New York State
Health Equity Report

County Edition

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Office of Minority Health and
Health Disparities Prevention
Office of Public Health
Office of Science

New York State Department of Health

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Introduction

New York State is growing in its diversity, with residents from a wide range of racial and ethnic backgrounds with unique perspectives on culture, history, language, geography, economy, to name just a few. Health inequalities continue to persist and serve as a justification for integrating health disparities prevention strategies into policy agendas and programmatic initiatives of New York State's public health and health care programs. With the diversity of health needs across the state, the New York State Department of Health (the Department) is dedicated to improving the health of all New Yorkers. This is evident in the Prevention Agenda 2019-2024, which is New York State's health improvement plan, the blueprint for state and local actions to improve the health and well-being of all New Yorkers and promote health equity in all populations experiencing disparities.[1]

According to the 2020 U.S. Census, approximately 42.2 percent of the U.S. population belongs to a racial or ethnic minority group (non-[White non-Hispanic]), while approximately 47.5 percent of New York State's population identified as non-[White non-Hispanic]. Hispanics represented 19.5 percent of the population followed by Black non-Hispanics with 13.7 percent, and Asians with 9.5 percent. Approximately 3.6 percent were of two or more races, while American Indians, Native Hawaiians and other races represented 1.3 percent.[2] Over the last two decades, the percent minority increased, as a percent of the state population, from 38 percent to 47.5 percent, an increase of 25 percent. The largest increases were among non-Hispanic Asians alone, with a 74 percent increase, and among those who were non-Hispanic and two or more races, with an 85 percent increase. Hispanic or Latinos increased by 29 percent. Non-Hispanic Black or African Americans alone decreased slightly, by 8 percent, and non-Hispanic Whites alone decreased, by 15 percent.[3] As each decade passes, the state indeed grows more diverse.

The increasing diversity of New York State's population brings opportunities and challenges for public health and health care providers, government agencies, and policy makers. Though health indicators such as life expectancy and infant mortality have improved for most Americans, some minorities experience a disproportionate burden of preventable disease, death, and disability compared with non-minorities.[4]

At the national level, the Kelly 2015 Report on Health Disparities documented that minorities experience higher rates of infant mortality, HIV/AIDS, and cardiovascular disease than Whites, as well as substantial differences in disease incidence, severity, progression, and response to treatment.[5]

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[1] New York State Department of Health, Prevention Agenda 2019-24. New York State's Health Improvement Plan: https://www.health.ny.gov/prevention/prevention_agenda/2019-2024/

[2] U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Table P2, Hispanic or Latino, and not Hispanic or Latino, by race.

[3] 2000 data from PL002, Hispanic or Latino, and Not Hispanic or Latino by Race, 2000: DEC Redistricting Data (PL 94-171). 2020 data from P2, Hispanic or Latino, and Not Hispanic or Latino by Race, 2020: DEC Redistricting Data (PL 94-171).

[4] Centers for Disease Control and Prevention, Minority Health. https://www.cdc.gov/minorityhealth/index.html

[5] 2015 Kelly Report, Health Disparities in America, Washington, D.C. https://robinkelly.house.gov/sites/evo-subsites/robinkelly.house.gov/files/2015%20Kelly%20Report.pdf

Health disparities prevention strategies should be incorporated into policy agendas and programmatic initiatives of New York State's public health and health care programs. Eliminating disparities in health and health care among racial, ethnic, and other underserved populations and ensuring the best possible health outcomes for all New Yorkers, is a central objective for New York State.

Knowledge of, and data on, the racial and ethnic composition, the health status, and the changing health care needs of different populations is vital to supporting the essential functions of and achieving the objectives of New York State's health care delivery system. Further, the Patient Protection and Affordable Care Act promotes the collection and reporting of racial, ethnic, and language data as an important element in understanding and addressing health disparities.[6]

The federal Agency for Healthcare Research and Quality, which has assessed the nation's health system annually since 2003, reported that, in 2018, the health care delivery system had made progress in achieving the three aims of better care, smarter spending, and healthier people. However, disparities persist by race and socioeconomic status.[7] The Department continues to make investments that have helped improve several indicators of health.[8] Many of the advancements come from improvements in the quality and efficiency of care and patient outcomes; expanded access to primary health care; increased access to health insurance coverage; improved data collection and research; and the engagement of community residents in problem identification, priority setting, and the design of interventions focused on advancing health equity.

