

# Description of General Health Status and Population Demographics

**2023 New York State Health Assessment**

**Prepared for the Prevention Agenda Ad Hoc Committee  
February 22<sup>nd</sup>, 2024**

# Summary findings

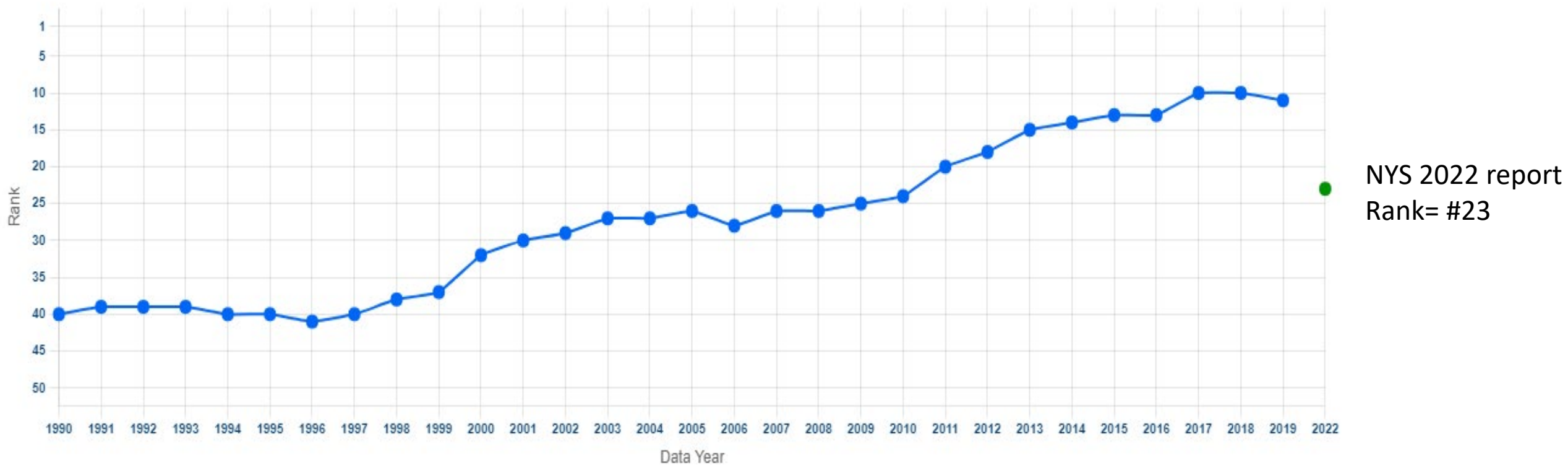
# Summary findings

- **America's Health rankings saw New York consistently improving until the 2022 report, as new focuses on social determinants of health and the built environment lowered New York's rank from 11<sup>th</sup> in 2019 to 23<sup>rd</sup> as of 2022, as did higher mortality (COVID-19)**
- **COVID-19 and the opioid crisis were major issues that contributed to declining life expectancy**
- **Chronic disease continues to be a major burden including cancers and asthma**
- **We are making good progress in some maternal and infant health indicators including teen pregnancy and breastfeeding but more work to be done to address disparities**
- **We are on the path to end AIDS but have challenges reducing STIs**

# Summary findings, continued

- **Testing homes for lead and radon continue to be a key Prevention Agenda outcome but we have seen declines in homes tested for lead hazards**
- **Obesity, smoking, and physical activity continue to be public health risk factors impacting New Yorkers**
- **The NYS population is aging and becoming more diverse**
- **There are significant disparities in many outcomes and social determinants of health across racial and ethnic categories, education, and income levels**
- **Access to healthcare has improved but many New Yorkers still have access issues**
- **Social associations, disconnected youths, and single parent households are complex issues potentially contributing to poor mental and physical health**

# New York State overall ranking, America's Health Rankings, 1990-2022.



# New York

Overall Rank:

**23**

State Health Department Website: [health.ny.gov](http://health.ny.gov)

## Summary

### Strengths:

- Low prevalence of frequent mental distress
- Low prevalence of multiple chronic conditions
- Low uninsured rate

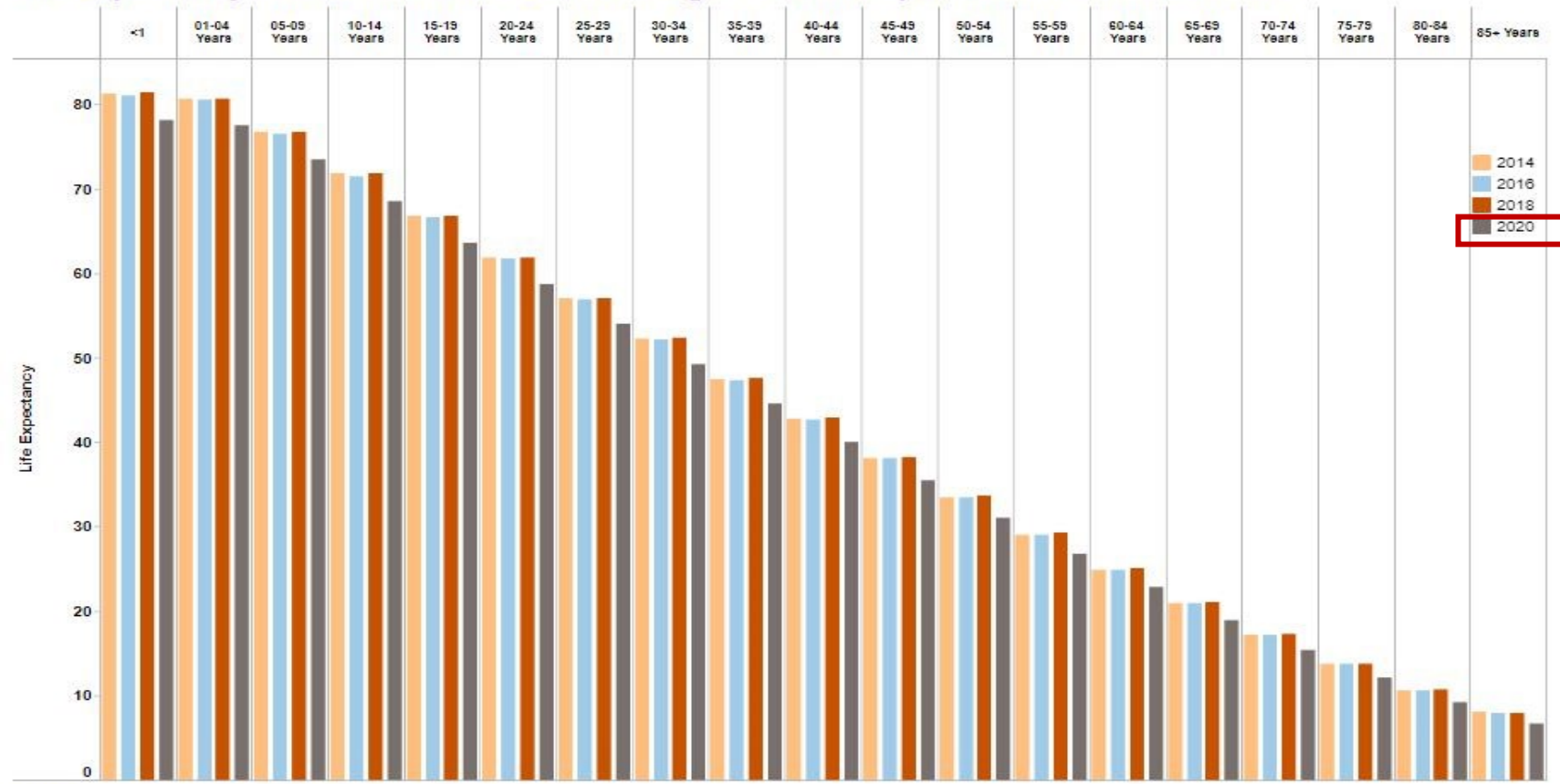
### Challenges:

- High income inequality
- High Black/white residential segregation
- High percentage of households experiencing severe housing problems

Measures	Rating	State Rank	State Value	U.S. Value
<b>SOCIAL &amp; ECONOMIC FACTORS*</b>				
	<b>+</b>	<b>43</b>	<b>-0.384</b>	
<b>Community and Family Safety</b>				
Occupational Fatalities (deaths per 100,000 workers)	+++++	1	2.7	3.9
Public Health Funding (dollars per person)	+++++	6	\$193	\$116
Violent Crime (offenses per 100,000 population)	+++	25	364	399
<b>Economic Resources</b>				
Economic Hardship Index (index from 1-100)	++	38	74	—
Food Insecurity (% of households)	+++	28	10.3%	10.4%
Income Inequality (80/20 ratio)	+	50	5.82	4.96
<b>Education</b>				
Fourth Grade Reading Proficiency (% of public school students)	++	39	29.6%	32.1%
High School Graduation (% of students)	++	37	82.8%	85.8%
High School Graduation Racial Disparity (percentage point difference)**	+	41	20.2	15.1
<b>Social Support and Engagement</b>				
Adverse Childhood Experiences (% ages 0-17)	+++++	1	9.8%	14.0%
High-speed Internet (% of households)	+++	27	92.2%	92.4%
Residential Segregation — Black/White (index from 0-100)	+	47	78	—
Volunteerism (% ages 16+)	+	50	25.0%	33.4%
Voter Participation (% of U.S. citizens ages 18+)	++	37	57.1%	60.1%
<b>PHYSICAL ENVIRONMENT*</b>				
	<b>++</b>	<b>31</b>	<b>-0.090</b>	
<b>Air and Water Quality</b>				
Air Pollution (micrograms of fine particles per cubic meter)	++++	11	6.5	7.8
Drinking Water Violations (% of community water systems)	++++	14	0.1%	0.8%
Risk-screening Environmental Indicator Score (unitless score)	++++	20	2,164,819	—
Water Fluoridation (% of population served)	++	31	71.5%	73.0%
<b>Housing and Transit</b>				
Drive Alone to Work (% of workers ages 16+)	+++++	1	49.2%	67.8%
Housing With Lead Risk (% of housing stock)	+	50	32.5%	16.9%
Severe Housing Problems (% of occupied housing units)	+	48	22.9%	17.0%
<b>CLINICAL CARE*</b>				
	<b>++++</b>	<b>16</b>	<b>0.430</b>	
<b>Access to Care</b>				
Avoided Care Due to Cost (% ages 18+)	++++	18	8.0%	8.8%

# **Life expectancy and leading causes of death**

## Life Expectancy in New York State Based on Age for Total Population for Selected Years



Life Tables in New York State - Total Population

	<1	01-04 Years	05-09 Years	10-14 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50-54 Years	55-59 Years	60-64 Years	65-69 Years	70-74 Years	75-79 Years	80-84 Years	85+ Years
2011	80.9	80.3	76.4	71.4	66.5	61.6	56.8	52.0	47.2	42.4	37.7	33.2	28.8	24.6	20.6	16.8	13.4	10.3	7.8
2012	81.1	80.5	76.6	71.6	66.6	61.8	56.9	52.1	47.3	42.6	37.9	33.3	28.9	24.8	20.7	17.0	13.5	10.4	7.9
2013	81.6	80.9	77.0	72.0	67.1	62.2	57.4	52.5	47.7	43.0	38.3	33.7	29.3	25.1	21.0	17.2	13.7	10.7	8.1
2014	81.3	80.7	76.8	71.8	66.8	61.9	57.1	52.3	47.5	42.8	38.1	33.5	29.1	24.9	20.9	17.2	13.7	10.6	8.1
2015	81.1	80.5	76.5	71.5	66.6	61.7	56.9	52.1	47.3	42.6	37.9	33.3	29.0	24.7	20.7	16.9	13.4	10.3	7.7
2016	81.1	80.5	76.5	71.5	66.6	61.7	56.9	52.2	47.4	42.7	38.1	33.5	29.1	24.9	20.9	17.2	13.7	10.6	8.0
2017	81.4	80.7	76.8	71.9	66.9	62.0	57.2	52.4	47.7	43.0	38.3	33.8	29.4	25.2	21.2	17.4	13.9	10.8	8.2
2018	81.4	80.7	76.8	71.8	66.8	61.9	57.1	52.4	47.6	42.9	38.2	33.7	29.3	25.1	21.1	17.3	13.8	10.7	8.0
2019	81.5	80.9	76.9	72.0	67.0	62.1	57.3	52.6	47.8	43.1	38.5	33.9	29.5	25.3	21.4	17.6	14.0	10.9	8.3
2020	78.2	77.5	73.5	68.6	63.6	58.7	54.0	49.2	44.6	40.0	35.5	31.0	26.8	22.8	19.0	15.4	12.1	9.2	6.7

Life expectancy is expectation of life at the beginning age of the age interval

Source: New York State Department of Health Vital Statistics Tables. Table 3, New York State Life Tables by Sex, as of August 2022

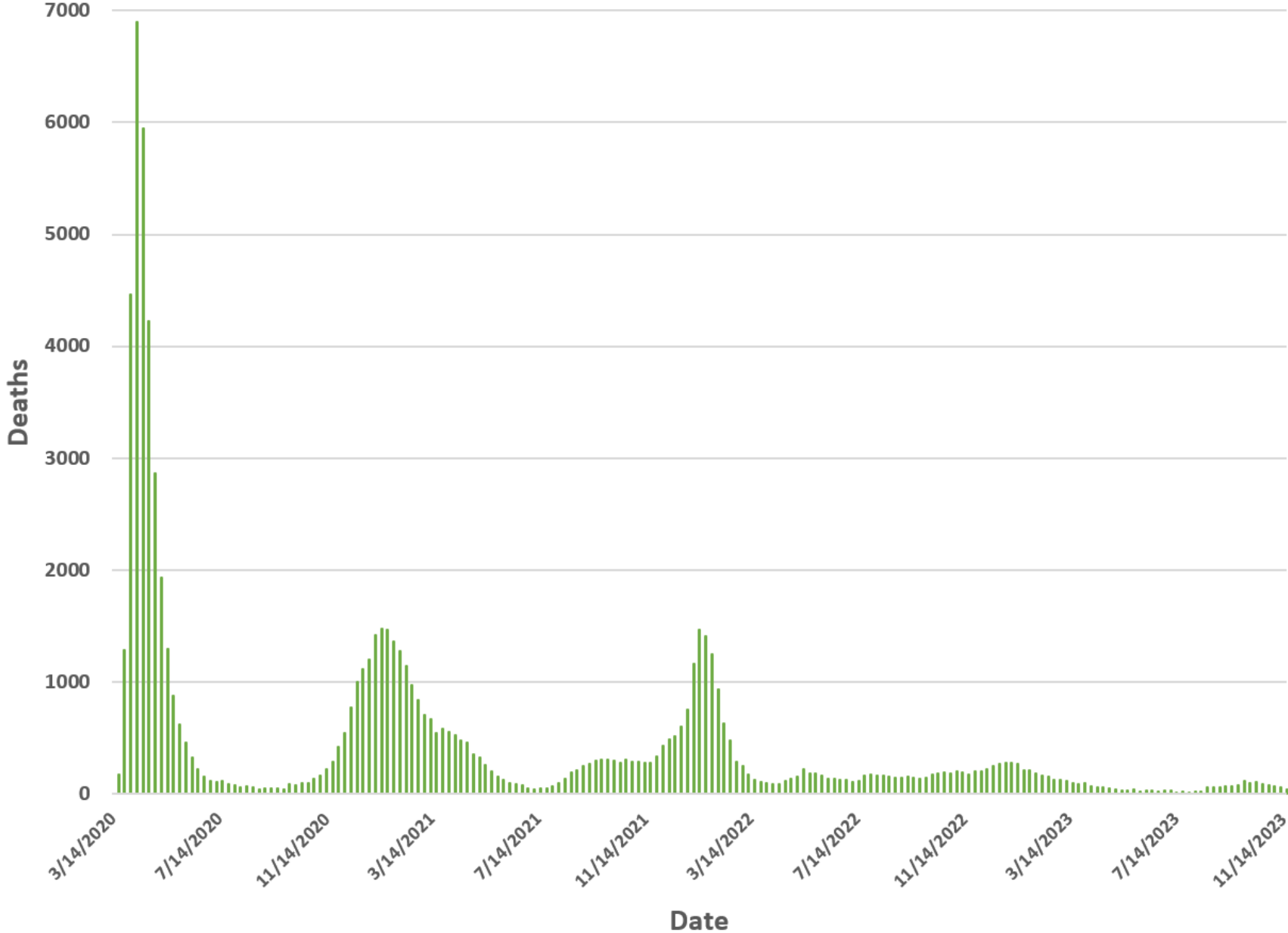


# Leading causes of death, New York State, 2012-2020

	Number of deaths and age-adjusted death rate							
	Total Deaths	#1 Cause of Death	#2 Cause of Death	#3 Cause of Death	#4 Cause of Death	#5 Cause of Death	#6 Cause of Death	#7 Cause of Death
2020	Total Deaths 203,393 811.4 per 100,000	Heart Disease 48,301 186.6 per 100,000	COVID-19 36,337 144.4 per 100,000	Cancer 32,782 131.1 per 100,000	Unintentional Injury 8,637 40.7 per 100,000	CLRD 6,566 25.8 per 100,000	Cerebrovascular Disease 6,433 25.1 per 100,000	Diabetes 5,387 21.6 per 100,000
2019	Total Deaths 156,405 622.4 per 100,000	Heart Disease 43,472 167.1 per 100,000	Cancer 33,418 133.6 per 100,000	Unintentional Injury 7,308 33.8 per 100,000	CLRD 7,065 27.7 per 100,000	Cerebrovascular Disease 6,125 23.9 per 100,000	Diabetes 4,534 18.1 per 100,000	Pneumonia and Influenza 4,241 16.5 per 100,000
2018	Total Deaths 157,176 625.1 per 100,000	Heart Disease 44,182 170.1 per 100,000	Cancer 34,206 136.7 per 100,000	Unintentional Injury 7,323 33.8 per 100,000	CLRD 7,226 28.3 per 100,000	Cerebrovascular Disease 6,183 24.1 per 100,000	Pneumonia and Influenza 4,696 18.2 per 100,000	Diabetes 4,493 18.0 per 100,000
2017	Total Deaths 155,191 626.6 per 100,000	Heart Disease 43,823 171.0 per 100,000	Cancer 34,648 140.7 per 100,000	Unintentional Injury 7,617 35.6 per 100,000	CLRD 7,220 28.8 per 100,000	Cerebrovascular Disease 6,183 24.4 per 100,000	Pneumonia and Influenza 4,436 17.4 per 100,000	Diabetes 4,148 16.8 per 100,000
2016	Total Deaths 153,684 630.1 per 100,000	Heart Disease 43,869 174.3 per 100,000	Cancer 35,170 145.2 per 100,000	Unintentional Injury 7,334 34.3 per 100,000	CLRD 6,808 27.8 per 100,000	Cerebrovascular Disease 6,197 24.9 per 100,000	Pneumonia and Influenza 4,447 17.7 per 100,000	Diabetes 4,006 16.6 per 100,000
2015	Total Deaths 153,623 637.8 per 100,000	Heart Disease 44,141 178.1 per 100,000	Cancer 34,795 146.0 per 100,000	CLRD 7,066 29.3 per 100,000	Unintentional Injury 6,372 29.6 per 100,000	Cerebrovascular Disease 6,216 25.4 per 100,000	Pneumonia and Influenza 4,818 19.5 per 100,000	Diabetes 4,003 16.8 per 100,000
2014	Total Deaths 149,086 628.7 per 100,000	Heart Disease 42,836 175.7 per 100,000	Cancer 35,084 149.6 per 100,000	CLRD 6,738 28.5 per 100,000	Cerebrovascular Disease 6,132 25.6 per 100,000	Unintentional Injury 5,820 27.1 per 100,000	Pneumonia and Influenza 4,625 19.0 per 100,000	Diabetes 4,043 17.2 per 100,000
2013	Total Deaths 147,445 632.4 per 100,000	Heart Disease 43,119 180.3 per 100,000	Cancer 35,078 152.5 per 100,000	CLRD 6,977 30.0 per 100,000	Cerebrovascular Disease 5,961 25.2 per 100,000	Unintentional Injury 5,553 26.0 per 100,000	Pneumonia and Influenza 4,844 20.3 per 100,000	Diabetes 4,035 17.5 per 100,000
2012	Total Deaths 147,390 642.6 per 100,000	Heart Disease 43,262 183.5 per 100,000	Cancer 35,600 157.7 per 100,000	CLRD 6,986 30.7 per 100,000	Cerebrovascular Disease 6,029 26.0 per 100,000	Unintentional Injury 5,455 25.7 per 100,000	Pneumonia and Influenza 4,388 18.7 per 100,000	Diabetes 3,970 17.4 per 100,000

Data Source: NYS Vital Statistics

# Weekly COVID-19 death reports, all facilities, New York State, March 2020-November 2023



Annual death approximations  
2020: 38,511  
2021: 23,835  
2022: 14,916  
2023: 3,803 (through 11/14/23)

Data source: CDC

## Magnitude of the Opioid Burden, 2020/2021

Indicators	New York State Total	Crude rate per 100,000
<b>Overdose deaths involving any opioid, crude rate per 100,000 population</b>	4,205	21.5
Unique naloxone administrations by EMS agencies, crude rate per 1,000 unique 911 EMS dispatches, 2021	19,140	5.8
All emergency department visits (including outpatients and admitted patients) involving any opioid overdose, crude rate per 100,000 population, 2020	12,232	62.6
Percentage of patients prescribed one or more opioid analgesics with a total daily dose of 90 MME or more on at least one day, 2021	213,950	9.8
Percentage of incidents when patients were opioid naïve and received an opioid prescription of more than seven days, 2021	342,374	14.5
Patients who received at least one buprenorphine prescription for opioid use disorder, crude rate per 100,000 population, 2021	78,718	414.5
Opioid burden (including outpatient ED visits and hospital discharges for non-fatal opioid overdose, abuse, dependence, and unspecified use; and opioid overdose deaths), crude rate per 100,000 population, 2020	343,374	14.5

To access opioid-related data for NYS: <https://health.ny.gov/statistics/opioid/>

# Total mortality, premature deaths, years of potential life lost, and potentially preventable hospitalizations, three-year averages, New York State, 2018-2020

