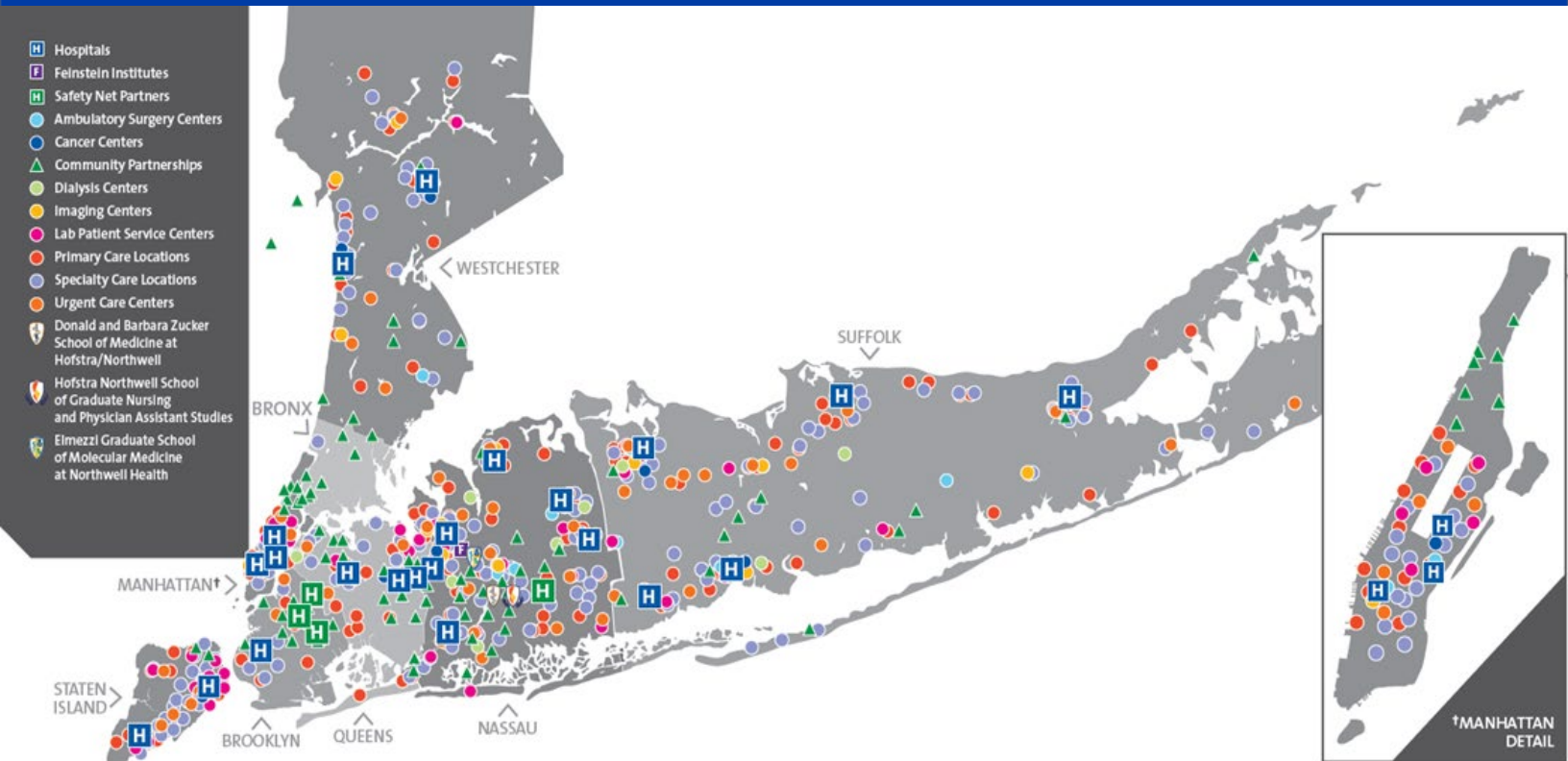


Northwell Health

Community Health Needs Assessment 2022 – 2024

Nassau County

Encompasses the following Northwell Health Hospitals:
Glen Cove Hospital, LIJ Valley Stream Hospital, North Shore
University Hospital, Plainview Hospital, Syosset Hospital



About Northwell Health

Northwell Health is New York State's largest healthcare provider that cares for over two million people annually in the New York metropolitan region. Northwell operates 21 hospitals across 13 campuses, 830 outpatient facilities and has more than 16,600 affiliated physicians on its medical staff, 4,200+ of which are members of Northwell's multi-specialty physician's group. Northwell is also home to the Feinstein Institutes for Medical Research, and we train the next generation of medical professionals at the innovative Zucker School of Medicine at Hofstra/Northwell, and the Hofstra Northwell School of Nursing and Physician Assistant Studies.

Northwell has a long-standing commitment to providing exceptional care and investing in our most vulnerable and underrepresented communities. We have developed an extensive network of community partnerships to impact the health and well-being of the diverse communities we serve.

Our goal is to measurably improve health and wellness in the communities we serve and to provide the highest quality of care for all regardless of race, ethnicity, cultural background, language proficiency, literacy, age, gender, gender identity, sexual orientation, religion, disability, geographic location, or socioeconomic status. Northwell's integrated community and population health strategy includes data-driven approaches to screening for and addressing non-medical factors (social determinants of health). In doing so, our purpose is to empower the communities we serve to eliminate disparities and create sustainable change. This work is aligned with the Surgeon General's National Prevention strategy, and we believe is fundamental to delivering the highest quality of care to all.

The following section details the efforts of our needs assessment process for the CHNA 2022-2024 cycle. Northwell conducted both primary and secondary analysis efforts and actively engaged in efforts to listen to our communities, so as to better understand and identify their significant health needs. This report was prepared to better inform our leaders, partners, and stakeholders across the communities we serve on our approach to identify the significant health needs of our communities and alignment with the New York State Prevention Agenda Priority and Focus Areas.

Northwell Health is committed to serving our vulnerable populations to improve our communities and meet the New York State Prevention Agenda Objectives.

Northwell Health Community Health Needs Assessment 2022 - 2024

Methodology and Analysis

The purpose of the CHNA is to understand the significant health needs and priorities of those who live, play and work in the communities we serve. The Northwell Health CHNA Steering Committee began the needs assessment process for the CHNA 2022-2024 cycle in February of 2022. Our process was guided by the framework we adapted from the American Hospital Association's Community Health Improvement, Health Needs Assessment Toolkit.

Our assessment incorporated information through both primary and secondary sources. Primary analysis efforts consisted of a series of focus groups conducted with 80 community leaders across our service area. In partnership with the Greater New York Hospital Association, we also designed and implemented a health survey which was released to our community members, patients, and families through various points of care across our health system.

A secondary analysis was also collected to understand the demographics and health outcomes of each of the counties that make up our service area. The type of data that was collected and analyzed were measures of incidence, prevalence, rates of hospitalizations mortality, trends in health behaviors, the use and access of healthcare resources, and other relevant social determinants of health factor, all of which contributed to the identification of significant health needs of the communities we serve and Northwell's alignment with the NYSDOH Prevention Agenda.

The sources utilized for the secondary analysis of the CHNA are publicly available. A brief list of the resources are as follows:

- NYSDOH Community Health Indicator Reporting System (NYS CHIRS),
- NYSDOH Prevention Agenda (NYSDOHPA)
- NYSDOH Perinatal Data Profile
- NYSDOH Statewide Planning and Research Cooperative System (SPARCS)
- NYSDOH Leading Causes of Death
- CDC/NVSS Life Expectancy Tables
- NYSDOH Cancer Registry
- CDC/ATSDR Social Vulnerability Index (SVI)

- County Health Rankings & Roadmaps
- US Census / American Community Survey
- NY DCJS Criminal Justice Statistics

Throughout the Needs Assessment process, special attention was given to vulnerable communities. This report synthesizes our efforts and our findings that inform the significant health needs we identified and prioritized in alignment with the New York State Prevention Agenda. Our prioritization and related efforts to address these health needs based on the findings in this appendix are documented in other aspects of our CHNA Report, namely the Northwell Health 2022-2024 Community Health Needs Assessment Summary Report, our Northwell Health Community Service Plans for each of our hospitals, and our Northwell Health 2022-2024 Community Health Needs Assessment Implementation Plan.

Northwell CHNA 2022-2024
Primary Analysis

CHNA 2022 – 2024 Focus Group Discussions

In the Spring of 2022, the Northwell CHNA Steering Committee conducted a series of focus group discussions (FGDs) to gain a better understanding of what the most significant health needs are for the service area. A total of six FGDs were conducted with a total of 80 community leaders across our service area. This research was designed to produce primary data to inform the Community Health Needs Assessment (CHNA) process and subsequent implementation plans for each Northwell hospital.

Methodology

The FGDs were conducted following a scripted, semi-structured discussion guide. One FGD was held for five of our six county service area: Queens, Nassau, Suffolk, New York, and Richmond. The FGDs were held both in-person and virtually through the use of a Zoom platform. Each FGD lasted for approximately 90 minutes, and two members of Northwell’s CHNA Steering Committee served as the primary facilitators for each FGD. For Westchester County, we convened two in-person “listening tours” at Northern Westchester Hospital. The listening tours were similar to a series of key-informant interviews with community leaders. The questions asked and information gathered about community health needs during the listening tour with community leaders in Westchester County, were similar to those of the FGDs with community leaders in the remaining five counties.

Participants were recruited through snowball sampling. For each FGD, one or two initial ‘seed’ participants who are community leaders within each county were identified. These participants then identified *additional* participants within their network who are also community leaders in the service area. This part of the sampling process was repeated until the desired range of 9-12 participants per group was achieved for most of the FGDs.

The criteria for participation in the FGD were:

- Age 18 or older
- Identified as a ‘community leader’ within the county
- Willing to participate in an audio (for in-person sessions) or video (for virtual sessions) recorded focus group discussion.

In order to hear a range of perspectives, the Northwell CHNA Steering Committee strove to include participants from a diverse cross-section of professional and demographic groups. Community participation and input through the FGDs were drawn from all sectors serving our communities. These included:

- Leaders of various community-based organizations
- Leaders from faith-based organizations
- County public health department officials and other public health leaders
- Federally Qualified Health Centers (serving low income and medically underserved populations)
- School-system administrative leadership (i.e.: superintendents)
- Community activists
- Law Enforcement Officials
- Business Leaders

Following a round of introductions, the Northwell CHNA Steering Committee led each discussion with the following open question:

“What do you see as the most pressing health concerns of the communities you serve?”

Each FGD was video- or audio-recorded and transcribed by a professional transcription service for accuracy. The transcript was then uploaded to a web-based data management and analysis software program called Dedoose, to facilitate analysis by the research team.

In order to analyze the transcript and its data systematically, we developed a comprehensive and thematic “codebook” of 54 items. The codes were drawn from the New York State Prevention Agenda Priority Areas followed by a grounded theory approach to generate additional codes based on the discussion itself.

The integrity of the data analysis was ensured in the following ways:

- Use of trained qualitative researchers
- Double-coding of each transcript
- Convening to discuss coding experiences and arrive to consensus of code applications.

To improve coding consistency, two team members blind coded the transcripts without conferring with their partner until their coding process was completed. The coding team for each transcript convened and resolved any discrepancies to produce a final version of the codebook for application and interpretation of the transcript. Consensus was reached by referring back to codebook.

Focus Group Considerations

We conducted one focus group discussion in each county of our service area. Taken together, these discussions revealed numerous thematic convergences across our highly diverse service area. Additionally, participants in each county FGD raised concerns that were heightened for, or specific to, their county. We intentionally recruited participants who worked in various sectors and were socio-demographically diverse. However, the information obtained was necessarily limited by the knowledge and opinion of the participants. Several participants served primarily poor or homeless clients. This may explain, in part, why the negative SDOH affecting poor communities were discussed extensively, including food insecurity, housing insecurity, and lack of transportation. Conducting more focus groups, perhaps with participants from the same neighborhoods, could have produced a broader and more nuanced understanding of the health needs of the diverse communities of Nassau County.

Worsening mental health & substance use

The most prominent theme to emerge from the FGDs was the urgent need to address worsening mental health in recent years. Several participants acknowledged that they raised mental health concerns in their communities for several years. However, there was consensus that the stress and social isolation of the COVID-19 pandemic rapidly accelerated these negative mental health trends. The FGD participants were particularly concerned about worsening mental health crises among children and adolescents. Several specified that cases were not being identified early enough, leading to more serious consequences. FGD participants also emphasized that they were seeing acute crises in children at a younger age than they ever had before the pandemic.

The FGDs participants also stressed that current resources within their communities were inadequate to meet the mental health needs of those they serve. Mental health resources were insufficient for not just the youth, but also for other vulnerable populations such as members of immigrant communities and backgrounds with limited English proficiency.

Community leaders also perceived an increased addiction to drugs and alcohol within their communities, largely exacerbated by the pandemic. While the participants identified alcohol and drug use as a problem, they also addressed the stigma of alcohol and substance use as being a factor that reduces access to healthcare resources by community members.

Disruptions to care for chronic conditions

In addition to the harm from COVID-19 itself, participants noted that preventative care and regular vaccinations fell off during the pandemic and have yet to fully rebound. Ongoing relationships with providers were disrupted as a result of the pandemic which disproportionately affected communities of color that have been burdened by chronic illnesses such as diabetes. Disruptions to routine visits to pediatricians, vaccinations, and connections to schools also particularly affected children.

Poverty is a driver of poor health

Participants—several of whom work with low-income clients—named poverty as a fundamental cause for poor health and health inequities. Community leaders drew connections between a constellation of unmet social needs and their negative community health consequences. In particular, they named housing insecurity, food insecurity, financial instability, and lack of transportation as persistent barriers to wellbeing, especially among individuals who struggle to get by on low incomes. All of these adverse social determinants of health were linked to poverty.

Significant need for access to healthy & nutritious food

Participants acknowledged that food insecurity has been widespread and worsening within their communities. With inflation and rising food prices, the demand for food assistance has considerably increased within the service area.

Housing

Lack of adequate housing and homelessness was repeatedly raised as an unmet health related social need within the series of FGDs. The challenges of substandard housing or severe housing problems, such as overcrowding, unaffordability, inadequate basic utilities such as cooking gas for extended periods of time, paired with rising costs, all worsened health conditions.

Transportation

The lack of transportation also came up as a common factor contributing to poor health and worsening access issues. Participants acknowledged that access to health services and healthy & nutritious foods were even more difficult to achieve due to poor public transportation infrastructure. Affordability challenges for car ownership or cab fares, paired with poor public transportation networks made it difficult to find adequate treatment and social services.

Undocumented communities

In addition to challenges faced generally by low-income communities, participants shared that individuals and families who were undocumented had a particularly hard time of obtaining health care and getting other basic needs met. This was largely due to a lack of necessary documentation such as medical insurance cards, work permits, or drivers' licenses. Many undocumented immigrants were also afraid to reach out and ask for health insurance because they were concerned it would affect their ability to remain in the country.

Technological challenges

The COVID-19 pandemic accelerated a trend towards telehealth visits for certain non-urgent care. In theory, conducting visits remotely via telehealth platforms could solve for lack of transportation to visits. However, participants raised concerns that poor digital literacy and lack of technological resources could also contribute to health inequities.

The following section highlights relevant quotations from our participants. The feedback is color-coded to reflect themes identified in alignment with the New York State Prevention Agenda Priority Areas.

Nassau County

Focus Group Participant Feedback

“Homelessness, food insecurities, and mental health are some top concerns individuals are facing. What we try to do is treat the whole person. The barriers don't just consist of just what we spoke about. It's an approach that covers all aspects of the patient's life. So, when the patient comes in, we try to do a prepared screening to find out what their needs are - not just for their health reasons, but for other reasons as well. We try to attack it and approach it in that way. We ask the patient "What are the top challenges in your life?" Because it's not what we may see on the outside. They may have something that's more important to them than what we think is important for them.”

For the first time I am having children in my shelters with very severe mental health issues that we didn't have before. We had the attempted suicide of a child which we never had, and I've been here a long time now.

“I think particularly in Hempstead, there has always been unaddressed mental health issues and substance use disorders. Also, financial needs and housing insecurities are a big need in our community.”

-  Promote Well-Being and Prevent Mental and Substance Use Disorders
-  Promote Healthy Women, Infants, and Children
-  Prevent Chronic Diseases
-  Promote a Healthy and Safe Environment
-  Prevent Communicable Diseases
-  Address Unmet Health Related Social Needs

CHNA 2022 – 2024 Community Health Survey

In collaboration with the Greater New York Hospital Association (GNYHA) and its member hospitals across the New York Metropolitan region, Northwell Health participated in the 2022 Community Health Survey. The purpose of the survey was to learn from members of the community about the health issues that are important to them in order to improve the health services that are available in their neighborhoods.

Methodology

Recruitment

The Community Health Survey was open to community participation between April 11th—June 30th, 2022. Inviting community members to participate in the survey was a collective effort undertaken by GNYHA members. At Northwell, we took a multi-pronged approach to seek participation among community members across our service area:

- **Patient Experience:** We emailed a participation request and the Community Health Survey link to all 48,000+ Northwell patients who completed our Press-Ganey Patient Experience survey from January 1st, 2022 through June 30th 2022.
- **Go Health:** We texted a participation request with the survey link to all 17,000+ patients seen in our network of Go Health urgent care practices during the survey period.
- **Innovare Kiosks:** We created an advertisement requesting participation with a QR code linking to the survey. The advertisement ran several times daily during the survey period on the 33 Innovare advertising and phone-charging kiosks located throughout the health system.
- **CBO Partnerships:** We reached out to over 180 community leaders with whom we partner to request that they distribute the survey to the communities they serve in our service area. They included leaders of community-based organizations, faith-based organizations, schools, and businesses, among others.
- **Community Events:** We distributed quarter-sheet flyers requesting participation with a QR code link to the survey at community events held by the OCPH during the survey period. These events included a health career fair, cancer screenings, food distributions, among others.
- **Website:** We posted a link to the survey on our public-facing Northwell Health website for the duration of the survey period.

Eligibility

Any community member living in our six-county hospital service area age 18 or older was eligible to participate. Respondents were asked to report their zip code on the survey. No personally identifying information (e.g., names, addresses, phone numbers, or email) were collected.

Sampling

The 2022 GNYHA CHNA Survey used a non-probability convenience sample. A web-based survey tool and a paper-based tools were used to collect the survey data. Participants who completed the survey online could use any Internet-enabled device. Surveys were available in the 11 most widely spoken languages in the New York Metropolitan area: English, Spanish, Chinese, Russian, Yiddish, Bengali, Korean, Haitian Creole, Italian, Arabic, and Polish. All data collected were self-reported by respondents.

Analysis

Initial summary data analysis was completed by GNYHA. Northwell conducted sub-analyses at the county level and for certain neighborhoods within our service area, in collaboration with GNYHA, in order to gain finer insight into the needs of our diverse communities.

Survey Considerations

The survey used a non-probability convenience strategy to recruit participants. Anyone who was 18+ years of age and lived within the survey area was eligible to participate. As a result, respondents differed from the general population in certain characteristics.

Among those who provided their demographic data, respondents were older, more female, predominantly white, more highly educated, and wealthier (households that made more than \$100,000 last year), than the average for the six-county service area. The survey respondents' demographics should be kept in mind when interpreting these findings.

CHNA 2022 – 2024 Community Health Survey

Survey Findings

The information below reflects the survey findings of all respondents within our six-county service area:

Respondent Demographics

- A total of 11,647 qualified respondents who were ages 18+ and lived within our six-county service area participated in the survey.
- Older individuals made up the majority of respondents. 85% (n=5,423) of respondents who reported their ages were 45 or older. However, 45% (n=5,299) of respondents did not report their age.
- The majority (67%) of respondents who reported their gender were women. 34% of respondents (n=3,943) did not indicate their gender or preferred not to say.
- Most (71%) respondents who reported their race/ethnicity indicated that they were White and non-Hispanic. 34% of respondents (n=3,909) did not indicate their race/ethnicity at all.
- College graduates comprised 67% of the respondents who chose to indicate the highest level of school they had completed.
- 44% (n=2,937) of those who specified their household income in the last year indicated that it was \$100,000 or more. 44% of all respondents did not respond to the income question. 47% (n=3,626) of those who indicated their current employment status were retired; 31% (n=2,347) were employed full-time for wages or salary.

The survey asked respondents to consider 21 different health issues and indicate how important each issue was to them on a five-point scale, ranging from 'Not at all' to 'Extremely'. Respondents were also asked to indicate how satisfied they were with the current services in their neighborhood to address each of the 21 health issues. Issues that were above average for respondents in terms of importance, yet below average in terms of respondents' satisfaction with current services to address the issue were designated as "Needs Attention". Based on the survey responses (issues ranked as above average importance but below average satisfaction), the following three conditions were determined to be needing attention for the six-county service area:

1. Violence (including gun violence)
2. Stopping falls among the elderly
3. Mental health/depression

The top 10 most important issues for respondents were as follows:

- Dental care
- Violence (including gun violence)

- Cancer
- COVID-19
- Heart disease
- Access to healthy/nutritious foods
- High blood pressure
- Stopping falls among elderly
- Mental health/depression
- Arthritis/disease of the joints

Respondents were also asked to indicate whether or not in the last 12 months they had experienced any of a series of SDOH-related issues. 49% (n=3,940) of those who answered the question said that their household expenses had increased. 39% (n=3,161) had experienced anxiety or depression. 29% (n=2,362) said that their medical expenses had increased.

Survey Findings for Nassau County

The following section details the summary of findings for respondents from Nassau County. This is followed by a detailed analysis of responding feedback.

Summary: Survey respondents for Nassau County were mainly white and female. More than half of the respondents were highly educated, 65 years or older, retired, and having household incomes of \$100,000 or more. Between nearly a third to half of the survey respondents indicated higher financial challenges with rising expenses to meet basic needs (i.e.: households, rent/mortgage, medical bills). Approximately 15% of respondents reported challenges to accessing medical care when needed, largely due to the lack of timely appointments available. The top three health concerns identified as being important to respondents but with inadequate resources to address them were related to violence, including gun violence, falls among the elderly and worsening mental health.

Demographics

- **Language:** Approximately 5% of survey respondents spoke a primary language at home other than English; The non-English language primarily spoken at home the most among the survey respondents was Spanish
- **Race/Ethnicity:** Survey respondents from this county were predominantly White (82%). The proportion of survey respondents that were non-White were relatively evenly split between Black (6%), Hispanic (5%), AAPI (5%) with 3% as Other.
- **SOGI:** Survey respondents from the county predominantly identified as female (63%); 91% of respondents identified as Straight, 2% identified as gay, lesbian or bisexual, and 6% preferred not to say.
- **Age:** Survey respondents skewed toward older age groups with over 50% aged 65 or older, followed by 33% in the 45-65 age range.

- **Insurance Coverage:** Survey respondents were primarily insured by Medicare (47%); 42% were commercially insured.
- **Education and Income:** Survey respondents of the county skewed towards highly educated with 71% having a college degree or higher; Over 56% of the survey respondents had a household income greater than or equal to \$100,000.
- **Employment Status:** Nearly half of survey respondents were retired, and 31% of respondents were employed full time; approximately 1% of survey respondents were unemployed at the time they took the survey

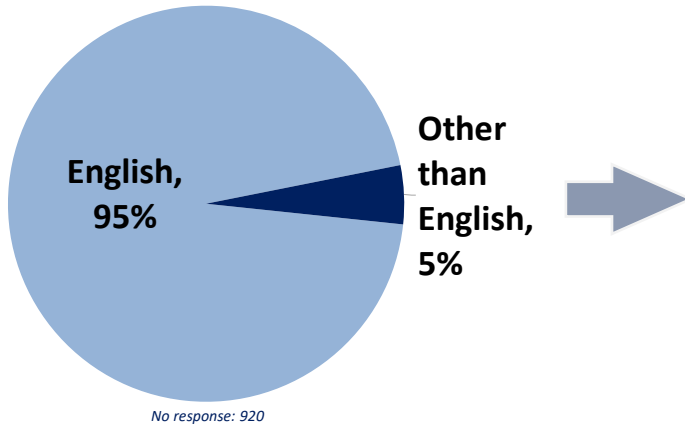
Health Status & Needs Identified:

- **Overall Health of Neighborhood:** Approximately 40% of survey respondents identified the overall health of their neighborhood as very good or excellent.
- **Physical Health:** About 16% of survey respondents identified their physical health as being 'Fair' or 'Poor'
- **Mental Health:** About 11% of survey respondents identified their physical health as being 'Fair' or 'Poor'
- **Health-Related Social Needs:** Almost half of survey respondents (46.9%) indicated they experienced an increase in their household expenses within the last year; 6.3% indicated difficulties in paying their rent or mortgage. Similarly, 31.1% indicated experiencing higher medical expenses in the last year. Additionally, over a third of respondents (37.6%) indicated experiencing anxiety or depression.
- **COVID-19 Needs:** Over half of survey respondents identified the need for at-home COVID-19 tests (54.4%) and access to boosters for COVID-19 (50.7%). Almost half of survey respondents (48.8%) also identified the need for reliable sources of information on COVID-19.
- **Access to Care:** Approximately 15% of survey respondents in the county indicated they were unable to access medical care in-person when they needed it. The top reason identified was that 'There were no available appointments, or I couldn't get an appointment soon enough'. Additionally, 5% of the respondents indicated they were unable to get medical care virtually (video or phone), the primary reason being 'There were no available appointments, or I couldn't get an appointment'
- **Health Needs Identified:** The three main health needs that survey respondents ranked as having the highest importance but the lowest satisfaction of services within their neighborhood were related to 1) violence (including gun violence), 2) stopping falls among the elderly, and 3) mental health and depression.

