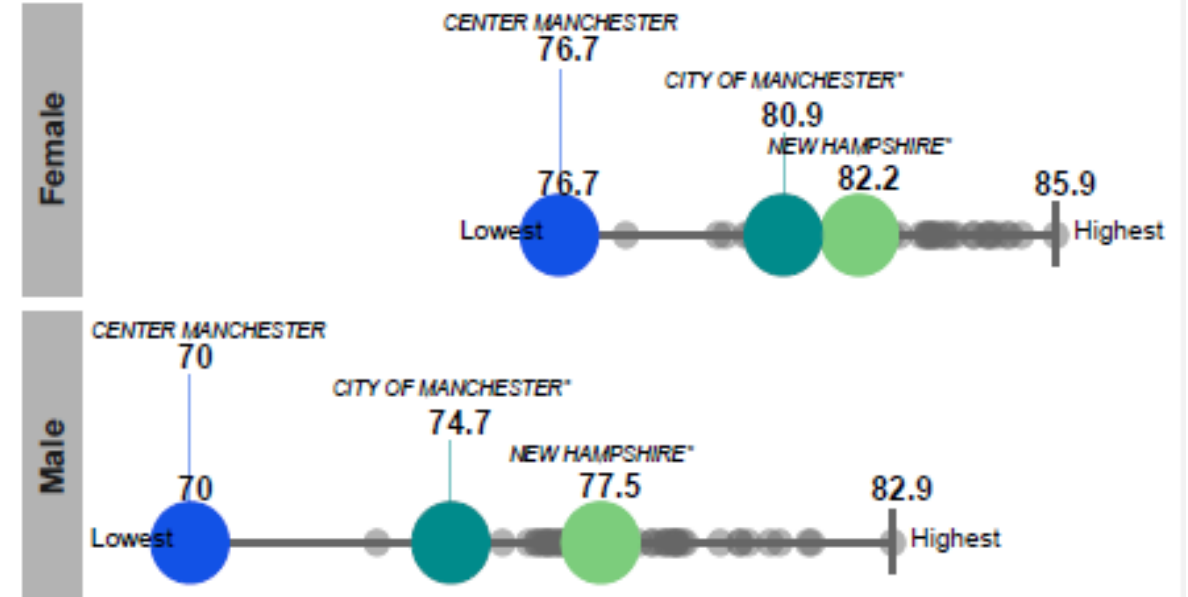
Life Expectancy

Life expectancy of females and males.
Source: NH Death Vital Statistics, 2013-2017



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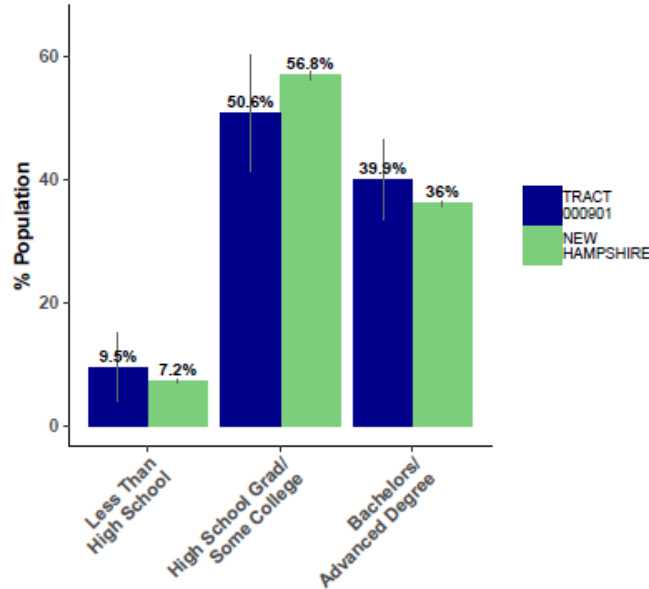