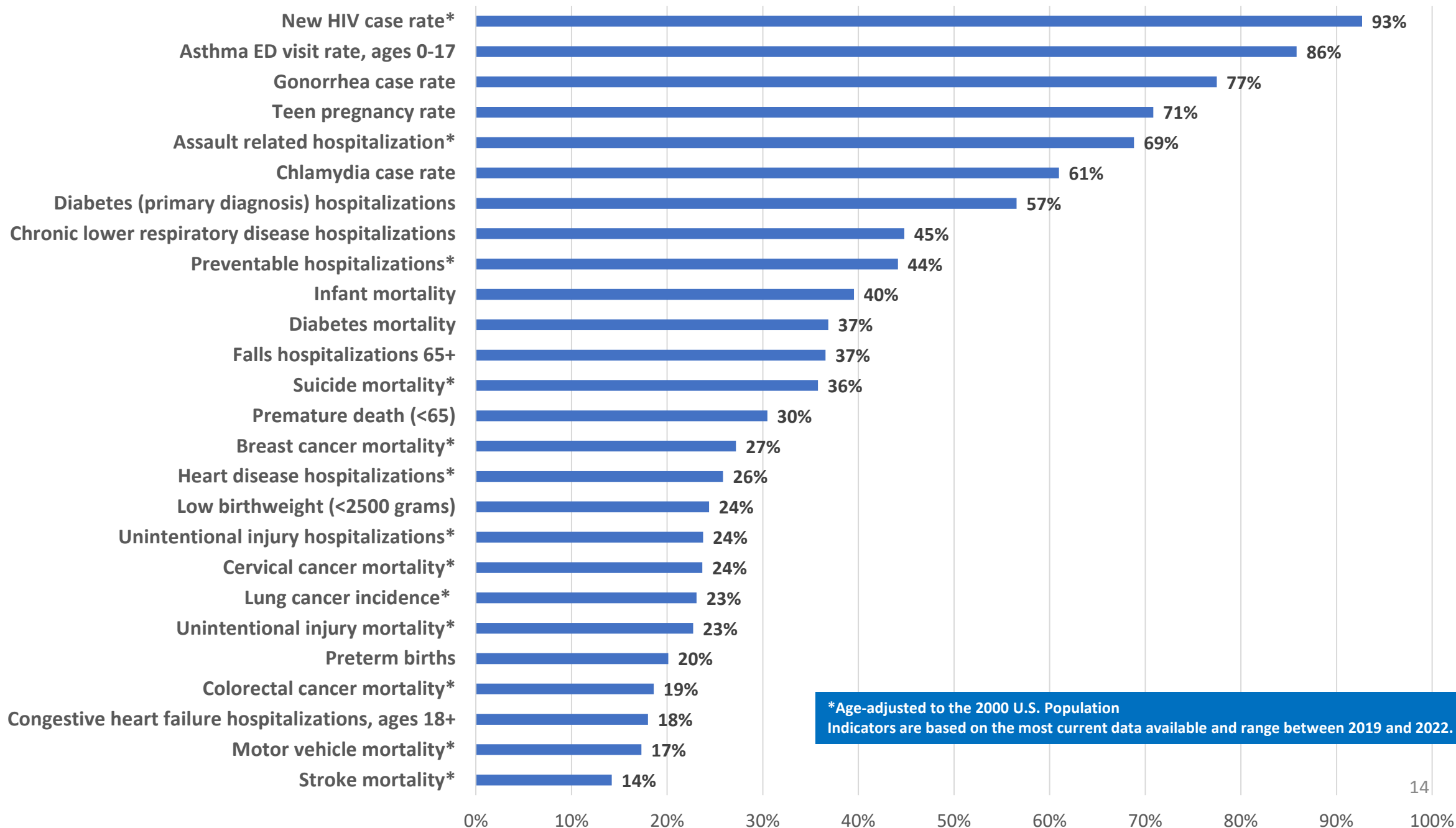
	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
<b>General Health Indicators</b>					
Total mortality per 100,000 population, age-adjusted	678.3	807.8	398.1	609.2	686.3
Percentage of premature deaths (< 75 years)	35.5%	56.2%	42.6%	53.5%	41.3%
Years of potential life lost per 100,000 population, age-adjusted	5,415.3	8,735.1	2,613.9	5,585.4	5,904.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	90.8	200.1	45.1	124.8	117.6

*\*Age-adjusted to U.S. Census 2000 Population*

*Data Source: New York State County Health Indicators by Race/Ethnicity*

# **Selected health outcome indicators with disparities between race and ethnic subgroups**

# Index of race and ethnicity disparity for selected public health outcomes, New York State, 2019-2022



# Selected birth-related indicators, New York State, 2018-2020, three-year averages

	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
<b>Birth-Related Indicators</b>					
Number of births per year (3 year average)	106,880	31,062	23,143	50,132	217,763
Percentage of births with early (1st trimester) prenatal care	82.0%	65.8%	78.5%	70.0%	76.2%
Percentage of births with adequate prenatal care (APNCU) <sup>^</sup>	79.6%	67.7%	77.4%	69.8%	75.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.6%	13.1%	8.4%	10.0%	9.1%
Percentage of low birthweight births (< 2.5 kg)	6.2%	13.1%	8.7%	8.5%	8.1%
Teen pregnancies per 1,000 females aged under 18 years	1.5	7.7	0.9	6.6	4.2
Pregnancies per 1,000 females aged 15-44 years	62.7	86.2	61.2	82.1	76.3
Fertility per 1,000 females aged 15-44 years	53.5	48.7	55.0	60.4	55.8
Infant mortality per 1,000 live births	3.2	8.4	1.6	3.7	4.2
Percentage of low-risk births delivered by cesarean section	26.8%	33.3%	28.5%	29.2%	28.5%

<sup>^</sup>APNCU: Adequacy of Prenatal Care Utilization Index.

Data Source: New York State County Health Indicators by Race/Ethnicity

# Selected injury-related indicators, three-year averages, by race and ethnicity, New York State, 2018-2020

Injury-Related Indicators	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Motor vehicle-related mortality per 100,000 population, age-adjusted	5.5	5.1	2.5	4.7	5.2
Unintentional injury mortality per 100,000 population, age-adjusted	39.8	35.0	11.0	33.2	36.1
Unintentional injury hospitalizations per 10,000 population, age-adjusted	61.3	61.2	26.5	52.3	66.0
Fall hospitalizations per 10,000 population, aged 65 years or older	205.0	100.6	87.0	121.0	192.6
Poisoning hospitalizations per 10,000 population, age-adjusted	8.6	13.2	2.3	8.8	10.0
Suicide mortality per 100,000 population, age-adjusted	10.3	4.5	5.3	4.6	8.1
Opioid burden per 100,000 population	2471	269.4	20.8	253.3	254.0

*\*Age-adjusted to U.S. Census 2000 Population*

*Data Source: New York State County Health Indicators by Race/Ethnicity*



# Selected respiratory disease-related indicators, 2018-2020, three-year averages

Respiratory Disease Indicators	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Asthma hospitalizations per 10,000 population, age-adjusted	3.0	18.1	3.5	13.4	8.5
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.0	32.8	8.2	19.6	15.9
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	31.4	21.2	8.8	15.6	27.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	14.1	34.1	6.9	24.0	20.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021) <sup>^^</sup>	52%	33%	50%	36%	49%

\*Age-adjusted to U.S. Census 2000 Population

^^White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race)

Data Source: New York State County Health Indicators by Race/Ethnicity

# Selected cancer disease-related indicators, 2017-2019, three-year averages

Cancer Indicators	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	64.3	47.1	46.6	31.9	56.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.8	14.3	8.0	9.4	11.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.0	39.1	33.3	31.5	37.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.2	24.8	9.7	13.5	18.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	42.2	51.9	32.4	31.3	41.4
Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.6	3.1	1.7	2.0	1.9
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	6.6	9.8	8.4	8.8	7.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021) <sup>nn</sup>	45%	37%	33%	34%	43%

*\*Age-adjusted to U.S. Census 2000 Population*

*Data Source: New York State County Health Indicators by Race/Ethnicity*

**NEW YORK STATE: Includes all 62 Counties**  
**New Diagnoses of HIV 2021 by Sex at Birth, Age, Race/Ethnicity and Risk**

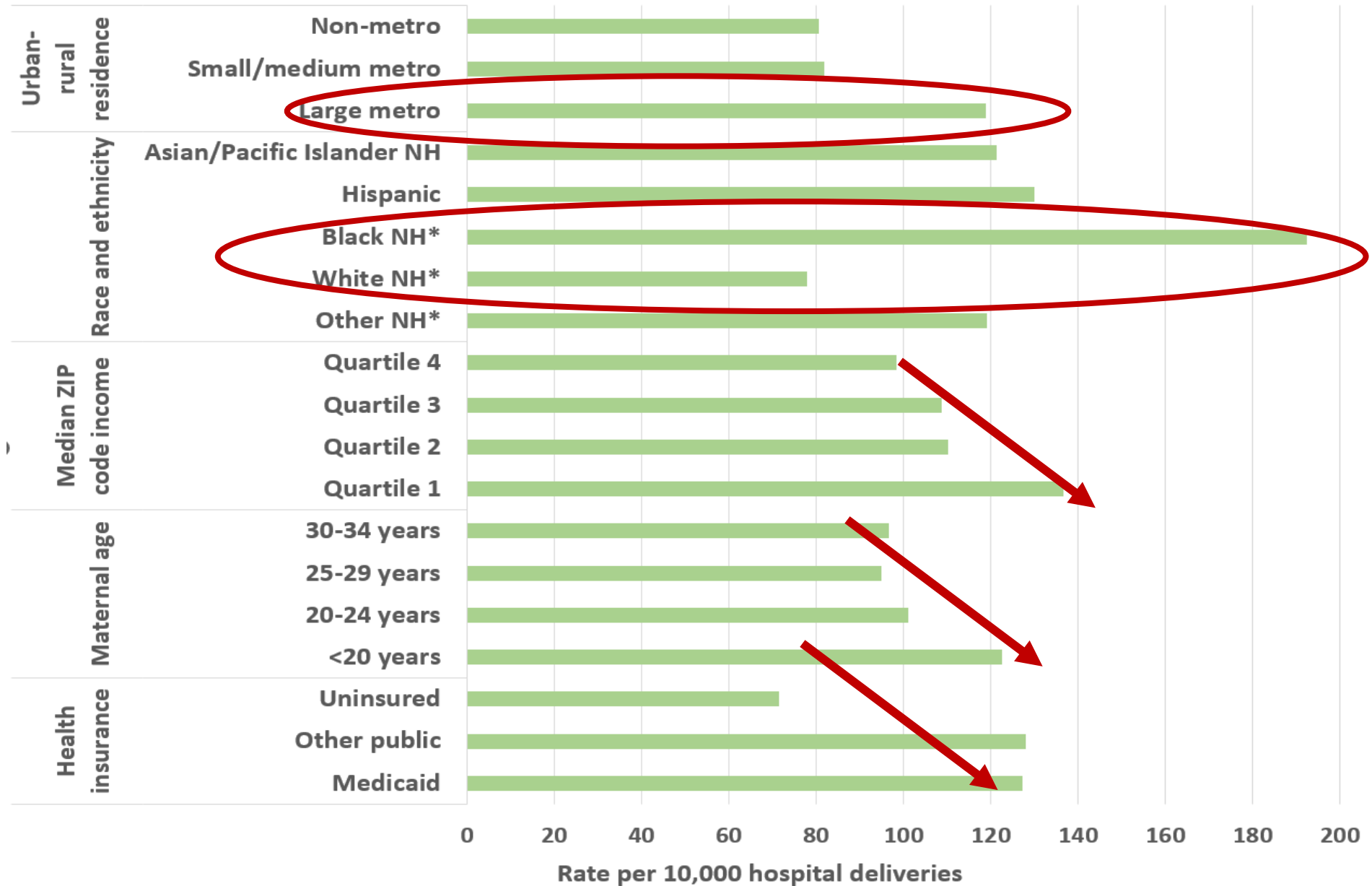
		Non-Concurrent HIV A		Concurrent HIV and AIDS B		All HIV Diagnoses* A+B			% Concurrent B÷(A+B)*100
		#	%	#	%	#	%	Case Rate†	%
<b>Total</b>		1,687	100.0	436	100.0	2,123	100.0	18.8	20.5
<b>Sex at Birth</b>	Male	1,386	82.2	354	81.2	1,740	82.0	17.8	20.3
	Female	301	17.8	82	18.8	383	18.0	3.9	21.4
<b>Age at Diagnosis</b>	12 & under	3	0.2	.	.	3	0.1	0.1	.
	13-19	69	4.1	8	1.8	77	3.6	4.6	10.4
	20-24	303	18.0	32	7.3	335	15.8	26.9	9.6
	25-29	330	19.6	44	10.1	374	17.6	27.2	11.8
	30-39	537	31.8	123	28.2	660	31.1	24.0	18.6
	40-49	202	12.0	92	21.1	294	13.8	12.3	31.3
	50-59	162	9.6	89	20.4	251	11.8	9.4	35.5
	60+	81	4.8	48	11.0	129	6.1	2.7	37.2
<b>Race/Ethnicity</b>	Non-Hispanic White	316	18.7	105	24.1	421	19.8	4.1	24.9
	Non-Hispanic Black	736	43.6	166	38.1	902	42.5	30.5	18.4
	Hispanic	537	31.8	136	31.2	673	31.7	16.7	20.2
	Asian	80	4.7	22	5.0	102	4.8	5.2	21.6
	Native Hawaiian/Pacific Islander	3	0.2	1	0.2	4	0.2	40.8	25.0
	Native American	3	0.2	1	0.2	4	0.2	6.6	25.0
	Multi Race	12	0.7	5	1.1	17	0.8	5.1	29.4
	<b>Risk</b>	MSM	912	54.1	193	44.3	1,105	52.0	.
IDU		39	2.3	3	0.7	42	2.0	.	7.1
MSM/IDU		37	2.2	7	1.6	44	2.1	.	15.9
Heterosexual		319	18.9	106	24.3	425	20.0	.	24.9
Pediatric Risk		3	0.2	.	.	3	0.1	.	.
Unknown		377	22.3	127	29.1	504	23.7	.	25.2

## Selected Sexually Transmitted Infection Indicators, 2010-2020

<b>Year</b>	<b>Chlamydia case rate</b>	<b>Gonorrhea case rate</b>	<b>Early syphilis case rate</b>
2010	503.7	92.9	13.0
2011	515.4	104.7	12.3
2012	509.6	115.1	13.9
2013	486.0	101.1	17.8
2014	499.4	104.8	20.7
2015	533.4	131.8	25.1
2016	567.6	150.0	31.2
2017	612.6	177.5	32.6
2018	634.4	196.0	35.6
2019	668.3	217.0	38.6
2020	529.6	228.3	41.7

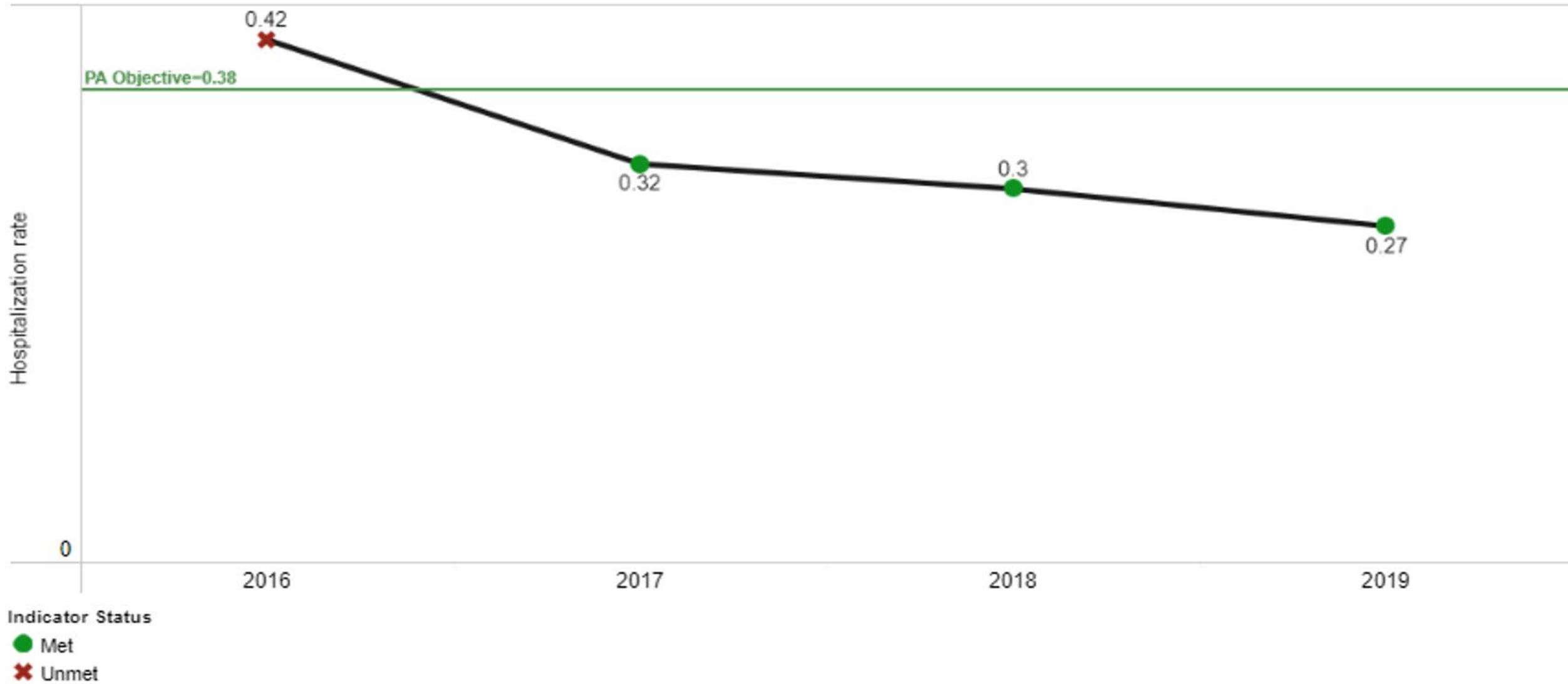
*\*Age-adjusted using Surveillance, Epidemiology, and End Results Program (SEER) data  
Data Source: New York State STI Surveillance System, data as of October 2022*

# Severe maternal morbidity, rate per 10,000 hospital deliveries, by residence type, race and ethnicity, zip code income quartile, age, and insurance status, New York State, 2021



\*Non-Hispanic  
 Data source: The data for this indicator is provided by the Federally Available Data (FAD) Resource Document, from the Health Resources and Services Administration (HRSA). HRSA obtains the data from the Healthcare Cost and Utilization Project (HCUP) State Inpatient Databases (SID)

# Firearm assault-related hospitalizations, rate per 10,000 population, New York State





# NEW YORK

## 2023 ALZHEIMER'S STATISTICS

### NUMBER OF PEOPLE AGED 65 AND OLDER WITH ALZHEIMER'S

YEAR	TOTAL
2020	410,000
2025	460,000

### ESTIMATED % INCREASE

# 12.2%

### PREVALENCE

# 568

 # OF GERIATRICIANS IN 2021

# 44.0%

 INCREASE NEEDED TO MEET DEMAND IN 2050

# 510,870

 # OF HOME HEALTH AND PERSONAL CARE AIDES IN 2020

# 39.1%

 INCREASE NEEDED TO MEET DEMAND IN 2030

### WORKFORCE

### UNPAID CAREGIVERS (2022)

# 546,000

 # OF CAREGIVERS

# 884,000,000

 TOTAL HOURS OF UNPAID CARE

# \$19,089,000,000

 TOTAL VALUE OF UNPAID CARE

### CAREGIVER HEALTH (2021)

# 59.0%

 OF CAREGIVERS WITH CHRONIC HEALTH CONDITIONS

# 24.7%

 OF CAREGIVERS WITH DEPRESSION

# 12.0%

 OF CAREGIVERS IN POOR PHYSICAL HEALTH

### CAREGIVING

### HOSPICE (2017)

# 7,669

 # OF PEOPLE IN HOSPICE WITH A PRIMARY DIAGNOSIS OF DEMENTIA

# 16%

 HOSPICE RESIDENTS WITH A PRIMARY DIAGNOSIS OF DEMENTIA

### HOSPITALS (2018)

# 1,461

 # OF EMERGENCY DEPARTMENT VISITS PER 1,000 PEOPLE WITH DEMENTIA

# 23.7%

 DEMENTIA PATIENT HOSPITAL READMISSION RATE

### MEDICAID

# \$5.453B

 MEDICAID COSTS OF CARING FOR PEOPLE WITH ALZHEIMER'S (2020)

# 15.6%

 PROJECTED CHANGE IN COSTS FROM 2020 TO 2025

### MEDICARE

# \$35,374

 PER CAPITA MEDICARE SPENDING ON PEOPLE WITH DEMENTIA (IN 2022 DOLLARS)

### HEALTH CARE

### # OF DEATHS FROM ALZHEIMER'S DISEASE (2019)

# 3,753

### MORTALITY



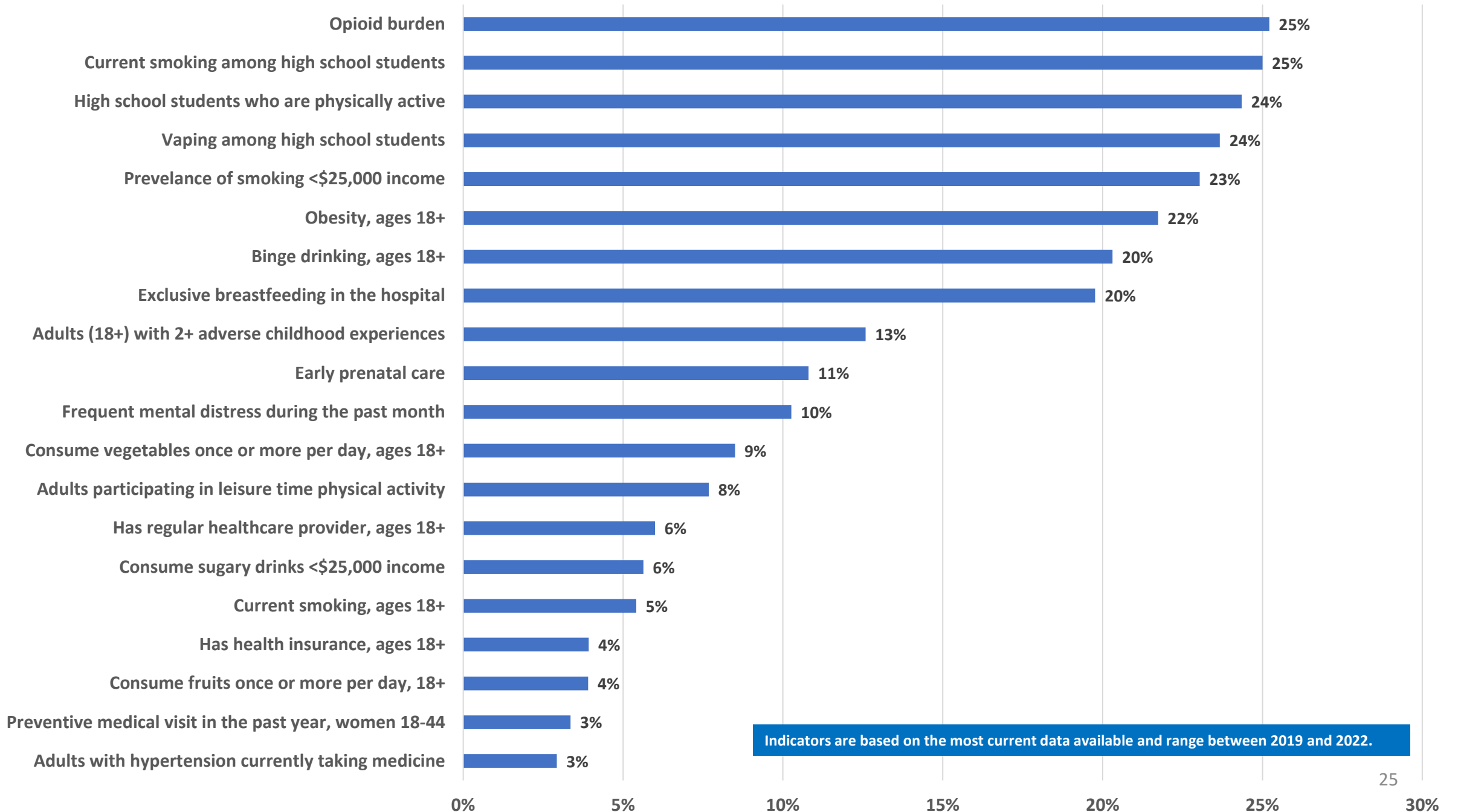
More than **6 million Americans** are living with Alzheimer's, and over **11.5 million** provide their unpaid care. The cost of caring for those with Alzheimer's and other dementias is estimated to total **\$345 billion** in 2023, increasing to nearly **\$1 trillion** (in today's dollars) by mid-century.