Nassau County

Survey Respondent Demographics Total Qualified Respondents: 2,630

Primary language you speak at home



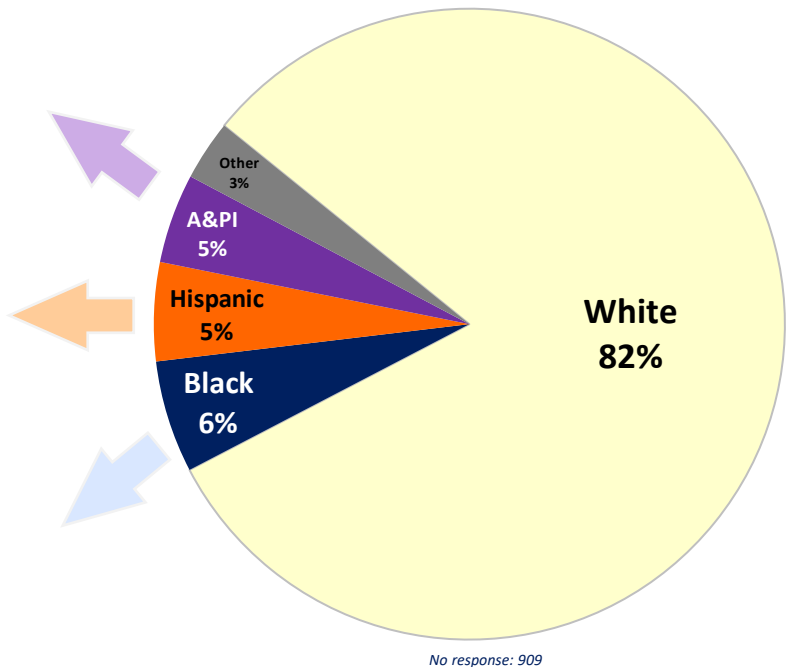
Primary Language	Respondents	
	#	%
Spanish	23	1.3%
Mandarin	11	0.6%
Cantonese	5	0.3%
Italian	5	0.3%
Korean	4	0.2%
Haitian Creole	4	0.2%
Russian	2	0.1%
Yiddish	1	0.1%
Other	27	1.6%

Asian Heritage or Ancestry	Respondents	
	#	%
Chinese	34	43%
Asian Indian	22	28%
Filipino	10	13%
Korean	6	8%
Japanese	2	3%
Other	6	8%

Race & Ethnicity

Hispanic/LatinX Origin or Ancestry	Respondents	
	#	%
Puerto Rican	25	30%
Other Central American	9	11%
Other South American	9	11%
Dominican	8	10%
Mexican	6	7%
Ecuadorian	6	7%
Colombian	6	7%
Cuban	3	4%
Other	12	14%

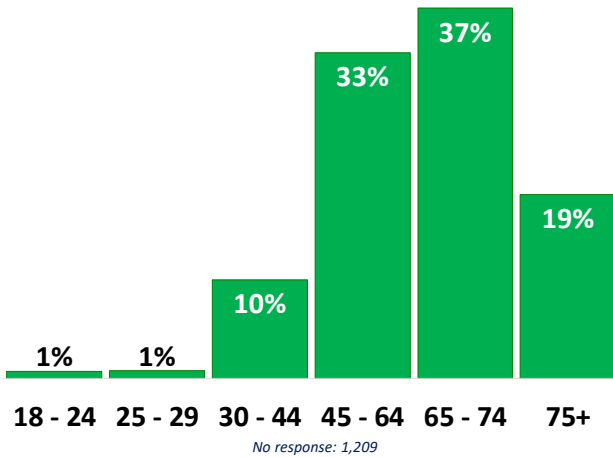
Heritage or Ancestry in addition to being Black	Respondents	
	#	%
Caribbean or West Indian	54	52%
African American	49	47%
A recent immigrant or the child of recent immigrants from Africa	80	43%



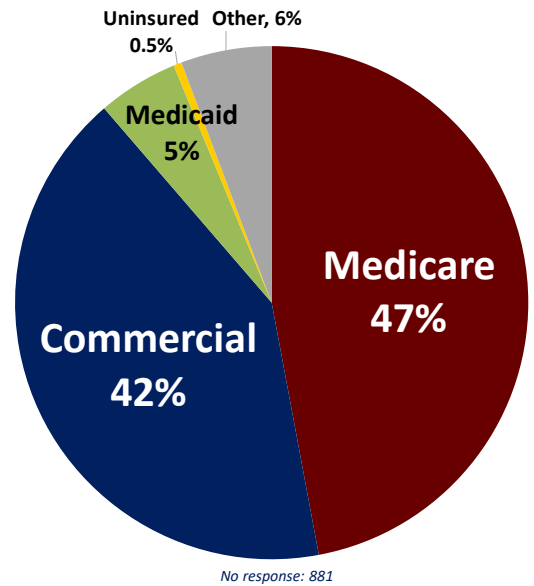
Nassau County

Survey Respondent Demographics Total Qualified Respondents: 2,630

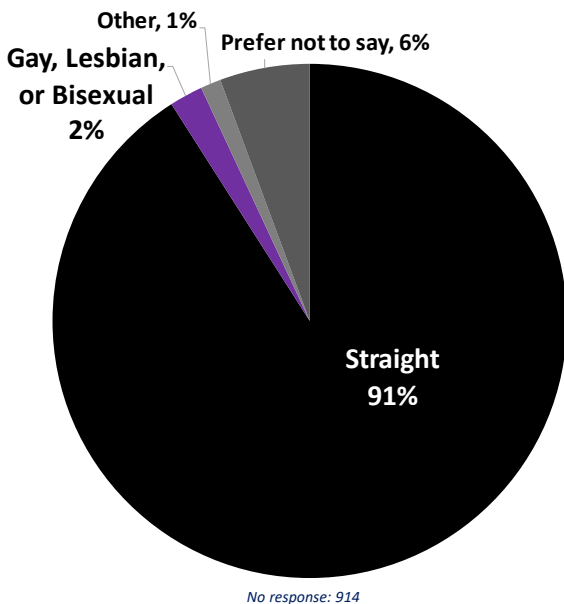
Age



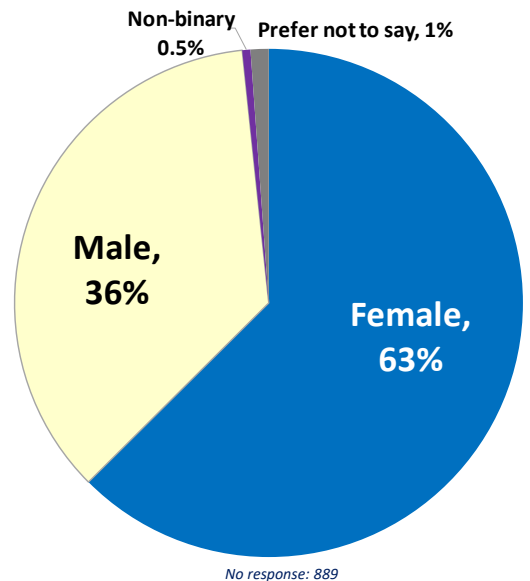
Insurance Coverage



Sexual Orientation



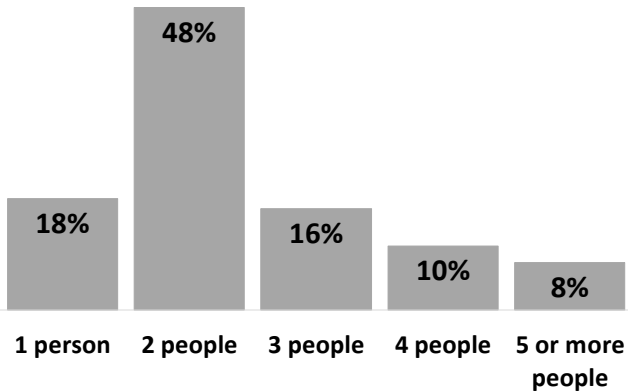
Gender Identity



Nassau County

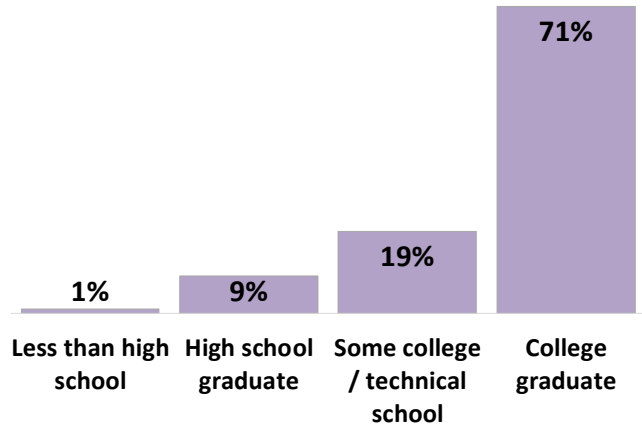
Survey Respondent Demographics Total Qualified Respondents: 2,630

Housing



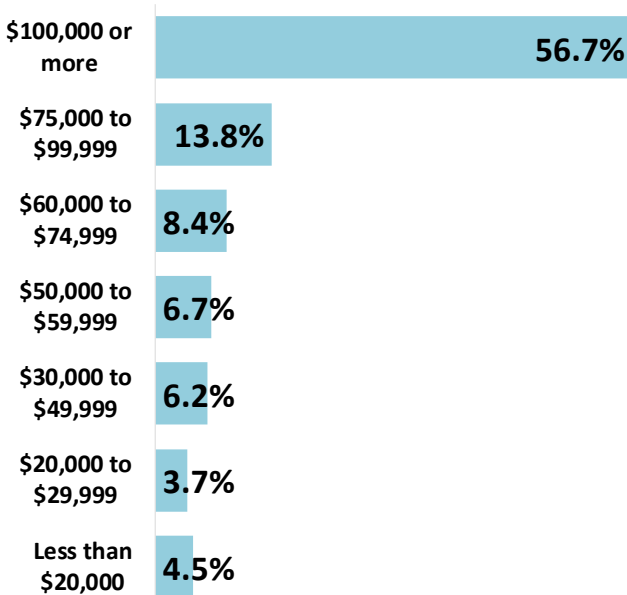
No response: 989

Education



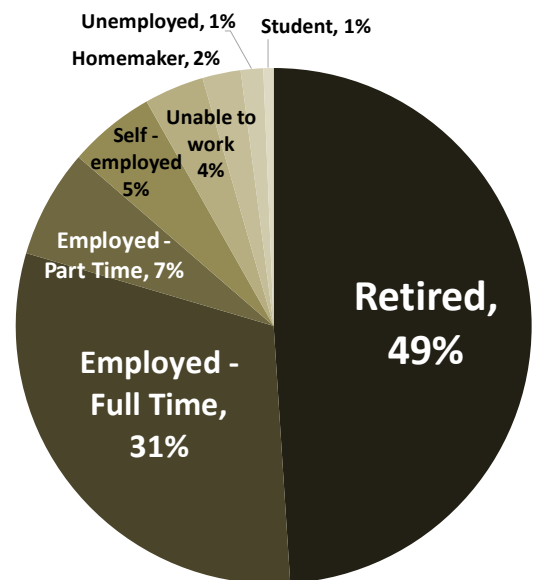
No response: 929

Household Income



No response: 881

Employment Status



No response: 923

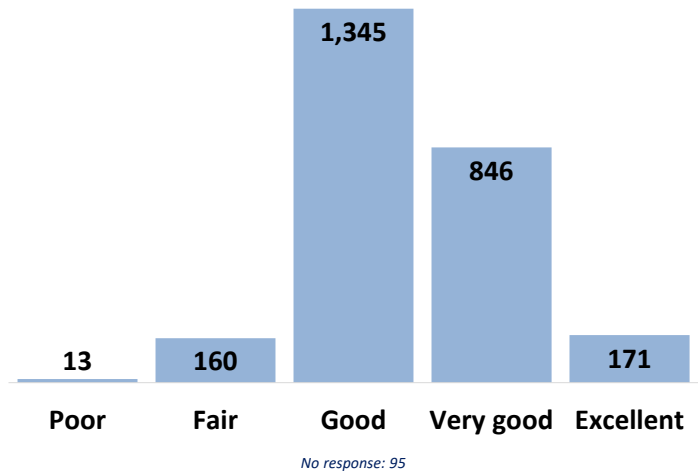
Nassau County

Survey Results

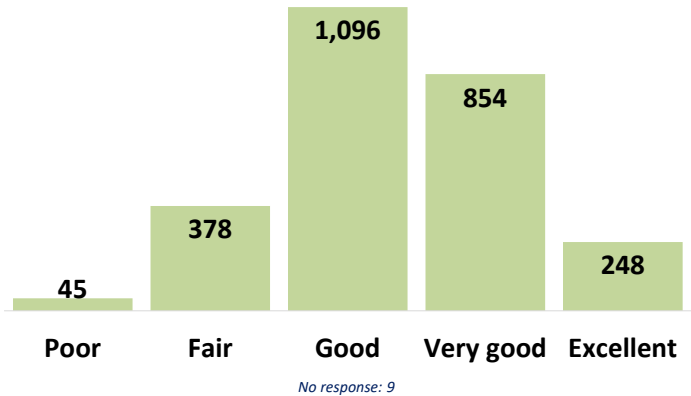
Total Qualified Respondents: 2,630

In general, how is your ...

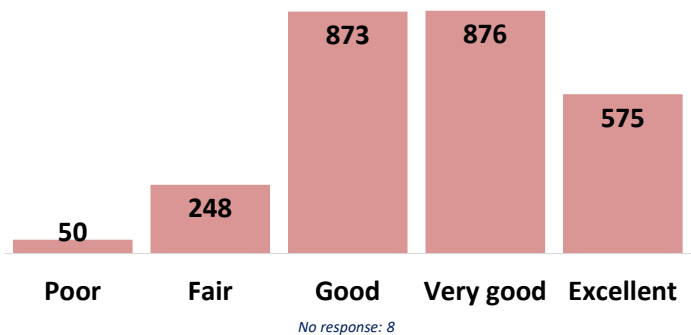
...overall health?



...physical health?



...mental health?



Nassau County

Survey Results

Total Qualified Respondents: 2,630

What are your COVID-19 needs?*

Responses	#	%
At-home COVID-19 tests	990	54.4%
Boosters for COVID-19	922	50.7%
Reliable source(s) of information on COVID-19	887	48.8%
In-person testing for COVID-19 (e.g., doctor's office, pharmacy, mobile van)	781	42.9%
Personal protective equipment (e.g., masks, sanitizer, gloves)	709	39.0%
Treatment for COVID-19	659	36.2%
COVID-19 vaccination	517	28.4%

No response: 811

In the last 12 months, have you experienced any of the following?*

Responses	#	%
Increased household expenses	831	46.9%
Anxiety or depression	666	37.6%
Increased medical expenses	551	31.1%
Difficulty paying utilities or other monthly bills	135	7.6%
Difficulty paying your rent/mortgage	112	6.3%
Hunger or skipped meals because you did not have enough money to buy food	33	1.9%
None of the above	553	31.2%

No response: 857

Note: * indicates multi-select questions with non-exclusive responses, therefore percentages may not add up to 100%

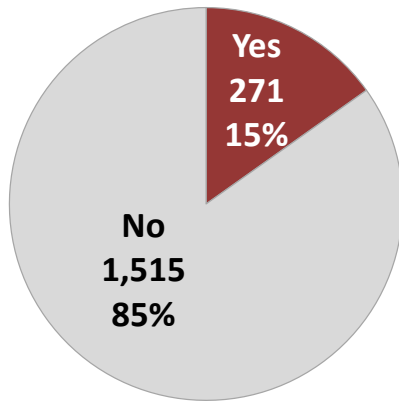
Prepared by the Office of Strategic Planning at Northwell Health/jc

Nassau County

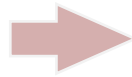
Survey Results

Total Qualified Respondents: 2,630

In the last 12 months, was there a time when you needed medical care in-person but did not get it?



No response: 844

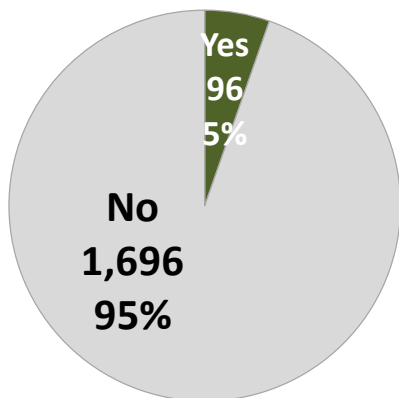


For which of the following reasons could not get medical care in-person the last 12 months?*

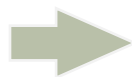
Responses	#	%
There were no available appointments, or I couldn't get an appointment soon enough	168	62.5%
Because of COVID-19	91	33.8%
I could not get through on the telephone to make the appointment	73	27.1%
Once I got there the wait was too long to see the doctor	36	13.4%
I could not afford the cost of care (e.g., copay, deductible)	24	8.9%
I did not have transportation	15	5.6%
I did not have childcare	11	4.1%
I did not have health insurance	3	1.1%
Other	35	13.0%
None of the above	25	9.3%

No response: 2

In the last 12 months, was there a time when you needed medical care by video or phone but could not get it?



No response: 838



For which of the following reasons could not get medical care by video or phone in the last 12 months?*

Responses	#	%
There were no available appointments, or I couldn't get an appointment	44	47.8%
I could not get through on the telephone to make the appointment	28	30.4%
I did not know how to see the doctor by video or phone	12	13.0%
I could not afford the cost of care (e.g., copay, deductible)	5	5.4%
I did not have a computer, phone, or other device to use for the visit	5	5.4%
I did not have internet	5	5.4%
I did not have a private place to have my appointment	5	5.4%
I did not have health insurance	1	1.1%
I did not have data or minutes in my phone plan to use for a visit	1	1.1%
Other	16	17.4%
None of the above	9	9.8%

No response: 4

Note: * indicates multi-select questions with non-exclusive responses, therefore percentages may not add up to 100%

Nassau County

Survey Results Importance and Satisfaction Ratings

Health Condition	Importance Rank*	Importance Score^	Importance Relative to Other Health Conditions	Satisfaction Rank**	Satisfaction Score^	Satisfaction Relative to Other Health Conditions
Needs Attention						
Violence (including gun violence)	5	4.37	Above Average	19	3.12	Below Average
Stopping falls among elderly	8	4.09	Above Average	14	3.33	Below Average
Mental health / depression	9	4.08	Above Average	15	3.27	Below Average
Maintain Efforts						
Dental care	1	4.45	Above Average	5	3.86	Above Average
Cancer	2	4.43	Above Average	7	3.73	Above Average
Heart disease	3	4.39	Above Average	1	3.95	Above Average
COVID-19	4	4.39	Above Average	4	3.87	Above Average
Access to healthy / nutritious foods	6	4.32	Above Average	3	3.91	Above Average
High blood pressure	7	4.18	Above Average	2	3.91	Above Average
Arthritis / disease of the joints	10	4.00	Above Average	11	3.58	Above Average
Women's and maternal health care	11	3.96	Above Average	12	3.56	Above Average
Adolescent and child health	12	3.95	Above Average	6	3.76	Above Average
Diabetes / elevated sugar in the blood	13	3.90	Above Average	9	3.67	Above Average
Relatively Lower Priority						
Obesity in children and adults	14	3.79	Below Average	16	3.20	Below Average
Substance use disorder / drug addiction (including alcohol use disorder)	16	3.61	Below Average	20	3.10	Below Average
Cigarette smoking / tobacco use / vaping / e-cigarettes / hookah	18	3.37	Below Average	21	3.08	Below Average
Hepatitis C/liver disease	19	3.16	Below Average	13	3.44	Below Average
Sexually Transmitted Infections (STIs)	20	2.86	Below Average	17	3.17	Below Average
HIV / AIDS (Acquired Immune Deficiency Syndrome)	21	2.84	Below Average	18	3.17	Below Average
Asthma / breathing problems or lung disease	15	3.77	Below Average	10	3.65	Above Average
Infant health	17	3.57	Below Average	8	3.69	Above Average

*How important is this issue to you?

**How satisfied are you with current services in your neighborhood?

^Rated on a 5-point scale from 1="Not at all" to 5="Extremely"

Northwell CHNA 2022-2024
Secondary Analysis

Sociodemographics



Population

10 Year Population Change

Nassau

NYS

Nassau

NYS

1,355,683

19,514,849

2.0%

1.5%



Overall County
Health Ranking

Quality of Life
Ranking

Length of Life
Ranking

4

6

3



Life Expectancy

82.3

years

Birth Rate

10.2

Birth rate per
1,000 population

Mortality Rate

559.3

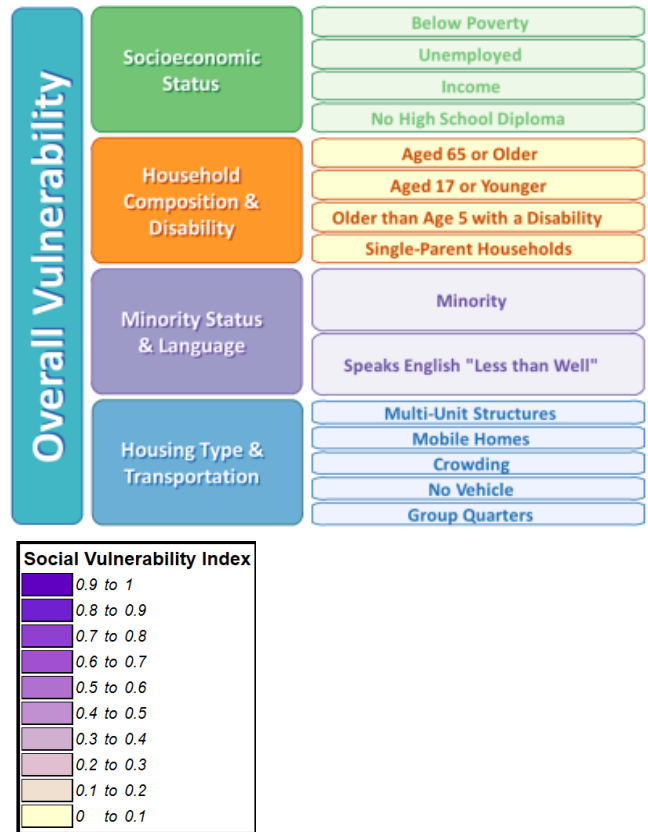
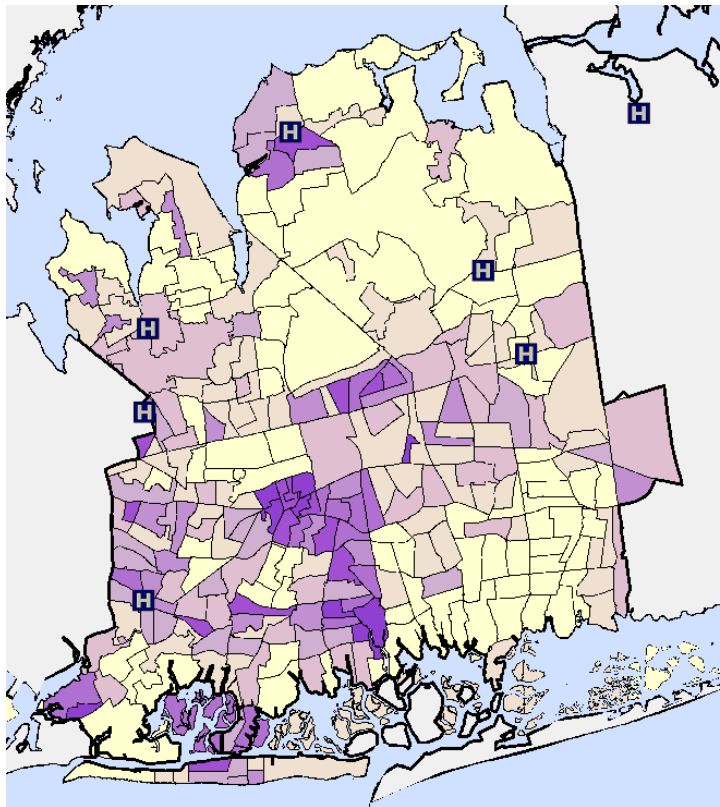
Age-adjusted
total mortality
rate per 100,000

Top Five Leading Causes of Death

	Condition	Incidence <i>Per 100,000 population</i>	Case Count
1	Heart Disease	180.0	3,732
2	Cancer	120.5	2,297
3	Cerebrovascular Disease	23.4	476
4	Unintentional Injury	31.3	471
5	CLRD	20.9	414



CDC's Social Vulnerability Index



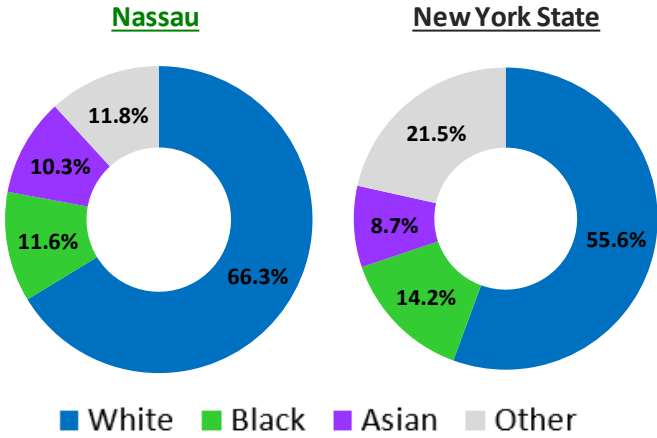
The CDC's purpose in designing the Social Vulnerability Index (SVI) was to provide specific socially and spatially relevant information to help public health officials and local planners, better prepare communities to respond to emergency events such as severe weather, floods, disease outbreaks and chemical exposure.

The SVI identifies relative vulnerability of every U.S. Census tract and ranks census tracts on 15 social factors, including unemployment, minority status, and disability. It groups these measures into four related themes, as well as an overall ranking.

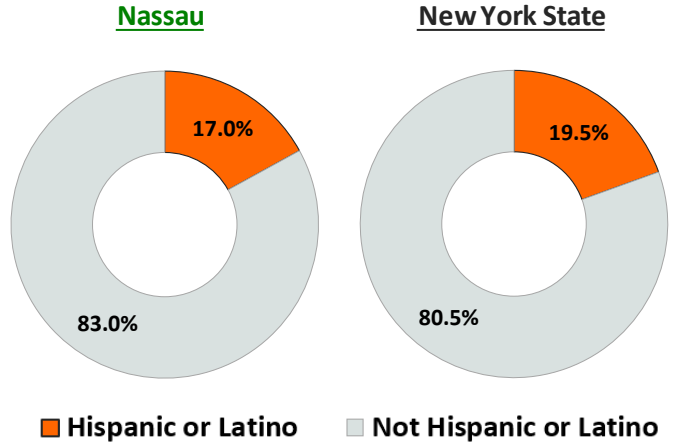
Sociodemographics



Race

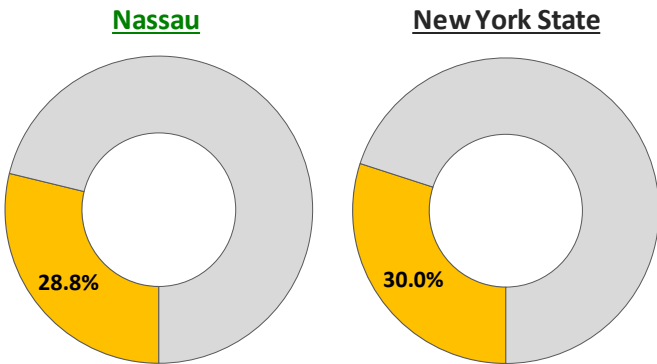


Ethnicity

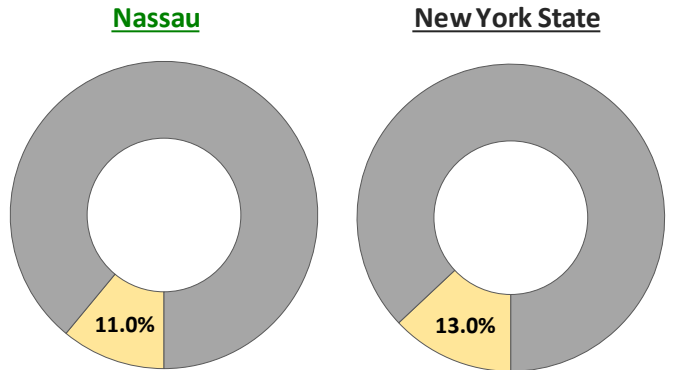


Language

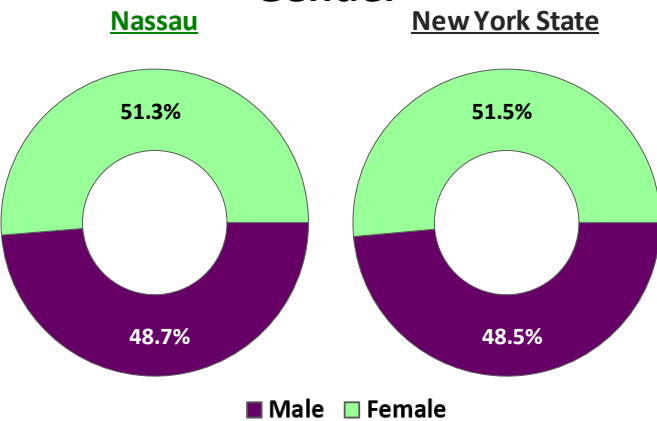
Languages Spoken at Home Other than English



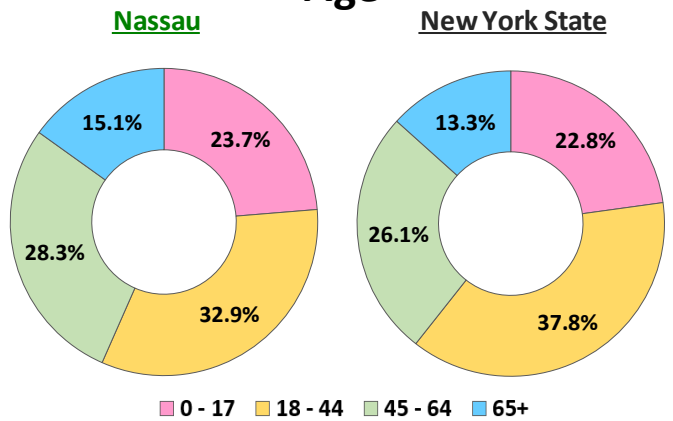
Speaks English less than "very well"