Community Health Outlooks - Comparisons

Community: TRACT 000901
Region: EAST MANCHESTER

Highest Level of Education Attained

Percent of the population over 25 with less than a high school degree, high school degree and/or some college, bachelors or advanced degree.
Source: American Community Survey, 2013-2017



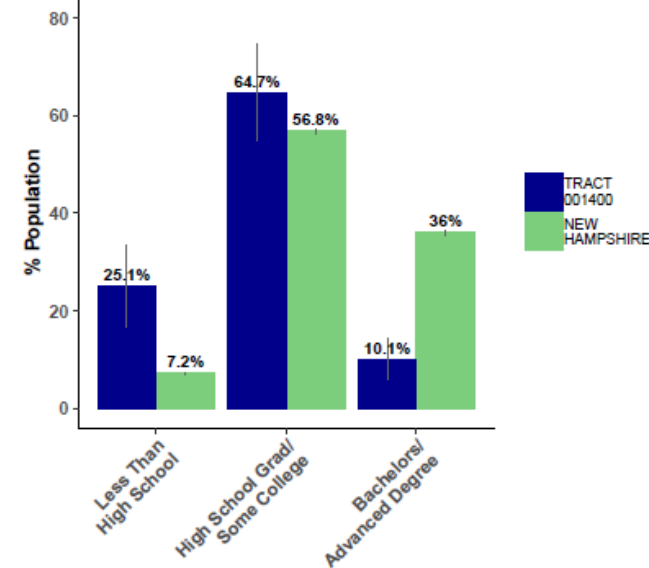
Education and health are strongly linked. Improving educational outcomes for everyone is an important step to achieving health equity.



Community: TRACT 001400
Region: CENTER MANCHESTER

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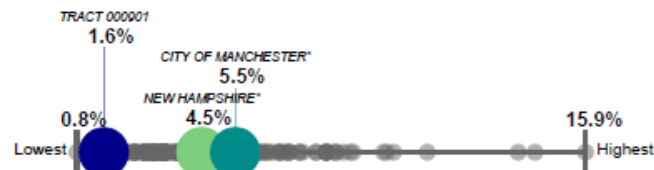
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Unemployment

Unemployed adults are less likely to receive needed medical care and prescription drugs due to cost than those employed with public or private insurance. Unemployed adults often have poorer mental and physical health outcomes than employed adults.

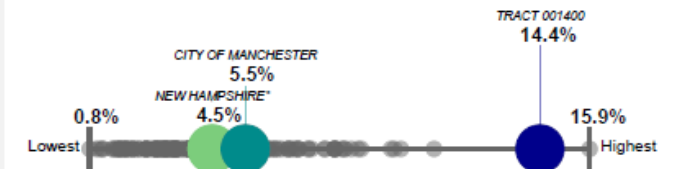
Percent of the population 16 and older that is unemployed and seeking work.
Source: American Community Survey, 2013-2017



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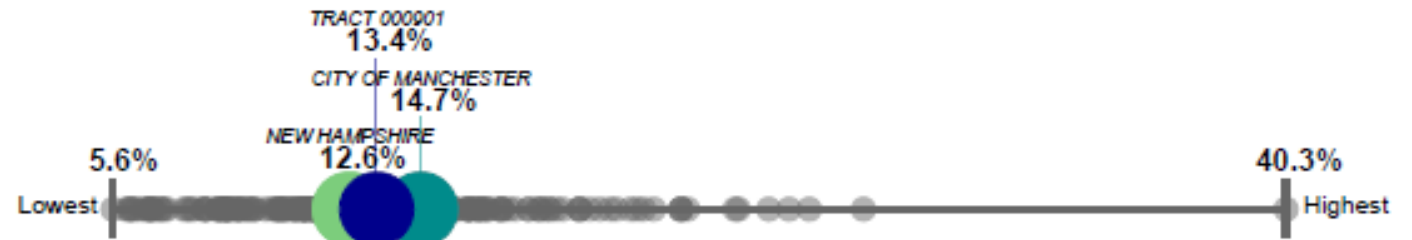