As part of its ongoing effort to improve the health of racial, ethnic, and other underserved populations in New York State, statute (NYS Public Health Law § 242) requires the Department to produce a biennial report on the health status of racial and ethnic populations. This report, The New York State Health Equity Report: County Edition - 2023, is a response to this charge. It serves as a tool for raising awareness about the social determinants of health as well as the varying health outcomes of racial and ethnic populations across New York State. The report can be utilized to develop and evaluate the effectiveness of evidence-based interventions aimed at improving health outcomes across the state.

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[6] Ibid 5

[7] 2018 National Healthcare Quality and Disparities Report. Content last reviewed May 2019. Agency for Healthcare Research and Quality, Rockville, MD. https://www.ahrq.gov/research/findings/nhqrdr/nhqdr18/index.html

[8] New York State Department of Health, Prevention Agenda 2019-2024 Dashboard. https://health.ny.gov/preventionagendadashboard

Executive Summary

The New York State Health Equity Report: County Edition – 2023 examines 60 health indicators by race and ethnicity as well as measures of socio-demographic status, birth outcomes, prenatal care usage, and rates of hospitalizations and mortality for an array of chronic diseases and injury-related conditions for each county in New York State. Data are presented for New York State as a whole, New York City, and New York State excluding New York City. In addition, this report includes a New York State map and corresponding table that identifies the state's counties with at least 10 percent of their population from racial and ethnic groups other than White non-Hispanic.

This report does not present health indicator information for the American Indian/Alaska Native (AI/AN) population. Currently, the New York State Department of Health's (the Department) sources for this population contain poorly reported data. However, limited, or poor-quality state-level data on the AI/AN population is not unique to the Department or to New York State as a whole. According to a study by the Indian Health Service (IHS), there is significant miscoding of American Indian race on State death certificates.[9] Additionally, the AI/AN population in New York State is small. Overall, AI/ANs (71,727) accounted for about 0.37 percent of New York State's population in 2018. Thus, analyzing data for this group at a county level presents formidable challenges. Given the importance of understanding health outcomes for all populations, the Department's Office of Minority Health and Health Disparities Prevention is striving to present more detailed information on New York State's AI/AN population.

Sub-groups within New York State's diverse racial and ethnic population face unique strengths and challenges in health outcomes. The following section highlights, for each racial and ethnic group, important health indicators and shows disparities among groups.

This is the fourth time the Department has completed a report on health status by race and ethnicity by county. This 2023 report also describes key differences of indicator values across each race and ethnicity category, and in some cases, highlights changes in certain indicators between the time-periods in this report, versus the 2020 update of the state's county health indicators by race/ethnicity.[10] The data in this report show a lower percentage of families living in poverty across all racial and ethnic groups. Large improvements are observed for teen pregnancy and asthma hospitalizations among all racial and ethnic groups. The health status of many racial and ethnic sub-groups has also improved in several areas, including infant mortality and opioid burden. Notwithstanding, this report documents ongoing health burdens for specific outcomes, such as total mortality, unintentional injury hospitalizations, poisoning hospitalizations, and diabetes mortality across several racial and ethnic groups.

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[9] Arias, E., Heron, M., & Hakes, J. (2016). The validity of race and Hispanic-origin reporting on death certificates in the United States: An update. Vital and Health Statistics. Series 2, Data Evaluation and Methods Research, (172), 1–21. https://www.cdc.gov/nchs/data/series/sr_02/sr02_172.pdf

[10] New York State County Health Indicators by Race/Ethnicity, 2017-2019. https://www.health.ny.gov/statistics/community/minority/county/

Black non-Hispanic New York Residents

Socio-demographics

- In New York State, the Black non-Hispanic population was estimated to be nearly three million residents and accounted for 15.0 percent of New York State's population in 2018. Almost two-thirds (64.3 percent) of Black non-Hispanics residents lived in New York City.

- Among New York State counties outside of New York City, Nassau County had the largest number of Black non-Hispanic residents (162,349). Monroe County had the highest percentage of Black non-Hispanic residents (15.4 percent) in 2018.