Gender



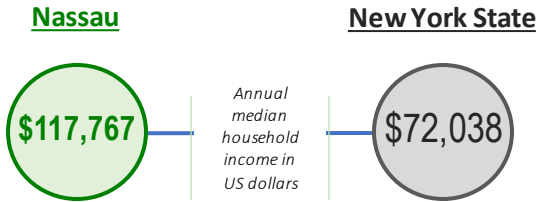
Age



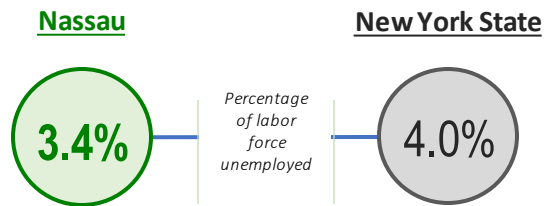
Sociodemographics



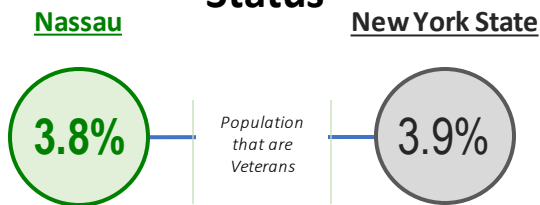
Income



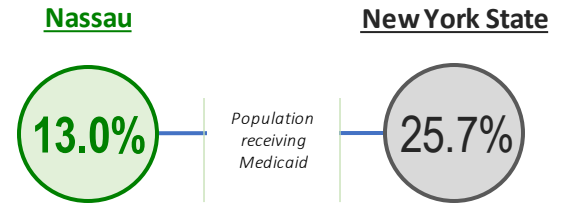
Unemployment



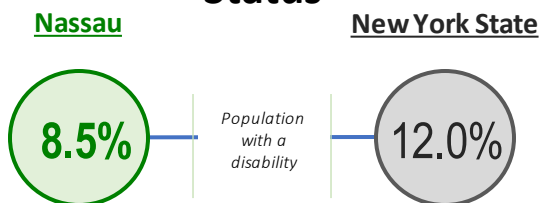
Veteran Status



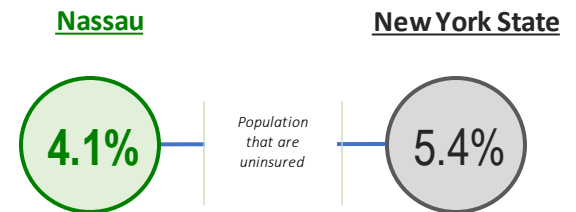
Medicaid Insured



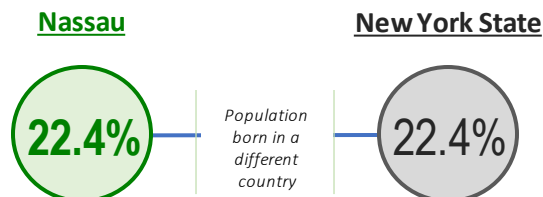
Disability Status



Uninsured



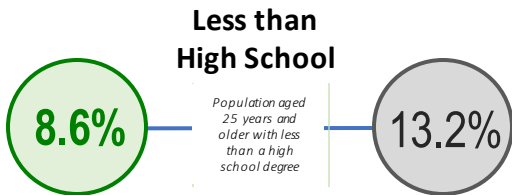
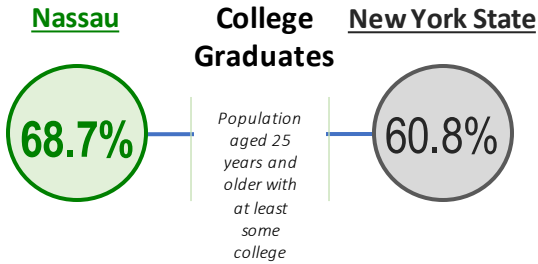
Foreign Born



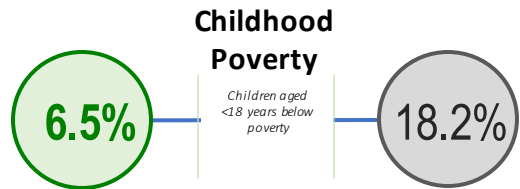
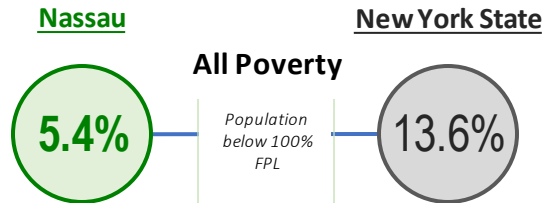
Sociodemographics



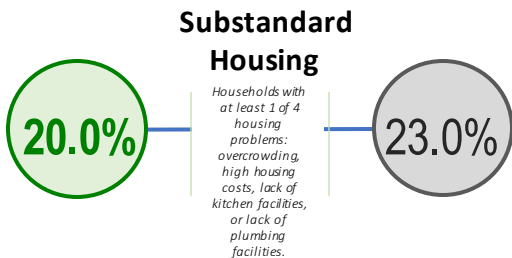
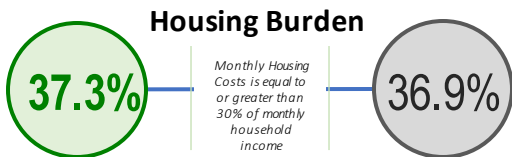
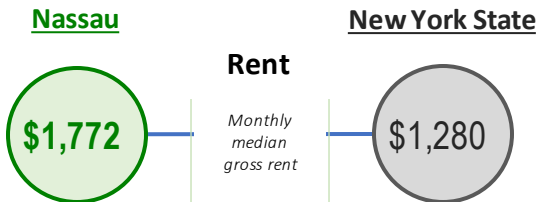
Education



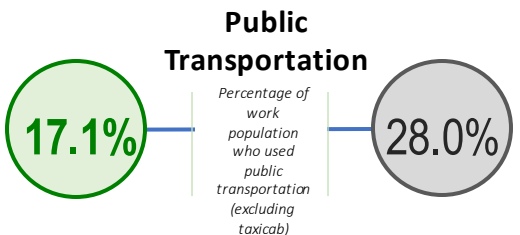
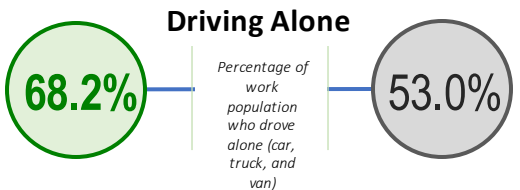
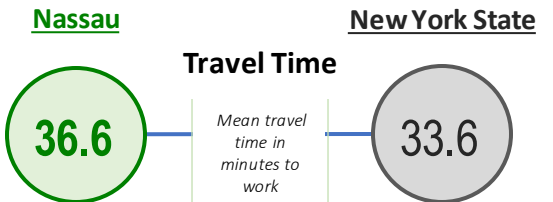
Poverty



Housing



Transportation



Health Status



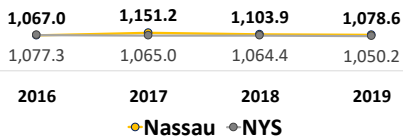
Findings:

- Hospitalizations in the County and New York State (NYS) remained relatively stable between 2016-2019
- Emergency department visits have been relatively stable between 2016 – 2019 with the County having a slightly higher rate than the NYS overall
- The percentage of adults between 18-64 with health insurance has remained stable at above 97% in the County and the State
- Children, in the County have health insurance at comparable rates to the State, above 97%
- The percentage of the County population that are Medicaid insured population is smaller than the State, but has shown an increase
- The percentage of adults with access to a regular healthcare provider have remained relatively flat in the County compared to the State

Healthcare Utilization

Hospitalizations

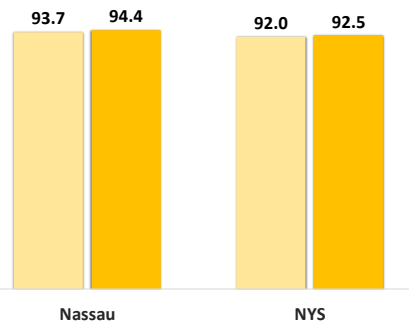
Age-adjusted total hospitalization rate per 10,000



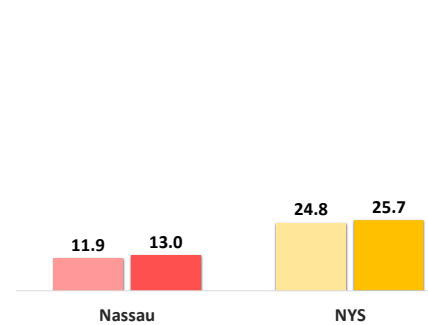
Healthcare Access

Insurance Coverage

Percentage of adults aged 18-64 years with health insurance

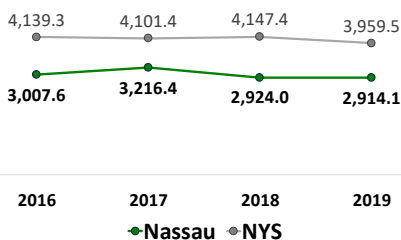


Percentage of population with Medicaid/means-tested public coverage

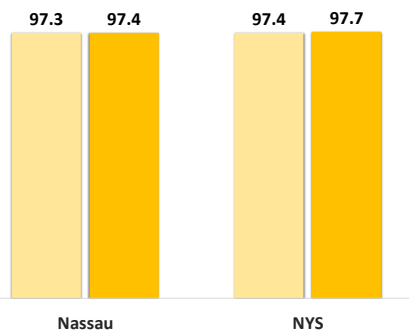


ER Visits

Age-adjusted total emergency department visit rate per 10,000

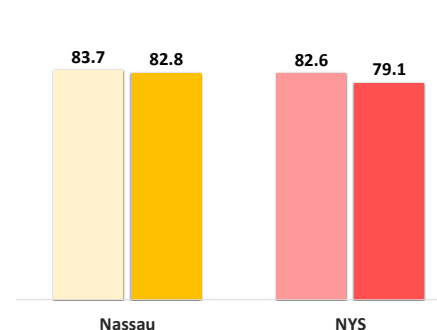


Percentage of children aged <19 years with health insurance



Access to Medical Care

Adults who have a regular health care provider, age-adjusted percentage



Improving

No Significant Change

Getting Worse



2015 - 2017



2015 - 2017



2015 - 2017



2018 - 2020



2018 - 2020



2018 - 2020

Health Status



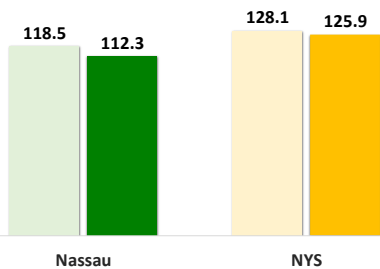
Findings:

- Total preventable hospitalizations are relatively lower in the County than the State; the trends have been noticeably improving for in the County
- The County's Black population has experienced a considerably increase in preventable hospitalizations compared to its White population; the overall trend for both the County and the State have been worsening with the County experiencing greater disparities.
- The Hispanic-to-White ratio of preventable hospitalizations in the County have remained stable while the trends at the State level have worsened
- The County experienced no noticeable change in the percentage of total premature deaths, currently at 17.3%, and lower than the State's rate of 22.7%
- The disparity in premature deaths between Black and White populations in the County has slightly improved
- The disparity in premature deaths between Hispanic and White populations in the County has not changed; and is higher than it is for the State

Preventable Hospitalizations

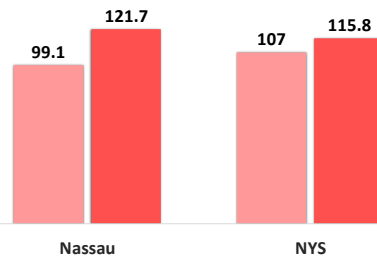
Overall

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



Black to White

Potentially preventable hospitalizations among adults, difference in age-adjusted rates per 10,000 between Black non-Hispanics and White non-Hispanics



Hispanic to White

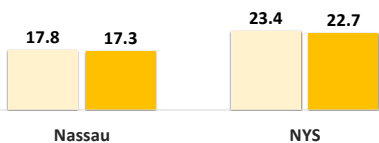
Potentially preventable hospitalizations among adults, difference in age-adjusted rates per 10,000 between Hispanics and White non-Hispanics



Premature Deaths

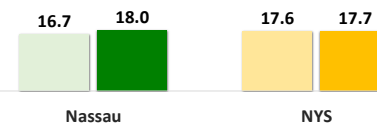
Overall

Percentage of premature deaths (before age 65 years)



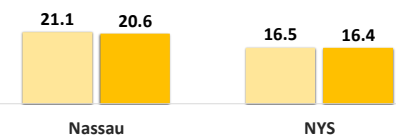
Black to White

Premature deaths (before age 65 years), difference in percentages between Black non-Hispanics and White non-Hispanics



Hispanic to White

Premature deaths (before age 65 years), difference in percentages between Hispanics and White non-Hispanics



Improving



2015 - 2017
2018 - 2020

No Significant Change



2015 - 2017
2018 - 2020

Getting Worse



2015 - 2017
2018 - 2020

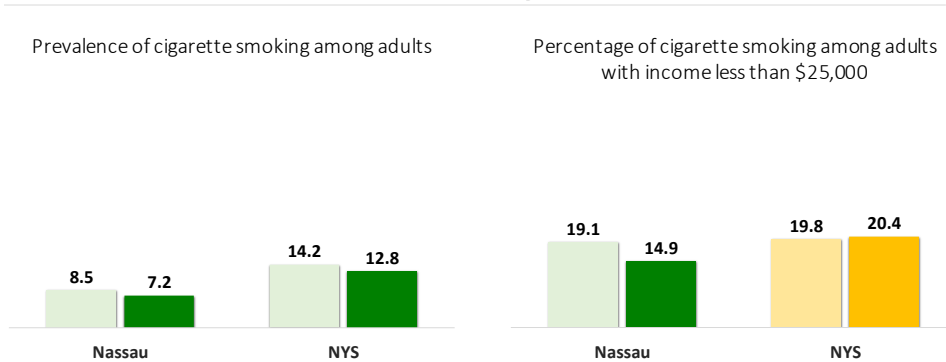
Health Behaviors



Findings:

- The overall prevalence of cigarette smoking has improved in both the County and the State; (County 8.5% to 7.2% vs State 14.2% to 12.8%)
- Additionally, the percentage of cigarette smoking among the County's low-income adults has improved and is lower compared to the State
- The County's percentage of low-income adults consuming sugar beverages has worsened and but remains slightly lower than the State
- The County has a noticeably lower percentage of households receiving Food Stamp/SNAP benefits compared to the State
- The percentage of students eligible for free/reduced price lunch has increased in the County and the State, reaching approximately 29% and 55% respectively

Smoking

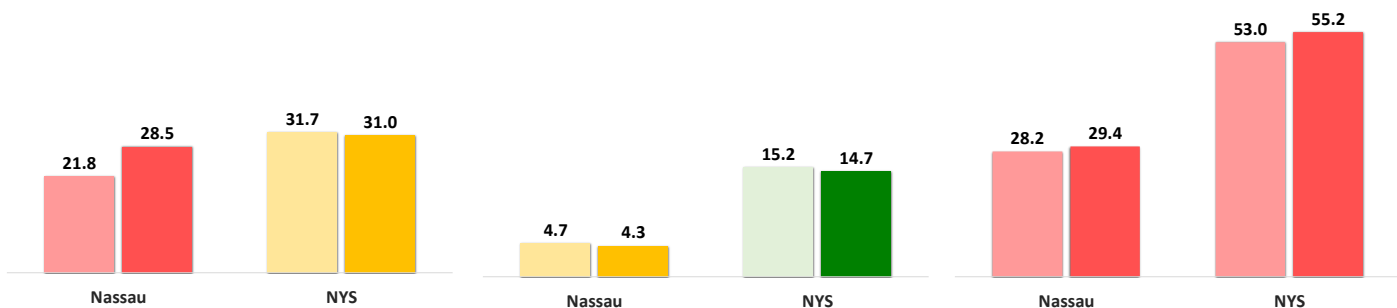


Healthy Eating & Food Security

Percentage of adults with an annual household income less than \$25,000 who consume one or more sugary drinks per day

Percentage of households receiving Food Stamp/SNAP benefits in the past 12 months

Percentage of enrolled students eligible for free/reduced priced lunch



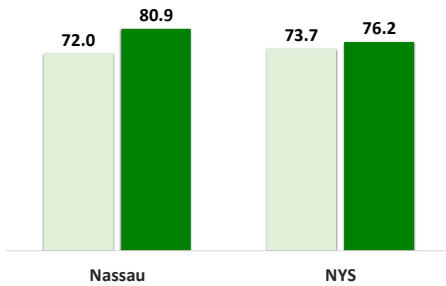


Findings:

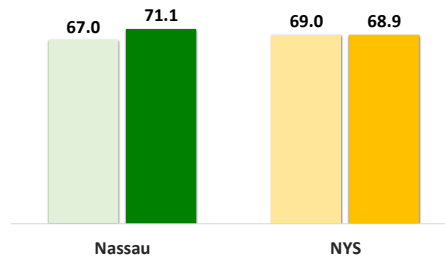
- The rate of adults participating in physical activity for leisure has improved in both the County and the State
- Adults 65 and older improved in their rates of leisure time physical activity in the County compared to the State
- Rates of physical activity also improved for adults with disabilities at the County and State level
- The percentage of children aged 2-4 years old enrolled in WIC and watching TV for 2 hours or less a day noticeably improved

Physical Activity

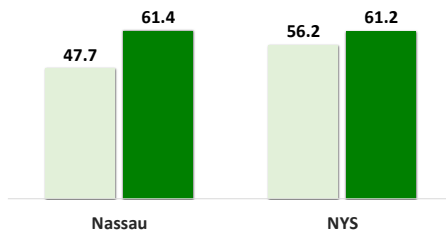
Percentage of adults who participate in leisure-time physical activity



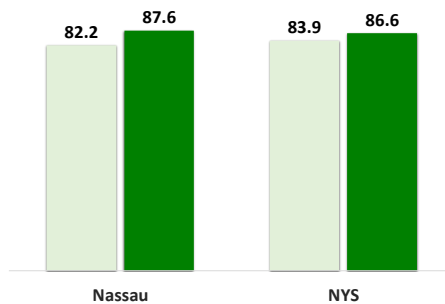
Percentage of adults who participate in leisure-time physical activity, aged 65+ years



Percentage of adults with disabilities who participate in leisure-time physical activity



Percentage of children (aged 2-4 years) enrolled in WIC watching TV 2 hours or less per day



Chronic Conditions

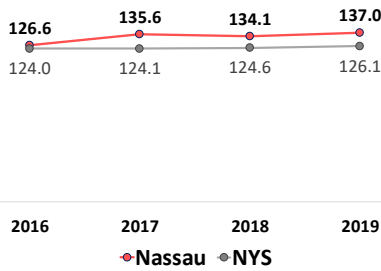


Findings:

- Hospitalization rates for cardiovascular disease have worsened in the County since 2016; the County's mortality rates due to cardiovascular disease are comparable to State and both have shown improvement
- The County's rate of hospitalizations for coronary heart disease (CHD) has worsened but remain higher than the State rates
- The County's mortality rate for CHD has improved over the last few years, while the State's mortality rate for CHD stayed stable
- The rate of hospitalizations for cerebrovascular strokes are comparable to the State but have worsened; stroke related mortality rates have experienced no change

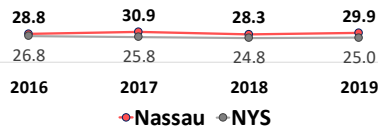
Cardiovascular Disease

Age-adjusted cardiovascular disease hospitalization rate per 10,000



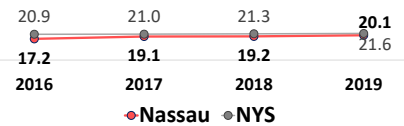
Coronary Heart Disease (CHD)

Age-adjusted coronary heart disease hospitalization rate per 10,000

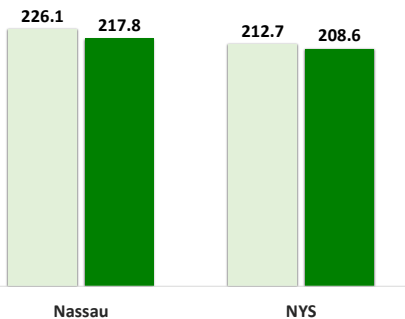


Stroke

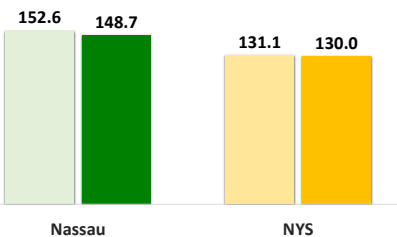
Age-adjusted cerebrovascular disease (stroke) hospitalization rate per 10,000



Age-adjusted cardiovascular disease mortality rate per 100,000



Age-adjusted coronary heart disease mortality rate per 100,000



Age-adjusted cerebrovascular disease (stroke) mortality rate per 100,000



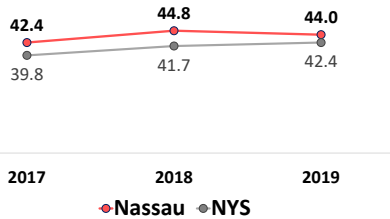


Findings:

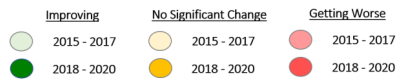
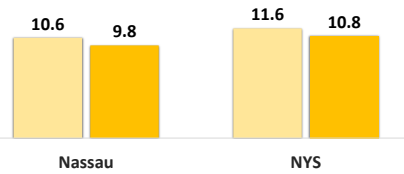
- The County's rate of preventable heart failure inpatient admissions is higher than the State and has increased since 2017
- Compared to the State, the County's mortality rate from congestive heart failure is slightly lower and has been relatively flat
- Preventable Quality Indicators (PQI) for heart failure admission rates were clustered in the central portions of the County

Heart Failure

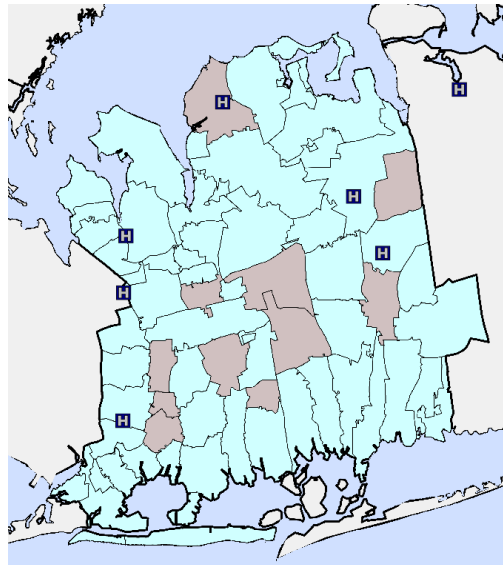
Potentially preventable heart failure hospitalization rate per 10,000 - Aged 18 years and older



Age-adjusted congestive heart failure mortality rate per 100,000



PQI 08 Heart Failure Admission Rate



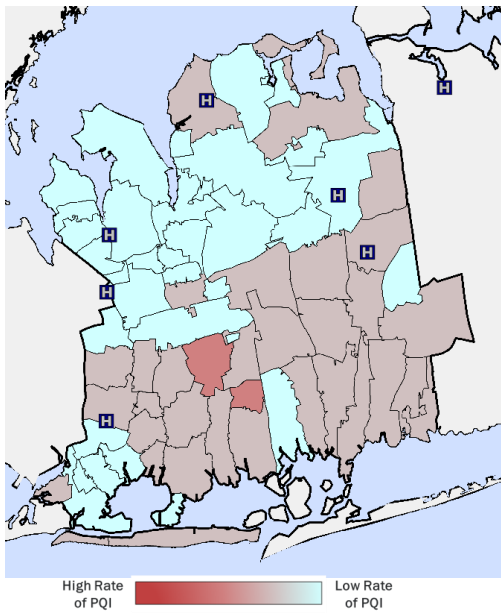
Chronic Conditions



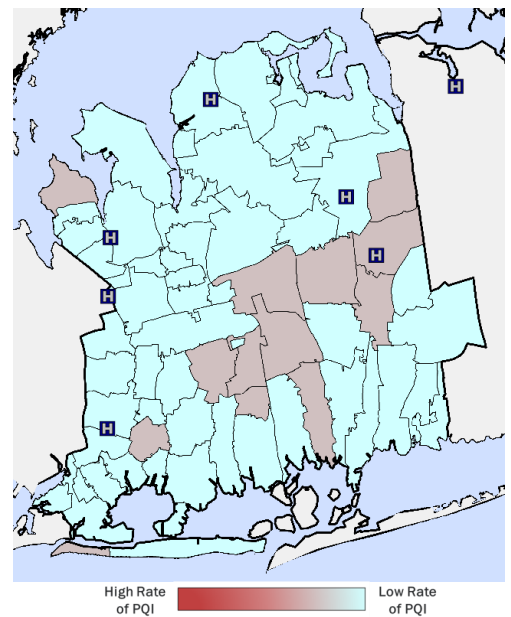
Findings:

- The overall rate of preventable admissions were highest in the southern section of the County
- The eastern part of the County experienced higher rates of preventable admissions for acute conditions
- The percentage of adults with chronic conditions who took a course or class to learn how to manage their condition, although lower than the State, showed an increase in the County as compared to no change statewide
- Preventable admissions for chronic conditions were highest in the southwestern part of the County

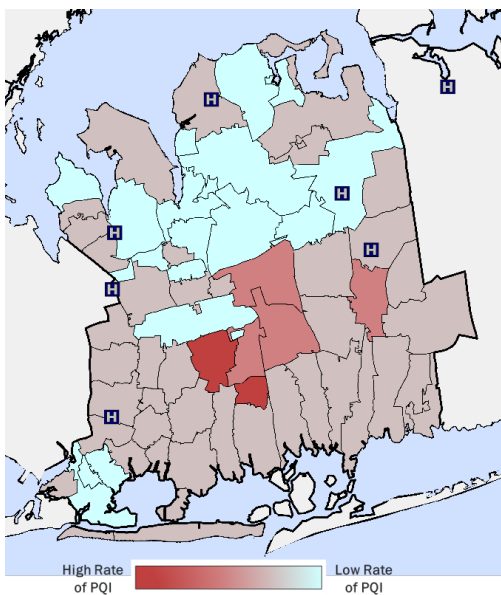
PQI 90: Overall Composite of Admissions



PQI 91: Acute Care Composite of Admissions

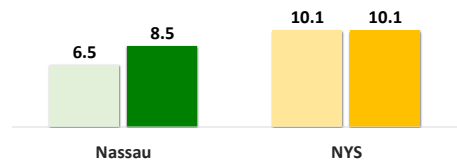


PQI 92: Chronic Composite of Admissions



Chronic Conditions

Percentage of adults with chronic conditions (arthritis, asthma, CVD, diabetes, CKD, cancer) who have taken a course or class to learn how to manage their condition

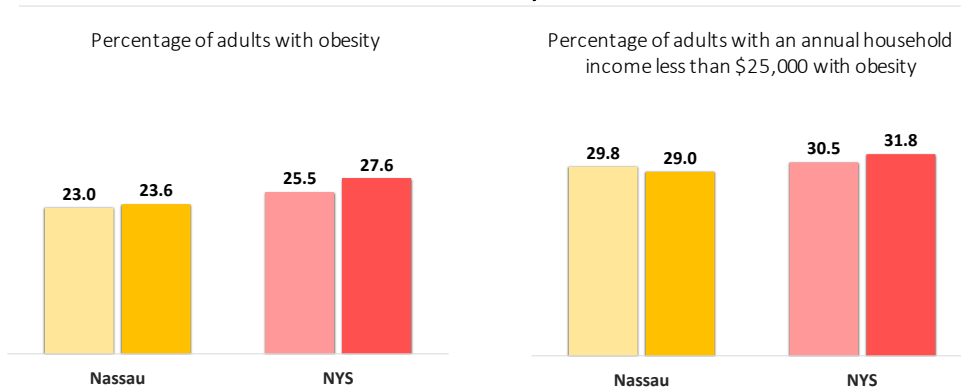




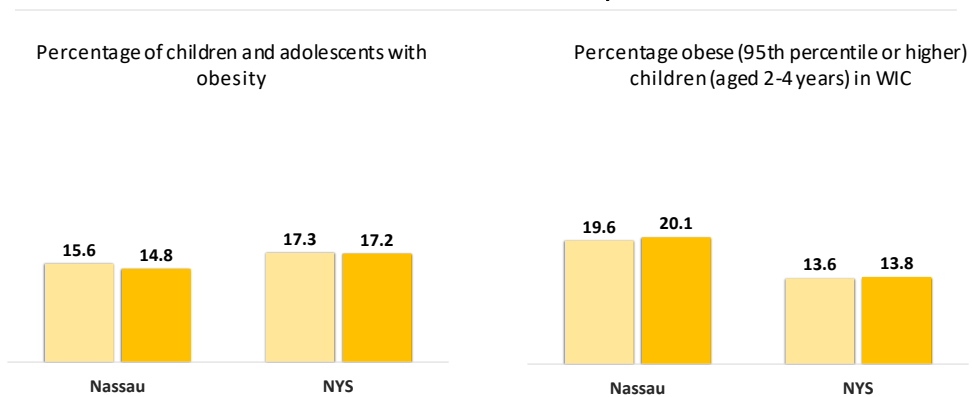
Findings:

- The adult obesity rate for the County has remained stable in the County and worsened in the State; the County's obesity rate is currently lower than the State's obesity rate
- The percentage of the County's low-income adults with obesity has remained stable and is similar to the State rate, that has worsened over time
- Obesity trends among children and adolescents have been relatively stable in both the County and the State
- The percentage of children (aged 2-4) in the WIC program who are obese is higher in the County, compared to the State (20.1% vs 13.8%)

Obesity



Childhood Obesity



Chronic Conditions

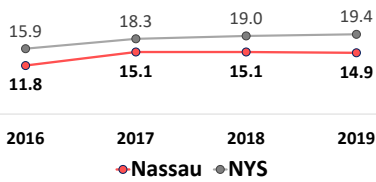


Findings:

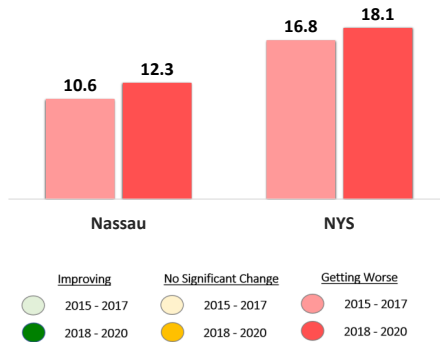
- The County has a lower rate of hospitalization due to diabetes compared to the State, but rates have increased since 2016 (from 11.8% to 14.9%)
- Diabetes related mortality rates have worsened both county- and state-wide, however, the County has a comparably lower rate (12.3% v 18.1%)
- There has been a decline in the County's adult (ages 45+) population who tested for high blood sugar or diabetes in the last 3 years
- PQI - 93 diabetes composite inpatient admission rates are highest in the southwestern sections of the County

Diabetes

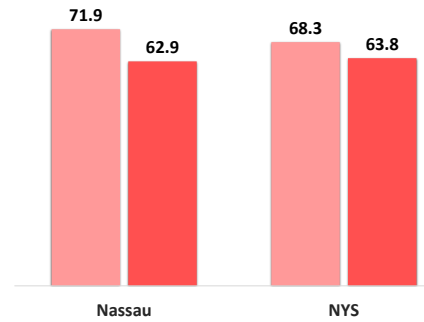
Age-adjusted diabetes hospitalization rate per 10,000 (primary diagnosis)



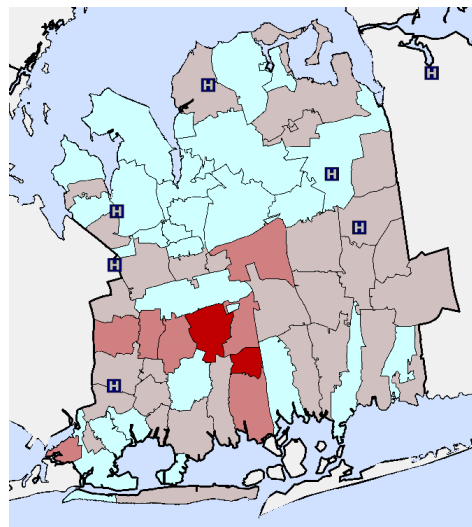
Age-adjusted diabetes mortality rate per 100,000



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



PQI 93 Diabetes Composite Admission Rate



High Rate of PQI Low Rate of PQI

Chronic Conditions: Diabetes

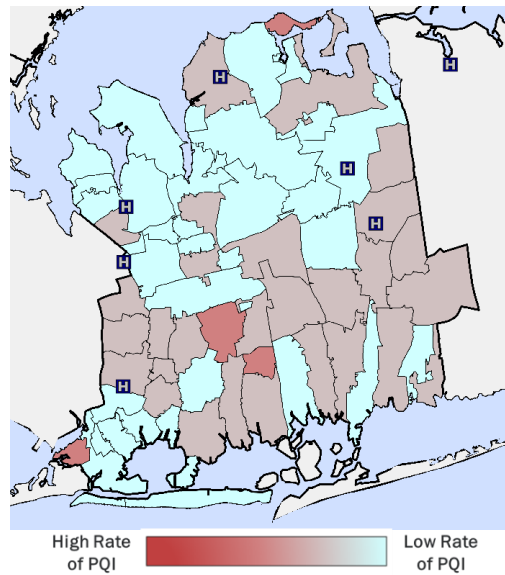


Findings:

- PQI 03 – preventable inpatient admissions for long-term complications is prevalent in the southwestern and southeastern sections of the County
- Preventable hospitalizations for short term complications from diabetes steadily increased in both the County and the State since 2016

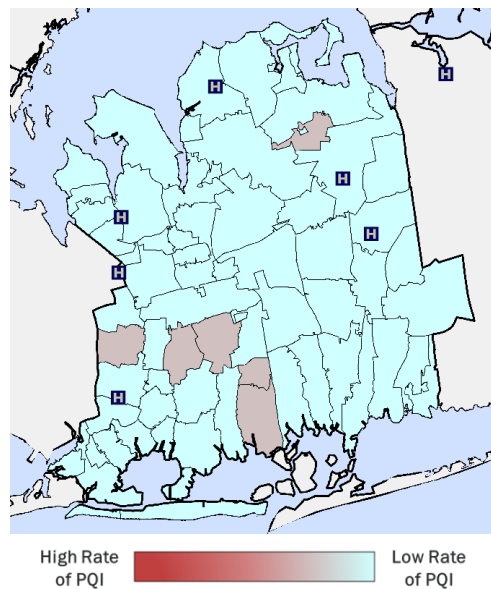
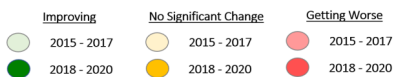
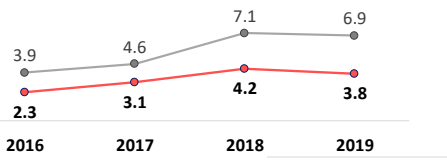
Diabetes Complications

PQI 03: Diabetes Long-Term Complication Admission Rate



PQI 01 Diabetes Short-Term Complication Admission Rate

Potentially preventable diabetes short-term complications hospitalization rate per 10,000 - Aged 18 years and older



Chronic Conditions

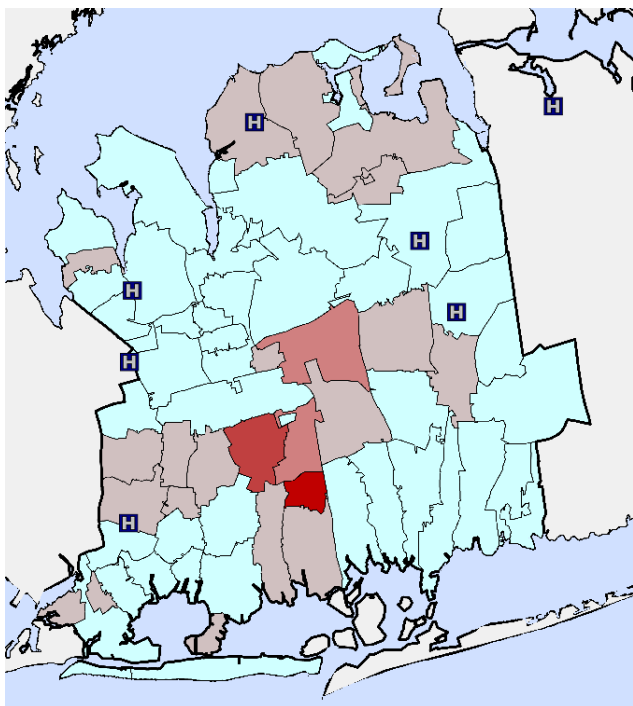


Findings:

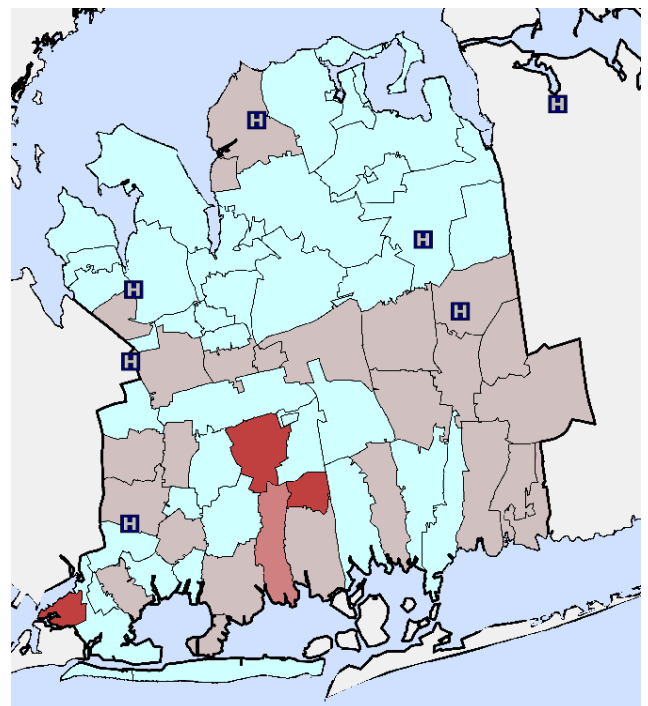
- PQI 14 - uncontrolled diabetes admission rates are clustered in the southwestern, and northeastern, sections of the County
- PQI 16 - lower-extremity amputation among patients with diabetes rates are highest on the southwestern and eastern sections of the County

Diabetes Complications

PQI 14 Uncontrolled Diabetes Admission Rate



PQI 16 Lower-Extremity Amputation among Patients with Diabetes Rate



High Rate of PQI  Low Rate of PQI

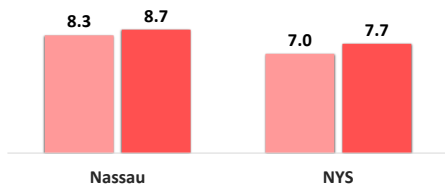


Findings:

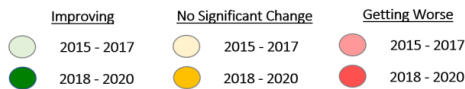
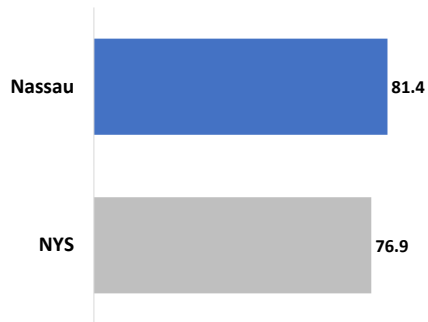
- Preventable hospitalization rates for adults with hypertension has worsened in both the County and the State, with relatively higher rates in the County (8.7% vs 7.7%)
- At 81.4%, the County has more adults with hypertension taking medicine to manage their high blood pressure than the State at 76.9%
- PQI 07 – Hypertension admission rates are highest in the southwestern portions of the County

Hypertension

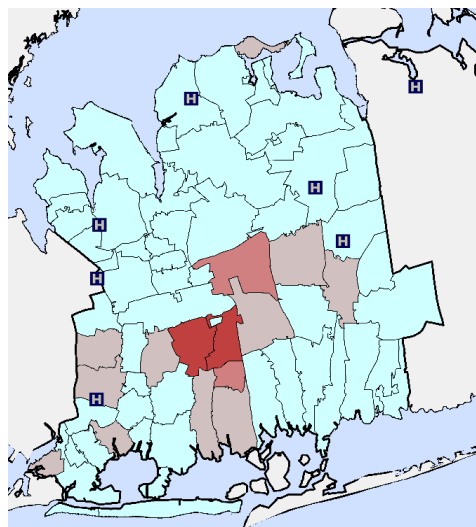
Potentially preventable hypertension hospitalization rate per 10,000 - Aged 18 years and older



Percentage of adults with hypertension who are currently taking medicine to manage their high blood pressure



PQI 07 Hypertension Admission Rate



High Rate of PQI Low Rate of PQI

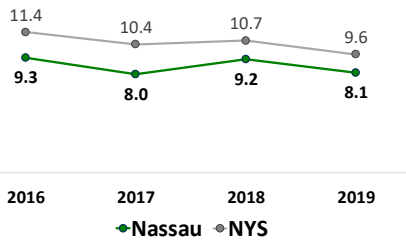


Findings:

- The age-adjusted rates of hospitalizations and mortality from asthma is lower in the County as compared to the State; for the 65+ population, rates in the County are similar to the State
- Rates of asthma related hospitalizations improved having declined from 9.3 to 8.1 per 10,000
- The County's asthma related mortality rates showed no change in its trend and remained lower in comparison to the State
- Asthma hospitalization rates for those 65 and older worsened in the County but remained lower than the State

Asthma

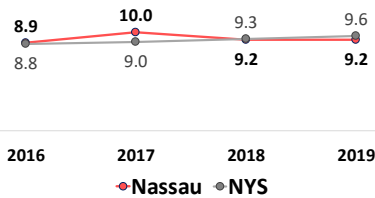
Age-adjusted asthma hospitalization rate per 10,000



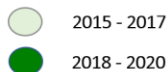
Age-adjusted asthma mortality rate per 100,000



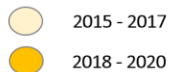
Asthma hospitalization rate per 10,000 - Aged 65 years or older



Improving



No Significant Change



Getting Worse



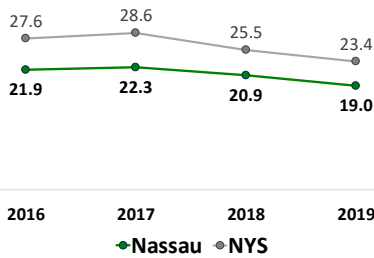


Findings:

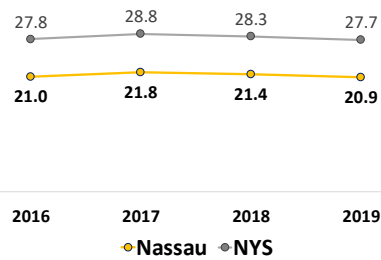
- Since 2016, Hospitalization rates for chronic lower respiratory disease have decreased in the County
- Mortality rates per 100,000 from chronic lower respiratory disease have been stable in the County and the State, though the County's rates have been lower
- PQI 05 - Chronic Obstructive Pulmonary Disease (COPD) or asthma in older adults admission rates are high in the southern part of the County

Chronic Lower Respiratory Disease

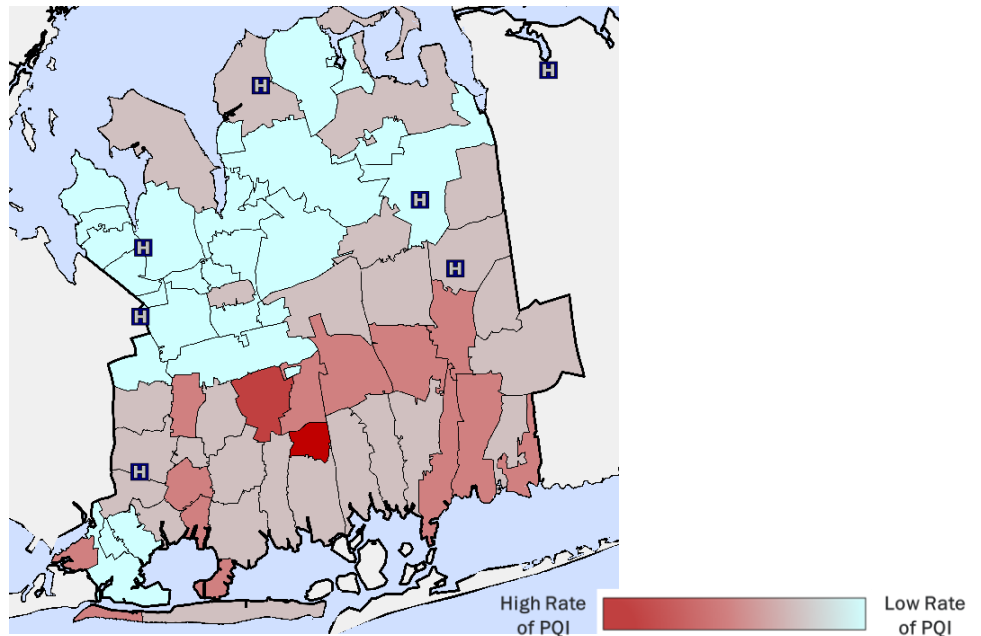
Age-adjusted chronic lower respiratory disease hospitalization rate per 10,000



Age-adjusted chronic lower respiratory disease mortality rate per 100,000



PQI 05 Chronic Obstructive Pulmonary Disease (COPD) or Asthma in Older Adults Admission Rate



Chronic Conditions

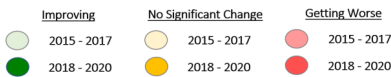
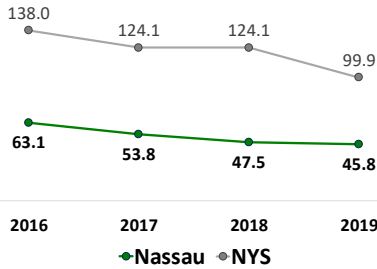


Findings:

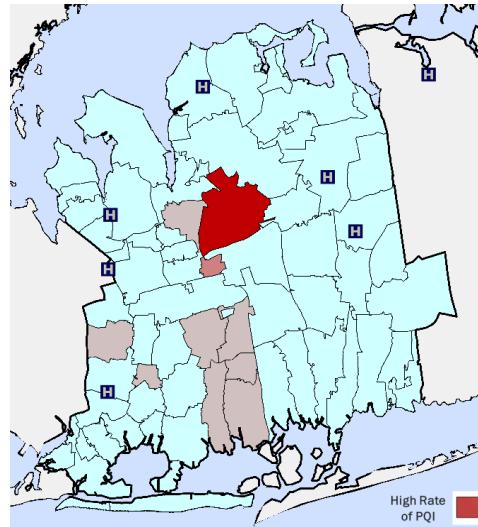
- Emergency department visit rates for asthma among the youth aged 0-17 declined significantly from 2016-2019 in the County and NYS. The NYS rate is more than double the rate of the County throughout the timeframe.
- PQI 15 - asthma in younger adults admission rates are relatively low across the County but highly concentrated in the center section of the County
- Hospitalization rates for pneumonia and the flu among those age 65 and older decreased in both the County and the State
- PQI 11 - community acquired pneumonia admission rates were relatively low and diffused throughout the County

Youth Asthma & Pneumonia

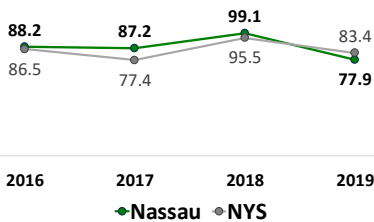
Asthma emergency department visits, rate per 10,000, aged 0-17 years



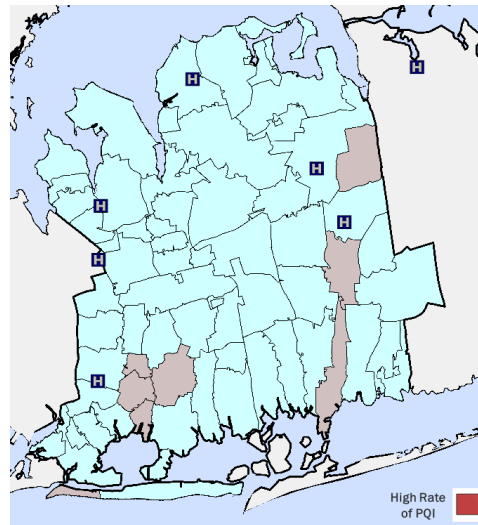
PQI 15 Asthma in Younger Adults Admission Rate



Pneumonia/flu hospitalization rate per 10,000 - Aged 65 years and older



PQI 11 Community Acquired Pneumonia Admission Rate



Chronic Conditions

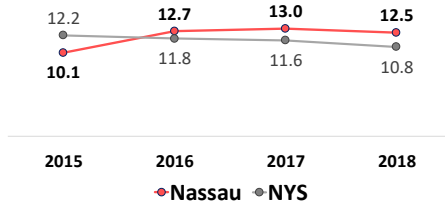


Findings:

- The age-adjusted incidence rate for ovarian cancer was slightly higher in County than the State since 2016 and has worsened
- The age-adjusted mortality rate from ovarian cancer declined in the County and the State
- The age-adjusted incidence rate for cervix uteri cancer increased in County but decreased in the State since 2015
- The age-adjusted mortality rate for cervix uteri cancer remained stable in the County but improved in the State; the County rates remain lower than the State rates

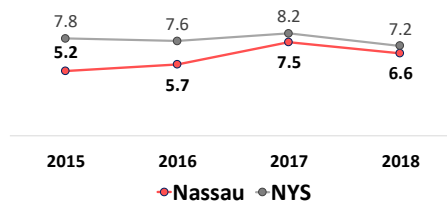
Ovarian Cancer

Age-adjusted ovarian cancer incidence rate per 100,000

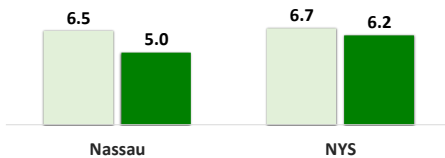


Cervix Uteri Cancer

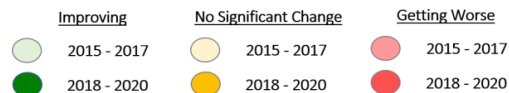
Age-adjusted cervix uteri cancer incidence rate per 100,000



Age-adjusted ovarian cancer mortality rate per 100,000



Age-adjusted cervix uteri cancer mortality rate per 100,000



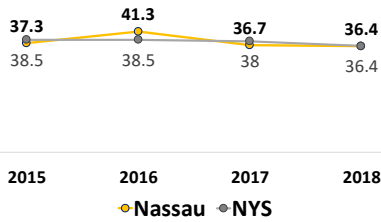


Findings:

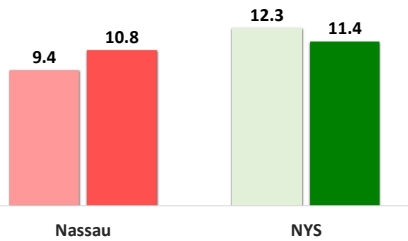
- The County had a similar age-adjusted colon and rectum cancer incidence rate as compared to the State
- The age-adjusted mortality rate from colon and rectum cancer increased in the County and decreased in State
- The percentage of adults aged 50-64 receiving a colorectal cancer screening improved in the County, reaching nearly the same level as the State
- The southern part of the County had greater than expected rates of observed colorectal cancer cases

Colorectal Cancer

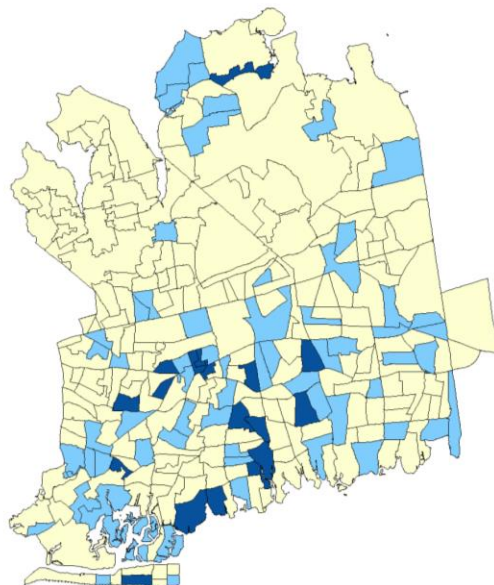
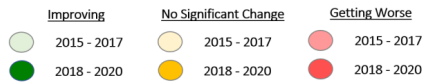
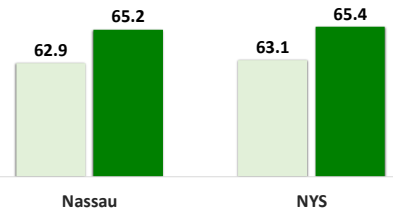
Age-adjusted colon and rectum cancer incidence rate per 100,000



Age-adjusted colon and rectum cancer mortality rate per 100,000



Percentage of adults who receive a colorectal cancer screening based on the most recent guidelines, aged 50-64 years



Chronic Conditions

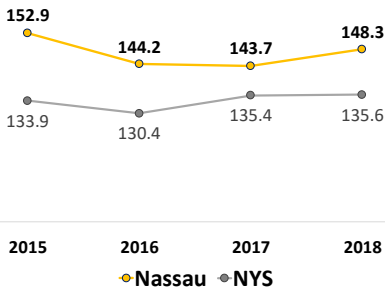


Findings:

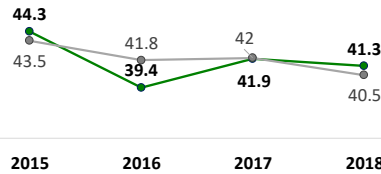
- The County's age-adjusted incidence rates for female breast did have a noticeable change since 2015
- The age-adjusted late-stage female breast cancer rates improved in the County and the State
- The age-adjusted female breast cancer mortality rate worsened in the County but improved in the State
- Greater than expected cases of breast cancer were observed in clusters through the northern and southern sections of the County

Breast Cancer

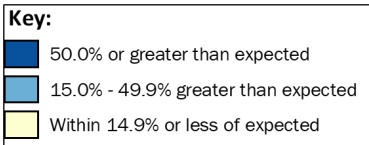
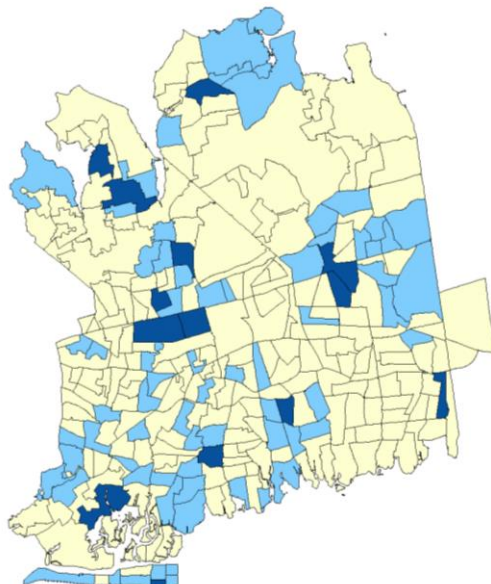
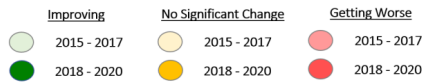
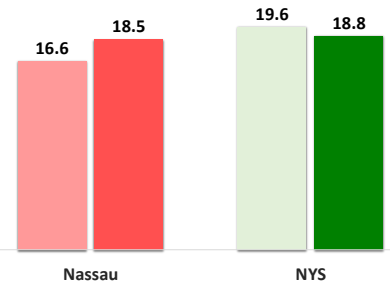
Age-adjusted female breast cancer incidence rate per 100,000



Age-adjusted female breast cancer late stage incidence rate per 100,000



Age-adjusted female breast cancer mortality rate per 100,000



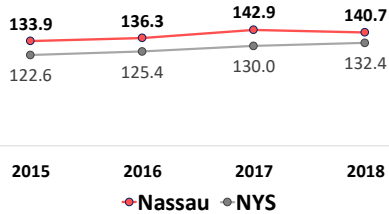


Findings:

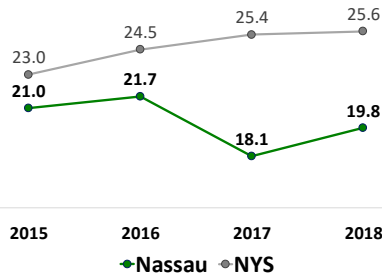
- Between 2015 to 2019, the age-adjusted incidence rate for prostate cancer worsened (133.9 to 140.7 per 100,000 population) but late-stage prostate cancer improved (21.0 to 19.8 per 100,000 population)
- The age-adjusted mortality rate for prostate cancer improved in the County and the State
- The southwestern part of the County observed greater than expected cases of prostate cancer cases