Community Health Outlooks - Comparisons

Community: TRACT 000901
Region: EAST MANCHESTER

Population with Disability

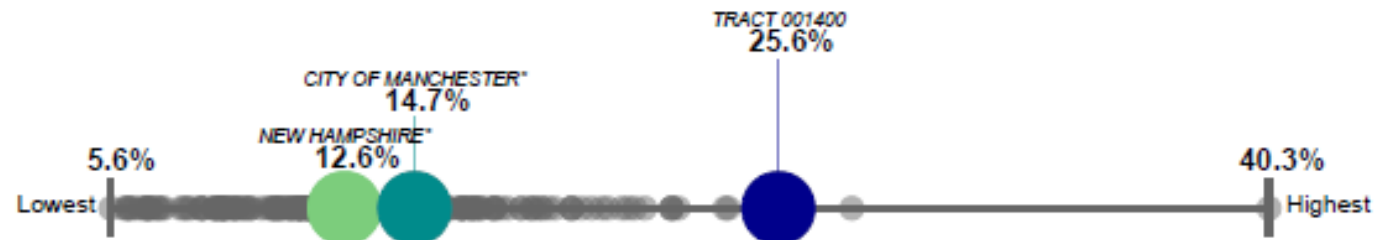
Percent of the population with a disability (defined as hearing, vision, cognition, ambulatory, self-care, or independent living difficulty).
Source: American Community Survey, 2013-2017



Community: TRACT 001400
Region: CENTER MANCHESTER

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Community Health Outlooks - Comparisons

Community: TRACT 000901
Region: EAST MANCHESTER

Households with No Access to a Vehicle

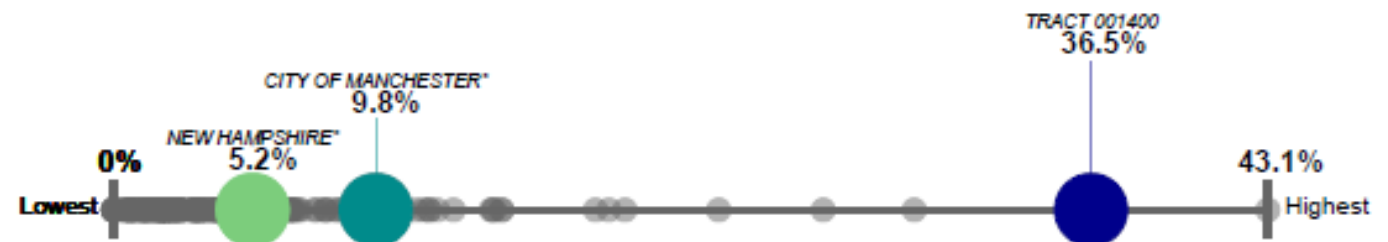
Percent of households with no access to a vehicle.
Source: American Community Survey, 2013-2017



Community: TRACT 001400
Region: CENTER MANCHESTER

Households with No Access to a Vehicle

Percent of households with no access to a vehicle.
Source: American Community Survey, 2013-2017



Community Health Outlooks - Comparisons

Community: TRACT 000901
Region: EAST MANCHESTER

Population with Limited English Proficiency

Percent of the population 5 and older who speak English "less than well."
Source: American Community Survey, 2013-2017



Community: TRACT 001400
Region: CENTER MANCHESTER

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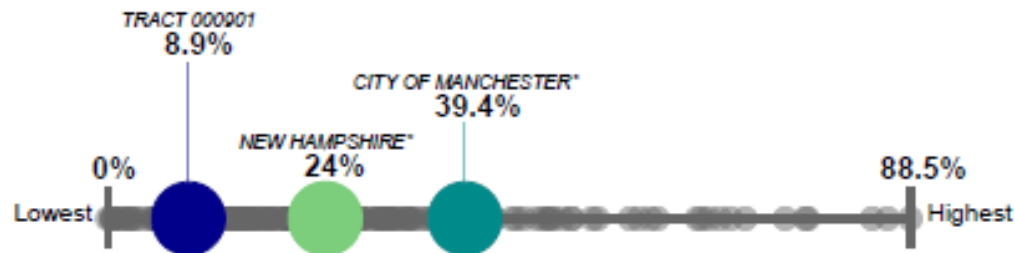
Community Health Outlooks - Comparisons