For more information, view the **2023 Alzheimer's Disease Facts and Figures** report at [alz.org/facts](http://alz.org/facts). © 2023 Alzheimer's Association® All Rights Reserved. Alzheimer's Association is a not-for-profit 501(c)(3) organization.

**Selected health behavior/risk factor  
indicators with disparities between race and  
ethnic subgroups**



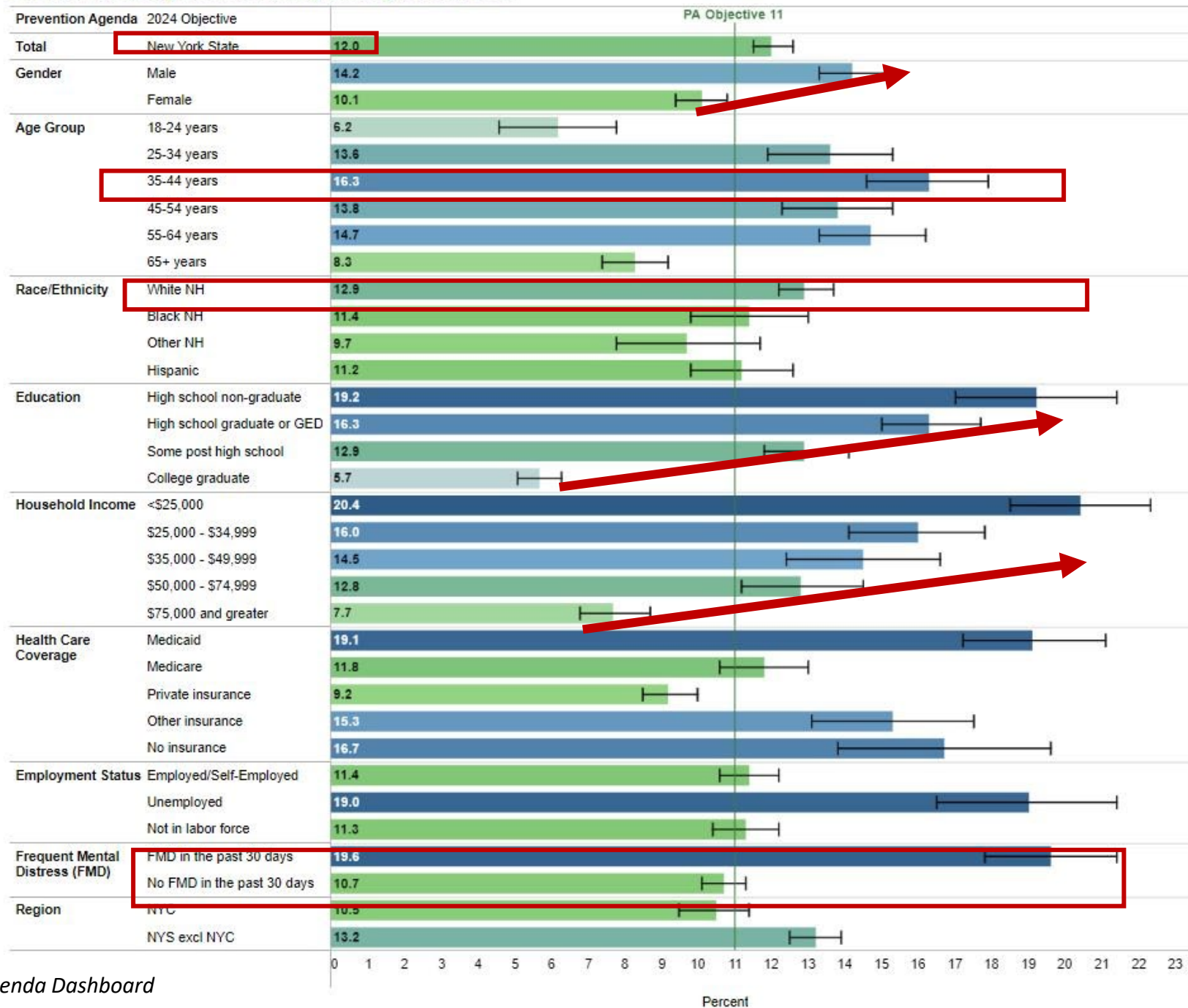
# Index of race and ethnic disparity for public health behaviors/risk factors, New York State, 2019-2022



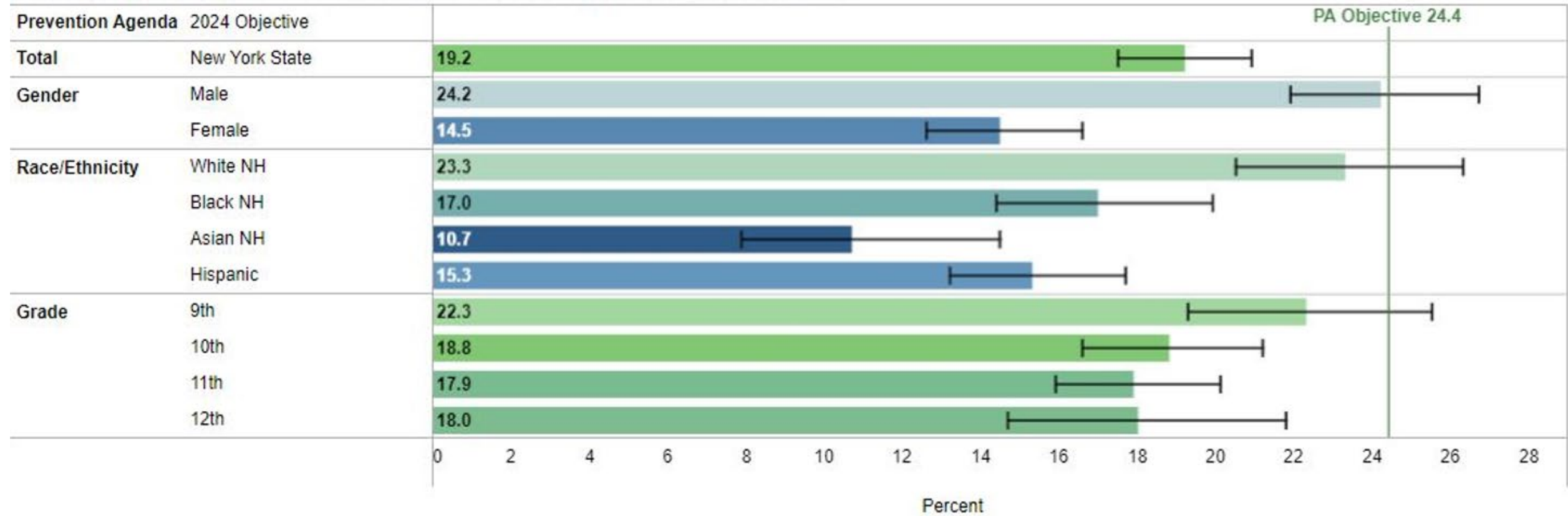
# **Selected health factor data**

- Smoking
- Obesity/physical activity
- Binge drinking
- Vaping
- Marijuana use

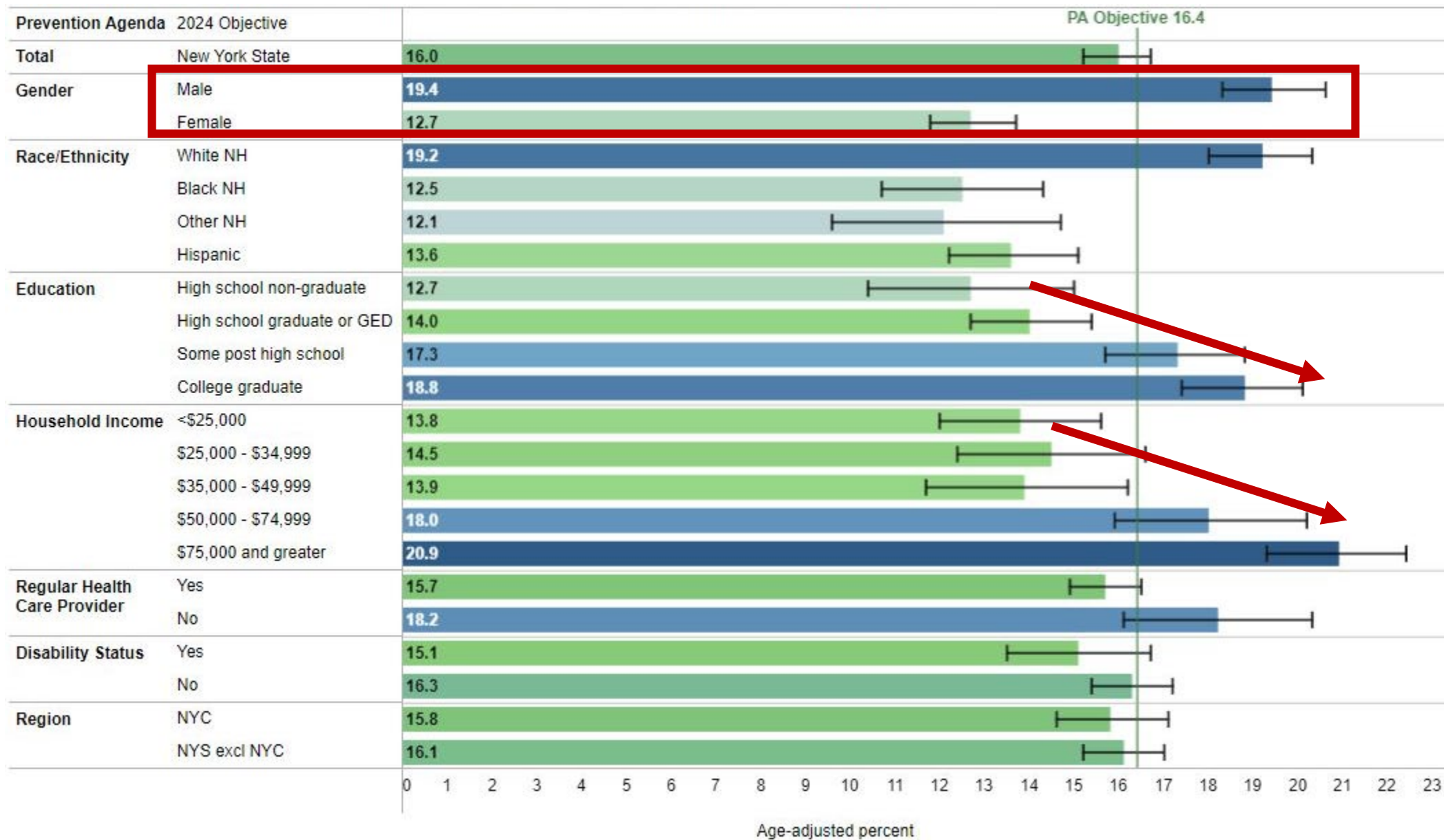
# Prevalence of cigarette smoking among adults, 2021



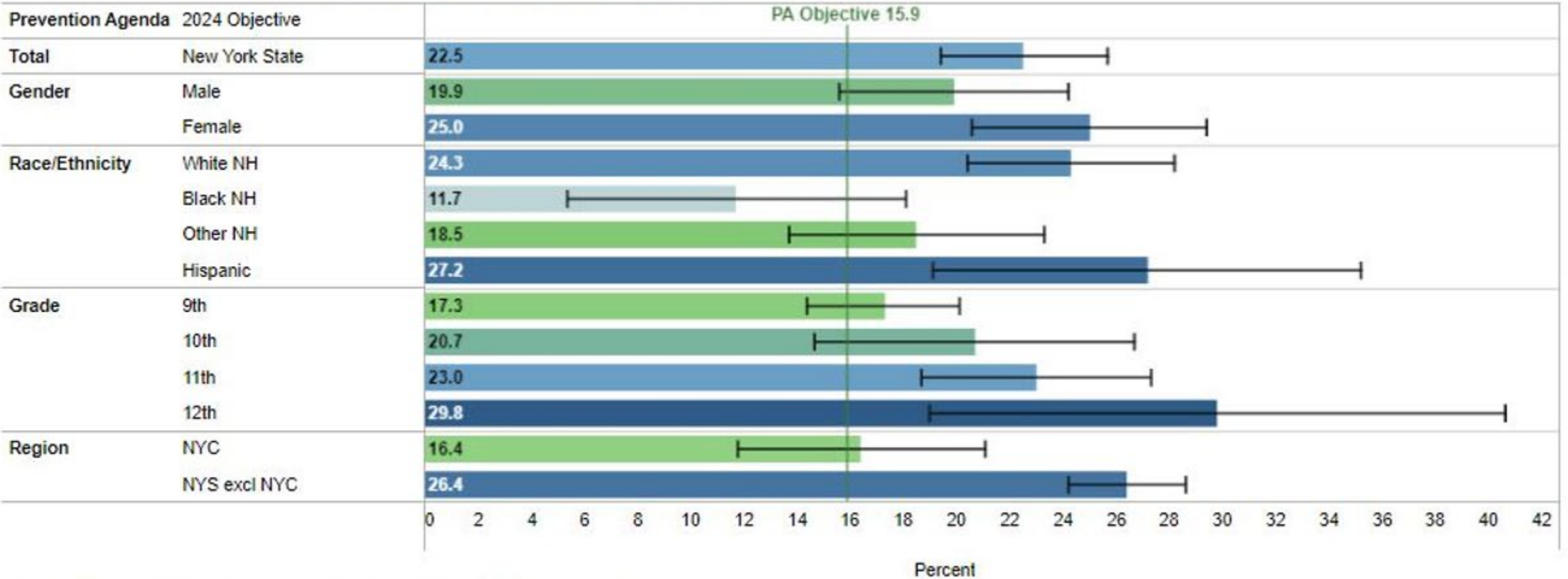
# Percentage of high school students who are physically active, 2019



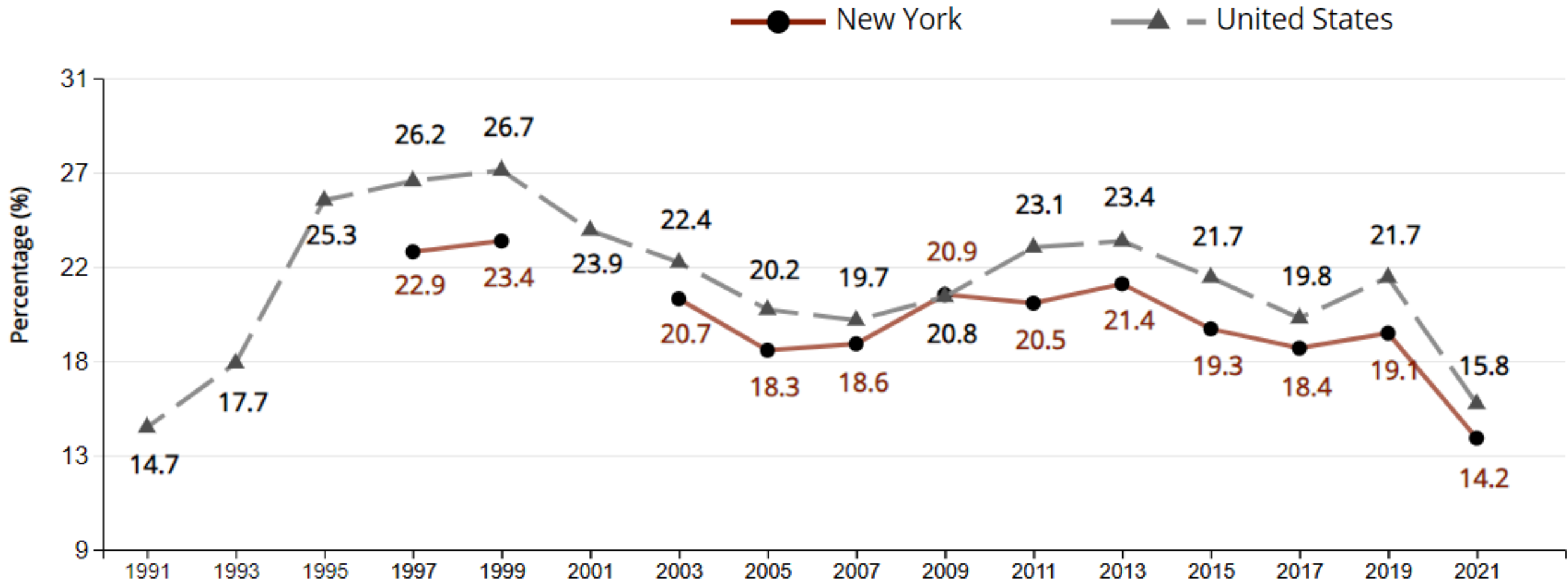
# Binge drinking during the past month among adults, age-adjusted percentage, 2021



# Prevalence of vaping product use by high school age students, 2020



# Current use\* of marijuana among high school students, New York State and United States, 1991-2021



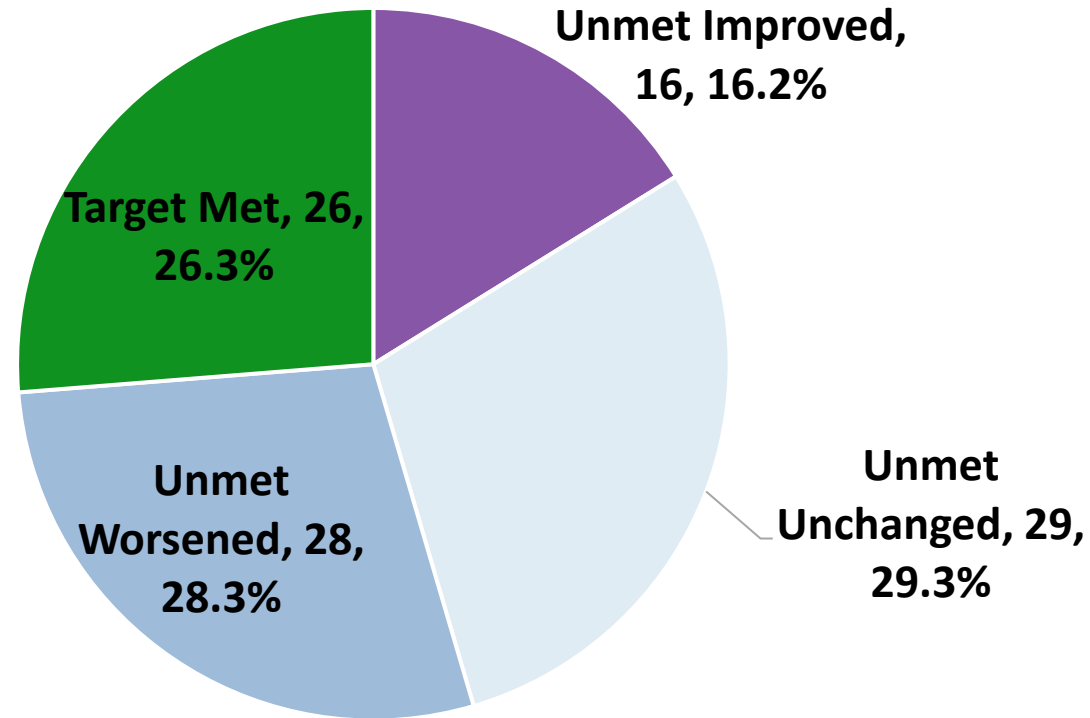
\*Current use is defined as marijuana use within the last 30 days