Prostate Cancer

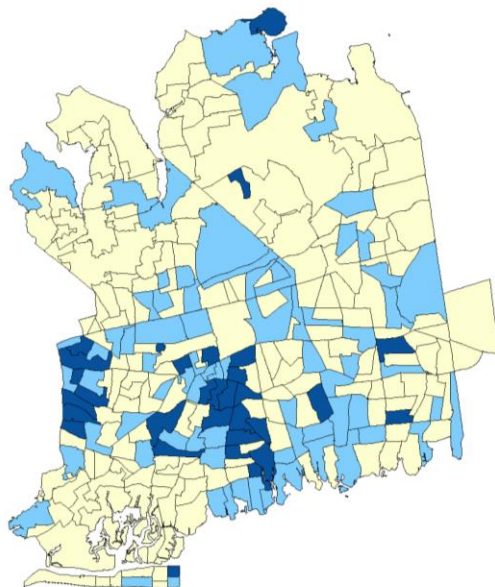
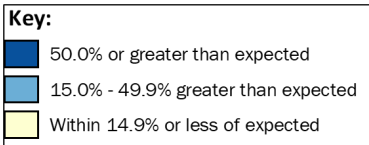
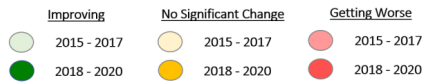
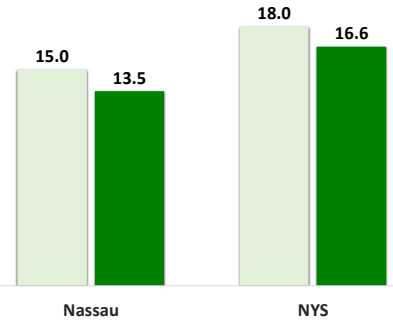
Age-adjusted prostate cancer incidence rate per 100,000



Age-adjusted prostate cancer late stage incidence rate per 100,000



Age-adjusted prostate cancer mortality rate per 100,000



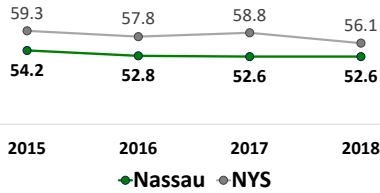


Findings:

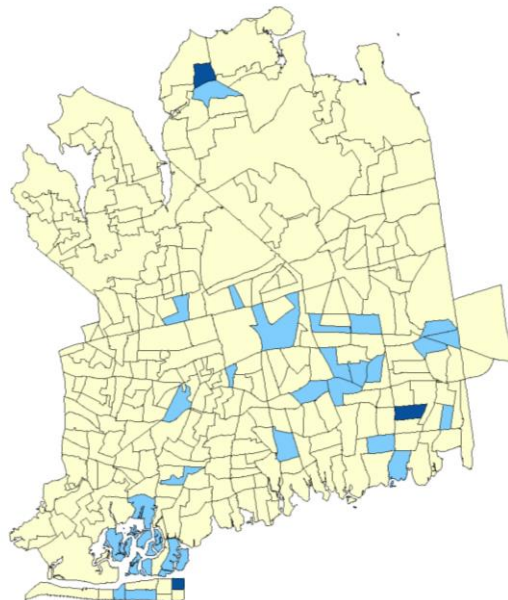
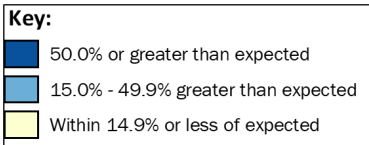
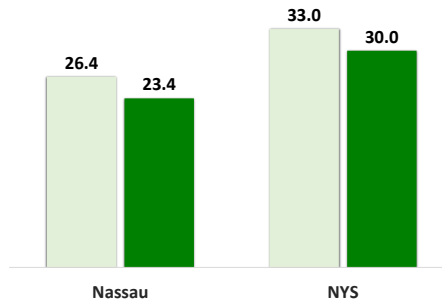
- The age-adjusted incidence rate for lung and bronchus cancer has been lower in the County as compared to the State; incidence rates have improved for both
- The age-adjusted lung and bronchus cancer mortality rates both improved for the County and the State
- Greater than expected rates of lung cancer were observed in the central and southern sections of the County

Lung Cancer

Age-adjusted lung and bronchus cancer incidence rate per 100,000



Age-adjusted lung and bronchus cancer mortality rate per 100,000



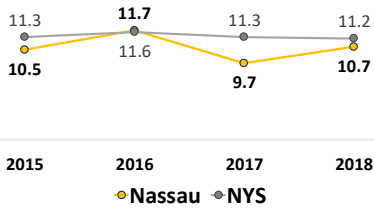


Findings:

- The age-adjusted incidence rate for oral cavity and pharynx cancer remained stable for both the County and the State
- The age-adjusted mortality rate for oral cavity and pharynx cancer increased in the County but was still relatively lower than the State
- The rate of outpatient visits for dental caries among children 3-5 years old improved and has been significantly lower than the State
- The age-adjusted melanoma mortality rate remained flat for the County and the State.

Oral Cancer

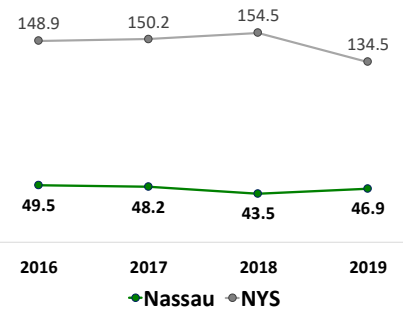
Age-adjusted oral cavity and pharynx cancer incidence rate per 100,000



Age-adjusted oral cavity and pharynx cancer mortality rate per 100,000



Caries outpatient visit rate per 10,000 - Aged 3-5 years



Melanoma

Age-adjusted melanoma cancer mortality rate per 100,000



Chronic Conditions

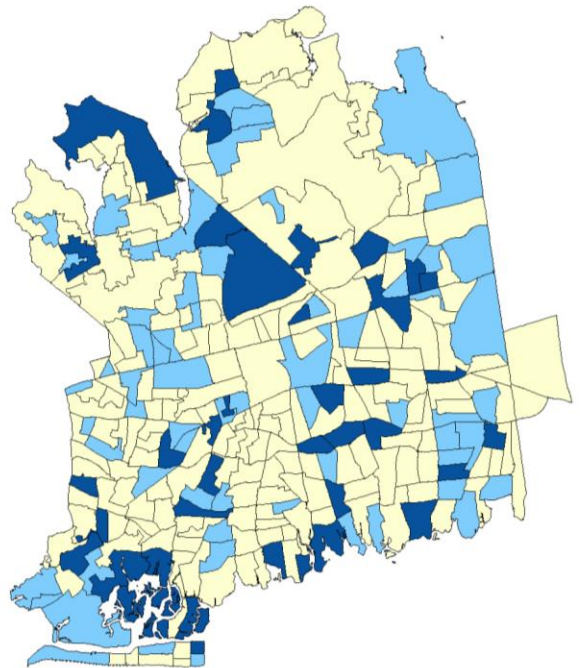
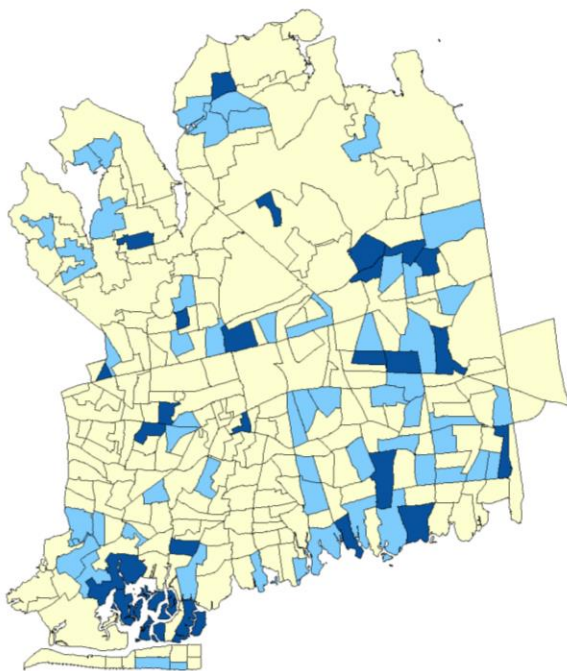


Findings:




- The southeastern sections of the County experienced greater than expected rates of urinary cancer cases
- The southeastern and northwestern sections of the County observed greater than expected rates of non-Hodgkin's Lymphoma cancer cases

Urinary Cancer

Non-Hodgkins Lymphoma



Key:

-  50.0% or greater than expected
-  15.0% - 49.9% greater than expected
-  Within 14.9% or less of expected

Well-Being, Mental Health & Substance Use Disorders

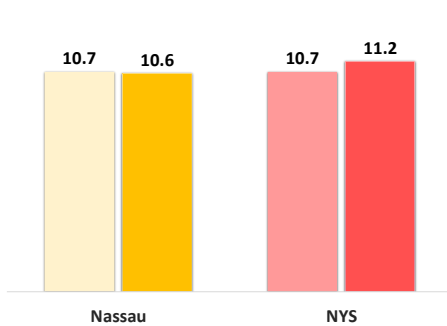


Findings:

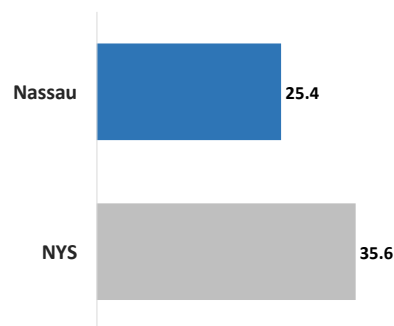
- The age-adjusted percentage of County residents who experienced mental distress during the past month, remained stable in the County while worsening in the State
- The County also has had a lower rate of adults reporting adverse childhood experiences compared to the State
- Age-adjusted suicide rates have improved in the County and remained unchanged in the State
- Age-adjusted suicide rates for youths aged between 15-19 years old have worsened in the County and the State.

Mental Distress

Frequent mental distress during the past month among adults, age-adjusted percentage

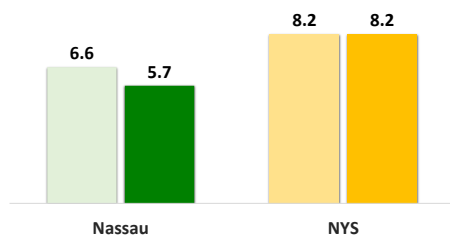


Percentage of adults who have experienced two or more adverse childhood experiences (ACEs)

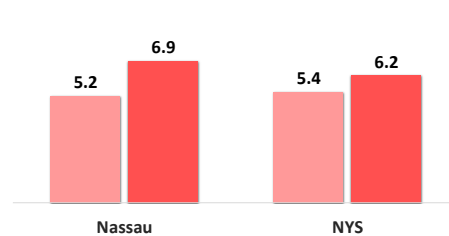


Suicides

Suicide mortality, age-adjusted rate per 100,000 population



Suicide mortality among youth, rate per 100,000, aged 15-19 years



Insert quote on mental health from Suffolk County focus group if avail. If not avail – drop a stat on child hood mental health

Well-Being, Mental Health & Substance Use Disorders



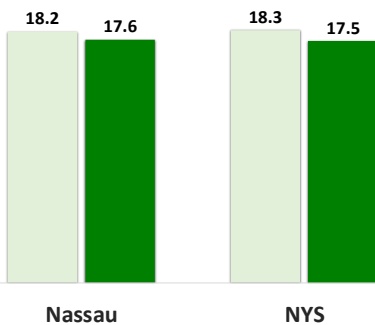
Findings:

- The age-adjusted percentage of binge drinking, reported in the past month, remained improved in the County and the State overall
- The rate of alcohol related motor vehicle injuries have noticeably improved in the County
- The age-adjusted opioid overdose death rate remained stable since 2015, having peaked in 2017, for both the County and the State overall
- The rate of opioid overdose ED visits have noticeably decreased in the County and the State overall
- The age-adjusted opioid analgesic prescription rates declined for both the County and the State
- The rate of buprenorphine prescriptions have decreased in the County while it increased in the State

Substance Abuse

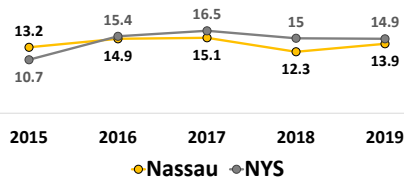
Binge Drinking

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



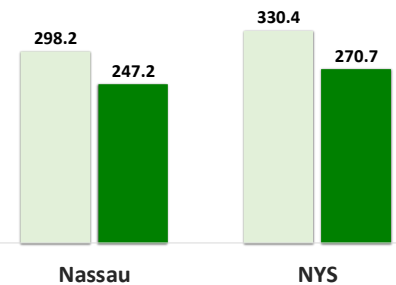
Opioid Overdose Deaths

Overdose deaths involving any opioids, age-adjusted rate per 100,000 population



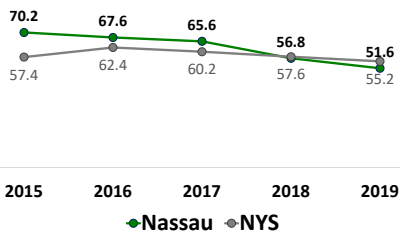
Prescribed Opioid Use

Opioid analgesic prescription, age-adjusted rate per 1,000 population



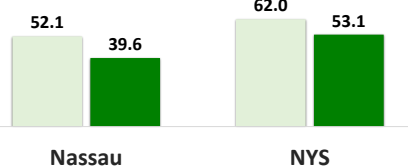
Drunk Driving

Alcohol related motor vehicle injuries and deaths per 100,000



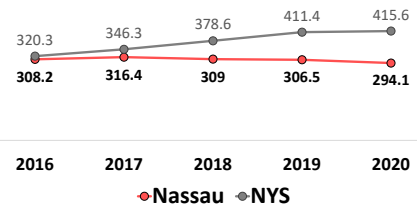
Opioid Overdose ED Visits

ED visits (incl outpatients & admitted patients) involving any opioid overdose, age-adjusted rate per 100,000 population



Buprenorphine Use

Patients who received at least one buprenorphine prescription for opioid use disorder, age-adjusted rate per 100,000 population



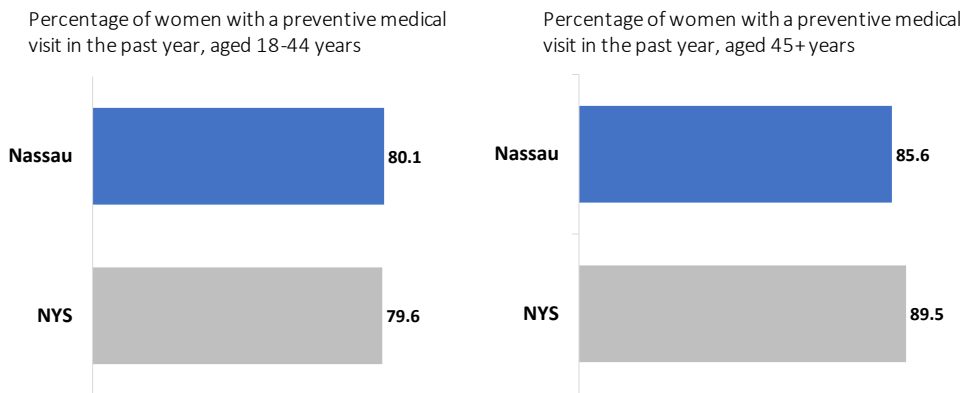
Healthy Women, Infants, & Children



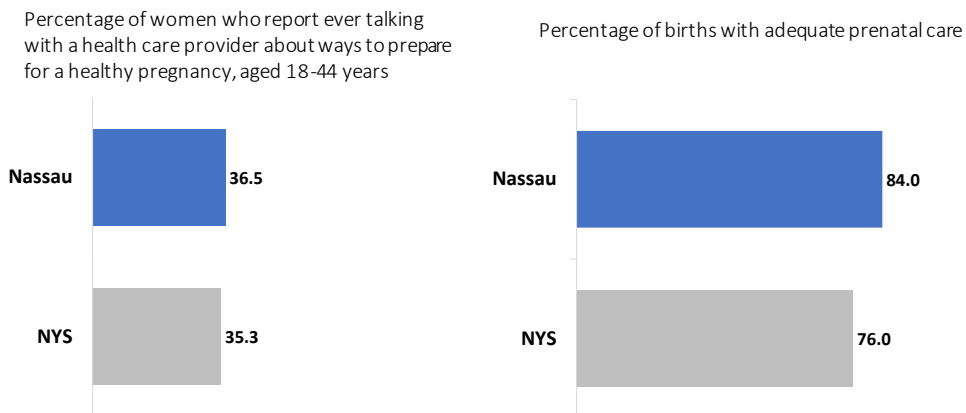
Findings:

- The County and NYS percentages of women aged 18-44 and 45+ receiving a preventive medical visit are 80.1% and 85.6% respectively
- In the County, 36.5% of women aged 18-44 reported talking with a health care provider about ways to prepare for a healthy pregnancy as compared to only 35.3% in NYS.
- The percentage of births with adequate prenatal care in the County are 84% and 76% for the County and the State, respectively.

Preventive Care



Prenatal Care



Healthy Women, Infants, & Children

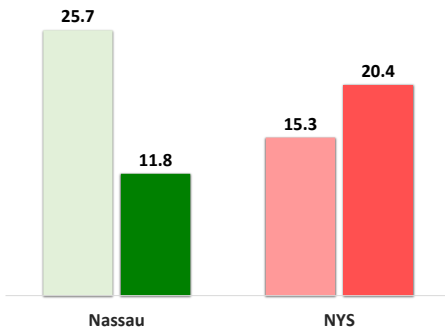


Findings:

- The maternal mortality rate significantly improved in the County (25.7 to 11.8 per 100,000 live births) but worsened in the State (15.3 to 20.4 per 100,000 live births)
- The percentage of births to women aged 25+ without a high school education declined in the County and the State
- The percentage of premature births remained relatively stable in both the County and the State
- The County had a noticeably higher percentage of cesarean section births compared to the State (36.7% vs 33.2%), however the trends were stable

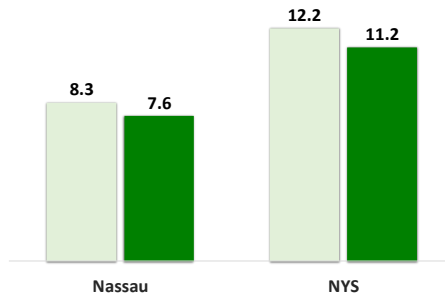
Maternal Mortality

Maternal mortality rate per 100,000 live births



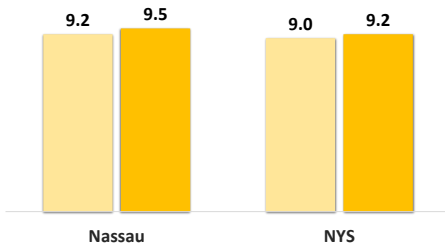
Maternity & Education

Percentage of births to women aged 25 years and older without a high school education

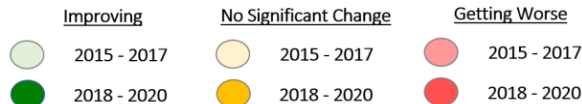
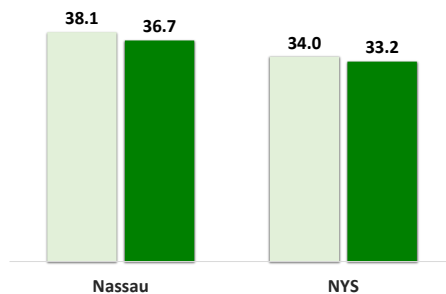


Complicated Births

Percentage of premature births with <37 weeks gestation



Percentage of births delivered by cesarean section



Healthy Women, Infants, & Children



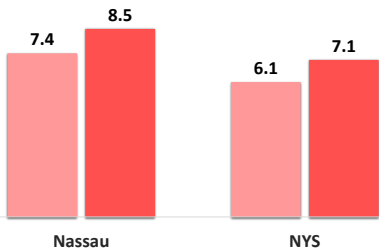
Findings:

- The percentage of pregnant women in WIC who have gestational diabetes rose in the County and the State
- The percentage of pregnant women in WIC with hypertension improved in the County but worsened in the State
- The percentage of pregnant women in WIC with 1st trimester prenatal care improved in both the County and the State
- The percentage of women in WIC who were pre-pregnancy underweight remained flat for the County and the State
- Compared to the State, the County had a higher percent of women in WIC who were pre-pregnancy overweight which have remained flat; however, the percentage of women in WIC who were pre-pregnancy obese have worsened in the County and the State

Pregnancy, Poverty & Comorbidities

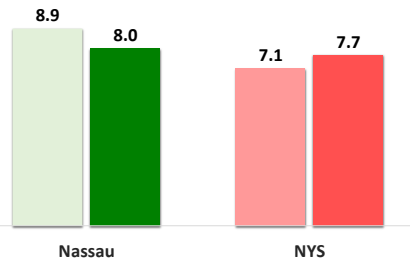
Gestational Diabetes

Percentage of pregnant women in WIC with gestational diabetes



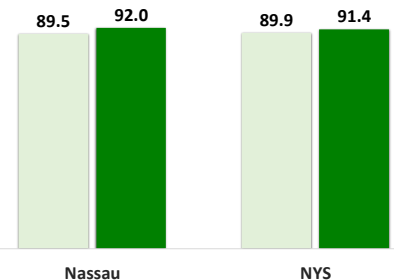
Hypertension

Percentage of pregnant women in WIC with hypertension during pregnancy



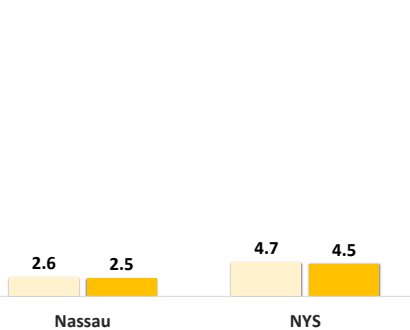
1° Trimester Prenatal Care

Percentage of pregnant women in WIC with early (1st trimester) prenatal care



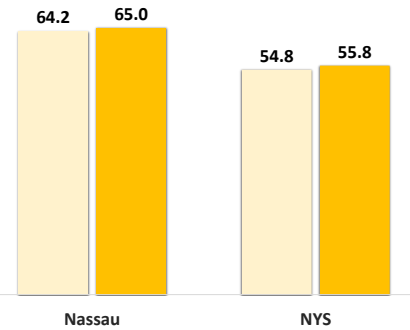
Underweight

Percentage of pregnant women in WIC who were pre-pregnancy underweight (BMI less than 18.5)



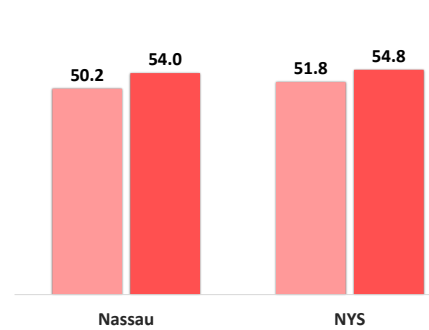
Overweight

Percentage of pregnant women in WIC who were pre-pregnancy overweight but not obese (BMI 25 to less than 30)



Obesity

Percentage of pregnant women in WIC who were pre-pregnancy obese (BMI 30 or higher)



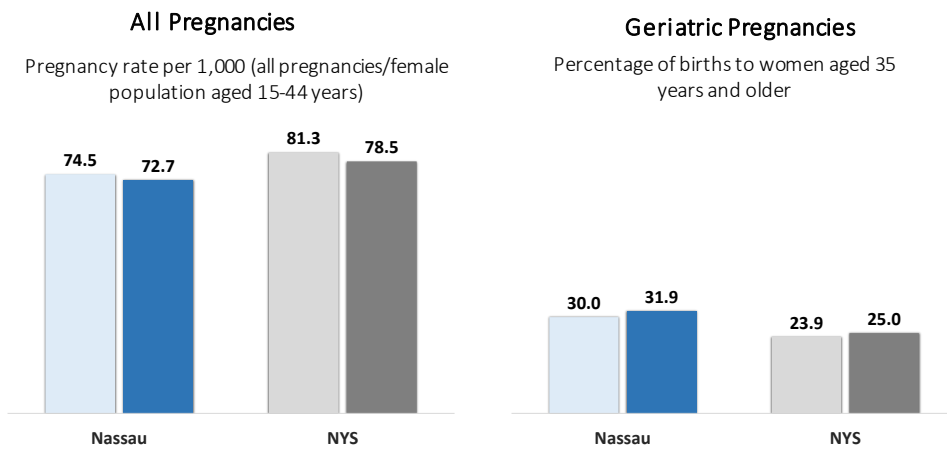
Healthy Women, Infants, & Children



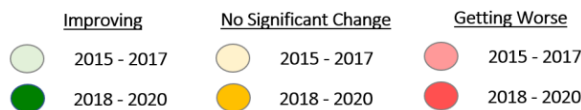
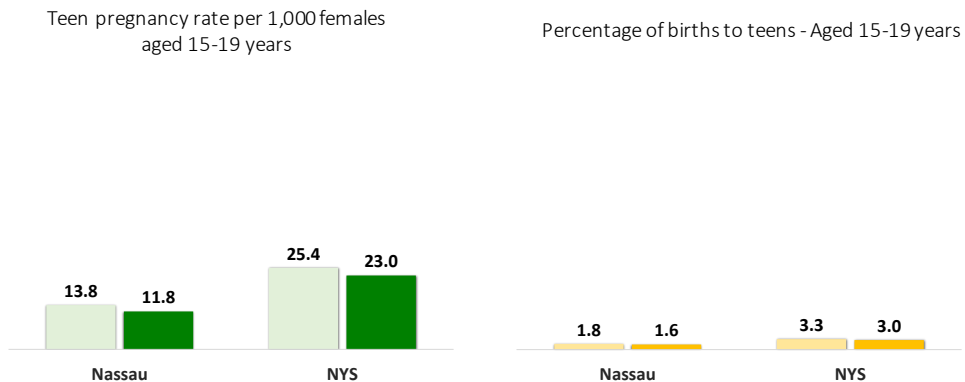
Findings:

- The pregnancy rate is lower in the County than in the State; both have experienced slight declines
- The percentage of geriatric pregnancies, defined as births to women aged 35 years or older, was slightly higher in the County than in the State
- Teen pregnancy rates improved for both County and State but the County has a considerably lower rate per 1,000 females from 15-19 years old (11.8 vs 23.0 respectively)
- The percentage of births to teens did not change overtime in either the County or the State

Pregnancy Rates



Teen Pregnancy Rates



Healthy Women, Infants, & Children



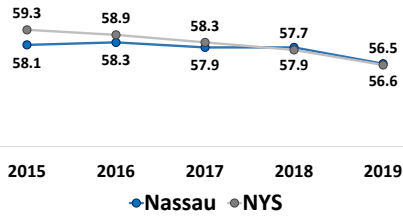
Findings:

- The fertility rate declined steadily among women aged 15-44 in the County and the State
- The teen fertility rate declined slightly in both the County and State.
- The abortion ratio in the County slightly decreased in the County and the State

Fertility Rates

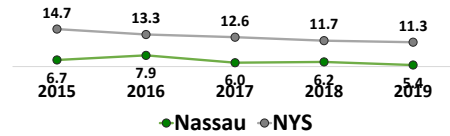
All Fertility Rates

Fertility rate per 1,000 females - Aged 15-44 years



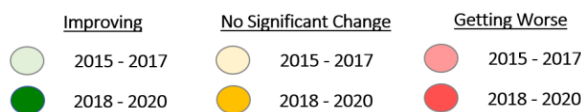
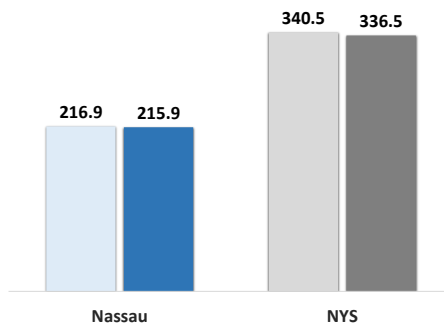
Teen Fertility Rates

Teen fertility rate per 1,000 (births to mothers aged 15-19 years/female population aged 15-19 years)