Community:
TRACT 000901

Region:
EAST MANCHESTER

Pre-1950 Housing

Percent of housing built before 1950, which increases the likelihood that lead paint is present.
Source: American Community Survey, 2013-2017



Childhood Blood Lead Elevations

Childhood blood lead tests and elevations of 5 ug/dL and above. Source: NH Childhood Lead Poisoning Prevention Program Dataset, 2017

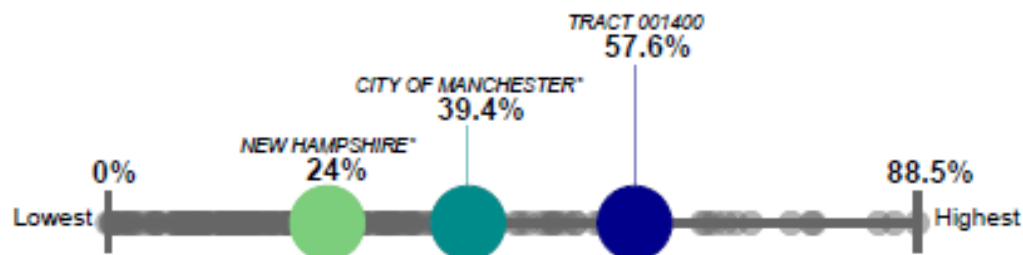
Geography	Population Children Under 6	# Tested Children Under 6	# Elevated Tests Blood Lead 5+ ug/dL
EAST MANCHESTER Region	3,514	880	10
CITY OF MANCHESTER City	7,689	2,206	105
NEW HAMPSHIRE State	77,585	17,583	652

Community:
TRACT 001400

Region:
CENTER MANCHESTER

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NEW HAMPSHIRE State	77,585	17,583	652

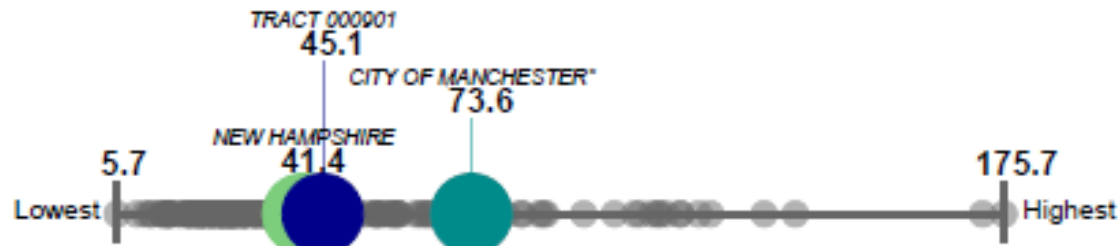
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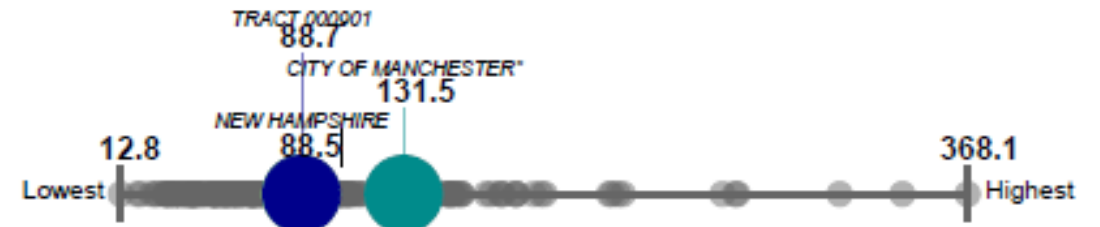
Asthma ED Visits