Data Source: Youth Risk Behavioral Surveillance Survey, data as of October 2021

# **Progress on Prevention Agenda 2019-2024**

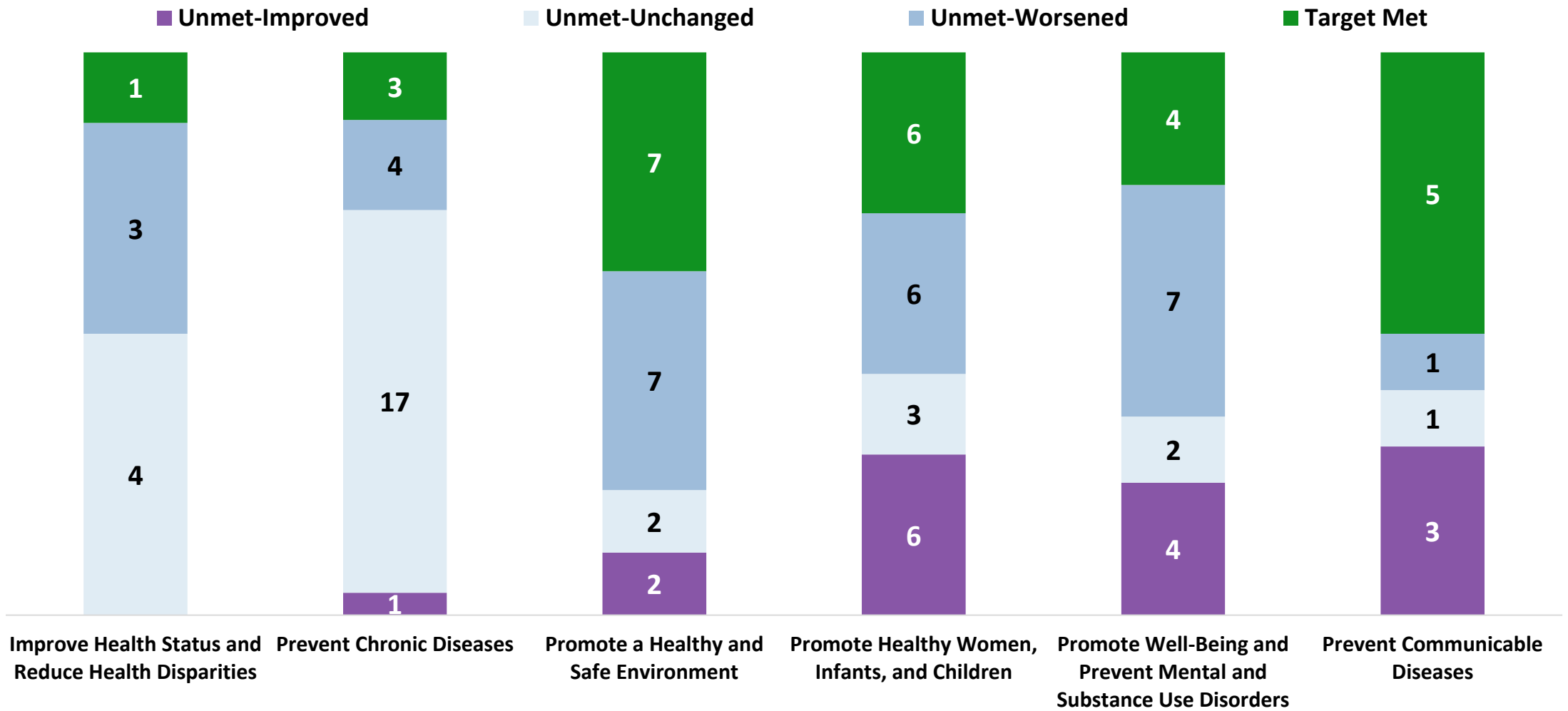


## 2019 – 2024 Prevention Agenda Overall Progress on 99 Indicators

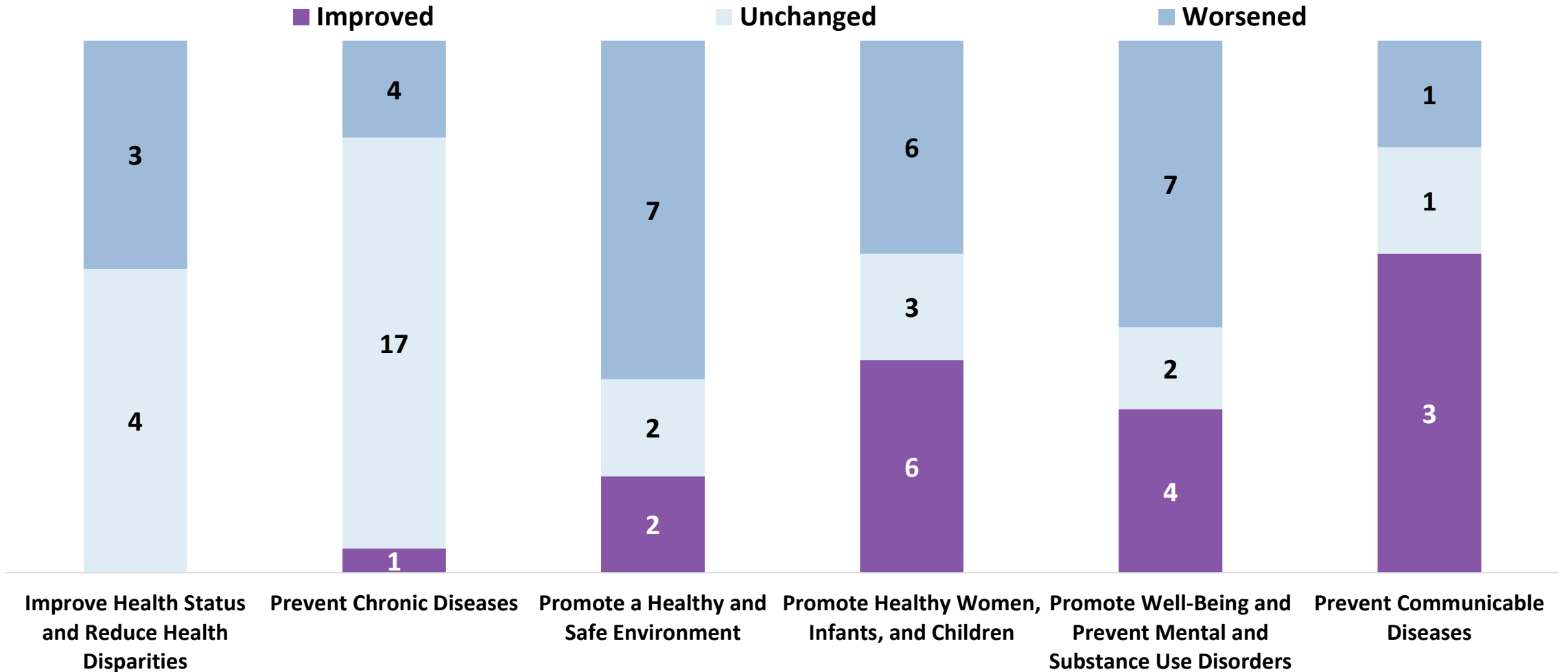


- Unmet Improved
- Unmet Worsened
- Unmet Unchanged
- Target Met

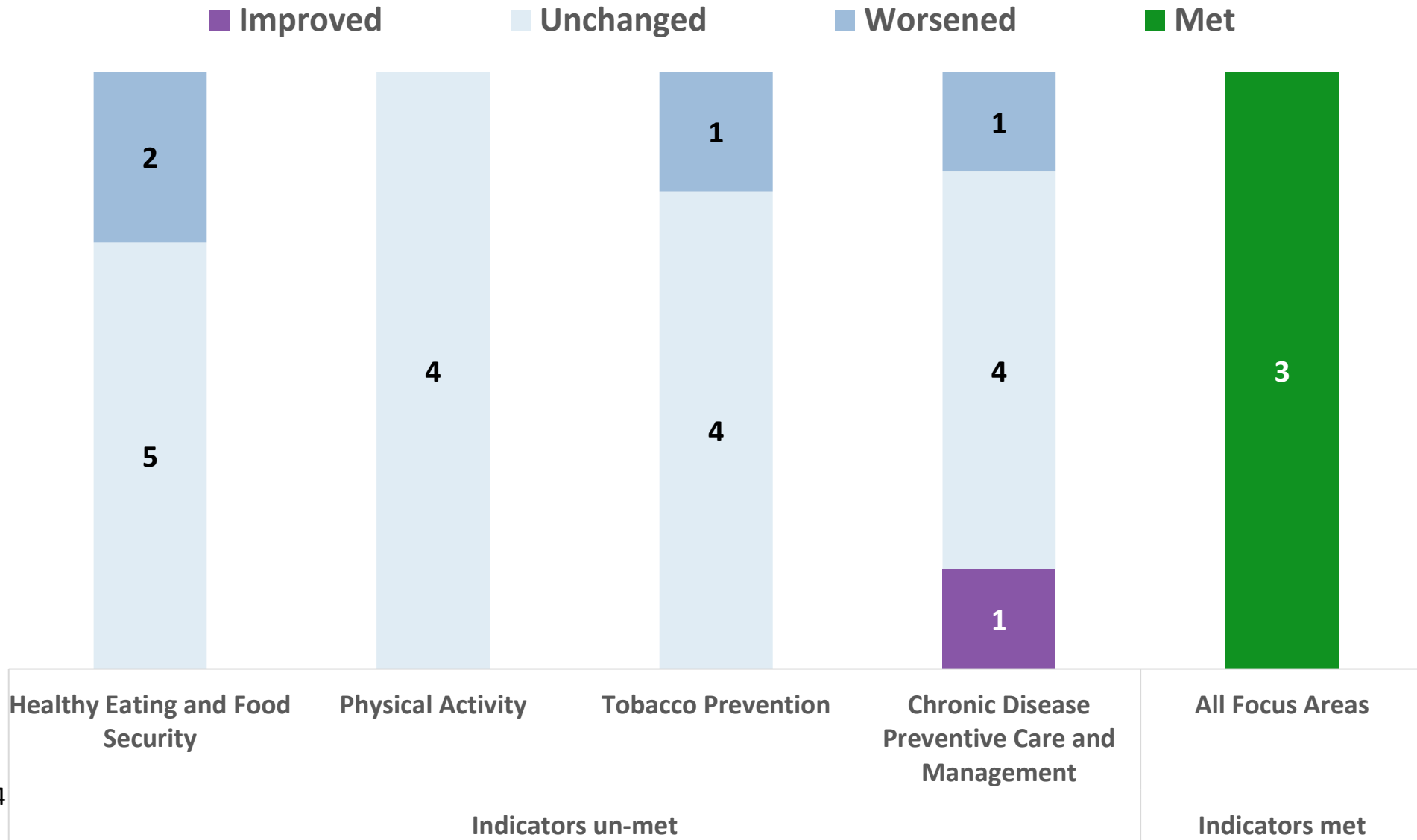
## 2019 – 2024 Prevention Agenda Progress by Priority Area



## 2019 – 2024 Prevention Agenda Progress by Priority Area: among 70 Indicators that Were Not Met



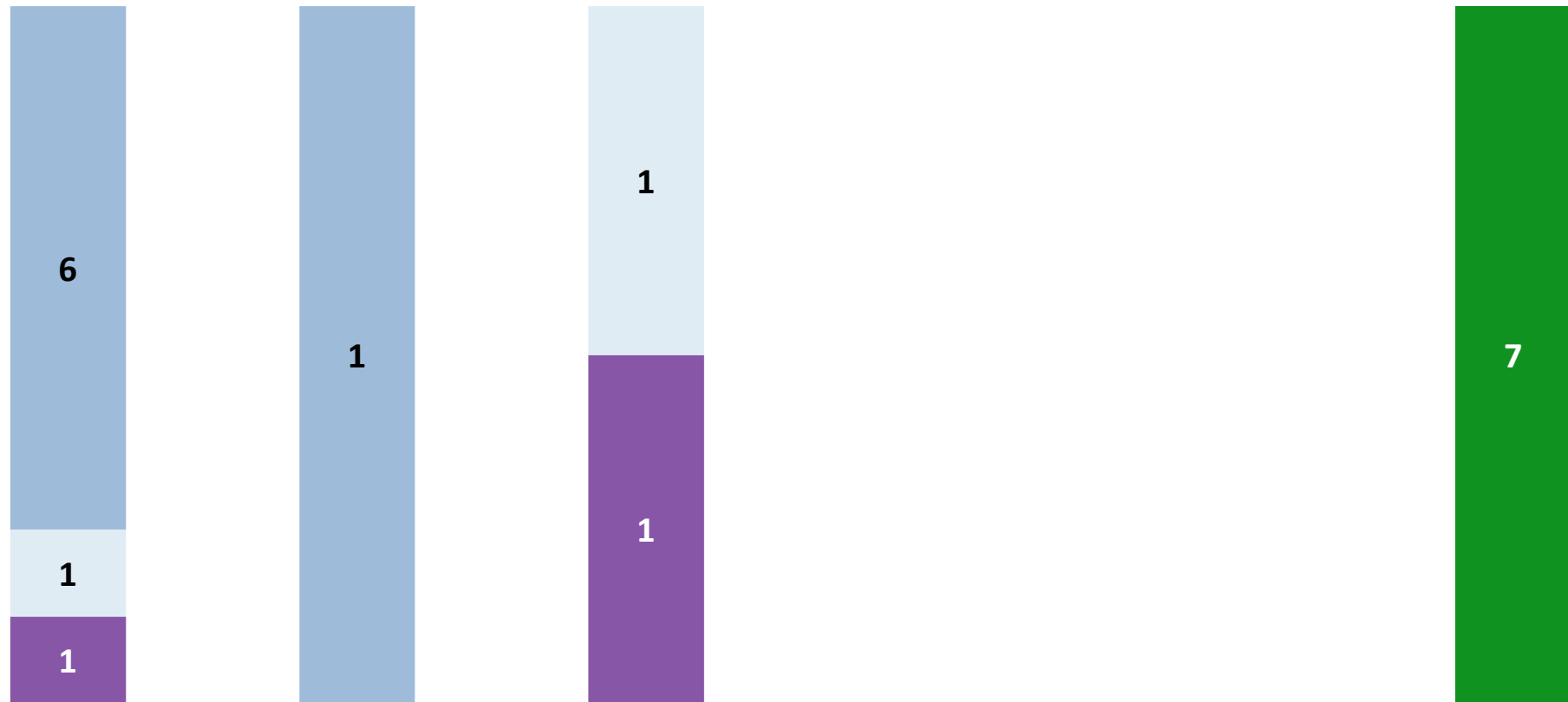
# Progress on 25 Preventing Chronic Disease indicators, by focus area



As of February 2024

# Progress on 18 Promote Healthy And Safe Environment indicators, by focus area

Improved Unchanged Worsened Met



\*Focus Area does not have unmet indicators

As of February 2024

[New York State Prevention Agenda Dashboard \(ny.gov\)](https://www.ny.gov/prevention-agenda)

Injuries, Violence and Occupational Health

Outdoor Air Quality

Built and Indoor Environments

Water Quality\*

Food and Consumer Products\*

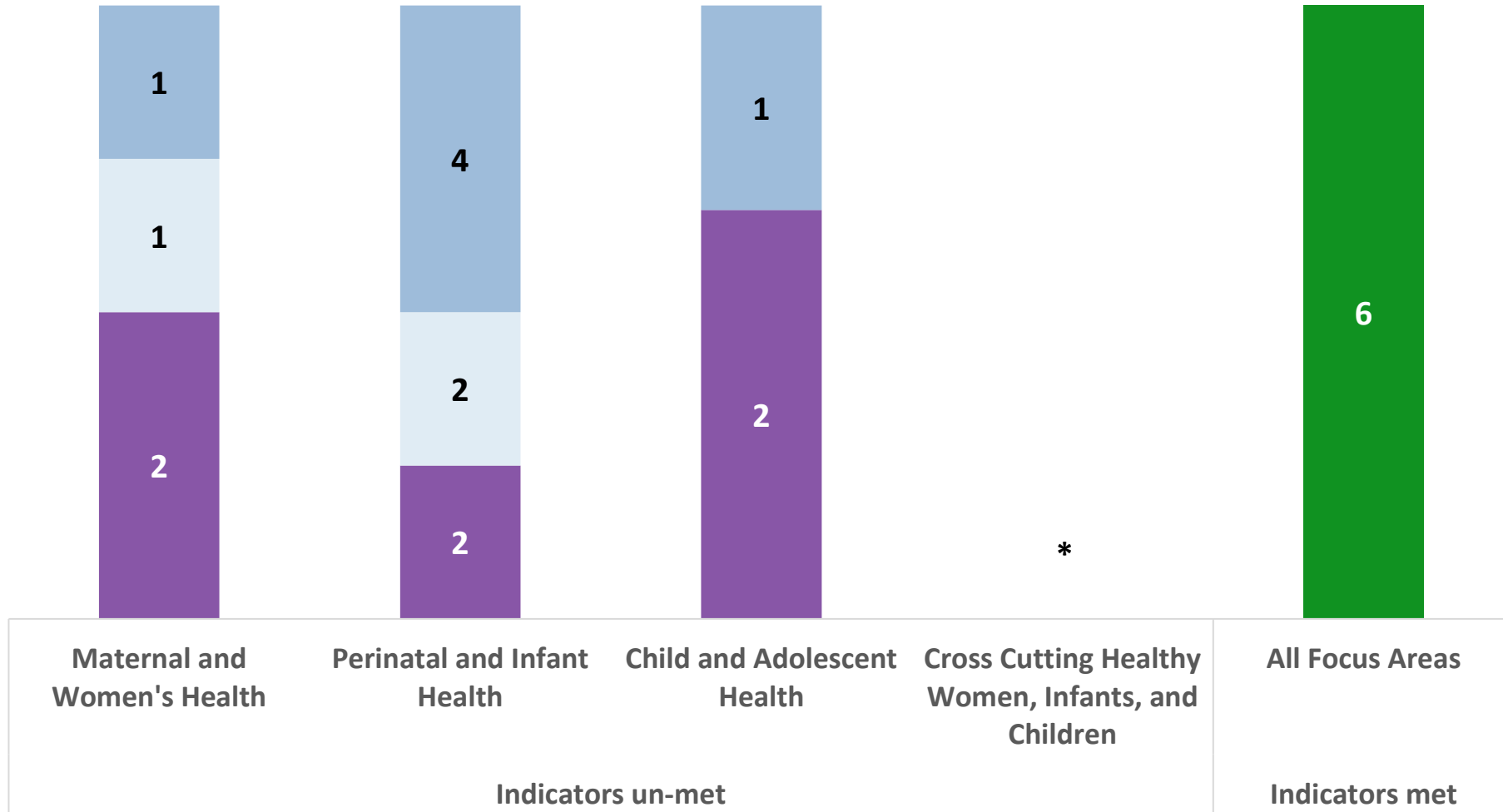
All Focus Areas

Indicators un-met

Indicators met

# Progress on 21 Promote Healthy Women, Infants, Children indicators, by focus area

Improved Unchanged Worsened Met

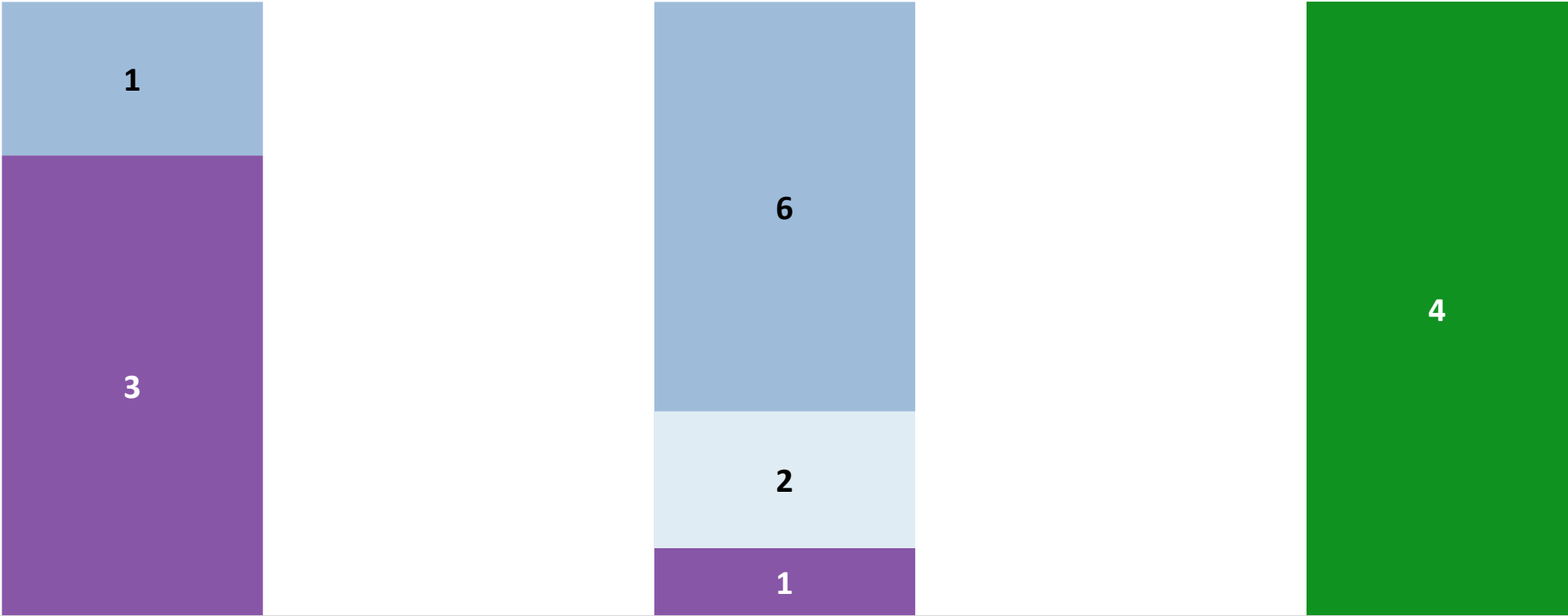


*\*Focus Area does not have indicators*

As of February 2024

# Progress on 17 Promote Well-Being and Prevent Mental and Substance Use Disorders indicators, by focus area

Improved Unchanged Worsened Met



Well-Being

Mental and Substance Use Disorders Prevention

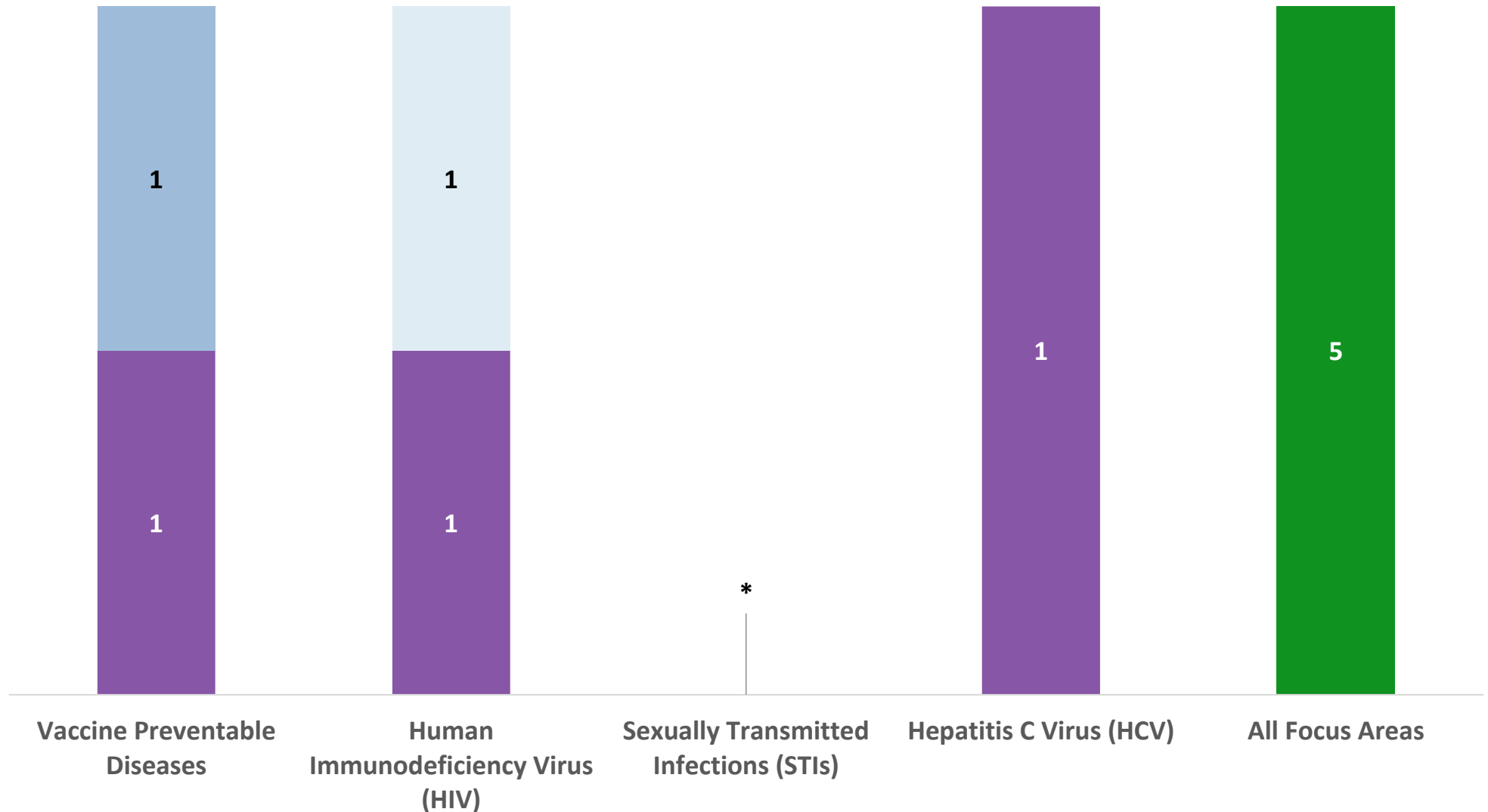
All Focus Areas

Indicators un-met

Indicators met

# Progress on 10 Prevent Communicable Diseases, by focus area

Improved Unchanged Worsened Met



*\*Focus Area 3 does not have unmet indicators*



# **Description of population demographics, social determinants, and health-related social needs**

- **Economic stability**
- **Healthcare access and quality**
- **Neighborhood and built environment**
- **Social and community context**
- **Education access and quality**