Abortions

Abortion ratio (induced abortions per 1,000 live births) - All ages



Healthy Women, Infants, & Children



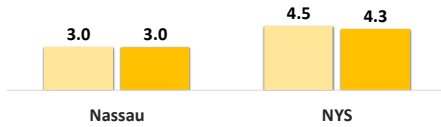
Findings:

- The infant mortality rate per 1,000 live births (<1 year) has remained flat in the County and the State
- The percentage of low birthweight singleton births (<2.5 kg) increased since 2015 for both the State and the County
- The crude rate of newborns with any diagnosis relating to maternal drug use showed marked improvements in both the County and the State

Infants

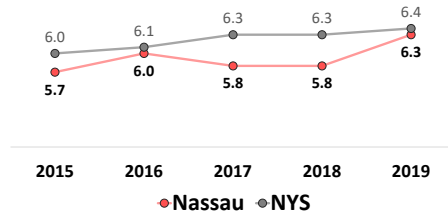
Mortality Rate

Mortality rate per 1,000 live births - Infant (<1 year)



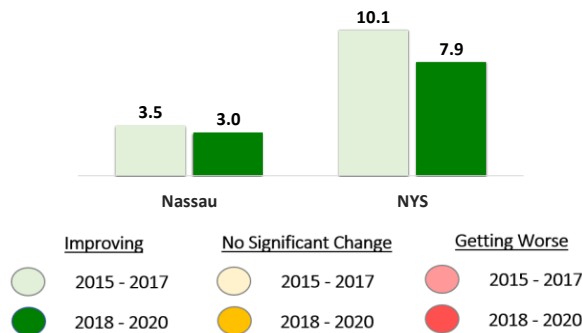
Low Birthweight

Percentage low birthweight (<2.5kg) singleton births



Newborn Withdrawals

Newborns with neonatal withdrawal symptoms and/or affected by maternal use of drugs of addiction (any diagnosis), crude rate per 1,000 newborn discharges



Healthy Women, Infants, & Children



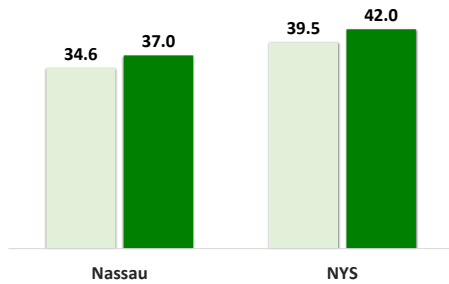
Findings:

- The percentage of 6-month-old infants enrolled in WIC who were breastfed improved for both the County and the State; however the County still has a lower rate compared to the State
- The percentage of infants who were supplemented with formula in the hospital remained stable in the County and State although the County rate was slightly higher
- The percentage of infants exclusively breastfed in the hospital remained flat in both County and State
- The percentage of Black non-Hispanic infants exclusively breastfed improved in the County and remained flat in the State
- The percentage of Hispanic infants exclusively breastfed remained flat for both the County

Breastfeeding

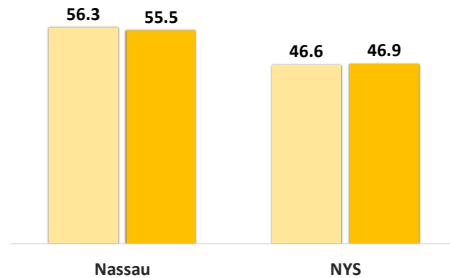
At 6 Months

Percentage of infants enrolled in WIC who are breastfed at 6 months among all WIC infants



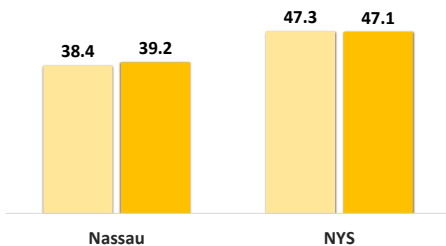
Formula Supplementation

Percentage of infants supplemented with formula in the hospital among breastfed infants



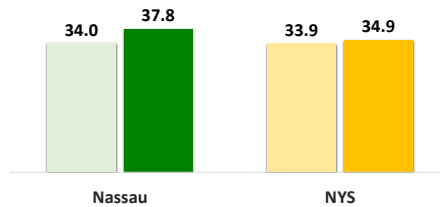
All Infants

Percentage of infants who are exclusively breastfed in the hospital among all infants



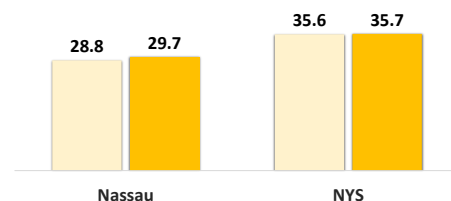
Black Infants

Percentage of infants who are exclusively breastfed in the hospital among Black non-Hispanic infants



Hispanic Infants

Percentage of infants who are exclusively breastfed in the hospital among Hispanic infants



Healthy Women, Infants, & Children

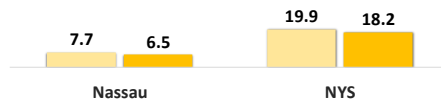


Findings:

- The percentage of children in poverty remained relatively flat for both County and State, however the County has only a third of the rate of childhood poverty statewide
- Roughly 63.2% of children aged 3 to 4 in the County and the State are enrolled in early education
- Over 97% of children below the age of 19 have health insurance coverage on the County and State-levels.

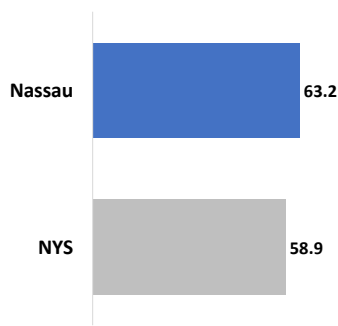
Childhood Poverty

Percentage of children aged <18 years below poverty



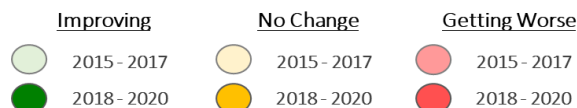
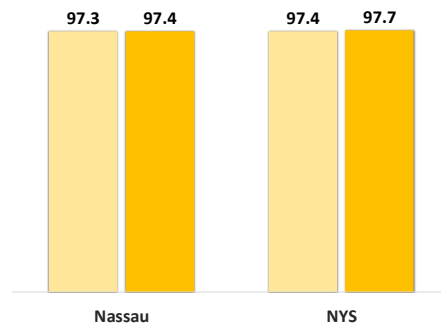
Early Education

Percentage of children aged 3 to 4 years old who enrolled in schools among population aged 3 to 4 years old



Childhood Insurance Coverage

Percentage of children aged <19 years with health insurance



Healthy Women, Infants, & Children



Findings:

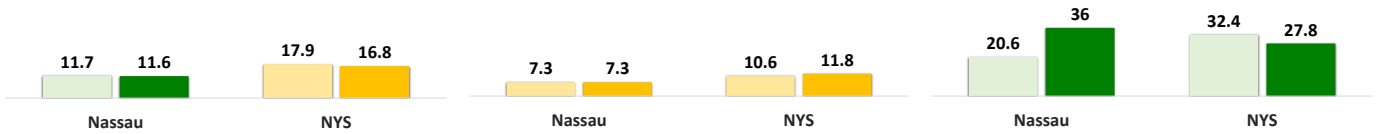
- The mortality rate for children aged 1-4 declined in the County but remained flat in the State
- The mortality rate for children aged 5-14 remained flat in the County and the State
- The mortality rate for youth aged 15-19 declined in the County and the State
- The trend in teenage suicides has worsened in the County (going from 5.2 to 6.9 per 100,000 population of 15-19 year olds), and in the State (5.4 to 6.2)

Pediatric Deaths

Mortality rate per 100,000 - Aged 1-4 years

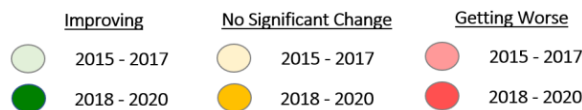
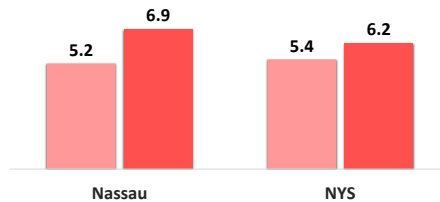
Mortality rate per 100,000 - Aged 5-14 years

Mortality rate per 100,000 - Aged 15-19 years



Youth Suicide

Suicide mortality among youth, rate per 100,000, aged 15-19 years



Healthy Women, Infants, & Children

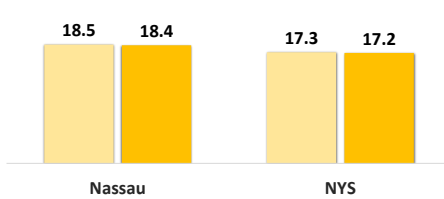


Findings:

- The percentage of children and adolescents with obesity remained flat for both the County and the State
- The percentage of obese children aged 2-4 in WIC remained flat in the State but improved in the County; the County rates are relatively higher
- Rates of asthma related ED visits for youth aged 0-17 steadily declined in the County and the State
- The rate of outpatient visits for dental caries among children 3-5 years old improved and has been significantly lower than the State

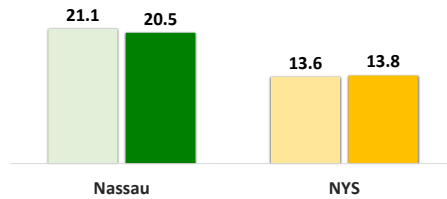
Childhood Obesity

Percentage of children and adolescents with obesity



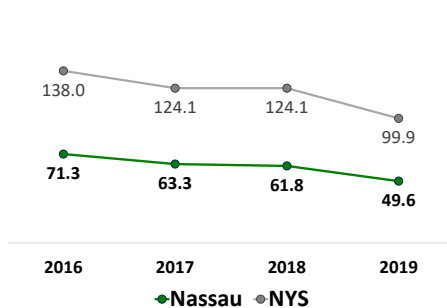
Childhood Obesity & Poverty

Percentage obese (95th percentile or higher) children (aged 2-4 years) in WIC



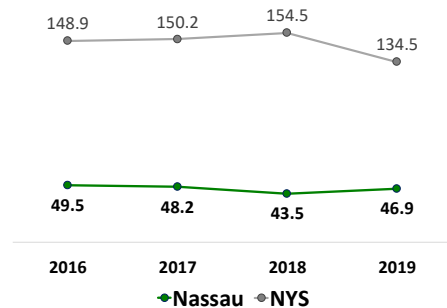
Youth Asthma

Asthma emergency department visits, rate per 10,000, aged 0-17 years



Pediatric Oral Health

Caries outpatient visit rate per 10,000 - Aged 3-5 years



Communicable Diseases

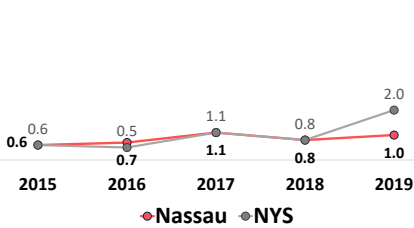


Findings:

- Incidence rates per 100,000 population for hepatitis A have been low, but worsened since 2015, in both the County and the State
- Incidence rates per 100,000 population for acute hepatitis B have been low, but worsened since 2015, in the County
- Rates of chronic hepatitis C cases per 100,000 population improved for both the County and the State
- Age-adjusted rates of sexually transmitted diseases per 100,000 population, such as chlamydia, gonorrhea, and early syphilis all steadily increased since 2015
- Age-adjusted rates per 100,000 population for newly diagnosed HIV cases remained relatively flat for the County but decreased for the State
- Age-adjusted mortality rates per 100,000 population AIDS remained relatively flat for the County but decreased for the State
- Incidence rates for tuberculosis worsened for the County since 2015, while remaining flat for the State

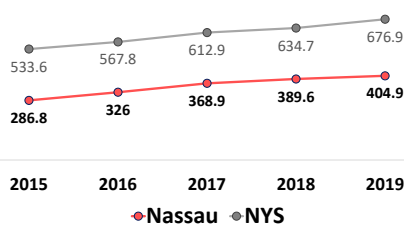
Hepatitis

Hepatitis A incidence per 100,000



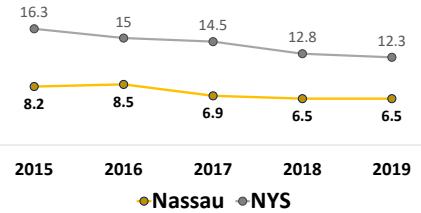
STIs

Chlamydia diagnoses, age-adjusted rate per 100,000 population

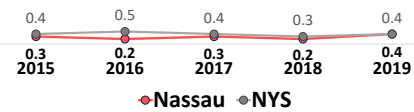


HIV/AIDS

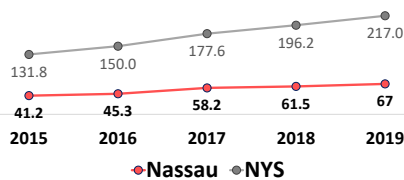
Age-adjusted newly diagnosed HIV case rate per 100,000



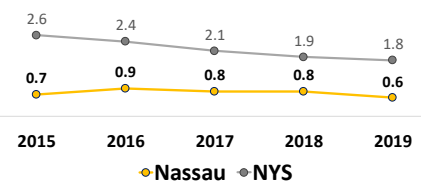
Acute hepatitis B incidence per 100,000



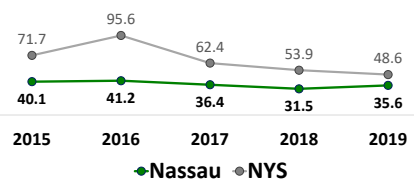
Gonorrhea diagnoses, age-adjusted rate per 100,000 population



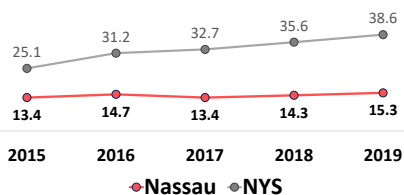
Age-adjusted AIDS mortality rate per 100,000



Chronic Hepatitis C cases per 100,000

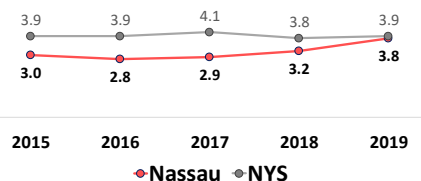


Early syphilis diagnoses, age-adjusted rate per 100,000 population



Tuberculosis

Tuberculosis incidence per 100,000



Communicable Diseases

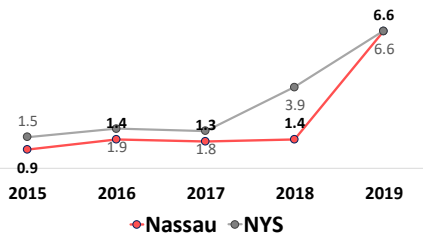


Findings:

- The County's incidence rates got worse for diseases such as E. coli and haemophilus influenza
- The County's incidence rates remained mostly flat for conditions such as mumps, pertussis and meningococcus

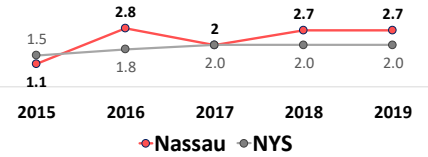
E. coli

E. coli Shiga Toxin incidence per 100,000

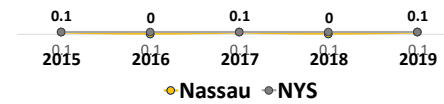


Haemophilus Influenza

Haemophilus influenza incidence per 100,000

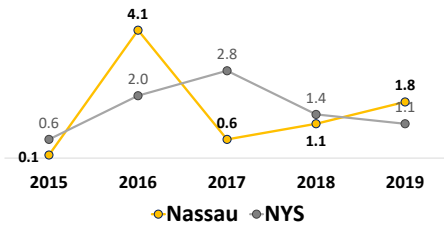


Meningococcus



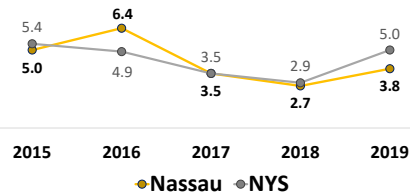
Mumps

Mumps incidence per 100,000



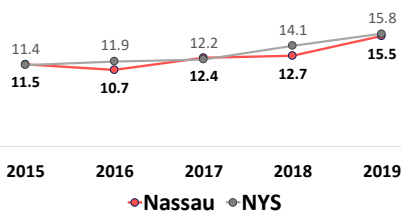
Pertussis

Pertussis incidence per 100,000



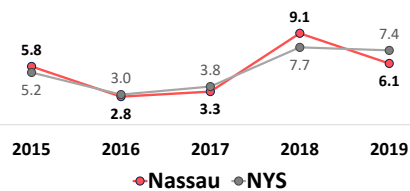
Salmonella

Salmonella incidence per 100,000



Shigella

Shigella incidence per 100,000



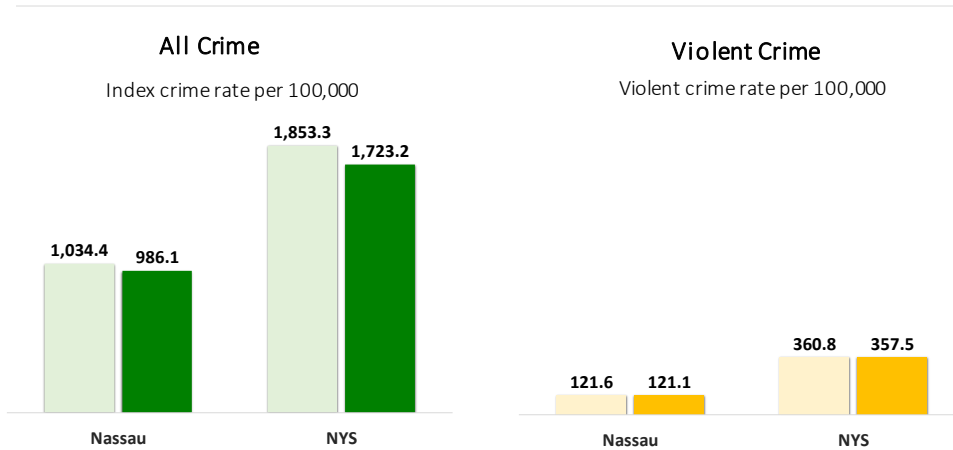
Interpersonal Violence & Safety



Findings:

- The index crime rate has improved for both the County and the State; however, the rates for the County is noticeably lower than the State
- The violent crime rate is markedly lower in the County as compared to the State; the violent crime rate remained stable for both the County and the State
- While the homicide rate remained flat for the State, it got better for the County

Crime



Homicides

Age-adjusted homicide mortality rate per 100,000



Interpersonal Violence & Safety



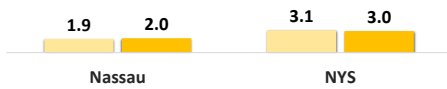
Findings:

- The age-adjusted hospitalization rate for all assaults is slightly lower in the County compared to the State; trends for both State and County remained flat
- Firearm assault-related hospitalizations are very similar between the County and the State and remained flat
- The rate of assault-related hospitalizations ratio between black and white persons remained flat for the County and improved statewide
- The rate of assault-related hospitalizations ratio between Hispanic and white persons increased for the County while remaining flat for the State

Assaults

All Assaults

Age-adjusted assault hospitalization rate per 10,000



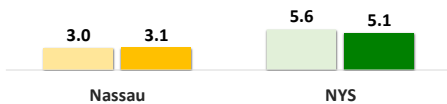
Firearm Assaults

Firearm assault-related hospitalizations, rate per 10,000 population



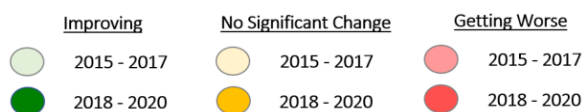
Assaults: Black/White

Assault-related hospitalizations, ratio of rates between Black non-Hispanics and White non-Hispanics



Assaults: Hispanic/White

Assault-related hospitalizations, ratio of rates between Hispanics and White non-Hispanics



Interpersonal Violence & Safety

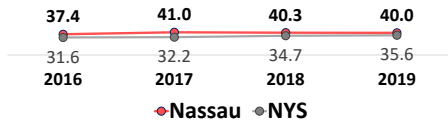


Findings:

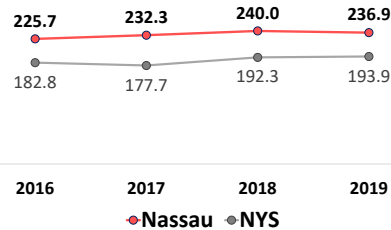
- The age-adjusted hospitalization rate from falls has been higher in the County than in the State; Hospitalizations for adults over 65+ years old were considerably higher in the County than in the State and have worsened over time
- Work-related hospitalizations per 100,000 employed persons increased since 2016 with similar rates in the County and the State
- The ratio of work-related ED visits between black and white individuals was slightly higher in the County compared to the State but remained flat overall

Falls

Age-adjusted falls hospitalization rate per 10,000



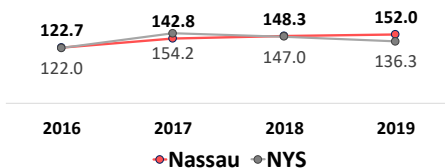
Hospitalizations due to falls among adults, rate per 10,000 population, aged 65+ years



Work-Related Injuries

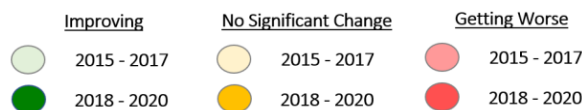
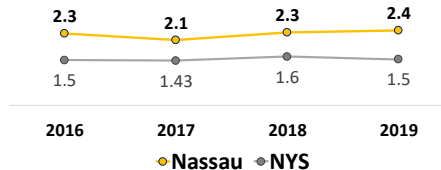
All Hospitalizations

Work-related hospitalizations per 100,000 employed persons aged 16 years and older



ED Visits among Minorities

Work-related emergency department (ED) visits, ratio of rates between Black non-Hispanics and White non-Hispanics



Interpersonal Violence & Safety



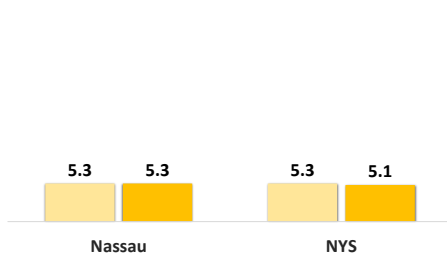
Findings:

- The County had a similar rate of motor vehicle injury and mortality rates per 100,000 compared to the State; the trends remained flat for both
- Alcohol related motor vehicle injuries and deaths declined in the County and the State
- The rate of crash-related pedestrian fatalities worsened in the County but remained stable in the State

Vehicle Injuries & Deaths

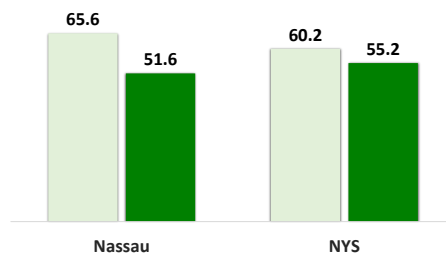
Fatal Accidents

Age-adjusted motor vehicle injury mortality rate per 100,000



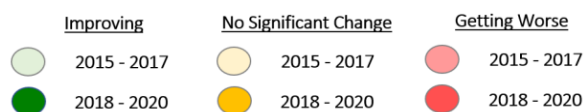
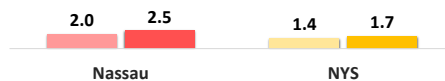
Drunk Driving – Injuries & Deaths

Alcohol related motor vehicle injuries and deaths per 100,000



Pedestrian Deaths

Crash-related pedestrian fatalities, rate per 100,000 population



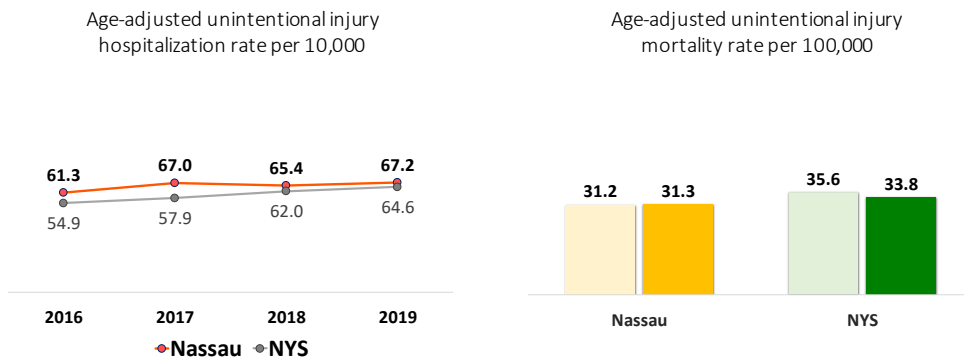
Interpersonal Violence & Safety



Findings:

- Since 2016, the age-adjusted hospitalizations for unintentional injuries steadily increased in both the County and the State
- The age-adjusted mortality rates for unintentional injuries have remained the same for the County but slightly improved for the State
- The hospitalization rate from other injuries including poisonings have been largely unchanged and lower than the State rates; self-inflicted injuries have worsened but remain less than the State rates
- Age-adjusted rate for traumatic brain injury hospitalizations gradually declined in the County while the State did not experience a noticeable change

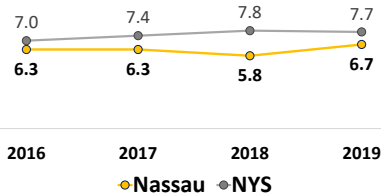
Unintentional Injuries



Other Injuries

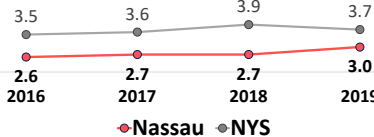
Poisonings

Age-adjusted poisoning hospitalization rate per 10,000



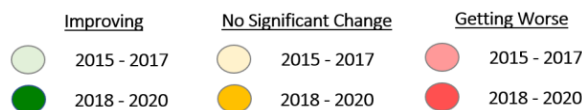
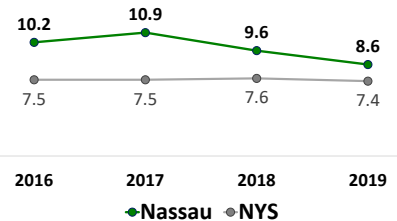
Self-Inflicted Injuries

Age-adjusted self-inflicted injury hospitalization rate per 10,000



Traumatic Brain Injuries

Age-adjusted traumatic brain injury hospitalization rate per 10,000



FREEPORT

A village in the Town of Hempstead located on the South Shore of Long Island in Nassau County. Approximately 32% of residents were born outside the country. The 3 largest ethnic groups in Freeport are: Black or African American (Non-Hispanic), White (Non-Hispanic), and White (Hispanic). The poverty rate in Freeport is 8.0%.