Rate of asthma-related ED visits per 10,000 people.
Source: NH Hospital Discharge Dataset, 2012-2015



COPD ED Visits

Rate of chronic obstructive pulmonary disease (COPD)-related ED visits among adults 25 and over per 10,000 people.
Source: NH Hospital Discharge Dataset, 2012-2015

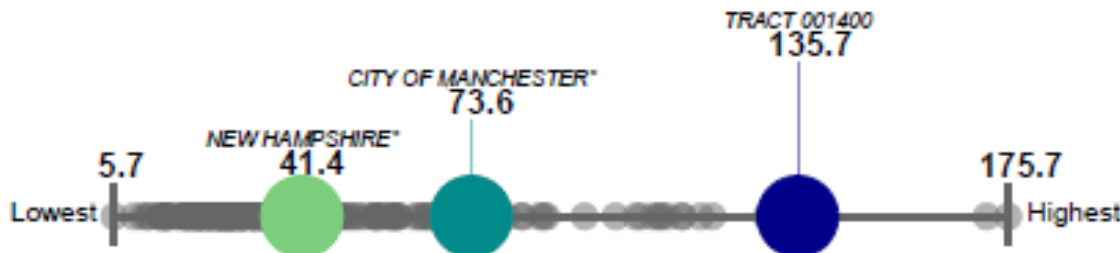


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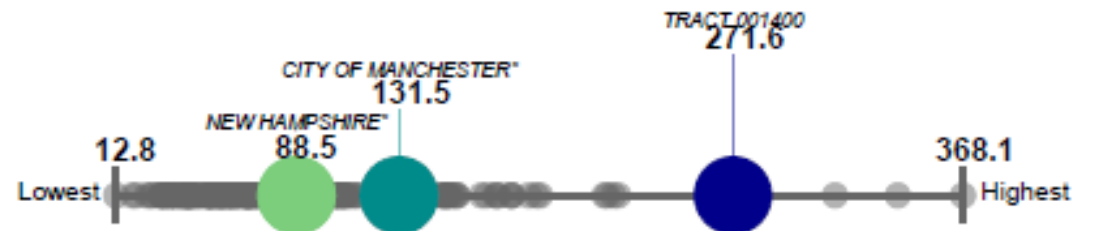
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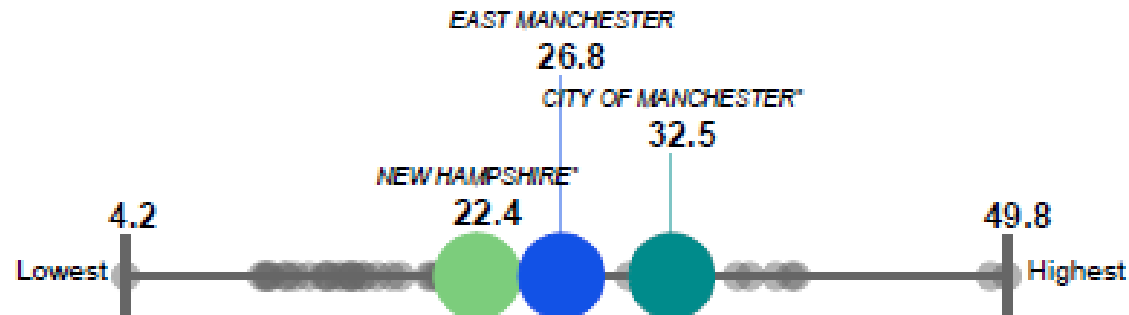
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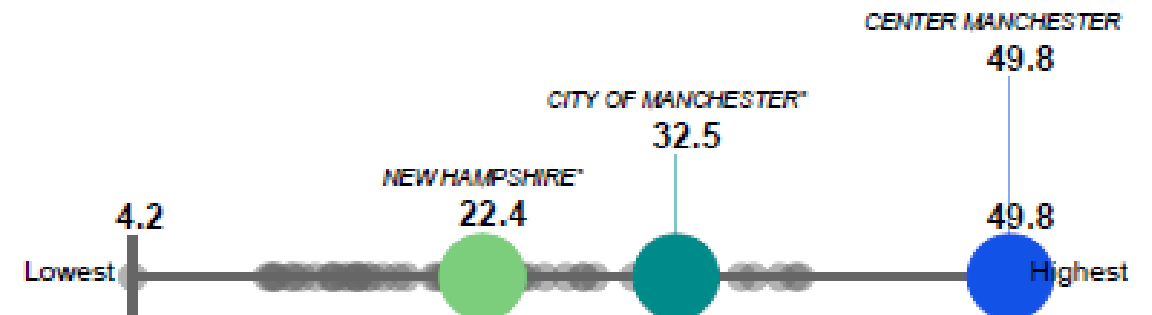
Diabetes ED Visits