# **Economic stability**

- Income metrics
- Poverty measures
- Food security

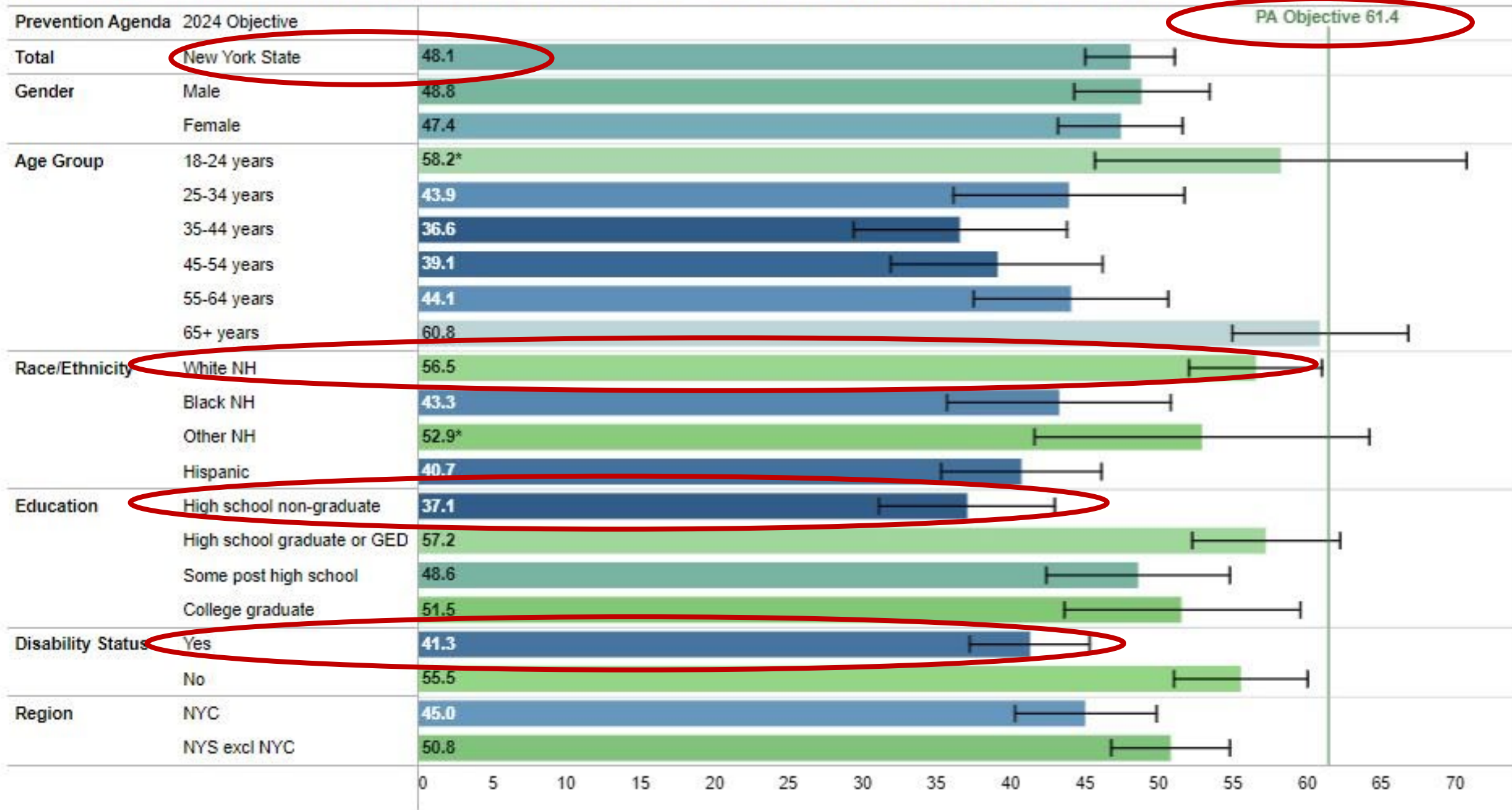
# Income, poverty, and unemployment, New York State, by race/ethnicity 2017-2021

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Median annual household income in US dollars (2017-2021)~	85,520	53,697	83,399	55,621	75,157
Percentage of families below poverty (2017-2021)~	5.7%	16.5%	11.3%	17.6%	9.8%
Percentage of children under age 18 below poverty (2017-2021)~	12.1%	28.0%	16.7%	25.9%	18.4%
Percentage unemployed among the civilian labor force (2017-2021)~	4.9%	9.2%	5.7%	8.3%	6.2%

~White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).

Data Source: New York State County Health Indicators by Race/Ethnicity

# Percentage of adults with an annual household income less than \$25,000 with perceived food security, 2021



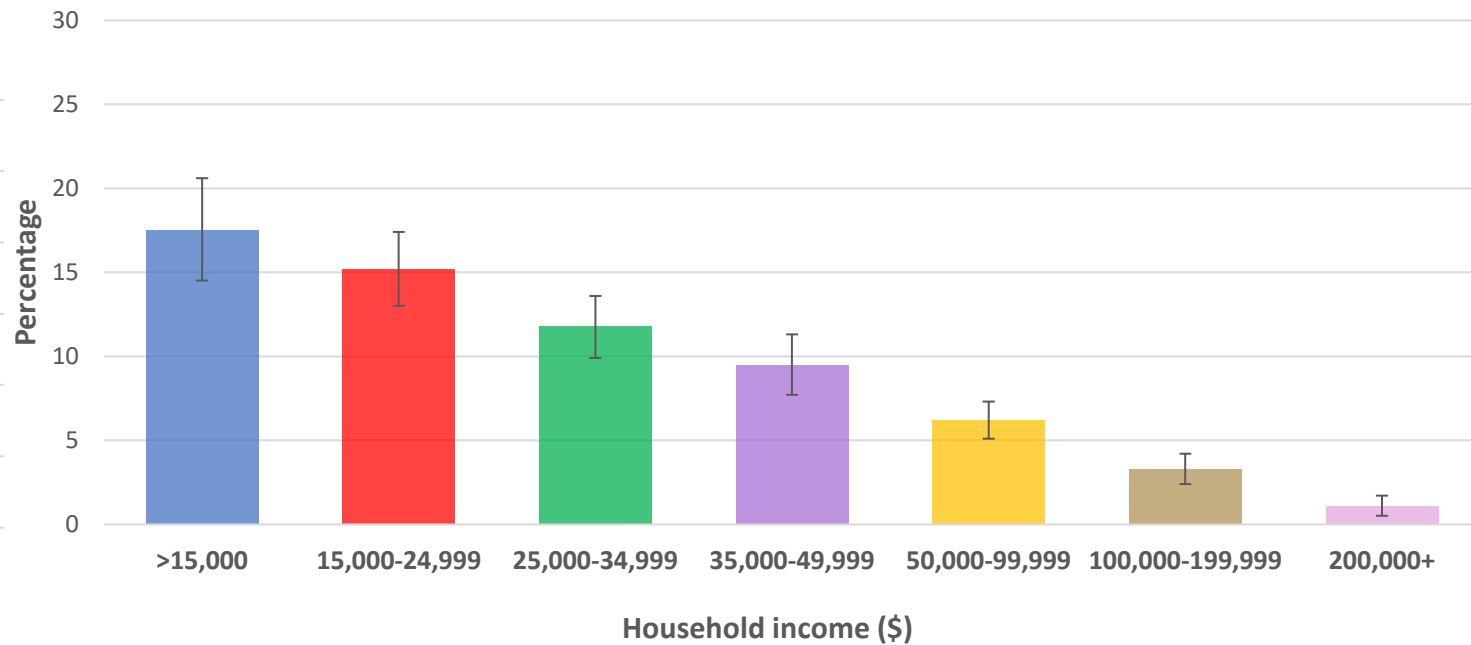
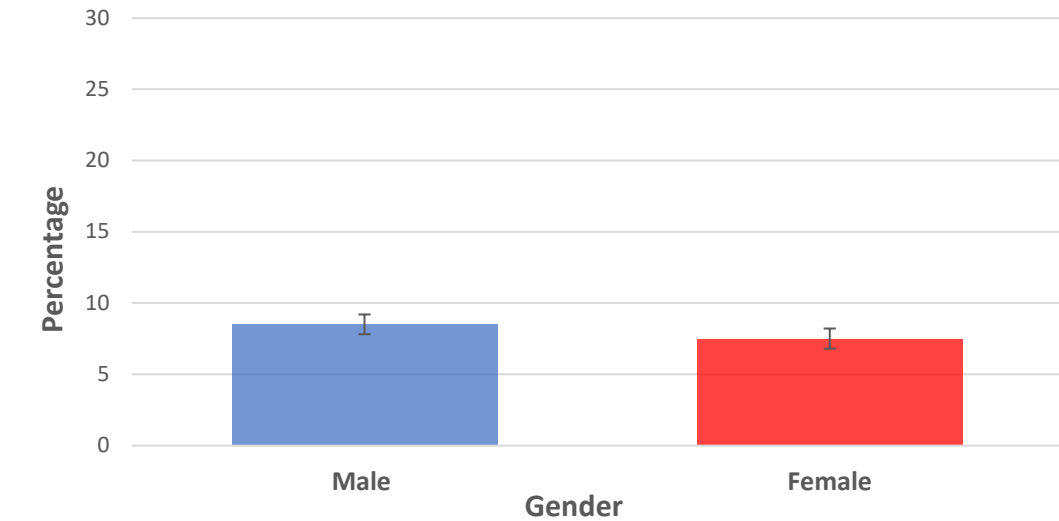
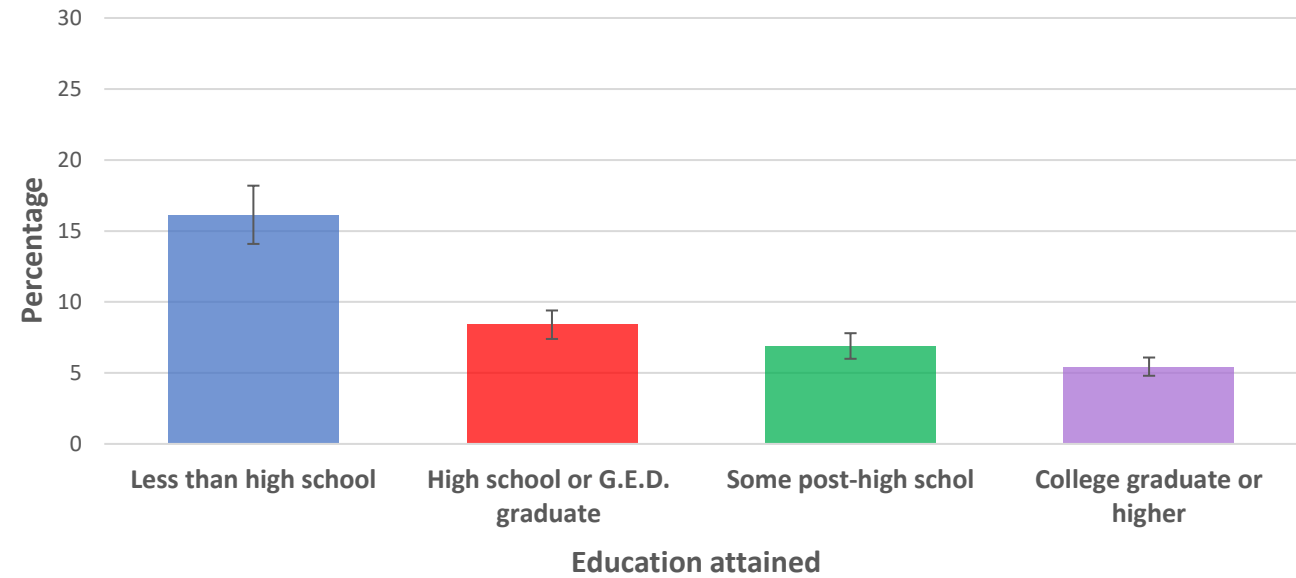
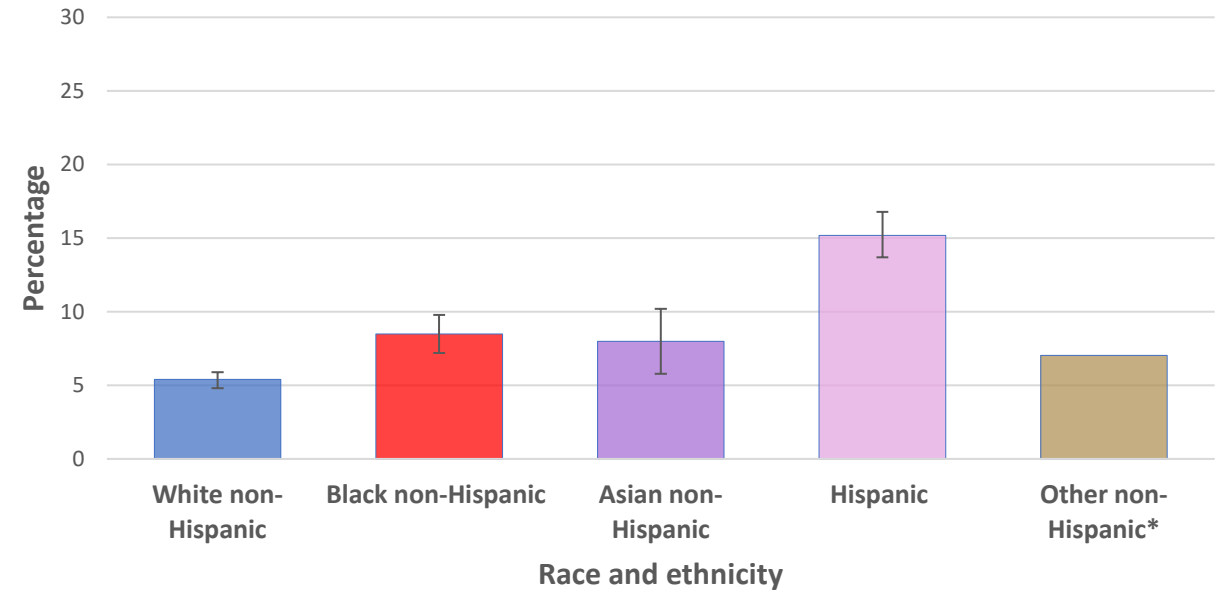
Data Source: NYS Prevention Agenda Dashboard

Percent

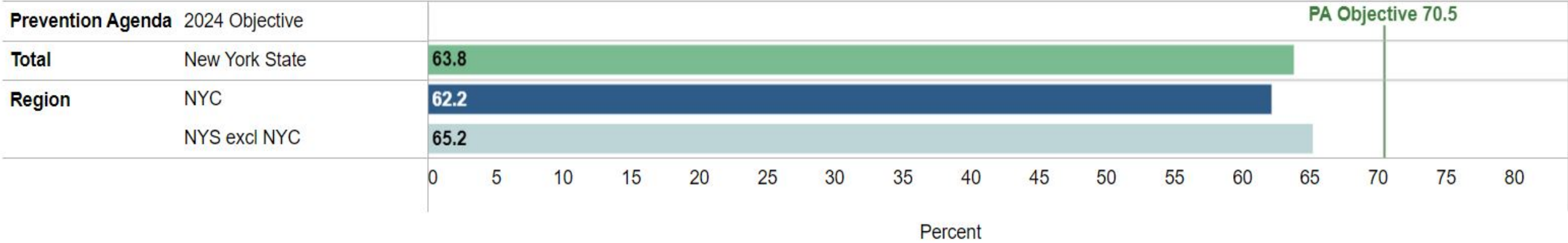
# **Healthcare access and quality**

- Select access indicators
- Quality of care

# Avoided seeking healthcare due to affordability in the last 12 months by race, education, gender, and income, New York State, 2021



### Percentage of 24-35-month old children with the 4:3:1:3:3:1:4 immunization series, 2021



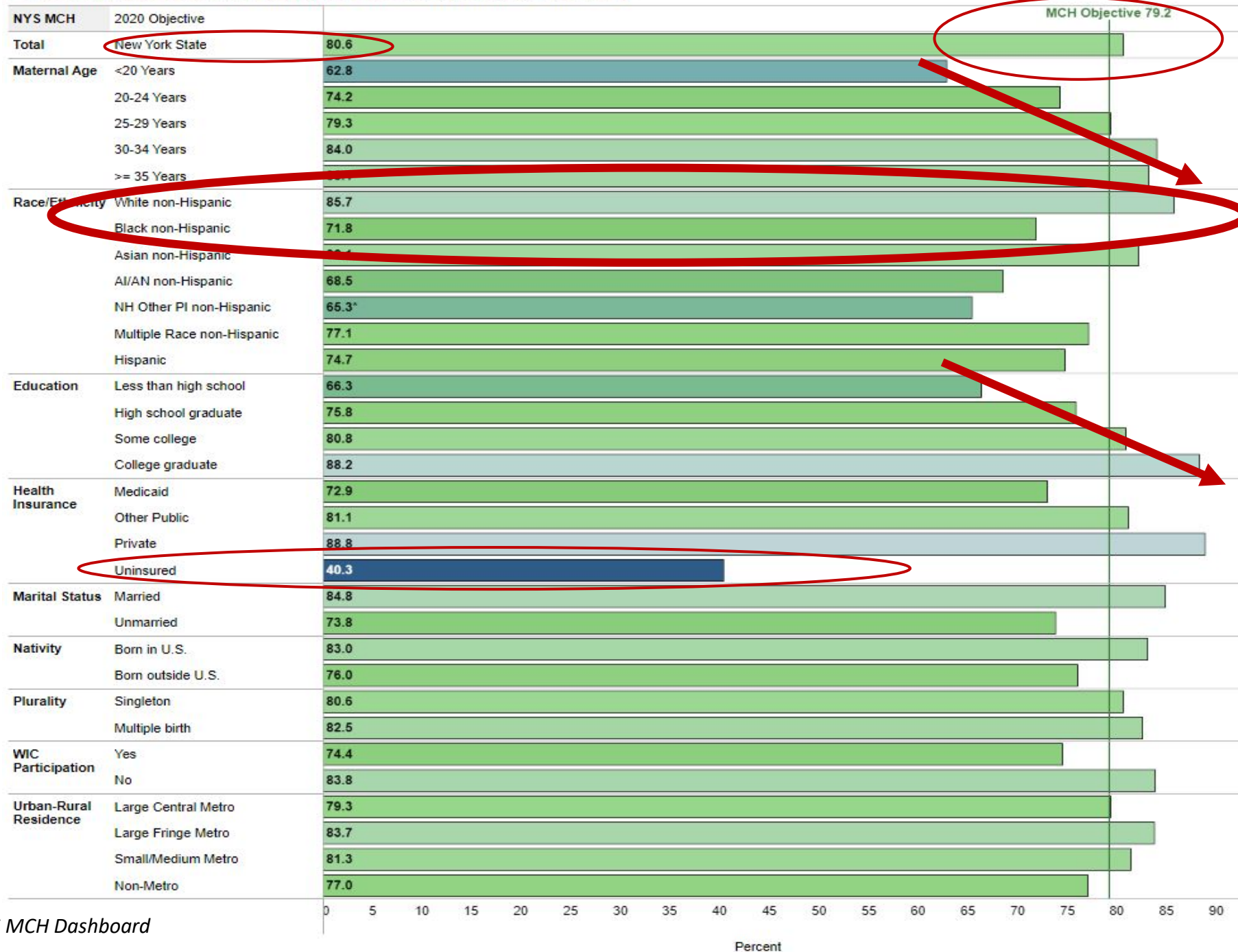
### Percentage of 24-35-month old children with the 4:3:1:3:3:1:4 immunization series, 2021

Group	Characteristics	Percent
Prevention Agenda	2024 Objective	70.5
Total	New York State	63.8
Region	NYC	62.2
	NYS excl NYC	65.2

NYC = New York City. NYS excl NYC = New York State excluding New York City.

Data Source: New York State Immunization Information System (NYSIIS) and Citywide Immunization Registry (CIR), data as of October 2022

### Percentage of births with early (1st trimester) prenatal care, 2020





# Percentage of children and adolescents aged 1-17 years who had one or more preventive dental care visits in the past year, 2019-2020

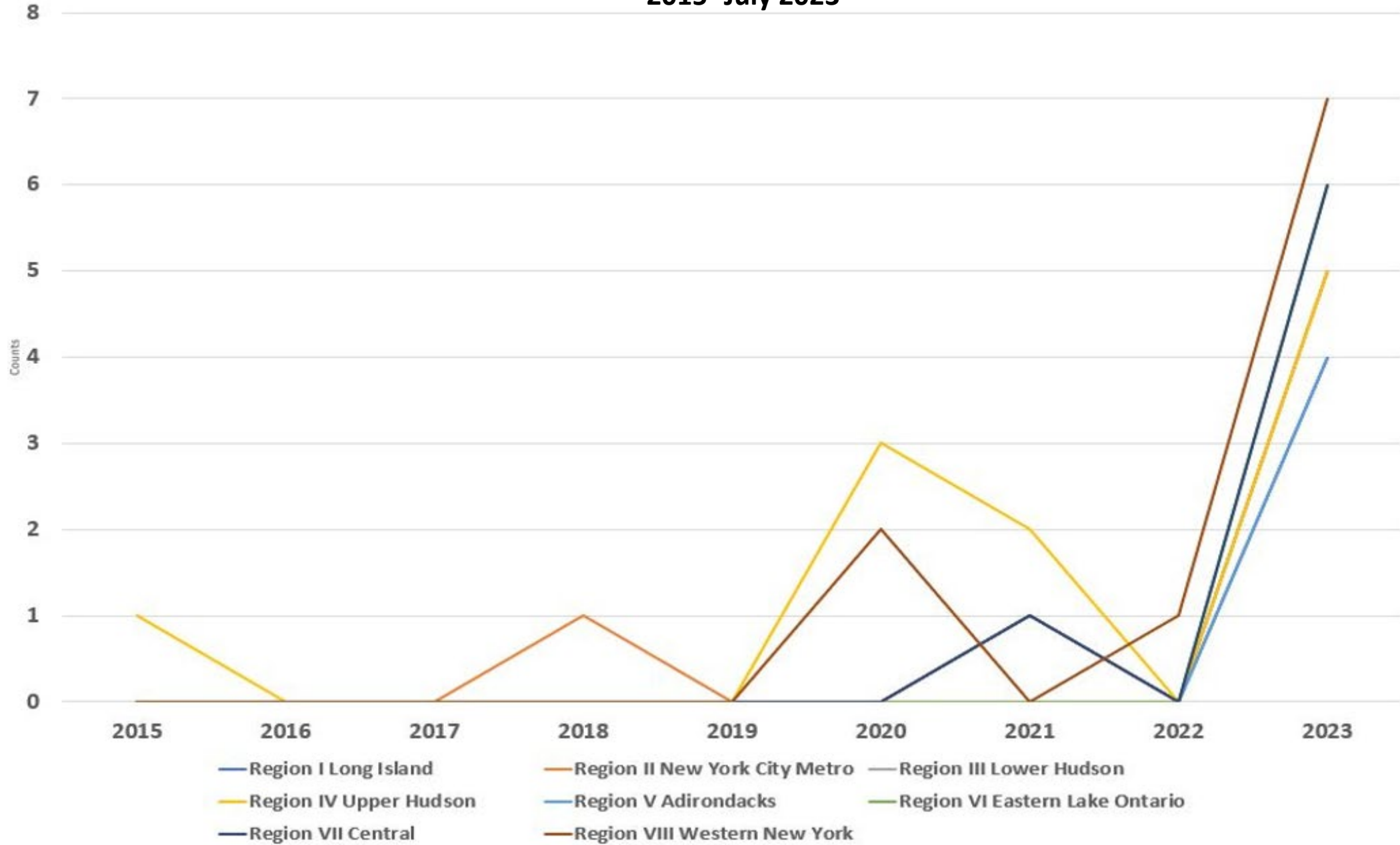


Characteristics	Percent (95% CI)
2020 Objective	81.5
New York State	77.2 (73.5-80.4)