- During 2017-2021, 16.5 percent of Black[*] families in New York State were living in poverty, a 5.7 percent decrease from 2015-2019, when the rate was 17.5 percent of Black[*] families. This is about three times the rate for White non-Hispanic families (5.7 percent). In New York City, where the majority of this population resides, 16.6 percent were living in poverty.

- Among counties outside of New York City with a population of at least 5,000 Black non-Hispanic residents, Nassau (5.3 percent) and Rockland (6.8 percent) counties had the lowest percentages of Black[*] families living in poverty. Oneida (44.3 percent) and Broome (38.7 percent) counties had the highest percentages of Black* families living in poverty.

- Median household income for New York State Black[*] residents was $53,697 during 2017-2021. This was below the median household income for White non-Hispanics ($85,520) and Asians[**] ($83,399), and slightly below the median income for Hispanics ($55,621).

- Median household income for New York City Black[*] residents was $53,075 during 2017-2021. This was about half the median household income for White non-Hispanics ($102,960) and below the median income for Asians[**] ($76,832).

- Among counties outside of New York City with a population of at least 5,000 Black non-Hispanics, Black[*] residents in Nassau and Rockland counties had the highest median household incomes, at $107,795 and $96,224, respectively. The counties with the lowest median incomes for Black[*] residents were Niagara ($29,864) and Oneida ($30,250).

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[*] Poverty, unemployment, insurance, education, single parent homes, disability, English language, and median household income indicators are presented for Blacks, which include both Hispanic and non-Hispanic Blacks
[**] Poverty, unemployment, insurance, education, single parent homes, disability, English language, and median household income indicators are presented for Asians, which include both Hispanic and non-Hispanic Asians but do not include Pacific Islanders

- During 2017-2021, 28.0 percent of Black[*] children under age 18 in New York State were living in poverty. This was the highest percentage of children living in poverty among all racial and ethnic groups.

- Among counties outside of New York City with a population of at least 5,000 Black non-Hispanic residents, Rockland (8.6 percent) and Nassau (8.8 percent) counties had the lowest percentage of Black[*] children under age 18 living in poverty. Oneida (65.8 percent) and Sullivan (56.6 percent) counties had the highest percentages of Black[*] children under age 18 living in poverty.

- During 2021-2022, 9.8 percent of Black non-Hispanic high school students in New York State dropped out of school. This is more than two times the rate for White non-Hispanic high school students (4.0 percent) and Asian non-Hispanic high school students (4.0 percent).

- During 2019-2021, Black non-Hispanics aged 18 years or older had the highest rate of arrests (49.5 per 1,000) compared to all other racial and ethnic groups. This is about four and a half times the rate for White non-Hispanic residents (11.2 per 1,000), seven and a half times the rate for Asian non-Hispanic residents (6.7 per 1,000) and about two times the rate for Hispanic residents (25.2 per 1,000). The arrest rate for Black non-Hispanics was lower in New York City (45.4 per 1,000) compared to New York State outside of New York City (57.4 per 1,000). Among counties outside of New York City with a population of at least 5,000 Black non-Hispanic residents, Rockland (26.7 per 1,000) and Dutchess (40.5 per 1,000) counties had the lowest rate of arrests for Black non-Hispanics. Broome (137.0 per 1,000) and Niagara (112.8 per 1,000) counties had the highest rates.

General Health

- In New York State during 2018-2020, Black non-Hispanics had the highest age-adjusted total mortality rate (807.8 per 100,000) compared to all other racial and ethnic groups and was an 18.2 percent increase from 2017-2019 (683.9 per 100,000). The age-adjusted total mortality rate was lower in New York City (796.3 per 100,000) compared to New York State outside of New York City (834.2 per 100,000).

- In New York State during 2018-2020, Black non-Hispanics had the highest age-adjusted years of potential life lost (8,735.1 per 100,000) among all racial and ethnic groups and was a 13.4 percent increase from 2017-2019 (7,704.6 per 100,000).

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[*] Poverty, unemployment, insurance, education, single parent homes, disability, English language, and median household income indicators are presented for Blacks, which include both Hispanic and non-Hispanic Blacks

- Among Black non-Hispanics who died in New York State during 2018-2020, 56.2 percent died prematurely (before the age of 75). This was the highest percentage of premature deaths among all racial and ethnic groups. The percentage of premature deaths was lower in New York City (54.7 percent) compared to New York State outside of New York City (59.5 percent).