Rate of diabetes-related ED visits per 10,000 people.
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Rate of diabetes-related ED visits per 10,000 people.
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Community Health Outlooks – Access Reports






Community Health Outlooks available online:

- Through NH WISDOM Data Portal wisdom.dhhs.nh.gov
- Through EPHT Website nh.gov/epht

The screenshot displays the NH Health WISDOM website interface. At the top, there is a navigation bar with the NH Health WISDOM logo, a search bar, and social media icons. Below the navigation bar, the main heading reads "Environmental Public Health Tracking" with the tagline "Making the Connection between Health and Environment". A secondary navigation bar includes "News" and "About Us" tabs. The "News" tab is active, showing a featured article titled "Introducing Community Health Outlooks" with a small image of a covered bridge. Below this, a grid of 12 tracking categories is presented, each with a representative image and a title: Tracking Air Quality, Tracking Childhood Lead Poisoning, Tracking Heart Disease, Tracking Asthma and COPD, Tracking Climate Change, Tracking Life Expectancy, Tracking Birth Conditions and Outcomes, Tracking CO Poisoning, Tracking Radon, Tracking Cancer, Tracking Drinking Water, and Tracking Tickborne Disease. At the bottom, there is a section for "Environmental Public Health Tracking Related Links" with links to the National Environmental Public Health Tracking Network, Centers for Disease Control and Prevention, and Social Vulnerability Index. The CDC's National Environmental Public Health Tracking logo is also visible in the bottom right corner.

Community Health Outlooks – Access Reports

Access your community reports through the map

NH Health **WISDOM** Search Search A A A  User    

Home NH Environmental Public Health Tracking Program Community Health Outlooks


Community Health Outlooks Add Data Save/Share

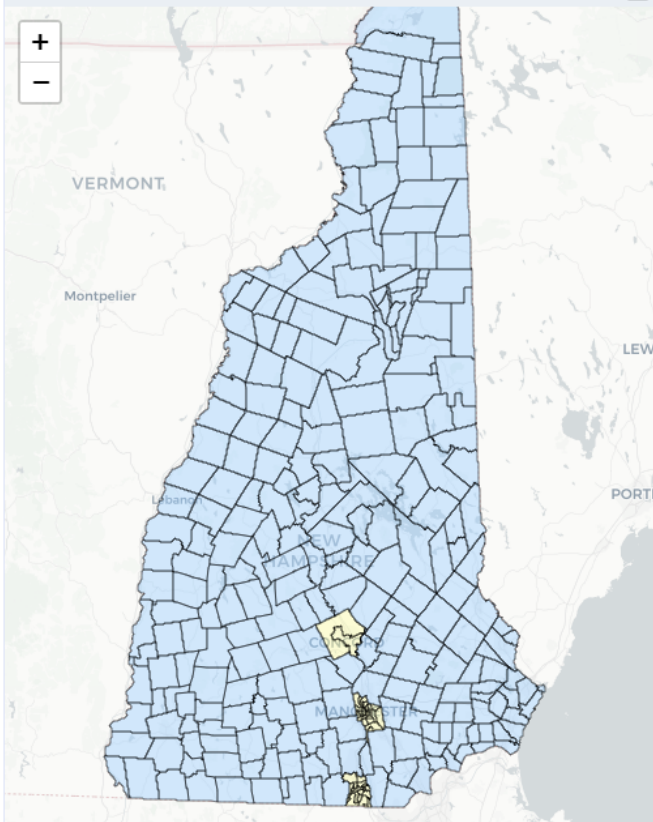
The Community Health Outlooks allow us to explore trends in risks, behaviors, and health outcomes by community. Understanding how both risk factors and health outcomes vary across the state can help identify high-risk areas and populations.