# **Neighborhood and built environment**

- Air quality
- Water fluoridation
- Housing safety

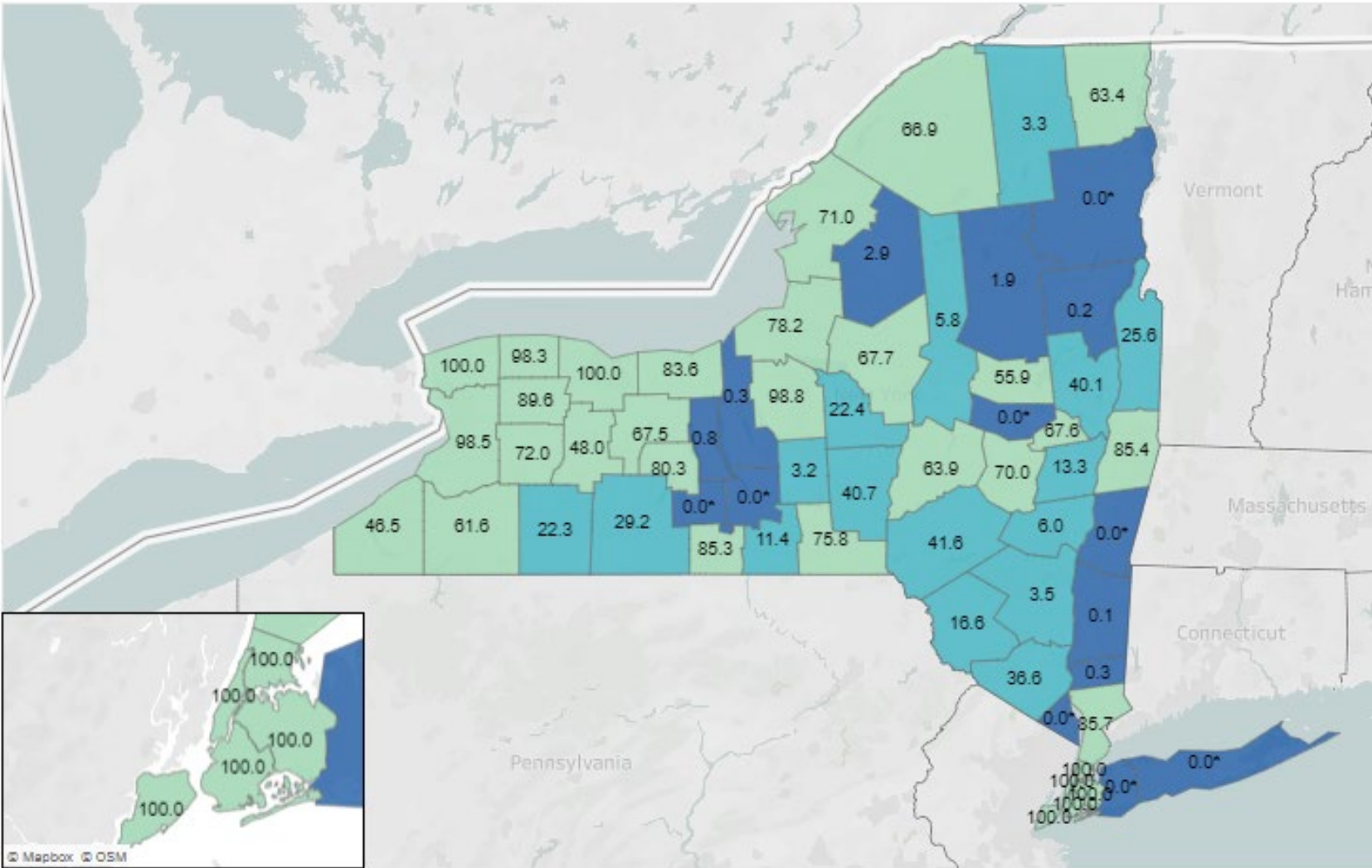
**Counts of air quality index (AQI) days above 100 PM<sub>2.5</sub> by New York State Department of Environmental Conservation forecast region, 2015- July 2023**



Data Source: NYSDEC / CEH

# Percentage of residents served by community water systems that have optimally fluoridated water, 2021

NYS total: 71.2%

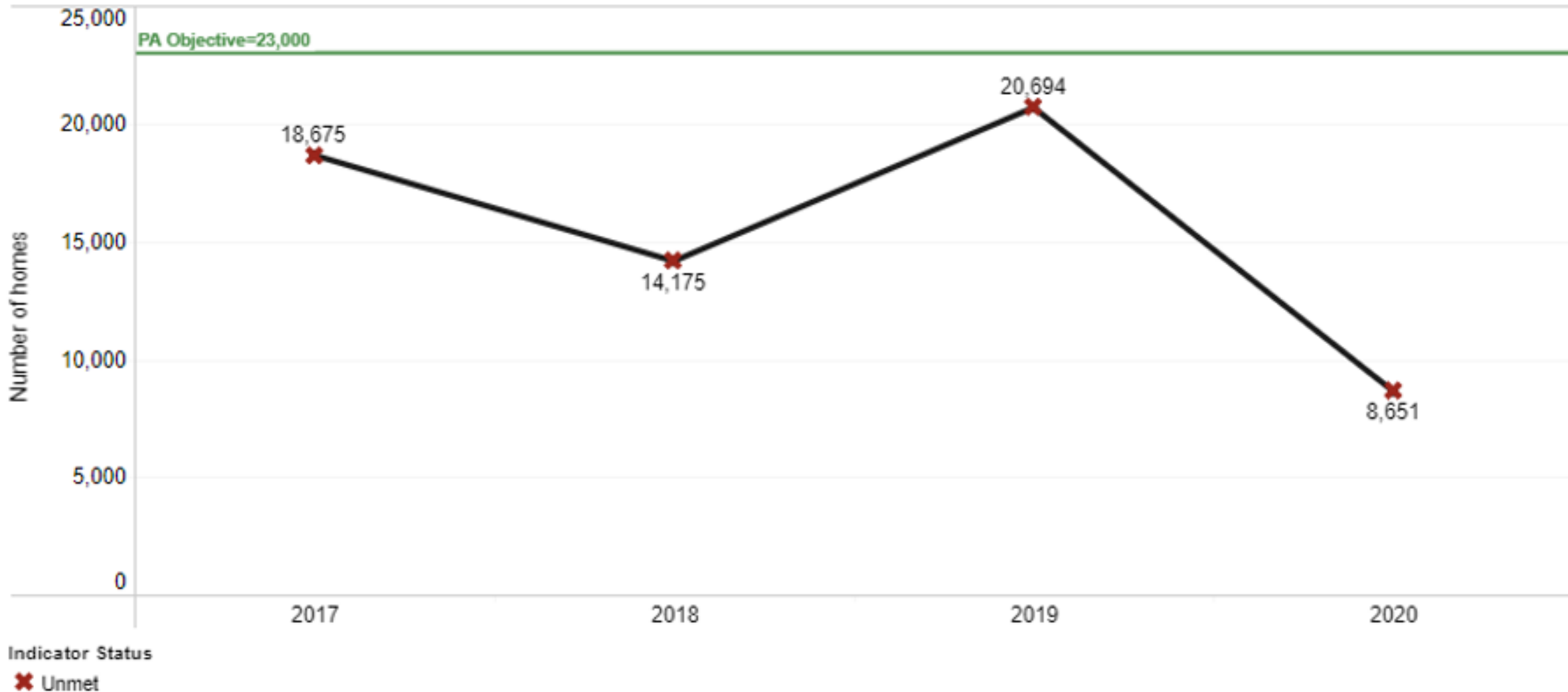


Quartile (Q) Distribution

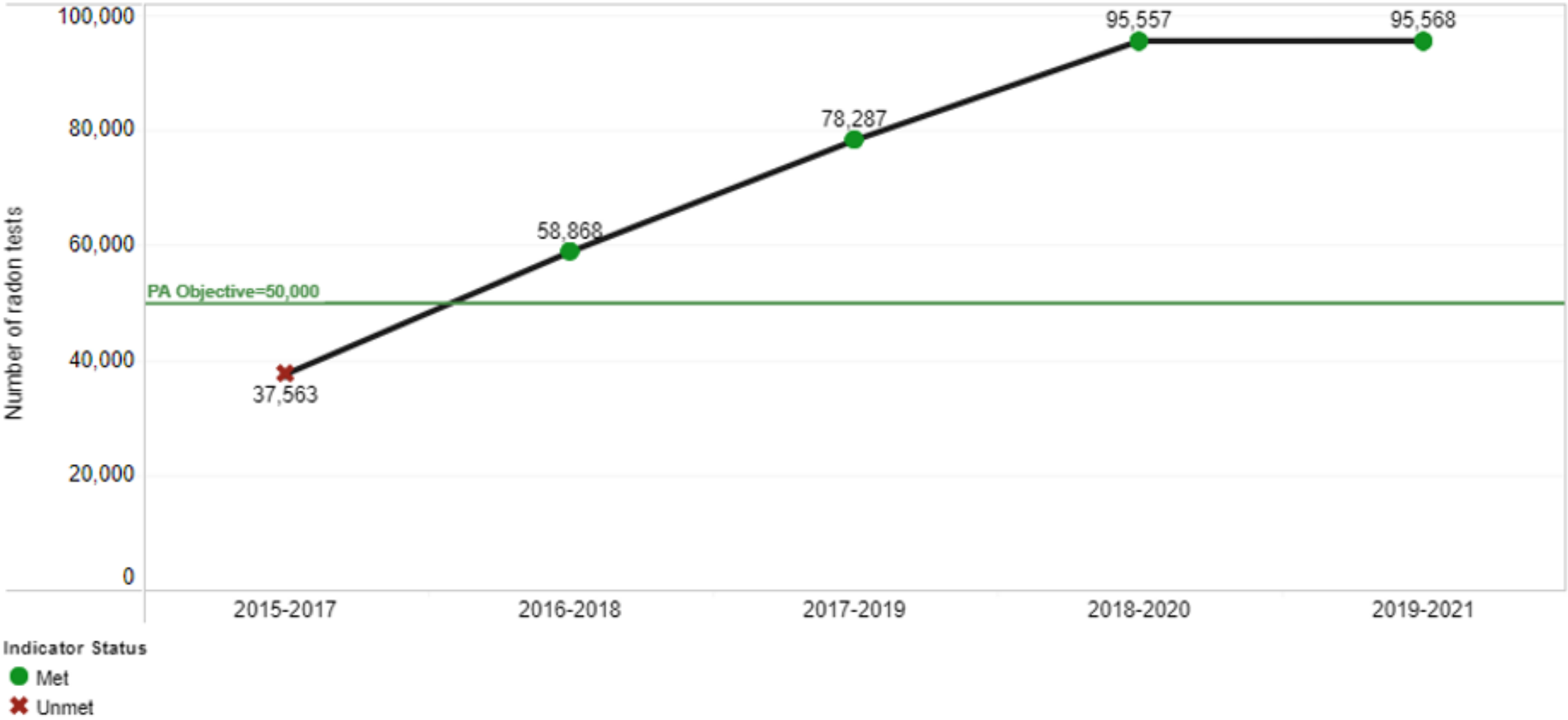
High Concern	Q1: 0.0 -< 3.2
Moderate Concern	Q2: 3.2 -< 44.1
Low Concern	Q3 - Q4: 44.1 - 100.0

Data Source: NYS Prevention Agenda Dashboard

# Number of homes inspected for lead and other health hazards, New York State



# Number of radon tests performed per year, three-year average, New York State



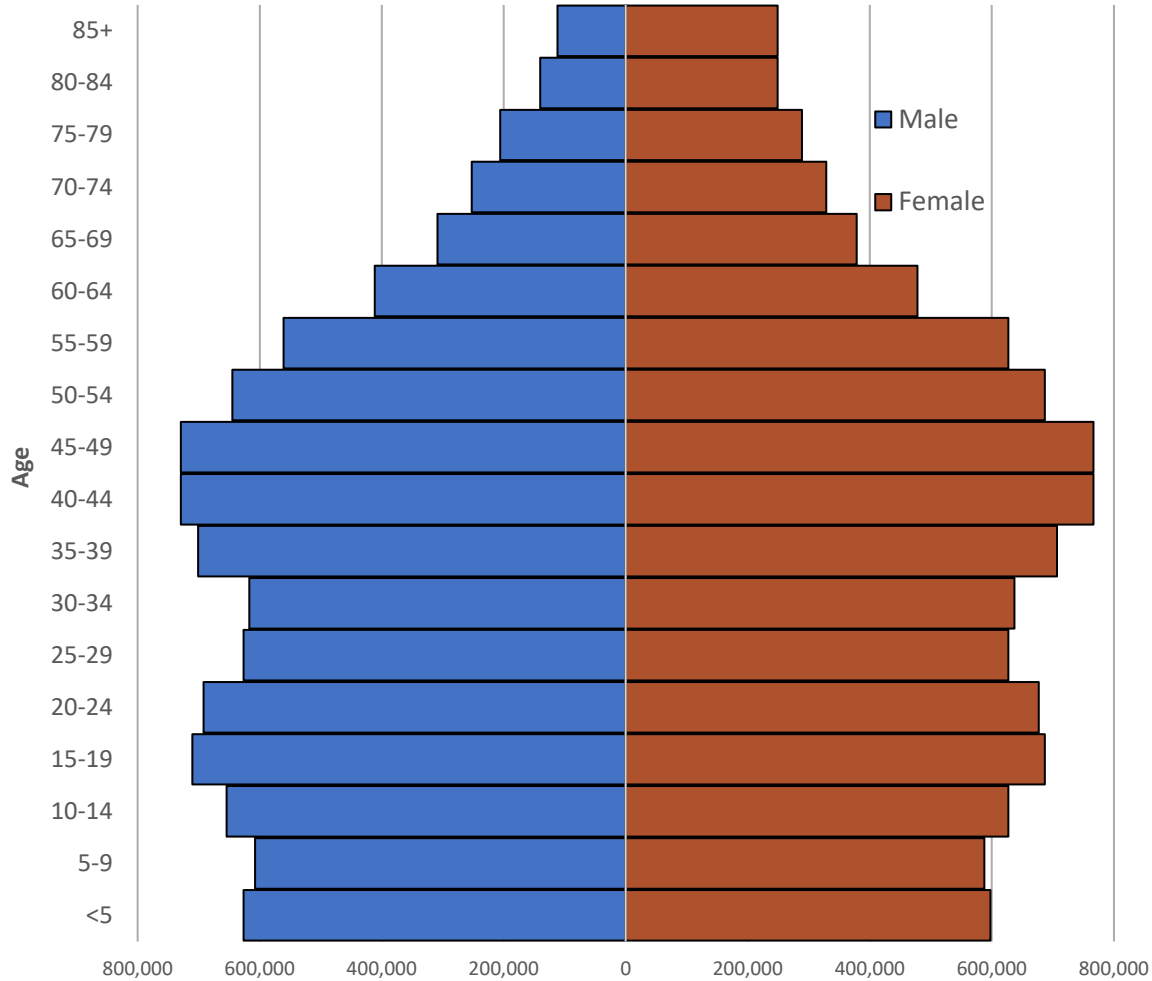
Data Source: Dataset per 10 NYCRR Part 16.130(b)(3), data as of October 2022

# **Social and community context**

- Population metrics
- County health rankings
- Depression and disability
- Social associations
- Neighborhood safety

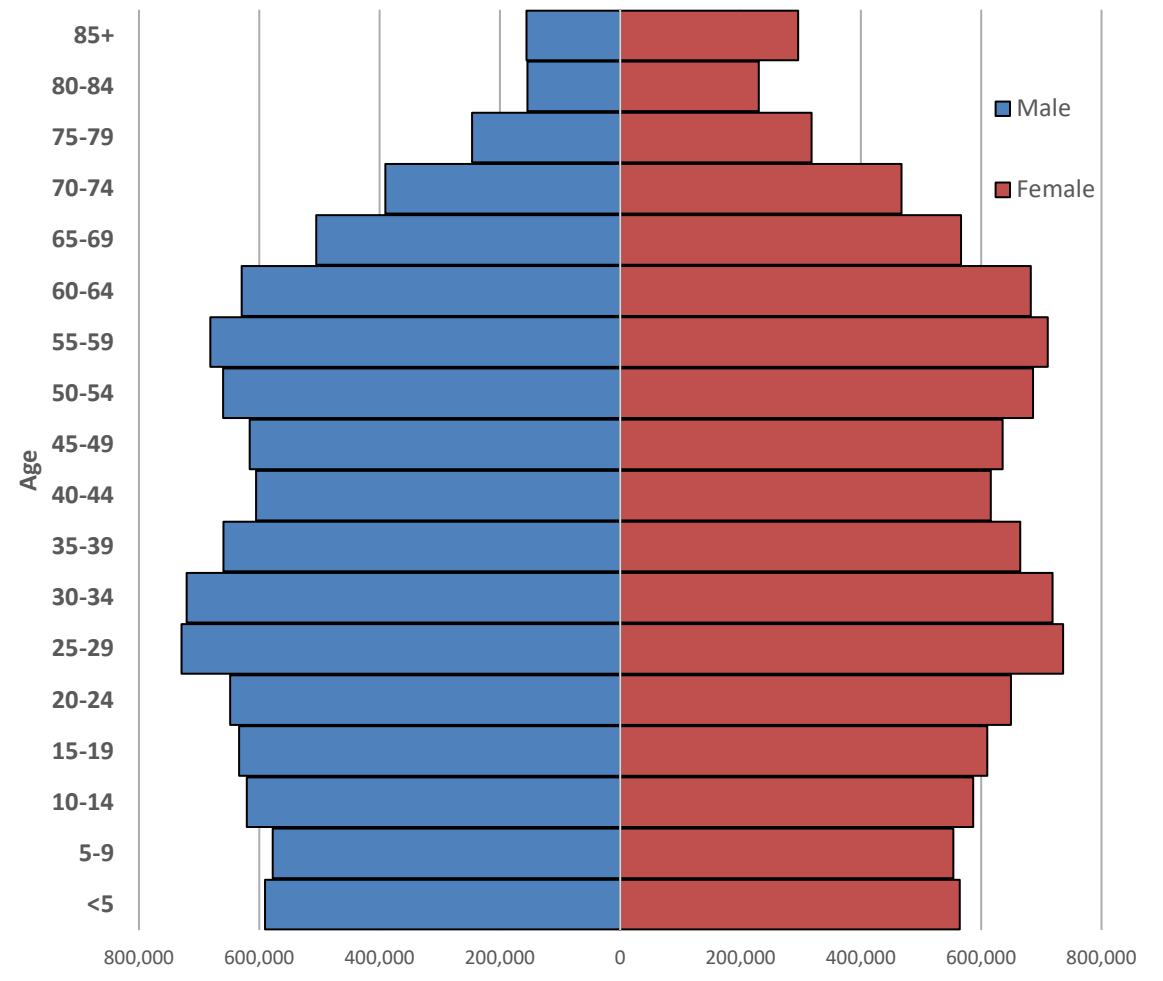
# Population distribution by age and sex, New York State, 2006 and 2021