- In New York State during 2018-2020, Black non-Hispanics had the highest age-adjusted potentially preventable hospitalization rate among adults (200.1 per 10,000) among all racial and ethnic groups and was twice that of White non-Hispanics (90.8 per 10,000). The rate was lower in New York City (190.9 per 10,000) compared to New York State outside of New York City (220.6 per 10,000).

Strengths

Although the Black non-Hispanic population of New York State often experiences the worst health outcomes compared to other racial and ethnic groups, this group has done better than most or all other racial and ethnic groups for the following indicators:

- During 2018-2020, Black non-Hispanics had the lowest age-adjusted suicide mortality rate (4.5 per 100,000) compared to all other racial and ethnic groups in New York State. The rate was also below New York State's Prevention Agenda objective of 7.0 per 100,000.[9] Black non-Hispanics residing in New York City had a lower rate (4.2 per 100,000) compared to Black non-Hispanics residing in New York State outside of New York City (5.1 per 100,000). Due to the relatively small number of suicides for this population, comparisons among counties may not be meaningful. Rates derived from a small number of occurrences can fluctuate widely because of one or two events.

- During 2018-2020, Black non-Hispanics had a lower rate of fall hospitalizations among people aged 65 years or older (100.6 per 10,000) compared to White non-Hispanics (205.0 per 10,000) and Hispanics (121.0 per 10,000). The rate was also below New York State's Prevention Agenda objective of 173.7 per 10,000. Black non-Hispanics residing in New York City had a lower rate (97.0 per 10,000) compared to Black non-Hispanics residing in New York State outside of New York City (109.3 per 10,000). Among counties with a population of at least 5,000 Black non-Hispanics and a stable rate (defined as a numerator of 10 or more cases), Dutchess County had the lowest rate of fall hospitalizations among people aged 65 years or older (33.1 per 10,000) and Rensselaer County had the highest (168.1 per 10,000).

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[9] New York State Department of Health, Prevention Agenda 2019-2024 Dashboard. https://health.ny.gov/preventionagendadashboard

- In 2021, Black[*] residents had a higher percentage of female fee-for-service Medicare enrollees aged 65-74 years who received an annual mammography screening (37.0 percent) compared to Hispanics (34.0 percent) and Asians[**] (33.0 percent).

Challenges

The Black non-Hispanic population of New York State suffers disproportionately from numerous health problems compared to other racial and ethnic groups. Selected health indicators that pose challenges for this group include:

- In New York State, Black non-Hispanics had the lowest percentage of births with early 1st trimester prenatal care (65.8 percent) compared to all other racial and ethnic groups. Black non-Hispanics residing in New York City had a lower percentage (63.6 percent) compared to Black non-Hispanics residing in New York State outside of New York City (69.6 percent). Among counties with a population of at least 5,000 Black non-Hispanics, Oneida County had the lowest percentage of births with early 1st trimester prenatal care (53.0 percent) and Richmond County had the highest percentage (80.2 percent).

- Infants born weighing less than 2,500 grams are considered low birthweight and are at risk for developing health-related problems during their first year of life. Among Black non-Hispanics, 13.1 percent of infants born during 2018-2020 were low birth weight, the highest percentage among all racial and ethnic groups and more than twice the percentage of White non-Hispanics (6.2 percent).

- During 2018-2020, the teen pregnancy rate for Black non-Hispanic females under 18 years of age was 7.7 per 1,000, the highest rate among all racial and ethnic groups and more than five times the rate of White non-Hispanics (1.5 per 1,000). The teen pregnancy rate for Black non-Hispanic females under 18 years of age was nearly identical in New York City (7.8 per 1,000) and New York State outside of New York City (7.7 per 1,000). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as a numerator of 10 or more cases), Albany County had the highest Black non-Hispanic teen pregnancy rate (15.6 per 1,000) and Orange County had the lowest rate (3.2 per 1,000).