COMMUNITY ASSETS

Food Pantries: Ebenezer SDA Church SK, Long Island Cares/The Nassau Center for Collaborative Assistance, Long Island Council of Churches, Our Holy Redeemer, Perfecting Care Food Pantry, Renacer Outreach Program, Soup to Nuts Inc. Soup Kitchen, The Salvation Army

Northwell Community Programs: Northwell Community Scholars

Parks: Cow Meadow Park, Milburn Creek Park; Freeport Northeast Park, Waterfront Park

School District(s): Freeport Union Free School District

Transportation: Long Island Rail Road, Nassau Inter-County Express Bus



POPULATION



LIFE EXPECTANCY

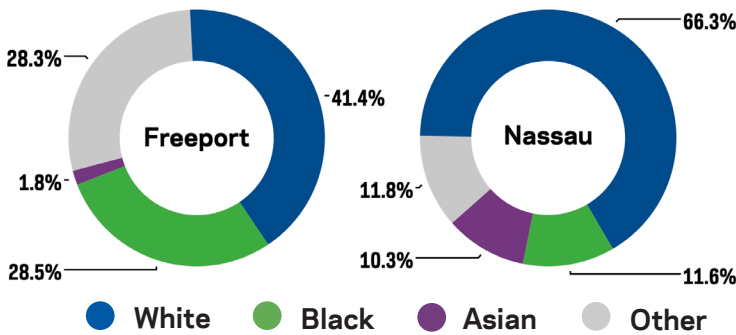


COVID-19 VACCINATION

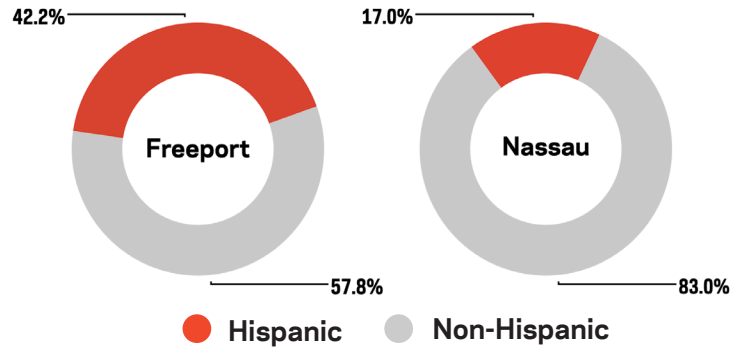
People with completed vaccine series



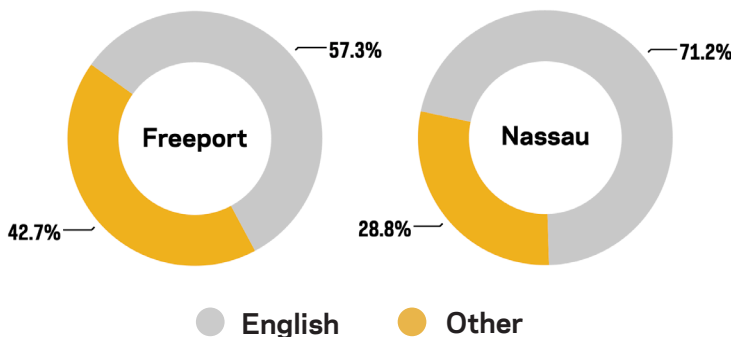
RACE



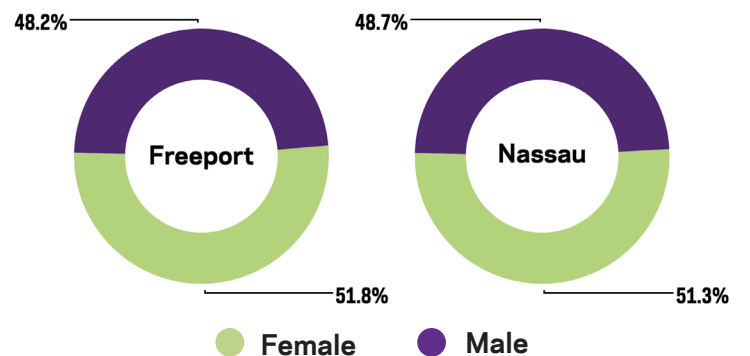
ETHNICITY

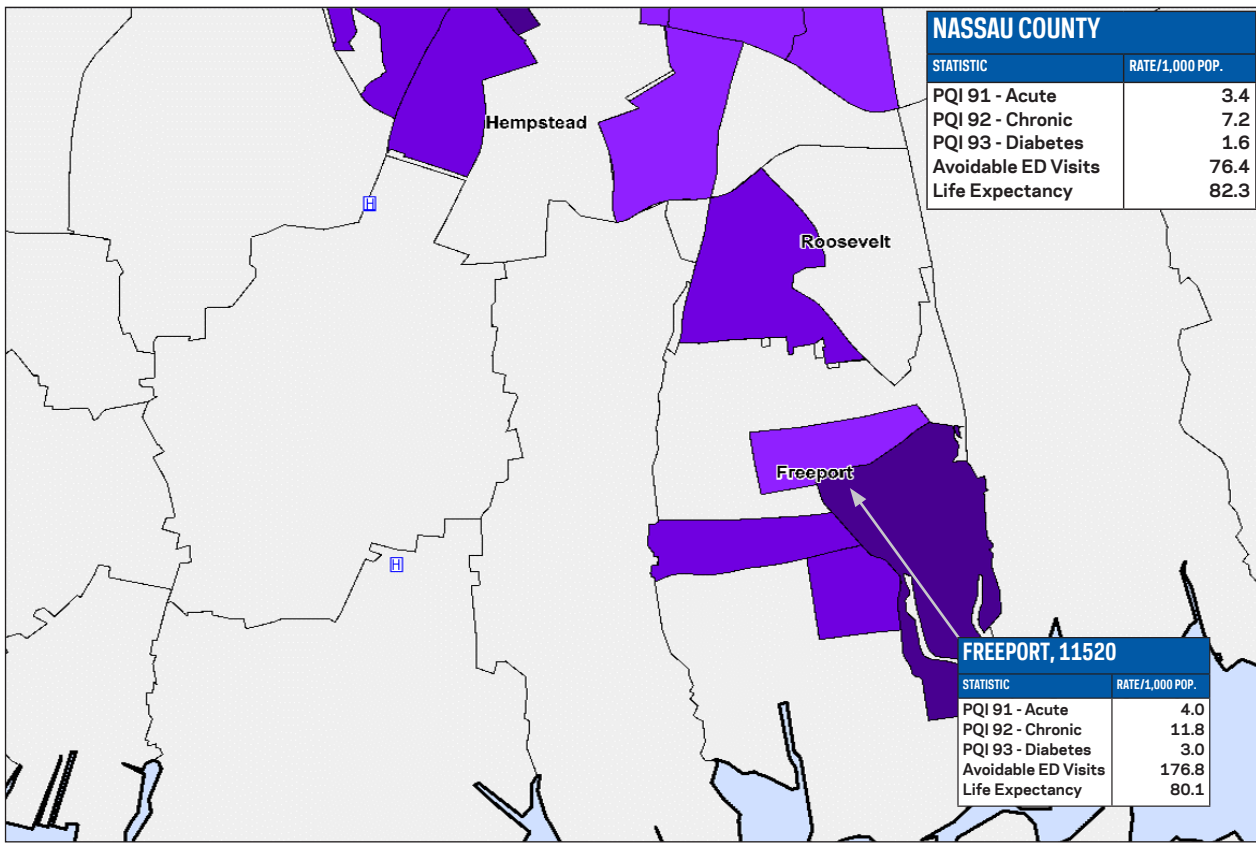


LANGUAGES SPOKEN AT HOME OTHER THAN ENGLISH



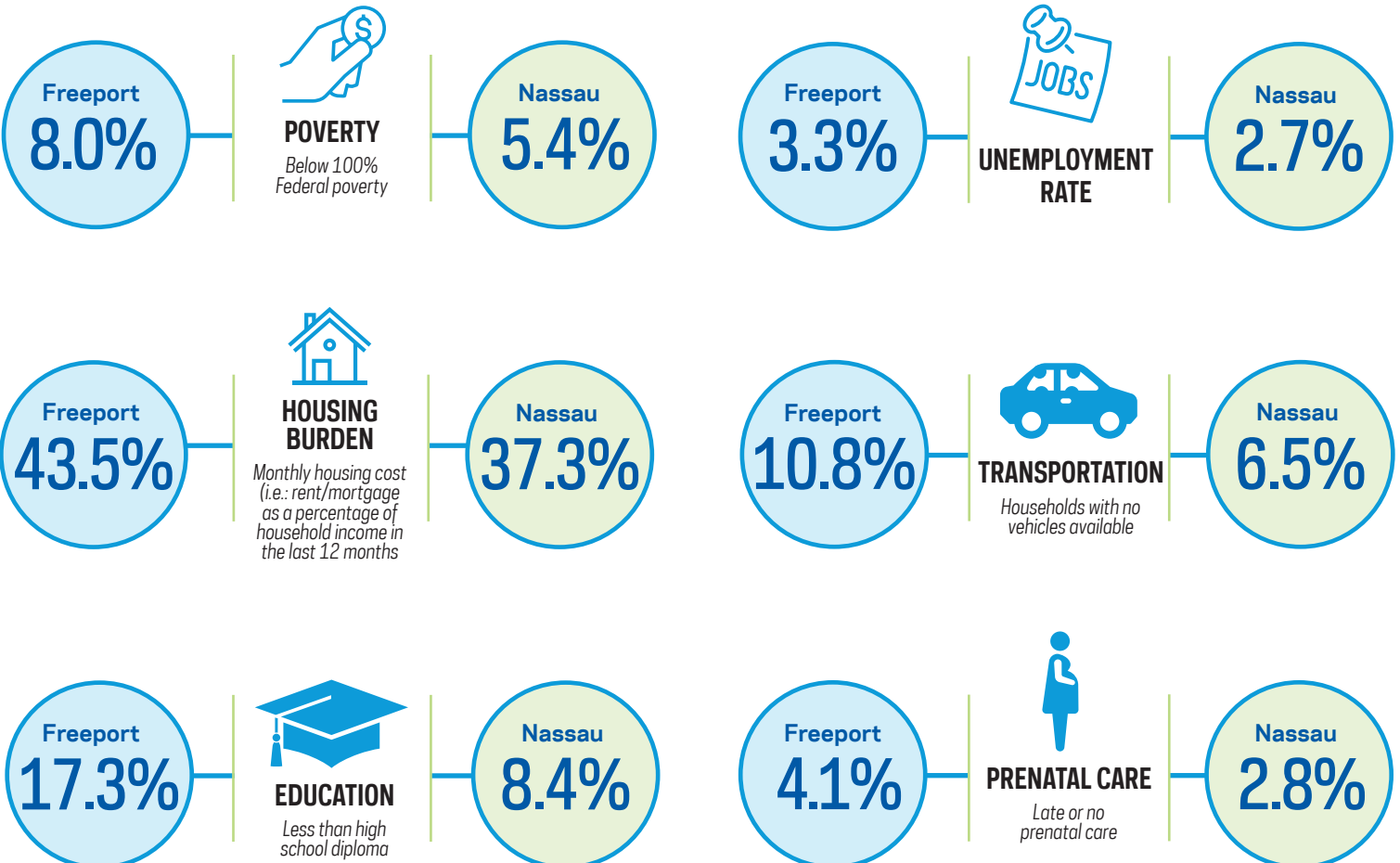
GENDER





- High SVI Score
- ▲ CPN - HUB
- ▲ CPN - SPOKE
- Faith Based – COVID & Flu

Source: NYSDOH SPARCS/mc
 Current faith-based centers include permanent sites; Other faith-based centers were provided by Community Relations; Avoidable ED Visits defined by NYU Algorithm; Prepared by the Office of Strategic Planning



HEMPSTEAD

The village of Hempstead is located within the Town of Hempstead in Nassau County. Approximately 39% of residents were born outside the country. The 3 largest ethnic groups in Hempstead are: Black or African American (Non-Hispanic), Other (Hispanic), and White (Hispanic). The poverty rate in Hempstead is 17.3%.

COMMUNITY ASSETS

Food Pantries: EAC Network, EOC of Nassau County, Faith Baptist Church FP, Hempstead Assembly of God, Interfaith Nutrition Network (INN), New Life Ministries

Northwell Community Partners: The INN

Northwell Community Programs: Northwell Community Scholars, Wellness on Wheels

Parks: Brierley Park, Campbell Park, Kennedy Memorial Park, Lincoln Park

School District(s): Hempstead Union Free School

Transportation: Long Island Rail Road, Nassau Inter-County Express Bus



POPULATION



LIFE EXPECTANCY

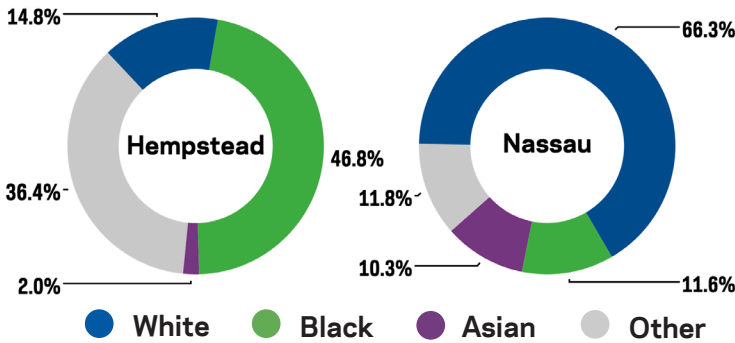


COVID-19 VACCINATION

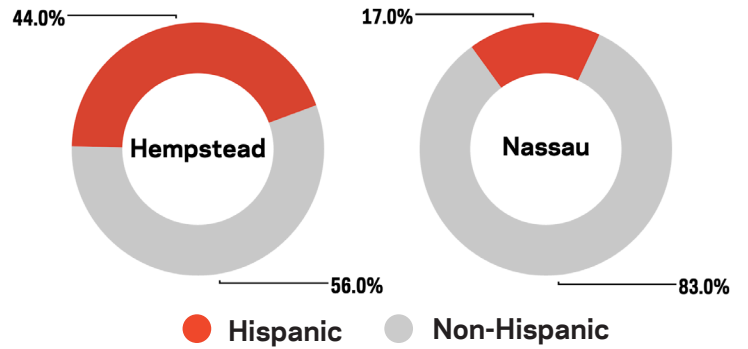
People with completed vaccine series



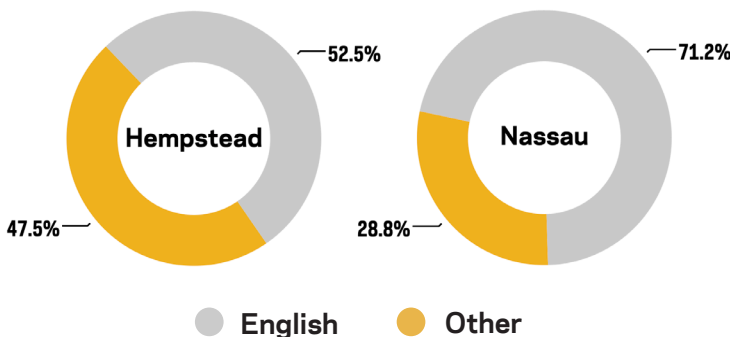
RACE



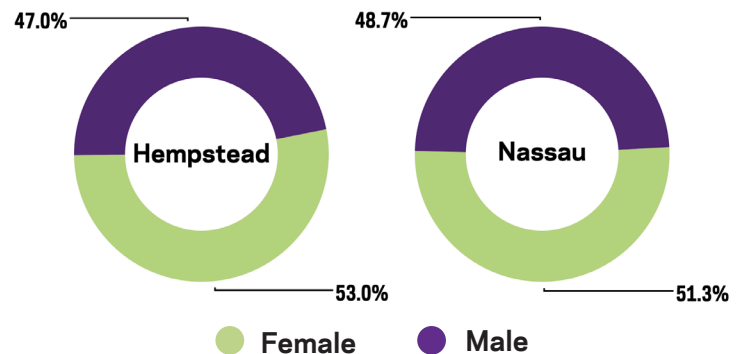
ETHNICITY

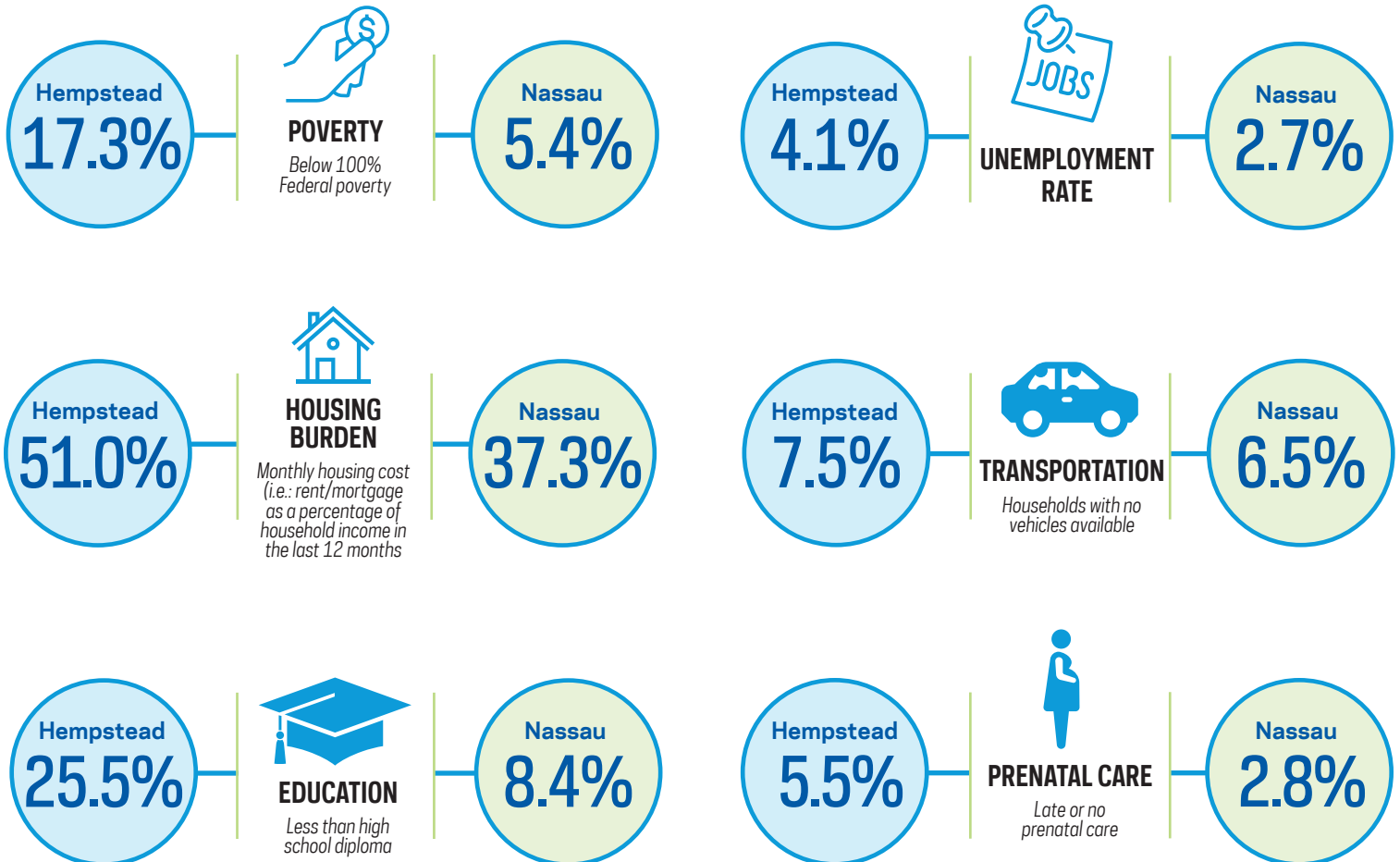
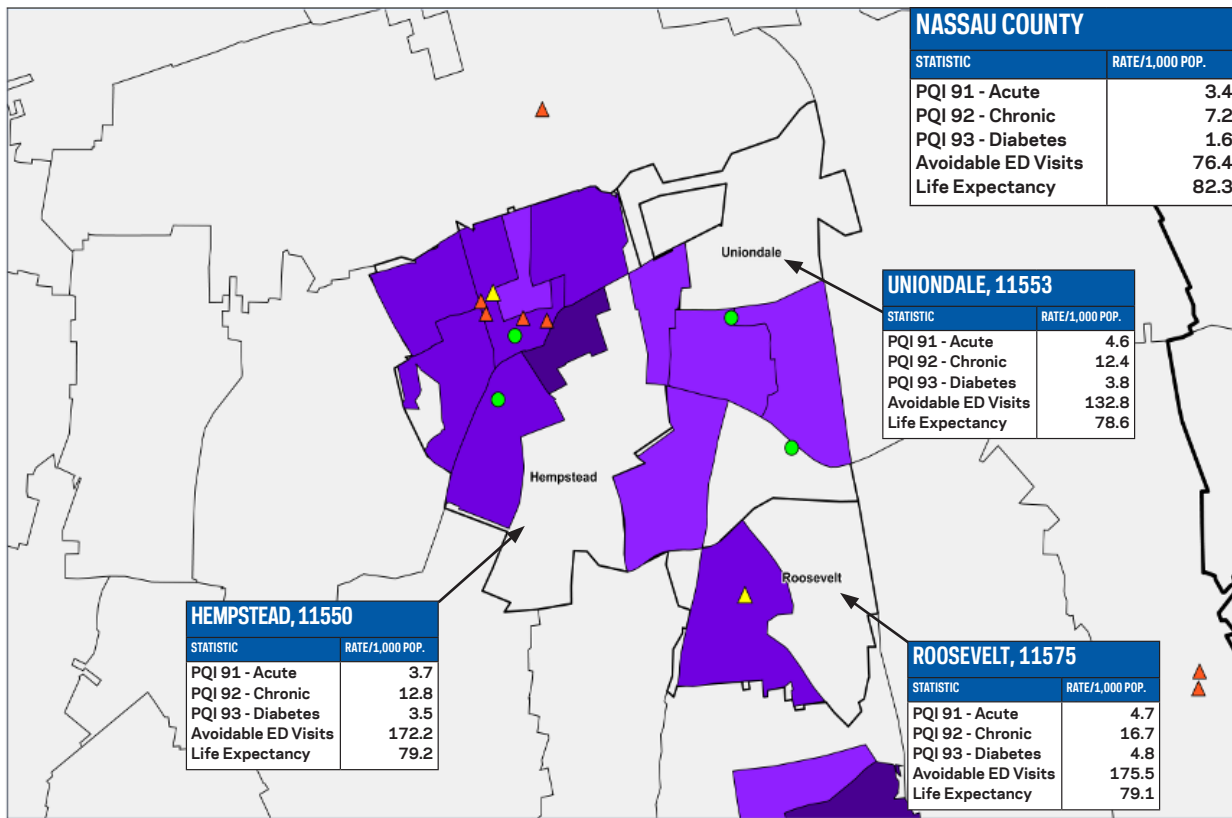


LANGUAGES SPOKEN AT HOME OTHER THAN ENGLISH



GENDER





ROOSEVELT

A hamlet in the Town of Hempstead in Nassau County, on the South Shore of Long Island. Approximately 34% of residents were born outside of the country. The 3 largest ethnic groups in Roosevelt are: Black or African American (non-Hispanic), White (Hispanic), and Other (Hispanic). The poverty rate in Roosevelt is 10.0%.

COMMUNITY ASSETS

Food Pantries: EOC of Nassau County, Presbyterian Memorial Church, Queen of the Most Holy Rosary, Triumphant Agape House