Median age: 37.4



New York State 2006

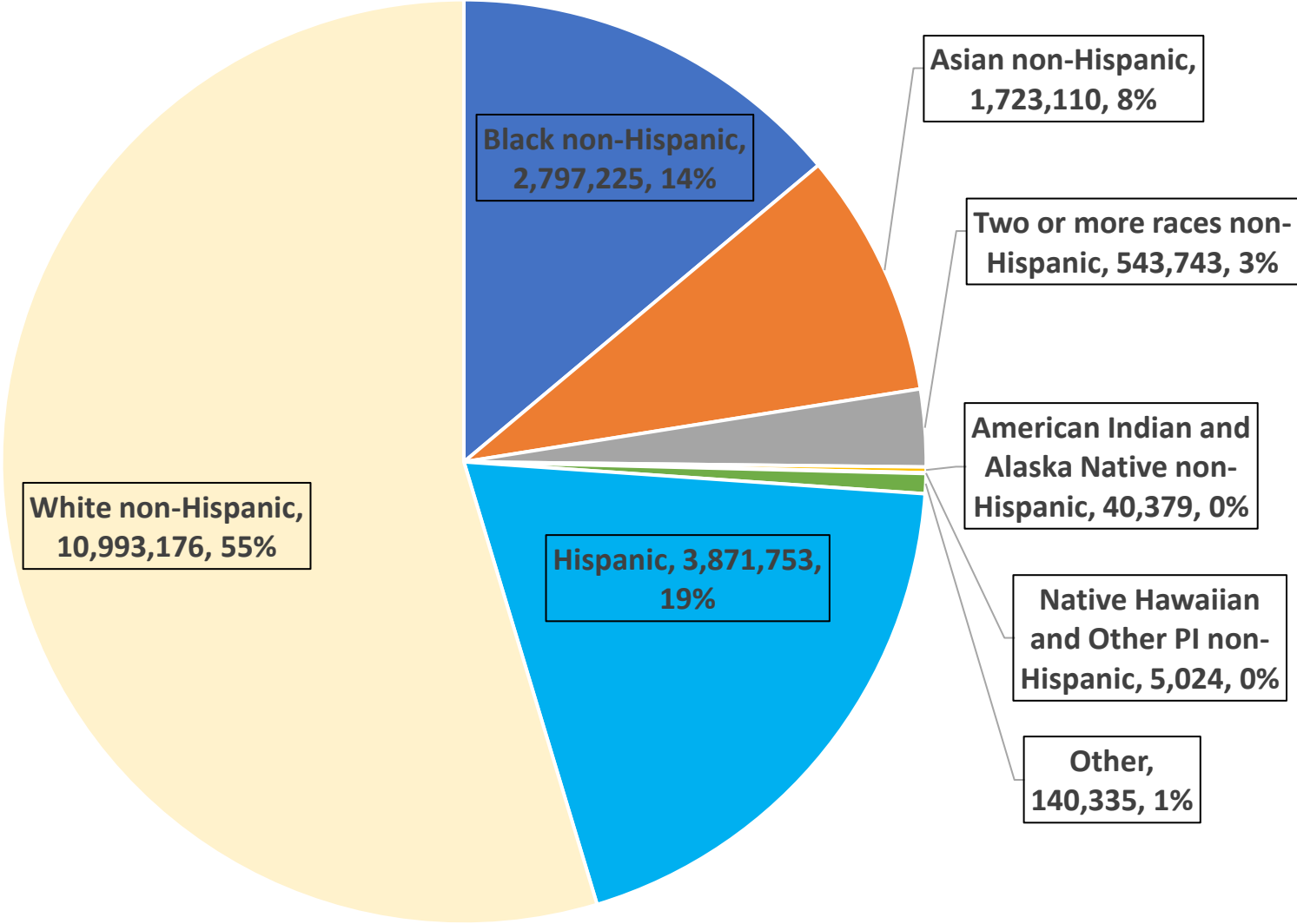
Median age: 39.2



New York State 2021

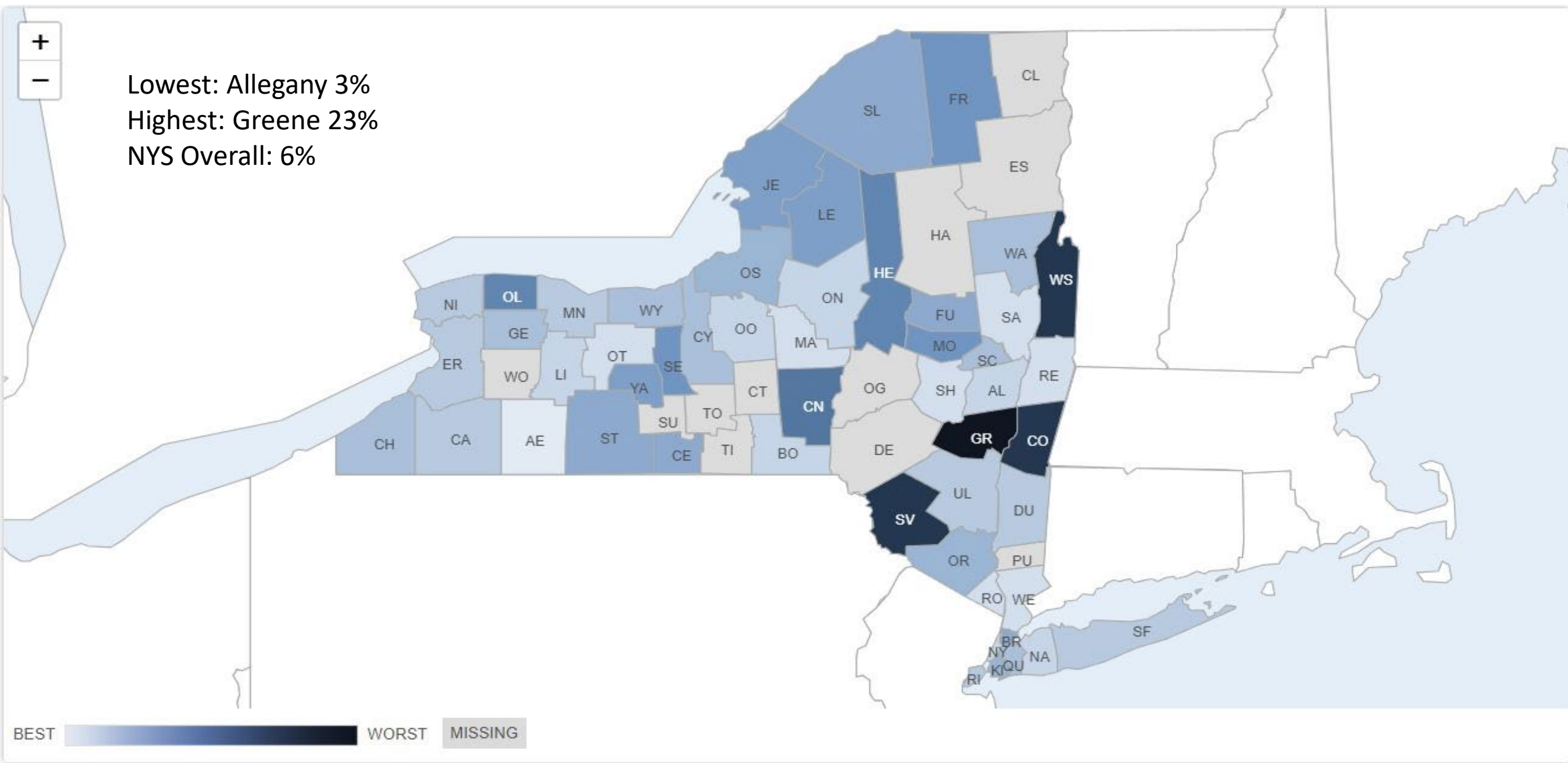


# Population by race and Hispanic origin, New York State, 2021



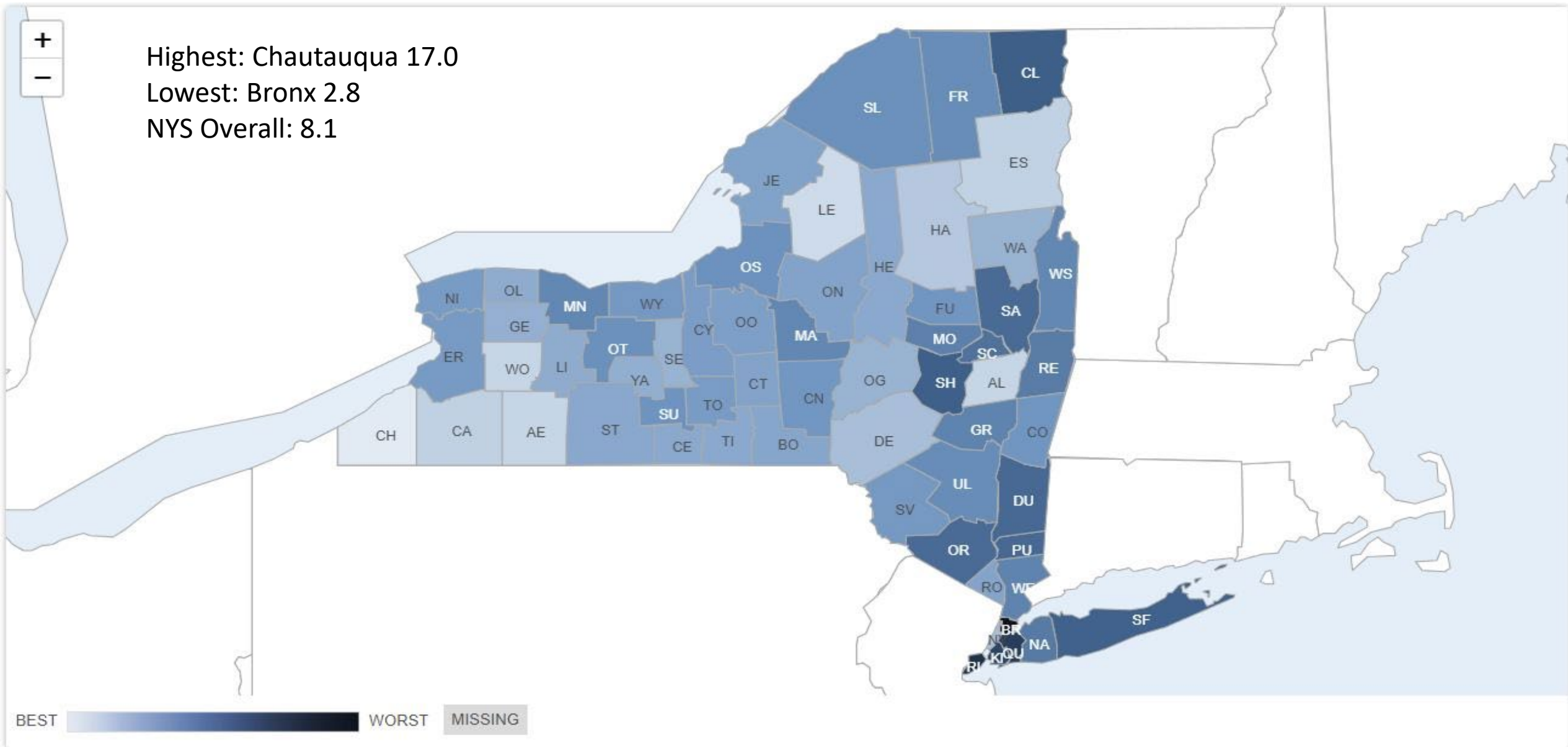
Data Source: US Census Bureau, American Community Survey, 2017-2021

# Percentage of disconnected youth, New York State county rankings, 2022



Data Source: County Health Rankings, 2022.

# Social associations per 10,000 population, New York State county rankings, 2022

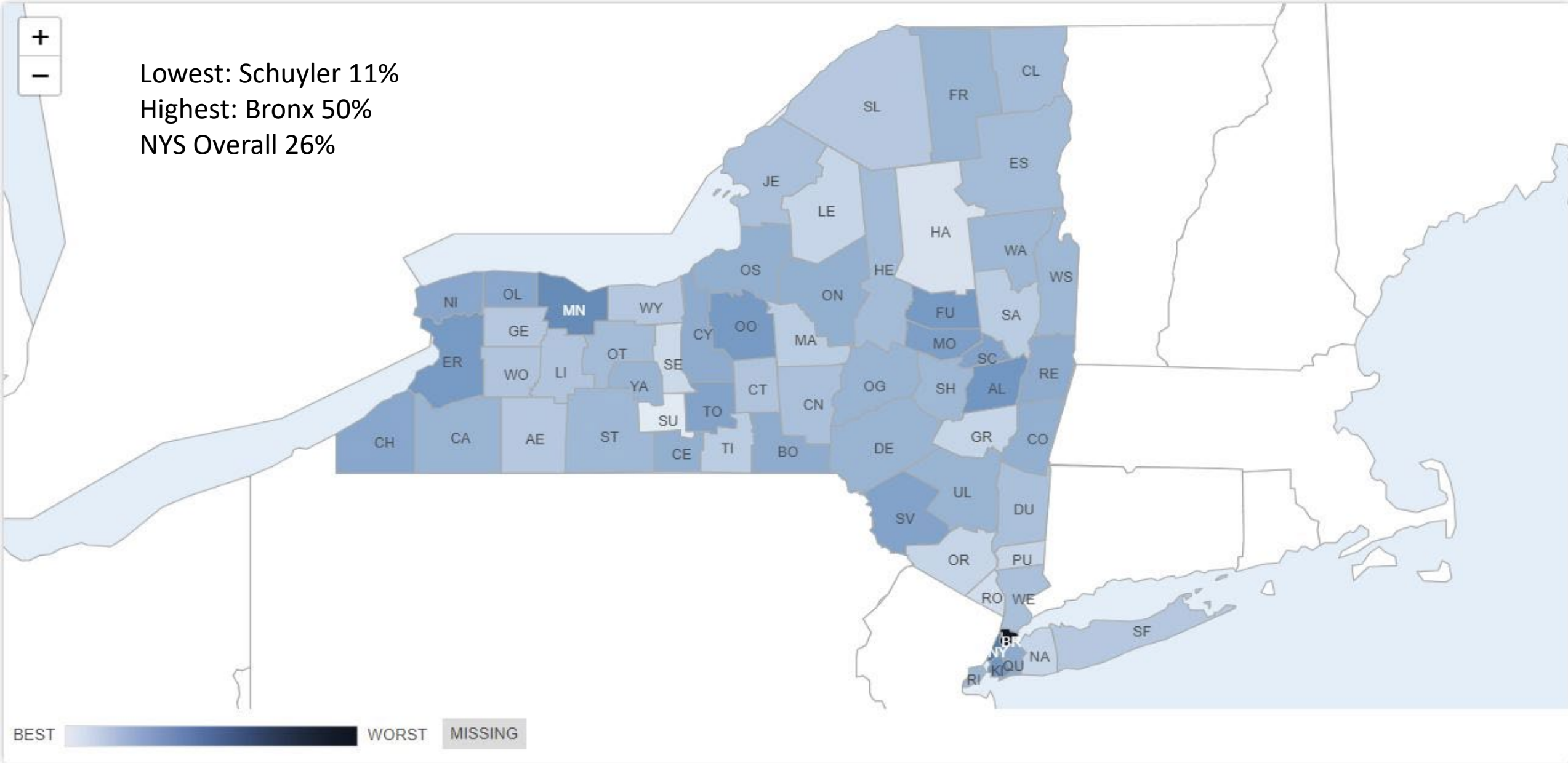


Data Source: County Health Rankings, 2022.

# Percentage of children in single parent households, New York State county rankings, 2022

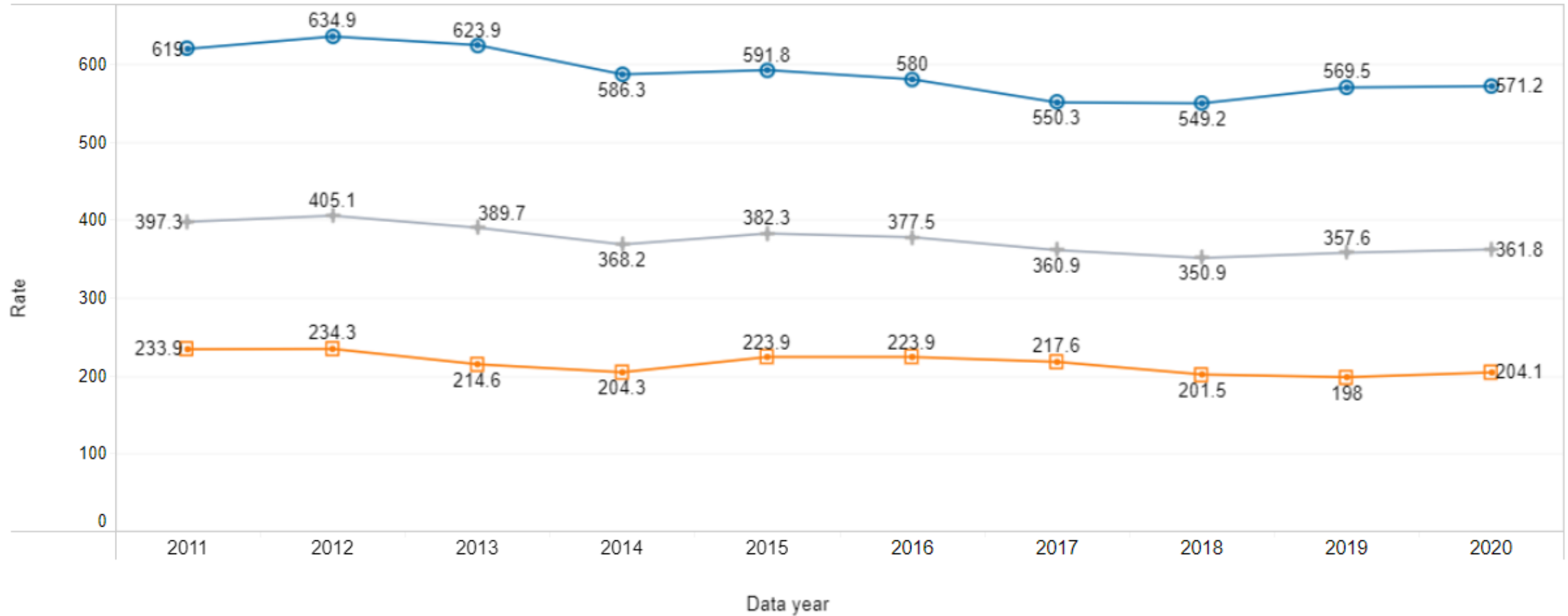


Lowest: Schuyler 11%  
Highest: Bronx 50%  
NYS Overall 26%



Data Source: County Health Rankings, 2022.

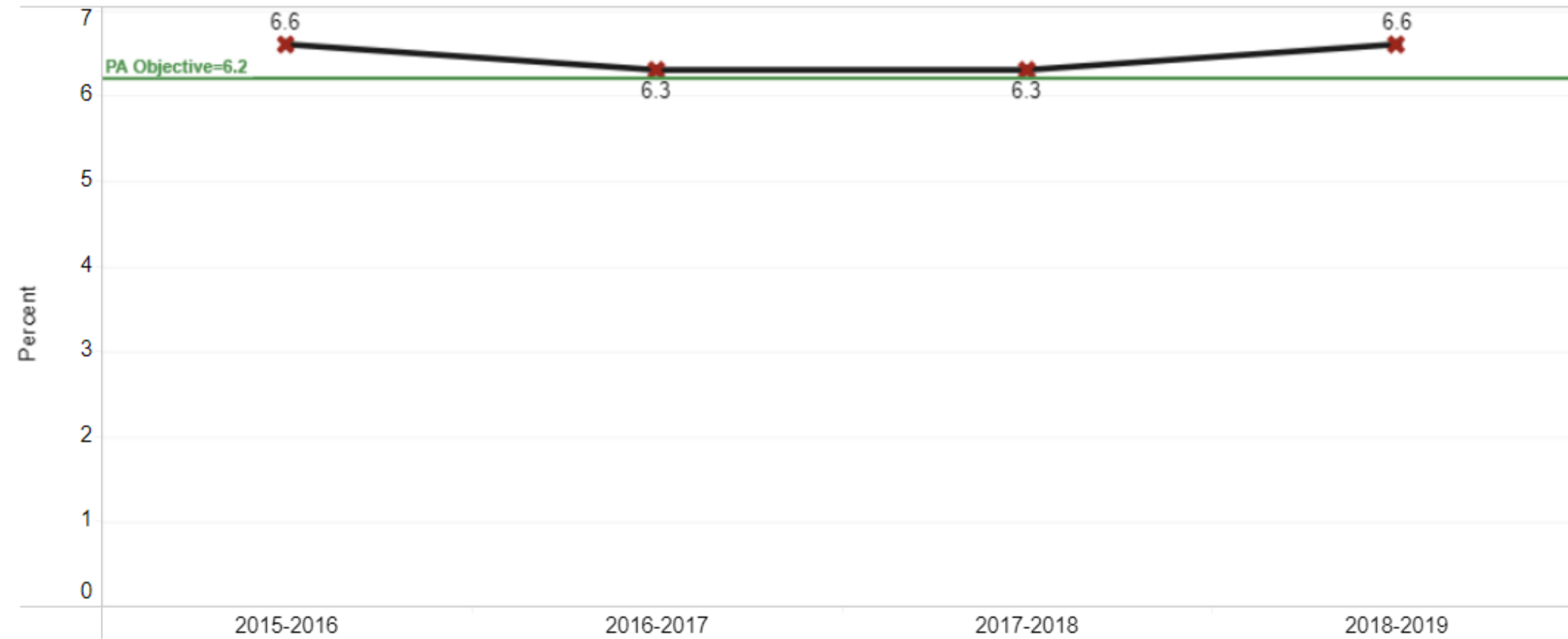
# Violent crime, rate per 100,000 population, New York State, 2011-2020



**Regions**  
 ○ NYC  
 □ NYS excl. NYC  
 + NYS

New York State adapted FBI's expanded definition of rape in 2015. Data for 2015-and-forward should not be compared with data for 2014-and-prior. The 2018 population estimates are used to calculate rates for 2019 and beyond.

# Percentage of adults with major depressive episodes during the past year, New York State, two-year averages, 2015-2019



Data Year	Percent
2015-2016	6.6 (5.7-7.6)
2016-2017	6.3 (5.5-7.2)
2017-2018	6.3 (5.5-7.3)
2018-2019	6.6 (5.7-7.5)

Indicator Status

✘ Unmet

# **Education access and quality**

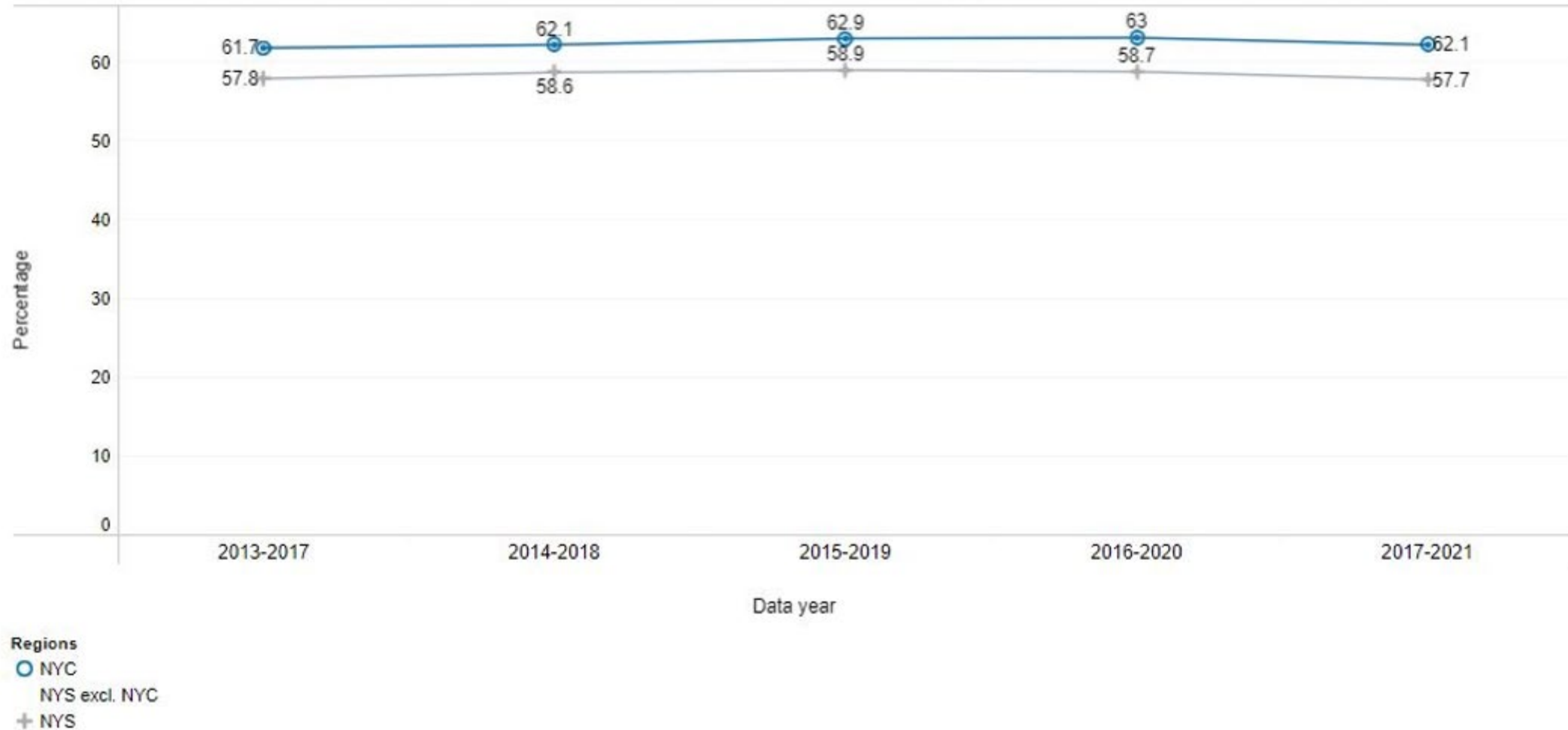
- High school dropout
- College degrees
- Language access
- Early childhood education

## Selected education access and quality metrics, by race and ethnicity, New York State

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Percentage of high school students who dropped out (2021-2022)	4.0%	9.8%	4.0%	12.2%	7.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	44.7%	25.2%	48.3%	21.0%	38.1%
Percentage of population who speak English less than very well (2017-2021)~	4.5%	6.2%	41.3%	32.9%	6.7%



# Percentage of children aged 3 to 4 years old who enrolled in schools among population aged 3 to 4 years old, five-year averages, New York State and New York City, 2013-2021

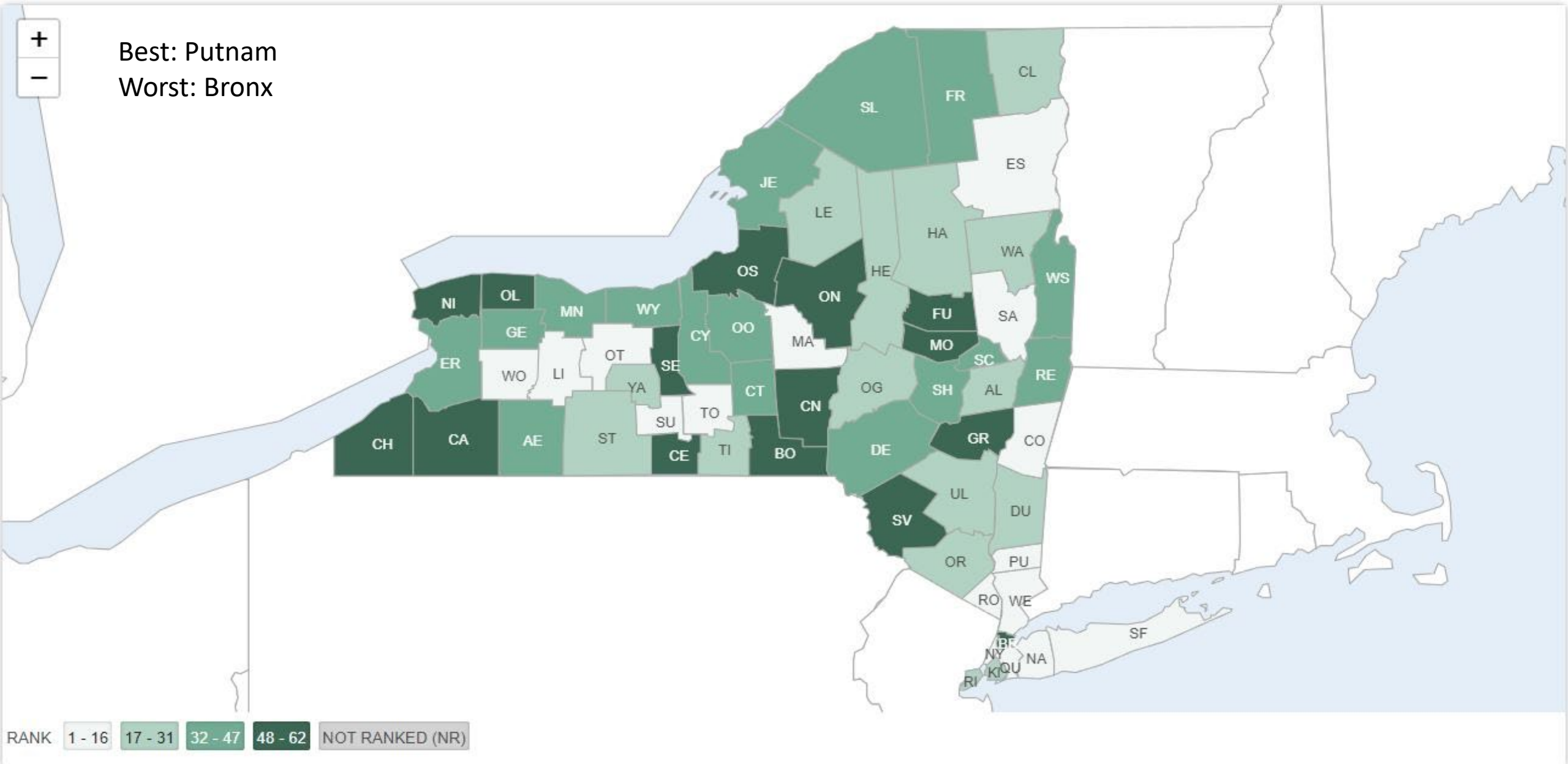


# THANK YOU!



# Supplemental slides

# Composite county health rankings, New York State, 2022.



Data Source: County Health Rankings, 2022.