- During 2018-2020, the New York State Black non-Hispanic infant mortality rate was 8.4 per 1,000 live births, the highest rate among all racial and ethnic groups. The Black non-Hispanic infant mortality rate was lower in New York City (7.0 per 1,000)

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[*] Fee-for-service Medicare data is presented for Blacks which includes both Hispanic and non-Hispanic Blacks
[**] Fee-for-service Medicare data is presented for Asians which include both Hispanic and non-Hispanic Asians, and includes Pacific Islanders

compared to New York State outside of New York City (10.7 per 1,000). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as a numerator of 10 or more cases), Rensselaer County had the highest Black non-Hispanic infant mortality rate (17.6 per 1,000) and Westchester County had the lowest rate (5.9 per 1,000).

- During 2018-2020, Black non-Hispanics saw a 17.1 percent increase in the age-adjusted unintentional injury mortality rate (35.0 per 100,000) compared to the 2017-2019 period.

- During 2018-2020, the age-adjusted poisoning hospitalizations rate among Black non-Hispanics was 13.2 per 10,000, the highest rate among all racial and ethnic groups. The Black non-Hispanic poisoning hospitalizations rate was nearly identical in New York City (13.1 per 10,000) and New York State outside of New York City (13.0 per 10,000). Among counties with at least 5,000 Black non-Hispanics, Broome County had the highest poisoning hospitalizations rate (24.4 per 10,000) and Rockland County had the lowest rate (3.0 per 10,000).

- During 2018-2020, Black non-Hispanics saw a 15.8 percent decrease in the age-adjusted asthma hospitalizations rate (18.1 per 10,000) in the 2017-2019 period, but still had the highest rate among all racial and ethnic groups and was about six times the rate of White non-Hispanics (3.0 per 10,000). The Black non-Hispanic age-adjusted asthma hospitalizations rate was higher in New York City (20.3 per 10,000) compared to New York State outside of New York City (14.4 per 10,000). Among counties with at least 5,000 Black non-Hispanics, Bronx County had the highest rate (27.2 per 10,000) and Dutchess County had the lowest rate (4.3 per 10,000).

- During 2018-2020, Black non-Hispanics saw a 21.7 percent decrease in the asthma hospitalization rate among those 0-17 years of age (32.8 per 10,000) from the 2017-2019 period, but still had the highest rate among all racial and ethnic groups and was more than six times the rate of White non-Hispanics (5.0 per 10,000). The Black non-Hispanic asthma hospitalization rate among those aged 0-17 years was higher in New York City (39.7 per 10,000) compared to New York State outside of New York City (22.5 per 10,000). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as a numerator of 10 or more cases), New York County had the highest rate (49.2 per 10,000) and Schenectady County had the lowest (8.0 per 10,000).

- During 2018-2020, Black non-Hispanics saw a 16.4 percent decrease in the age-adjusted chronic lower respiratory disease hospitalizations rate (34.1 per 10,000) from the 2017-2019 period, but still had the highest rate among all racial and ethnic groups and was more than two times the rate of White non-Hispanics (14.1 per 10,000). The Black non-Hispanic age-adjusted chronic lower respiratory disease hospitalization

rate was slightly higher in New York City (35.2 per 10,000) compared to New York State outside of New York City (33.2 per 10,000). Among counties with at least 5,000 Black non-Hispanics, Monroe County had the highest rate (50.6 per 10,000) and Dutchess County had the lowest rate (8.6 per 10,000).

- In 2021, Black[*] residents had the lowest percentage of fee-for-service Medicare enrollees who had an annual flu vaccination (33.0 percent) compared to all other racial and ethnic groups.

- During 2018-2020, Black non-Hispanics had the highest age-adjusted diseases of the heart mortality rate (224.2 per 100,000) compared to all other racial and ethnic groups. The Black non-Hispanic age-adjusted diseases of the heart mortality rate was higher in New York City (234.3 per 100,000) compared to New York State outside of New York City (199.3 per 100,000). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as a numerator of 10 or more cases), Niagara County had the highest rate (328.2 per 100,000) and Rockland County had the lowest (149.7 per 100,000).

- During 2018-2020, Black non-Hispanics had the highest age-adjusted diseases of the heart hospitalizations rate (96.2 per 10,000) compared to all other racial and ethnic groups. The Black non-Hispanic age-adjusted diseases of the heart hospitalizations rate was lower in New York City (91.8 per 10,000) compared to New York State outside of New York City (106.4 per 10,000). Among counties with at least 5,000 Black non-Hispanics, Niagara County had the highest rate (168.4 per 10,000) and Dutchess County had the lowest rate (25.2 per 10,000).