Northwell Community Programs: Healthy Corner Stores

Parks: Centennial Park, Rev. Arthur Macky Sr. Park

School District(s): Roosevelt Union Free School District

Transportation: Long Island Rail Road, Nassau Inter-County Express Bus



POPULATION



LIFE EXPECTANCY

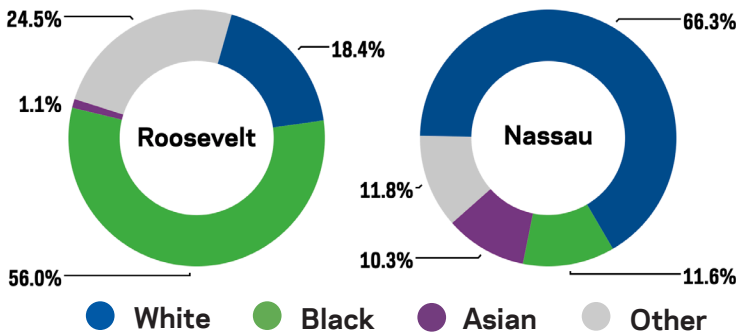


COVID-19 VACCINATION

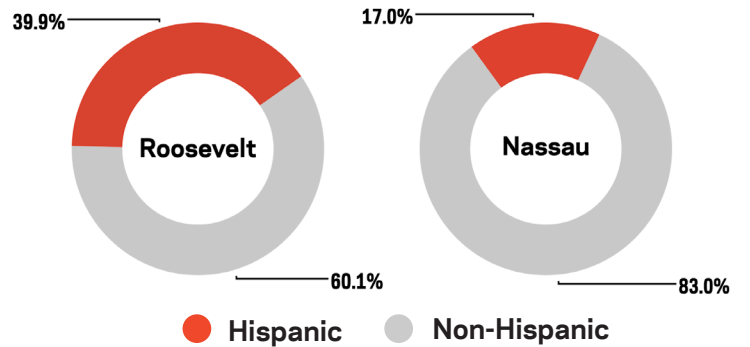
People with completed vaccine series



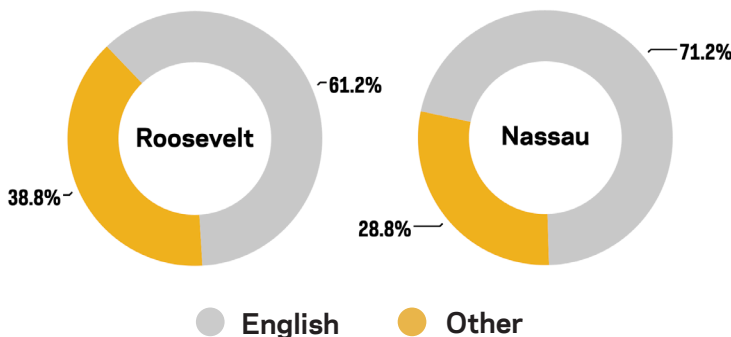
RACE



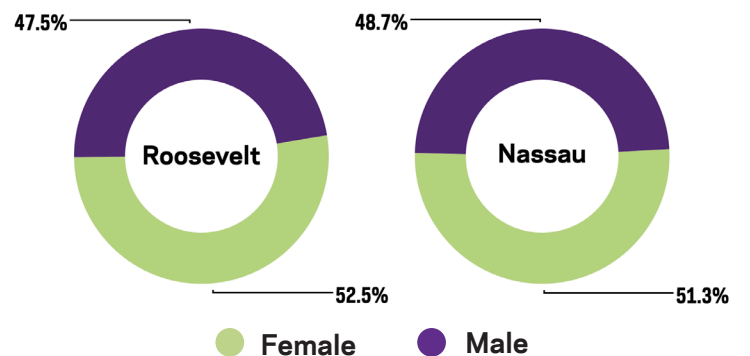
ETHNICITY

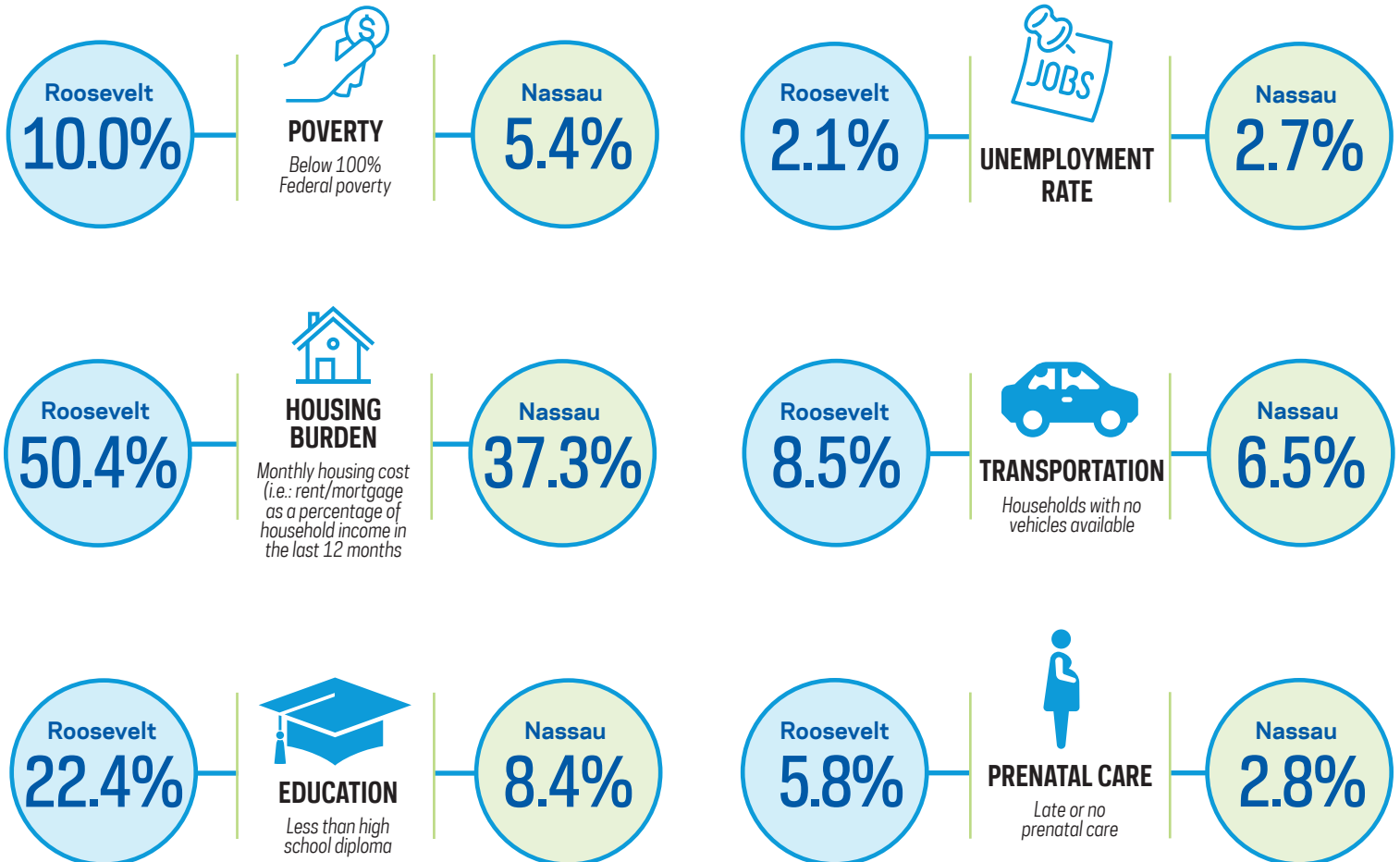
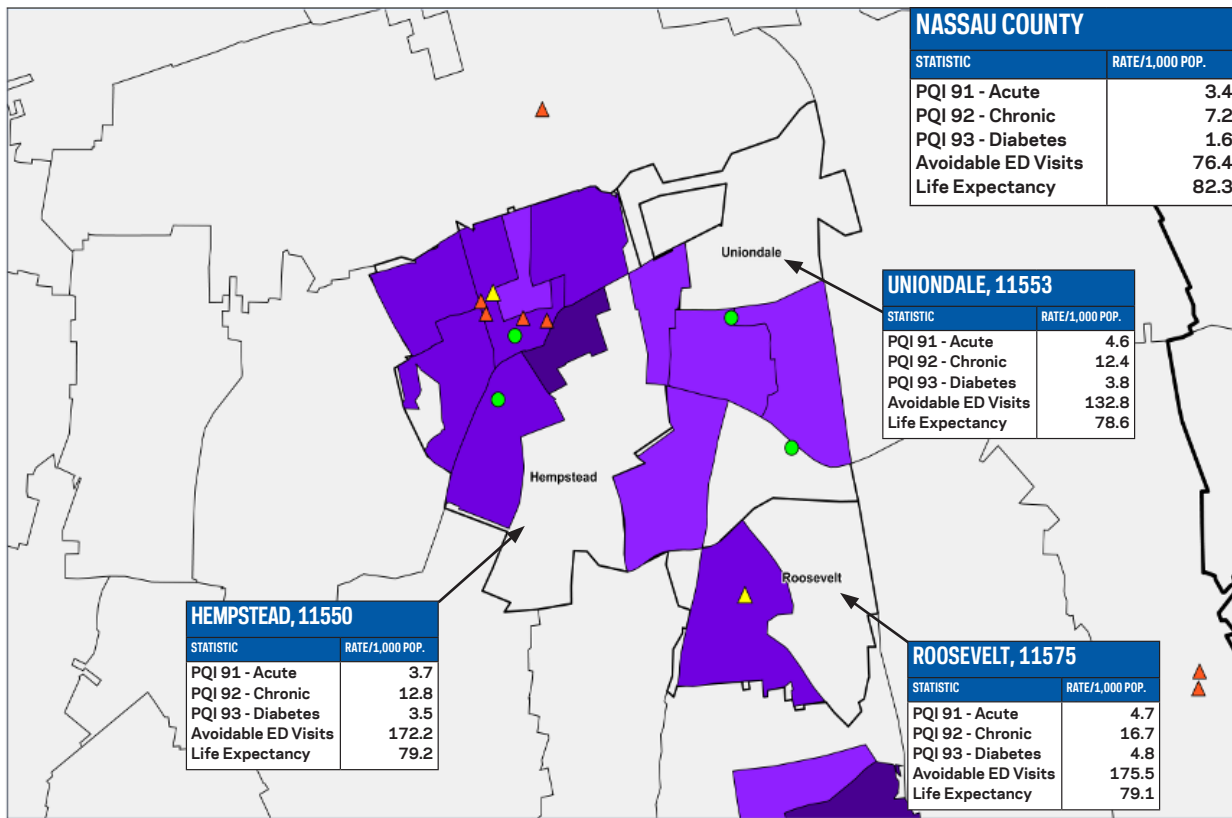


LANGUAGES SPOKEN AT HOME OTHER THAN ENGLISH



GENDER





UNIONDALE

Uniondale is a hamlet and census-designated place in the Town of Hempstead in Nassau County. Approximately 36% of residents were born outside the country. The 3 largest ethnic groups in Uniondale are: Black or African American (Non-Hispanic), White (Hispanic), and White (non-Hispanic). The poverty rate in Uniondale is 12.0%.

COMMUNITY ASSETS

Food Pantries: Lutheran Social Services of NY/New Life Center of LI, St. Matha's Roman Catholic Church

Northwell Community Programs: Wellness on Wheels

Parks: Cedar Street Park, Smith Street Park, Uniondale Park

School District(s): Uniondale Public School District

Transportation: Long Island Rail Road, Nassau Inter-County Express Bus



POPULATION



LIFE EXPECTANCY

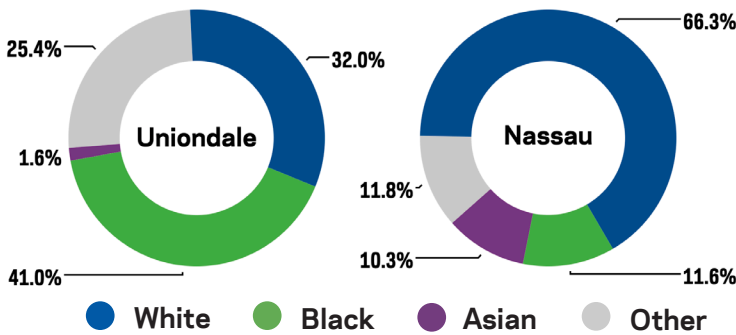


COVID-19 VACCINATION

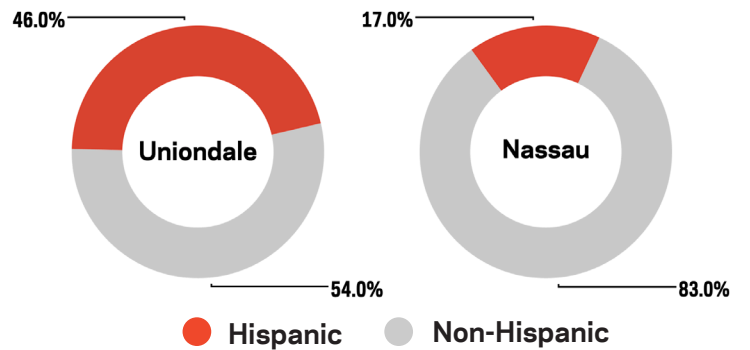
People with completed vaccine series



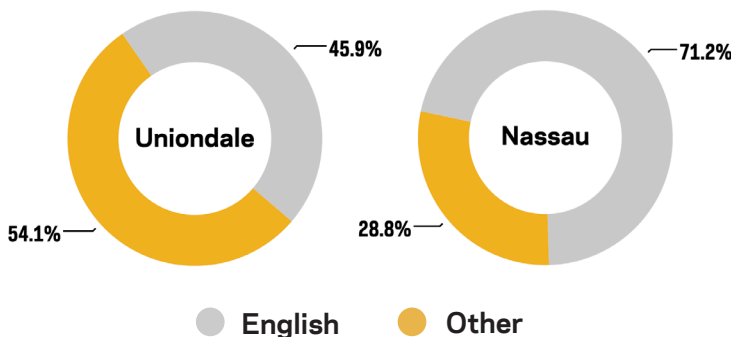
RACE



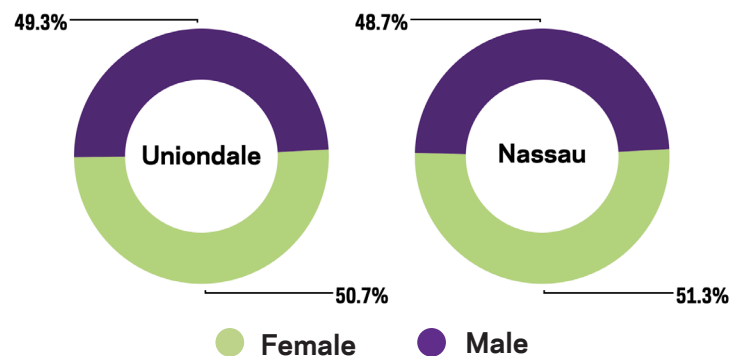
ETHNICITY

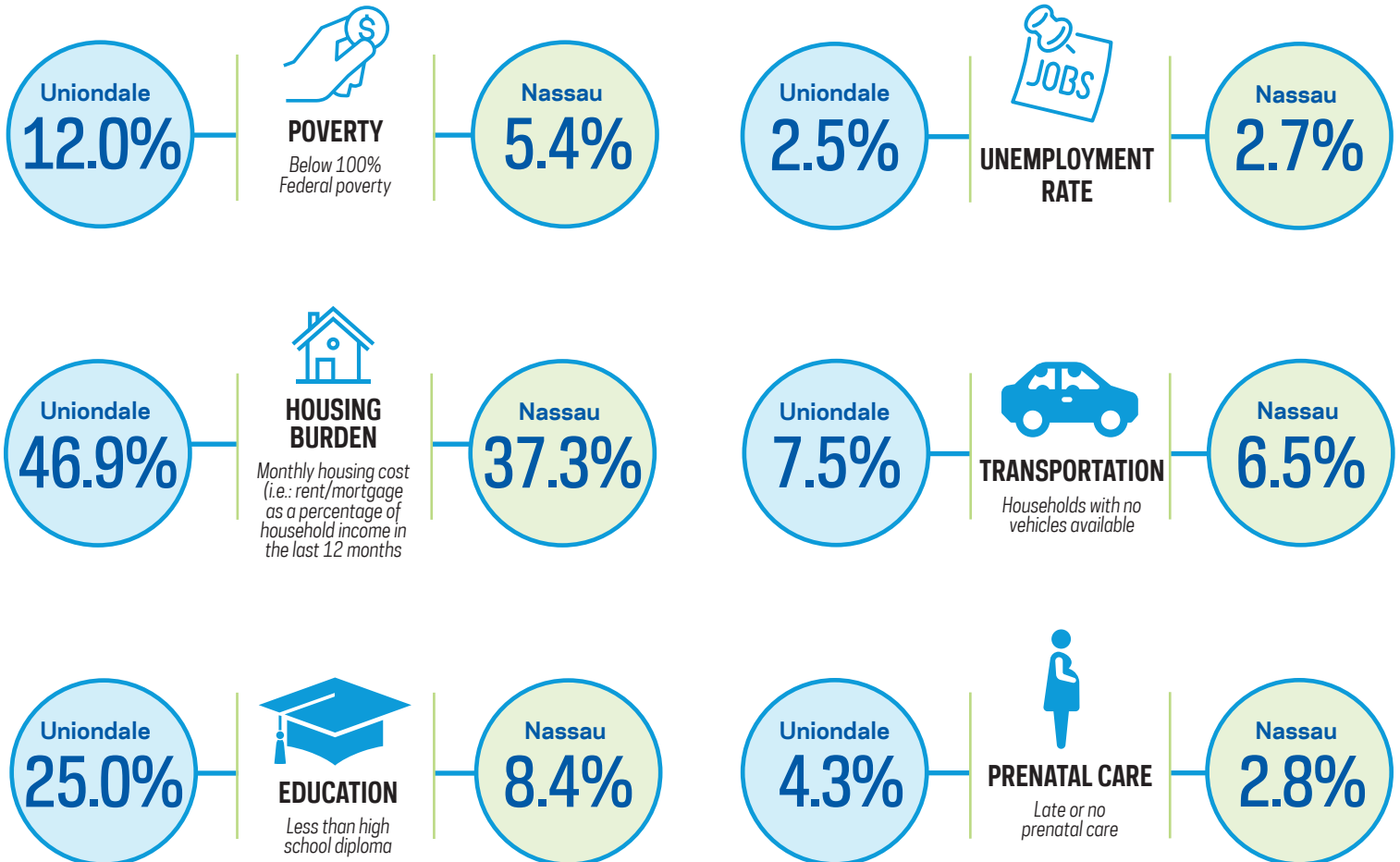
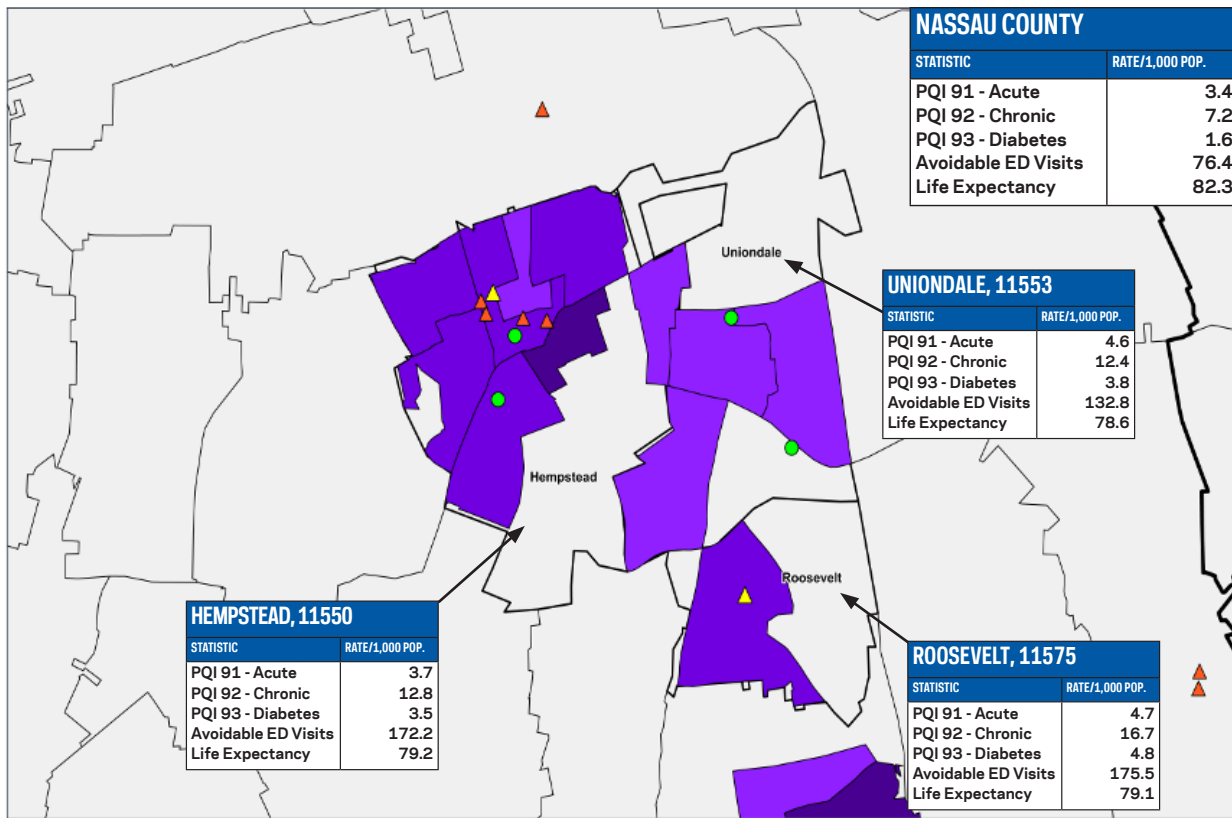


LANGUAGES SPOKEN AT HOME OTHER THAN ENGLISH



GENDER





2022 GNYHA CHNA SURVEY COLLABORATIVE

CHNA SURVEY COLLABORATIVE OVERVIEW

In early 2022, GNYHA offered member hospitals and health systems the opportunity to participate in the GNYHA Community Health Needs Assessment (CHNA) Survey Collaborative. The collaborative supported participating members' primary data collection efforts to meet the requirements of the Federal CHNA and the New York State Community Service Plan (CSP) by gathering information on community health needs and engaging with community members. While not a required element of a CHNA, surveys can be a part of a hospital's CHNA and CSP along with other community engagement efforts and secondary data such as surveillance data from public health departments. The collaborative complemented longstanding GNYHA efforts to support members throughout their CHNA and CSP development and implementation process.

A diverse group of GNYHA member hospitals participated in the 2022 collaborative, including community and safety net hospitals, small health systems, and large academic medical centers. GNYHA developed a health needs assessment survey with member input, made the survey available in 11 languages on paper and online, collected the data and analyzed the results, and created custom reports for each participating hospital. The members recruited participants from their communities to respond to the survey, and more than 17,600 community members responded.

COLLABORATIVE SURVEY DESIGN

The CHNA collaborative survey is an abbreviated version of the [2022 GNYHA Model Community Health Needs Assessment Survey](#). GNYHA members provided input in multiple stages through a collaborative and iterative process. GNYHA developed the survey using best practice approaches in survey design and needs assessment. The survey used validated questions from existing surveys such as the [Centers for Disease Control and Prevention Behavioral Risk Factor Surveillance System \(CDC BRFSS\)](#) and the [New York City Department of Health and Mental Hygiene's Community Health Survey \(NYC CHS\)](#). GNYHA sought to minimize respondent burden by keeping the survey length to a minimum.

Community members could complete the survey online in a format compatible with mobile devices. The members also received copies of the survey in 11 languages (English and the top 10 languages spoken among non-English speakers as designated by New York State), which participants could print and use for data collection. Before the collaborative began, participating hospitals gave GNYHA a list of the counties or zip codes where the hospital would field the survey. GNYHA attributed respondents who lived in a hospital's survey service area to that hospital. Hospitals recruited members of their community to participate in the survey and entered data from paper surveys online. Each hospital received a report with data from respondents who live in that service area.

COLLABORATIVE SURVEY RESULTS

Approximately 17,600 community members responded to the survey, and about 70% completed the entire survey. Community members qualified for the survey if they were age 18 and above and lived within any of the geographic areas identified by the members as their hospital's service area.



During the survey fielding period, GNYHA held member forums in which the members shared best practices and challenges in recruiting community members for the survey. GNYHA produced biweekly geographic and demographic reports summarizing the responses in their service area, which allowed hospitals to adjust their dissemination strategy.

Following the survey's close, GNYHA provided each participant with a report that summarized the survey responses and respondent demographics, and a spreadsheet with the processed respondent-level data for their service area, allowing for participating hospitals to conduct additional analyses. GNYHA also provided technical assistance to each hospital to interpret their results and identify areas of need, and created custom reports as requested by members.

2022 Community Health Survey

We want to improve the health services we offer to people who live in your neighborhood. The information you give us will be used to improve health services for people like yourself.

Completing the survey is voluntary. We will keep your answers private. If you are not comfortable answering a question, leave it blank.

We value your input. Thank you very much for your help.

1 Are you 18 years of age or older?

- Yes
- No → Thank you very much, but we are only asking this survey of people who are ages 18 and older.

2 We want people from all different neighborhoods to take part in this survey. Please tell us the zip code where you live so we can identify your neighborhood.

Zip code: _____

IF YOU PROVIDED A ZIP CODE, PLEASE GO TO PAGE 3. YOU DO NOT NEED TO ANSWER THESE QUESTIONS.

3 Do you live in New York City?

- Yes
- No → Skip to 5

4 If you live in New York City, please select the borough where you live:

- The Bronx → Go on to page 3
- Brooklyn → Go on to page 3
- Manhattan → Go on to page 3
- Queens → Go on to page 3
- Staten Island → Go on to page 3

5 If you do not live in New York City, please tell us the county where you live:

- | | | |
|--|---|--|
| <input type="radio"/> Albany County | <input type="radio"/> Madison County | <input type="radio"/> Tioga County |
| <input type="radio"/> Allegany County | <input type="radio"/> Monroe County | <input type="radio"/> Tompkins County |
| <input type="radio"/> Broome County | <input type="radio"/> Montgomery County | <input type="radio"/> Ulster County |
| <input type="radio"/> Cattaraugus County | <input type="radio"/> Nassau County | <input type="radio"/> Warren County |
| <input type="radio"/> Cayuga County | <input type="radio"/> Niagara County | <input type="radio"/> Washington County |
| <input type="radio"/> Chautauqua County | <input type="radio"/> Oneida County | <input type="radio"/> Wayne County |
| <input type="radio"/> Chemung County | <input type="radio"/> Onondaga County | <input type="radio"/> Westchester County |
| <input type="radio"/> Chenango County | <input type="radio"/> Ontario County | <input type="radio"/> Wyoming County |
| <input type="radio"/> Clinton County | <input type="radio"/> Orange County | <input type="radio"/> Yates County |
| <input type="radio"/> Columbia County | <input type="radio"/> Orleans County | |
| <input type="radio"/> Cortland County | <input type="radio"/> Oswego County | <input type="radio"/> Other_____ |
| <input type="radio"/> Delaware County | <input type="radio"/> Otsego County | |
| <input type="radio"/> Dutchess County | <input type="radio"/> Putnam County | |
| <input type="radio"/> Erie County | <input type="radio"/> Rensselaer County | |
| <input type="radio"/> Essex County | <input type="radio"/> Rockland County | |
| <input type="radio"/> Franklin County | <input type="radio"/> Saratoga County | |
| <input type="radio"/> Fulton County | <input type="radio"/> Schenectady County | |
| <input type="radio"/> Genesee County | <input type="radio"/> Schoharie County | |
| <input type="radio"/> Greene County | <input type="radio"/> Schuyler County | |
| <input type="radio"/> Hamilton County | <input type="radio"/> Seneca County | |
| <input type="radio"/> Herkimer County | <input type="radio"/> St. Lawrence County | |
| <input type="radio"/> Jefferson County | <input type="radio"/> Steuben County | |
| <input type="radio"/> Lewis County | <input type="radio"/> Suffolk County | |
| <input type="radio"/> Livingston County | <input type="radio"/> Sullivan County | |

6 In general, how is the overall health of the people of your neighborhood?

- Poor
- Fair
- Good
- Very good
- Excellent

7 In general, how is your physical health?

- Poor
- Fair
- Good
- Very good
- Excellent

8 In general, how is your mental health?

- Poor
- Fair
- Good
- Very good
- Excellent

9 For each of the following, please tell us: How important is each of the following to you and how satisfied are you with the current services in your neighborhood to address each health issue?

	How important is this issue to you?						How satisfied are you with current services?					
	Don't know	Not at all	A little	Somewhat	Very	Extremely	Don't know	Not at all	A little	Somewhat	Very	Extremely
1 Access to healthy/nutritious foods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2 Adolescent and child health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 Arthritis/disease of the joints	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4 Asthma/breathing problems or lung disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 Cancer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6 Cigarette smoking/tobacco use/vaping/ e-cigarettes/hookah	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 COVID-19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8 Dental care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9 Diabetes/elevated sugar in the blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10 Heart disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11 Hepatitis C/liver disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12 High blood pressure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13 HIV/AIDS (Acquired Immune Deficiency Syndrome)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14 Infant health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15 Mental health/depression	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16 Obesity in children and adults	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17 Sexually Transmitted Infections (STIs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18 Stopping falls among elderly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19 Substance use disorder/drug addiction (including alcohol use disorder)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20 Violence (including gun violence)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21 Women's and maternal health care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10 **What are your COVID-19 needs?** (Select all that apply)

- At-home COVID-19 tests
- Boosters for COVID-19
- In-person testing for COVID-19 (e.g., doctor's office, pharmacy, mobile van)
- Personal protective equipment (e.g., masks, hand sanitizer, face shields, gloves)
- Treatment for COVID-19
- Reliable source(s) of information on COVID-19
- COVID-19 vaccination

11 **In the last 12 months, was there a time when you needed medical care in-person but did not get it for any reason?**

- Yes
- No → Skip to 13

12 **For which of the following reasons could you not get medical care in-person the last 12 months?**
(Select all that apply)

- I could not afford the cost of care (e.g., copay, deductible)
- I did not have health insurance
- There were no available appointments, or I couldn't get an appointment soon enough
- I could not get through on the telephone to make the appointment
- Once I got there the wait was too long to see the doctor
- I did not have transportation
- I did not have childcare
- Because of COVID-19
- Other
- None of the above

13 **In the last 12 months, was there a time when you needed medical care by video or phone but could not get it for any reason?**

- Yes
- No → Skip to 15

14 For which of the following reasons could you not get medical care by video or phone in the last 12 months? (Select all that apply)

- I could not afford the cost of care (e.g., copay, deductible)
- I did not have health insurance
- There were no available appointments, or I couldn't get an appointment soon enough
- I could not get through on the telephone to make the appointment
- I did not have a computer, phone, or other device to use for the visit
- I did not know how to see the doctor by video or phone
- I did not have internet
- I did not have data or minutes in my phone plan to use for a visit
- I did not have a private place to have my appointment
- Other
- None of the above

15 In the last 12 months, have you experienced any of the following? (Select all that apply)

- Anxiety or depression
- Difficulty paying your rent/mortgage
- Difficulty paying utilities or other monthly bills
- Increased household expenses
- Increased medical expenses
- Hunger or skipped meals because you did not have enough money to buy food
- None of these

16 What type of health insurance do you use to pay for your doctor or hospital bills? Is it insurance through:

- A plan purchased through an employer or union (including plans purchased through another person's employer)
- A plan that you or another family member buys on your own
- Medicare
- Medicaid or other state program
- TRICARE (formerly CHAMPUS), VA, or Military
- Alaska Native, Indian Health Service, Tribal Health Services
- Some other source
- I do not have any kind of health insurance coverage

17 **What is your age?**

18 **Are you...**

- Male
- Female
- Non-binary
- Another gender
- Prefer not to say

19 **Do you describe yourself as...**

- Lesbian or Gay
- Straight, that is not Gay
- Bisexual
- Other
- Prefer not to say

20 **Are you Hispanic or Latino/Latina/Latinx?**

- No
- Yes → Answer 21

21 **Which group best represents your Hispanic or Latino/Latina/Latinx origin or ancestry?**

- Puerto Rican
- Dominican
- Mexican
- Ecuadorian
- Colombian
- Cuban
- Other Central American
- Other South American
- Other

22 **Which one or more of the following would you say is your race?** (Select all that apply)

White

Black or Black American → Answer 23

23 **Some people in addition to being Black, have a certain heritage or ancestry. Do you identify with any of these?** (Select all that apply)

African American

Caribbean or West Indian

A recent immigrant or the child of recent immigrants from Africa

Other

Asian → Answer 24

24 **Please tell me which group best represents your Asian heritage or ancestry?**

Chinese

Asian Indian

Filipino

Korean

Japanese

Vietnamese

Other

Middle Eastern or North African

Native Hawaiian or Other Pacific Islander

American Indian, Native, First Nations, Indigenous Peoples of the Americas, or Alaska Native

Other

25 **What is the highest grade or year of school that you have completed?**

Grades 8 (Elementary) or less

Grades 9 through 11 (Some High School)

Grade 12 or GED (High School Graduate)

Some college or technical school

College graduate or more

26 **Including yourself, how many people usually live or stay in your home or apartment?**

_____ person(s)

27 **What is the primary language you speak at home?**

- English
- Spanish
- Mandarin
- Cantonese
- Russian
- Yiddish
- Bengali
- Korean
- Haitian Creole
- Italian
- Arabic
- Other

28 **What is your current employment status? Select the category that best describes you.**

- Employed full-time for wages or salary
- Employed part-time for wages or salary
- Self-employed
- Out of work for 1 year or more
- Out of work for less than 1 year
- A homemaker
- A student
- Retired
- Unable to work

29 **What is your household's annual household income from all sources, before taxes, in the last year?**

By household income we mean the combined income from everyone living in the household including even roommates or those on disability income.

- Less than \$20,000
- \$20,000 to \$29,999
- \$30,000 to \$49,999
- \$50,000 to \$59,999
- \$60,000 to \$74,999
- \$75,000 to \$99,999
- \$100,000 or more

This is the end of the survey. Thank you very much for your help.