# Selected social and community characteristics, by Race/Ethnicity, New York State, 2017-2021

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Percentage of population with a disability (2017-2021)~	12.1%	12.8%	6.9%	11.4%	11.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	11.2	49.5	6.7	25.2	19.1

# Obesity and leisure time physical activity among adults, New York State, 2016-2021

<b>Year</b>	<b>Percentage of adults with obesity</b>	<b>Percentage of adults who report leisure time physical activity</b>
2016	25.5	73.7
2017	25.7	72.8
2018	27.6	76.2
2019	27.1	72.8
2020	26.3	74.4
2021	29.1	74.2

## Selected economic metrics, New York State, and United States, 2017-2021

Indicator	New York State	United States
Median gross rent	1390	1697
Percentage of Individuals Living at or below 200% poverty	28.4	29.2
Percentage of Families Living at or below 200% poverty	22.8	23.0
Percentage of household on food stamps	14.3	11.4
Percentage of household receiving public income	3.4	2.6

## Percentage of the population uninsured, New York State, aged <19, and aged <65, 2021

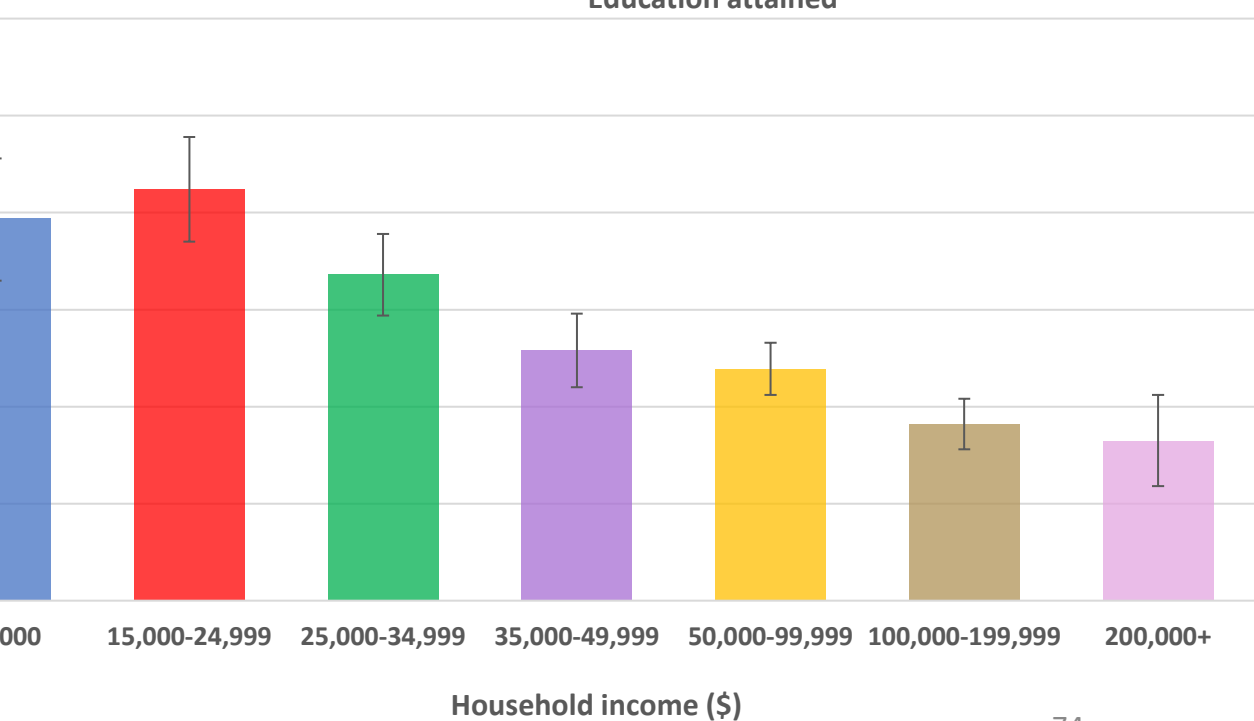
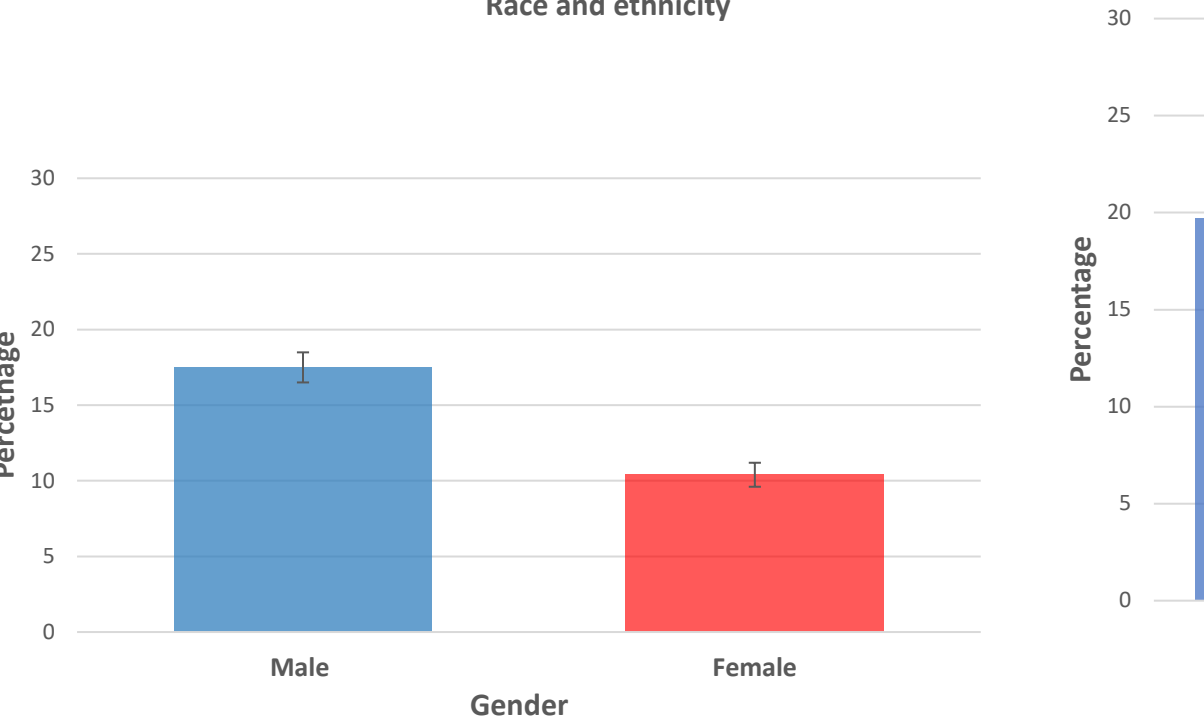
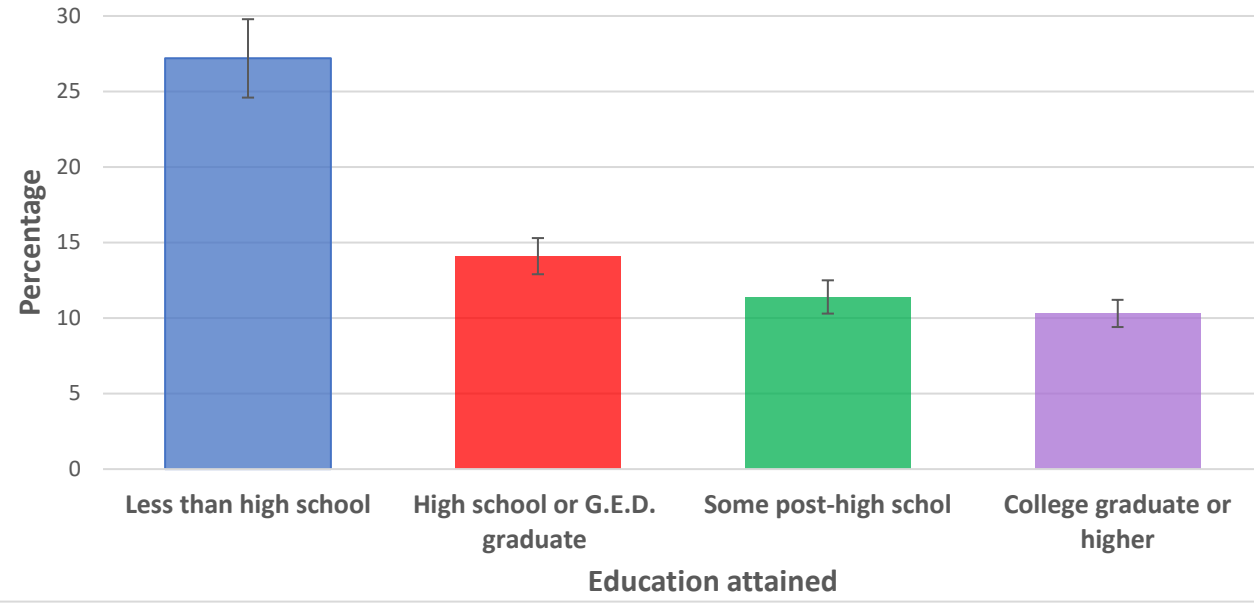
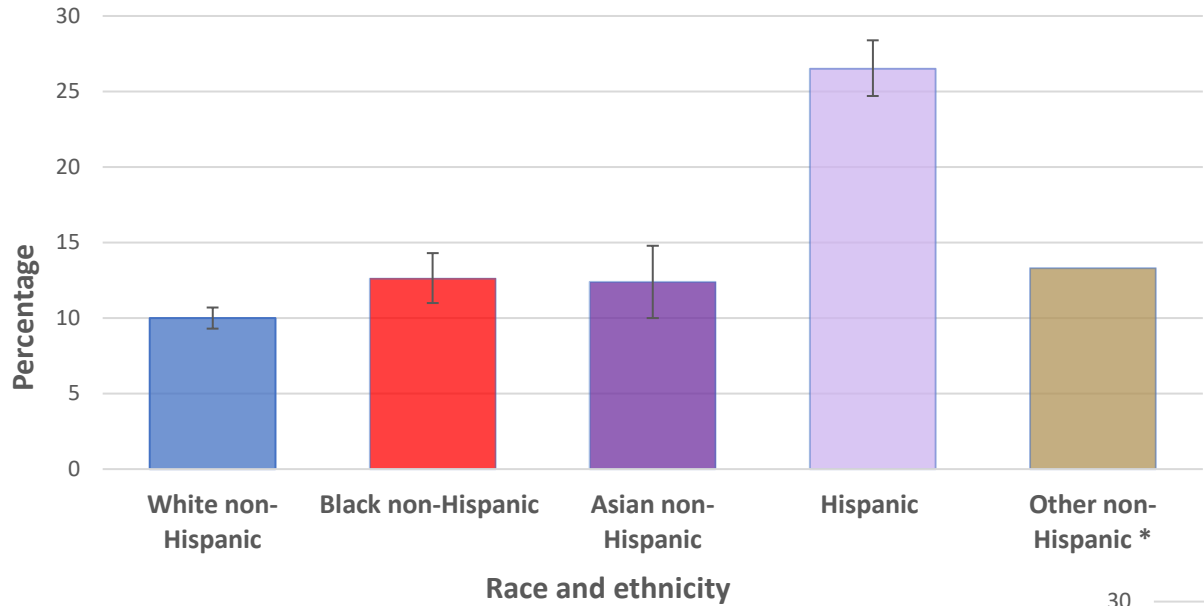
Indicator	New York State	United States
Percentage uninsured, aged <65 years	6.1	10.2
Percentage uninsured, aged <19 years	2.6	5.3



## Healthcare providers per 100,000 population, New York State and United States, 2022.

Indicator	New York State	United States	National Rank
Number of active primary care providers (including general practice, family practice, obstetrics and gynecology, pediatrics, geriatrics, internal medicine, physician assistants and nurse practitioners) per 100,000 population	313.2	265.3	9th
Number of psychiatrists, psychologists, licensed clinical social workers, counselors, marriage and family therapists and advanced practice nurses specializing in mental health care per 100,000 population	346.7	305	17th
Number of general dentists and advanced practice dental therapists per 100,000 population	68.3	60.6	11th

# Doesn't have a regular healthcare provider by race, education, gender, and income , New York State, 2021



# Progress for Individual Indicators

- By priority area:
  - Improve Health Status and Reduce Health Disparities
  - Prevent Chronic Diseases
  - Promote a Healthy and Safe Environment
  - Promote Healthy Women, Infants, and Children
  - Promote Well-Being and Prevent Mental and Substance Use Disorders
  - Prevent Communicable Diseases

# Indicators that have been met

## Improve Health Status and Reduce Health Disparities

- Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000

## Prevent Chronic Diseases

- Prevalence of combustible cigarette use by high school age students
- Percentage of adults who receive a colorectal cancer screening based on the most recent guidelines, aged 50-64 years
- Asthma emergency department visits, rate per 10,000, aged 0-17 years

## Promote a Healthy and Safe Environment

- Percentage of population living in a certified Climate Smart Community
- Percentage of people who commute to work using alternate modes of transportation (e.g., public transportation, carpool, bike/walk) or who telecommute
- Number of homes tested per year for radon, three-year average
- Number of homes mitigated per year for radon, three-year average
- Number of public water systems per year that were awarded infrastructure improvement assistance, three-year average
- Number of counties with mapped waterbodies detailing contamination
- Percentage of foodborne outbreaks where contributing factors were identified

# Indicators that have been met

## Promote Healthy Women, Infants, and Children

- Percentage of women with a preventive medical visit in the past year, aged 45+ years
- Percentage of women who report that a health care provider asked them about depression symptoms at a postpartum visit
- Newborns with neonatal withdrawal symptoms and/or affected by maternal use of drugs of addiction (any diagnosis), crude rate per 1,000 newborn discharges
- Percentage of children who received a developmental screening using a parent-completed screening tool in the past year, aged 9-35 months
- Percentage of families participating in the Early Intervention Program who meet the state's standard for the NY Impact on Family Scale
- Percentage of children with special health care needs whose families report that they receive care in a well-functioning system, aged 0-17 years

## Promote Well-Being and Prevent Mental and Substance Use Disorders

- Percentage of high school students reporting alcohol use on at least one day in the last 30 days
- Patients who received at least one buprenorphine prescription for opioid use disorder, age-adjusted rate per 100,000 population
- Opioid analgesic prescription, age-adjusted rate per 1,000 population
- Indicated reports of abuse/maltreatment, rate per 1,000 children - aged 0-17 years

## Prevent Communicable Diseases

- Percentage of 13-year-old adolescents with a complete HPV vaccine series
- Gonorrhea diagnoses, age-adjusted rate per 100,000 population
- Chlamydia diagnoses, age-adjusted rate per 100,000 population
- Early syphilis diagnoses, age-adjusted rate per 100,000 population
- Number of individuals with a syringe transaction at an AIDS Institute-registered syringe exchange program

# Indicators that have not been met and are worsening

## Improve Health Status and Reduce Health Disparities

- Percentage of premature deaths (before age 65 years)
- Percentage of premature deaths (before age 65 years) difference in percentages between black non-Hispanics and White non-Hispanics
- Adults who have a regular health care provider, age-adjusted percentage

## Prevent Chronic Diseases

- Percentage of children with obesity, among children aged 2-4 years participating in the WIC program
- Percentage of children and adolescents with obesity (New York State outside New York City)
- Utilization of smoking cessation benefits among smokers who are enrolled in Medicaid
- Percentage of Medicaid Managed members (aged 5-18) with persistent asthma having and asthma medication ratio of 0.50 or greater

## Promote a Healthy and Safe Environment

- Assault-related hospitalizations, rate per 10,000 population
- Assault-related hospitalizations, ratio of rates between Black Non-Hispanics and White non-Hispanics
- Assault-related hospitalizations, ratio of rates between Hispanics and White non-Hispanics
- Firearm assault-related hospitalizations, rate per 10,000 population
- Crash-related pedestrian fatalities, rate per 100,000 population
- Annual number of days with AQI >100 (unhealthy level of ozone or particulate matter)

# Indicators that have not been met and are worsening

## Promote Healthy Women, Infants, and Children

- Maternal mortality, rate per 100,000 live births
- Percentage of births that are preterm
- Percentage of infants who are exclusively breastfed in the hospital
- Percentage of infants supplemented with formula in the hospital among breastfed infants
- Percentage of infants who received diagnostic hearing test after failing most recent hearing screening

## Promote Well-Being and Prevent Mental and Substance Use Disorders

- Frequent mental distress during the past month among adults, age-adjusted percentage
- Binge drinking during the past month among adults, age-adjusted percentage
- Overdose deaths involving any opioids, age-adjusted rate per 100,000 population
- Emergency department visits (including outpatients and admitted patients) involving any opioid overdose, age-adjusted rate per 100,000 population
- Percentage of adults who have experienced two or more adverse childhood experiences (ACEs)
- Percentage of adults with major depressive episodes during the past year
- Percentage of adolescents with major depressive episodes during the past year - aged 12-17 years

## Prevent Communicable Diseases

- Percentage of 24-35-month old children with the 4:3:1:3:3:1:4 immunization series

# Indicators that have not been met, but are improving

## Improve Health Status and Reduce Health Disparities

n/a

## Prevent Chronic Diseases

- Percentage of adults who had a test for high blood sugar or diabetes within the past three years, aged 45+ years

## Promote a Healthy and Safe Environment

- Hospitalizations due to falls among adults, rate per 10,000, aged 65+

## Promote Healthy Women, Infants, and Children

- Percentage of women who report ever talking to a health care provider about ways to prepared for a healthy pregnancy, aged 18-44 years
- Maternal mortality, ratio of rates between Black non-Hispanics and White non-Hispanics
- Percentage of very low birthweight infants born in a hospital with a level 3+ NICU
- Percentage of infants enrolled in WIC who are breastfed at 6 months among all WIC infants
- Suicide mortality among youth, rate per 100,000, aged 15-19 years
- Percentage of residents served by community water systems that have optimally fluoridate water



# Indicators that have not been met, but are improving

## Promote Well-Being and Prevent Mental and Substance Use Disorders

- Opportunity Index Score
- Economy Score
- Community Score
- Percentage of adults who smoke cigarettes among adults with serious mental illness

## Prevent Communicable Diseases

- Difference in the 4:3:1:3:3:1:4 immunization series coverage by federal poverty level
- Percentage of all persons living with diagnosed HIV who receive care with suppressed viral load
- Cumulative number of Medicaid enrollees treated for HCV

# Indicators that have not been met, and are statistically unchanged

## Improve Health Status and Reduce Health Disparities

- Premature deaths (deaths before age 65), difference in percentages between Hispanics and White non-Hispanics
- Potentially preventable hospitalizations among adults, difference in age-adjusted rates per 10,000 between Black non-Hispanics and White non-Hispanics
- Potentially preventable hospitalizations among adults, difference in age-adjusted rates per 10,000 between Hispanics and White non-Hispanics
- Percentage of adults with health insurance, aged 18-64 years

## Prevent Chronic Diseases

- Percentage of children and adolescents with obesity (New York City)
- Percentage of adults with obesity
- Percentage of adults with annual household income less than \$25,000 with obesity
- Percentage of adults with annual household income less than \$25,000 with perceived food security
- Percentage of adults with annual household income less than \$25,000 who consume one or more sugary drinks per day
- Percentage of adults who participate in leisure-time physical activity
- Percentage of adults who participate in leisure-time physical activity, aged 65+ years
- Percentage of high school students who are physically active
- Prevalence of vaping product use by high school ages students
- Prevalence of cigarette smoking among adults
- Prevalence of adults who smoke cigarettes among adults with income less than \$25,000
- Percentage of non-smoking adults, living in multi-unit housing, who were exposed to secondhand smoke in their homes
- Percentage of adults with an annual household income less than \$25,000 who received colorectal cancer screening, aged 50-75 years
- Percentage of adults with an annual household income less than \$25,000 who had a test for high blood sugar or diabetes within the past three years, aged 45+ years
- Percentage of adults with hypertension who are currently taking medicine to manage their high blood pressure
- Percentage of adults with chronic conditions who have take a course or class to learn how to manage their condition

# Indicators that have not been met, and are statistically unchanged

## Promote a Healthy and Safe Environment

- Assault related hospitalizations, ratio of rates between low-income zip codes and non low income zip codes
- Percentage of registered cooling towers in compliance with 10 NYCRR Subpart 4-1

## Promote Healthy Women, Infants, and Children

- Percentage of women with a preventive medical visit in the past year, aged 18-44 years
- Infant mortality, rate per 1,000 live births
- Percentage of infants who are exclusively breastfed in the hospital among Black non-Hispanic infants

## Promote Well-Being and Prevent Mental and Substance Use Disorders

- Percentage of high school students who attempted suicide one or more times during the past year
- Suicide mortality, age-adjusted rate per 100,000 population

## Prevent Communicable Diseases

- Newly diagnosed HIV cases, rate per 100,000 population