- During 2018-2020, Black non-Hispanics had the highest age-adjusted cerebrovascular disease (stroke) mortality rate (28.3 per 100,000) compared to all other racial and ethnic groups. The Black non-Hispanic age-adjusted cerebrovascular disease (stroke) mortality rate was lower in New York City (26.0 per 100,000) compared to New York State outside of New York City (34.2 per 100,000). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as a numerator of 10 or more cases), Oneida County had the highest rate (61.4 per 100,000) and Richmond County had the lowest rate (18.3 per 100,000).

- During 2018-2020, Black non-Hispanics had the highest age-adjusted coronary heart disease mortality rate (190.4 per 100,000) compared to all other racial and ethnic groups. The Black non-Hispanic age-adjusted coronary heart disease mortality rate was higher in New York City (208.3 per 100,000) compared to New York State outside of New York City (147.6 per 100,00). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as numerator of 10 or more cases),

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[*] Fee-for-service Medicare data is presented for Blacks which includes both Hispanic and non-Hispanic Blacks

Richmond County had the highest rate (262.3 per 100,000) and Ulster County had the lowest rate (110.6 per 100,000).

- During 2018-2020, Black non-Hispanics had the highest age-adjusted diabetes mortality rate (35.9 per 100,000) among all racial and ethnic groups and was more than two times the rate of White non-Hispanics (15.4 per 100,000). The age-adjusted diabetes mortality rate was nearly identical in New York City (35.9 per 100,000) and New York State outside of New York City (36.0 per 100,000). Among counties with at least 5,000 Black non-Hispanics and a stable rate (defined as numerator of 10 or more cases), Niagara County had the highest rate (63.1 per 100,000) and Dutchess County had the lowest rate (21.2 per 100,00).

- During 2018-2020, Black non-Hispanics saw a 15.5 percent increase in the potentially preventable diabetes short-term complications hospitalizations rate among those aged 18 years or older compared to the 2017-2019 period and had the highest rate (14.9 per 10,000) among all racial and ethnic groups. The rate was lower in New York City (13.5 per 10,000) compared to New York State outside of New York City (17.6 per 10,000). Among counties with at least 5,000 Black non-Hispanics, Oneida County had the highest rate (35.9 per 10,000) and Dutchess County had the lowest rate (3.8 per 10,000).

- During 2017-2019, Black non-Hispanics had the highest age-adjusted female breast cancer mortality rate (24.8 per 100,000) among all racial and ethnic groups. The rate was slightly higher in New York City (25.0 per 100,000) compared to New York State outside of New York City (24.0 per 100,00).

- During 2017-2019, Black non-Hispanics had highest age-adjusted cervical cancer incidence rate (9.8 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (10.7 per 100,000) compared to New York State outside of New York City (7.8 per 100,000).

Hispanic New York Residents

Socio-demographics

- In New York State, the Hispanic population was estimated to be about 3.7 million residents and accounted for 19.1 percent of New York State's population in 2018. About two-thirds (65.1 percent) of Hispanic residents lived in New York City.

- Among counties outside New York City, Suffolk County had the largest number of Hispanic residents (290,225). Westchester County had the highest percentage of Hispanic residents (24.9 percent).

- During 2017-2021, 17.6 percent of Hispanic families in New York State were living in poverty, a 10.7 percent decrease from 2015-2019 when the rate was 19.7 percent. This percentage is more than triple that of White non-Hispanics (5.7 percent) and the highest among all racial and ethnic groups. In New York City, where the majority of Hispanics resided, 19.9 percent were living in the poverty, an 8.7 percent decrease from 2015-2019 when the rate was 21.8 percent.

- Among counties outside of New York City with a population of at 5,000 Hispanics and a stable rate (defined as number of 10 or more cases), Nassau County had the lowest percentage (8.0 percent) of Hispanic families living in poverty. Counties with the highest percentage of Hispanic families living in poverty were Montgomery County (33.2 percent) and Erie County (31.5 percent).

- The median household income for New York State Hispanic residents was $55,621 during 2017-2021.

- New York City Hispanic residents had a median household income of $49,275 during 2017-2021. Among counties with a population of at least 5,000 Hispanics, Nassau County and Suffolk County had the highest median incomes for Hispanic residents ($103,873 and $102,432 respectively). Chautauqua County and Erie County had the lowest median incomes for Hispanic residents ($25,158 and $35,031 respectively).