To access a report, click on the town on the map below. Note: Some towns may be combined where the population is too small to support reliable health outcome estimates.

Concord, Manchester and Nashua are the three largest cities in NH. Concord is divided into two communities. Manchester and Nashua are presented at the census tract level. Please zoom in on the map to view census tract borders and street-level detail.

[...show more](#) [...show less](#)

Outcome 



VERMONT
Montpelier
LEW
PORT

LIBANON
CONCORD
MANCHESTER

Community Health Outlooks – Access Reports

Access your community reports through the map:

- Zoom to your town
- Click on the town to get a PDF of your report

The screenshot shows the 'Community Health Outlooks' web application. At the top, there is a navigation bar with 'Home' and 'Community Health Outlooks' tabs. Below the navigation bar, the title 'Community Health Outlooks' is displayed, followed by 'Add Data' and 'Save/Share' buttons. The main content area contains three paragraphs of text explaining the tool's purpose and how to use it. The first paragraph states that the tool allows users to explore trends in risks, behaviors, and health outcomes by community. The second paragraph explains that users can click on a town on the map to access a report, noting that some towns may be combined. The third paragraph lists Concord, Manchester, and Nashua as the three largest cities in NH and provides instructions on how to view census tract borders and street-level detail. Below the text, there is a call to action to email EPHInformation@dhhs.nh.gov for questions. The bottom portion of the screenshot shows a map of New Hampshire with a pop-up box for PLYMOUTH that says 'PLYMOUTH has its own report. Click here to access the report.'

Home Community Health Outlooks

Community Health Outlooks Add Data Save/Share

The Community Health Outlooks allow us to explore trends in risks, behaviors, and health outcomes by community. Understanding how both risk factors and health outcomes vary across the state can help identify high-risk areas and populations.

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If you have questions about how to use the data and information included in these reports, let us know by sending an email to EPHInformation@dhfs.nh.gov.

...show more ...show less

Outcome

PLYMOUTH has its own report. [Click here](#) to access the report.

Community Health Outlooks – Summaries

Indicator	Comm. w/ Lowest %	Lowest %	Comm. w/ Highest %	Highest %
Population 0-17yo	PETERBOROUGH	15.8	NEW IPSWICH-TEMPLE-SHARON	24.5
Population 85+yo	NEW IPSWICH-TEMPLE-SHARON	1	PETERBOROUGH	5.6
Non-White and/or Hispanic Population	WALPOLE	1.6	KEENE	8.8
No High School Diploma	CHESTERFIELD-WESTMORELAND	2.9	WINCHESTER	12.1
HS Diploma or Some College	PETERBOROUGH	39.1	HINSDALE	75.6
Bachelors Degree or Higher	HINSDALE	14.4	PETERBOROUGH	57.6
Children at Less Than 100% Fed. Poverty Level	DEERING-FRANCESTOWN-BENNINGTON	3.8	SWANZEY	31.2
Children at Less Than 200% Fed. Poverty Level	CHESTERFIELD-WESTMORELAND	10	JAFFREY	43.7
Adults at Less Than 100% Fed. Poverty Level	NEW IPSWICH-TEMPLE-SHARON	3.4	KEENE	13.7
Adults at Less Than 200% Fed. Poverty Level	WALPOLE	12.2	WINCHESTER	30.4
Spend More Than 30% Income on Rent/Mortgage	NEW IPSWICH-TEMPLE-SHARON	21.4	WINCHESTER	43.3
Children No Health Insurance	3 Communities	0	CHESTERFIELD-WESTMORELAND	8
Children on Public Health Insurance	CHESTERFIELD-WESTMORELAND	4.6	WINCHESTER	62.1
Adults No Health Insurance	CHESTERFIELD-WESTMORELAND	4.1	WINCHESTER	22.9
Adults on Public Health Insurance	PETERBOROUGH	7.2	WINCHESTER	21.4
Unemployed Population over 16	MARLBOROUGH-TROY	1.7	WINCHESTER	8.5
Children with Single Parents	CHESTERFIELD-WESTMORELAND	8.4	SWANZEY	46.5
Population with Disability	NEW IPSWICH-TEMPLE-SHARON	8.3	JAFFREY	19.4
Population with Limited English	8 Communities	0	KEENE	0.6
No Access to Vehicle	DEERING-FRANCESTOWN-BENNINGTON	1.2	KEENE	10.4
Adults Over 65 Living Alone	CHESTERFIELD-WESTMORELAND	9.2	KEENE	40.8
Pre-1950 Housing Units	NEW IPSWICH-TEMPLE-SHARON	23.3	WALPOLE	48.7



Community Health Outlooks available online:

www.nh.gov/epht
wisdom.dhhs.nh.gov



Community Health Outlooks – Summaries

Geography Type	Indicator	Measure	Geography w/ Lowest Value	Lowest Value	Geography w/ Highest Value	Highest Value
REGION	Life Expectancy - Female	Years	KEENE	81.3	EAST CHESHIRE	83.6
REGION	Life Expectancy - Male	Years	MILFORD-WEST	76.5	NW HILLSBOROUGH	78.6
REGION	Preterm Births (<37 Gest. Age)	Percent Births	EAST CHESHIRE	6.8	KEENE	10.9
REGION	Low Birth Weight (<2,500g)	Percent Term Births	WEST HILLSBOROUGH	1.2	NW HILLSBOROUGH	3.1
COMMUNITY	Asthma ED Visits	Rate per 10k	NORTH CENTRAL CHESHIRE	20.2	MARLBOROUGH-TROY	58.5
REGION	Asthma ED Visits	Rate per 10k	WEST HILLSBOROUGH	25.6	KEENE	36
COMMUNITY	COPD ED Visits	Rate per 10k	WALPOLE	31.6	WINCHESTER	101.8
REGION	COPD ED Visits	Rate per 10k	EAST CHESHIRE	54.1	KEENE	68
REGION	Diabetes ED Visits	Rate per 10k	WEST HILLSBOROUGH	15.5	KEENE	24.3
COMMUNITY	Heart Attack Hospitalization	Rate per 10k	NE CHESHIRE	12.7	GREENVILLE-MASON	39.2
REGION	Heart Attack Hospitalization	Rate per 10k	NW HILLSBOROUGH	20.1	WEST HILLSBOROUGH	26.6
REGION	Heart Attack Mortality	Rate per 100k	MILFORD-WEST	37.4	KEENE	80.9
REGION	1-2yo Tested for Lead	Percent	NW HILLSBOROUGH	49.2	KEENE	84.8
REGION	0-5yo Children Tested 2013-2017	Total Tests	NW HILLSBOROUGH	982	WEST CHESHIRE	2165
REGION	0-5yo Blood Lead Elevations 2013-2017	Tests 5+ug/dL	KEENE	64	WEST CHESHIRE	111



Community Health Outlooks available online:

www.nh.gov/epht
wisdom.dhhs.nh.gov



Questions for Discussion

- Are data at the Town/Community scale valuable?
- What topics/indicators are most relevant?
- What topics/indicators are missing?
- How might you use the data presented in the CHOs?
- Do you have any additional feedback on the Reports?

Thank you.

Questions? Comments? Feedback?

Katie Bush, PhD
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NH DHHS DPHS
Phone: 603-271-1106
Email: kathleen.bush@dhhs.nh.gov