- During 2017-2021, Hispanics had the highest percentage of uninsured (10.1 percent) among all racial and ethnic groups. The percentage was higher in New York City (10.7 percent) compared to New York State outside of New York City (9.0 percent). Among counties with at least 5,000 Hispanics and a stable rate (defined as numerator of 10 or more cases), Queens County had the highest percentage of uninsured (14.5 percent) and Montgomery County had the lowest (3.7 percent).

- During 2021-2022, Hispanics had the highest percentage of high school students who dropped out of school (12.2 percent) among all racial and ethnic groups. The percentage was higher in New York City (12.3 percent) compared to New York State outside of New York City (12.0 percent). Among counties with at least 5,000 Hispanics and a stable rate (defined as numerator of 10 or more), Chautauqua County had the highest percentage (21.2 percent), and Jefferson County had the lowest (5.3 percent).

General Health

- In New York State during 2018-2020, Hispanics had the second lowest age-adjusted total mortality rate (609.2 per 100,000) among all racial and ethnic groups but saw a 25 percent increase since 2017-2019 (486.5 per 100,000), the highest increase among all racial and ethnic groups. The age-adjusted mortality rate was higher in New York

City (624.5 per 100,000) compared to New York State outside of New York City (570.1 per 100,000).

- Among Hispanics who died in New York State during 2018-2020, 53.5 percent died prematurely (before the age of 75). The only group with a higher percentage of premature deaths was Black non-Hispanics (56.2 percent). The percentage was lower in New York City (51.7 percent) compared to New York State outside of New York City (58.8 percent). Among counties with at least 5,000 Hispanics, and a stable rate (defined as numerator of 10 or more cases), Jefferson County had the highest percentage of premature deaths among Hispanics (85.3 percent) and New York County had the lowest percentage (41.9 percent).

- During 2018-2020, Hispanics had the second highest age-adjusted potentially preventable hospitalization rate among adults (124.8 per 10,000) among all racial and ethnic groups.

Strengths

Although Hispanics experience disparities in numerous health outcomes, this population also has a lower burden for some health indicators:

- During 2018-2020, Hispanics had the second lowest age-adjusted suicide mortality rate (4.6 per 100,000) among all racial and ethnic groups. The rate was lower in New York City (4.3 per 100,000) compared to New York State outside of New York City (5.1 per 100,000).

- During 2018-2020, Hispanics had the second lowest age-adjusted chronic lower respiratory disease mortality (15.6 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (16.1 per 100,000) compared to New York State outside of New York City (14.6 per 100,000).

- During 2018-2020, Hispanics had the second lowest age-adjusted diseases of the heart mortality rate (144.6 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (153.6 per 100,000) compared to New York State outside of New York City (118.1 per 100,000). Among counties with at least 5,000 Hispanics and a stable rate (defined as numerator of 10 or more cases), Chautauqua County had the highest rate (212.3 per 100,000) and Ulster County had the lowest rate (82.2 per 100,000).

- During 2017-2019, Hispanics had the lowest age-adjusted lung cancer incidence rate (31.9 per 100,000) among all racial and ethnic groups. The rate was lower in New York City (30.9 per 100,000) compared to New York State outside of New York City (35.1 per 100,000).

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- During 2017-2019, Hispanics had the lowest age-adjusted colorectal cancer incidence rate (31.5 per 100,000) among all racial and ethnic groups. The rate was lower in New York City (31.2 per 100,000) compared to New York State outside of New York City (32.8 per 100,000).

- During 2017-2019, Hispanics had the lowest age-adjusted female late-stage breast cancer incidence rate (31.3 per 100,000) among all racial and ethnic groups. The rate was lower in New York City (30.3 per 100,000) compared to New York State outside of New York City (34.0 per 100,000).

Challenges

Because a high percentage of Hispanics live below the poverty level, this population fared worse on numerous health indicators than other racial and ethnic groups in New York State. Challenges for this population include:

- During 2018-2020, the teen pregnancy rate for Hispanic females under 18 years of age was the second highest (6.6 per 1,000) among all racial and ethnic groups and more than four times the rate of White non-Hispanics. The rate was slightly higher in New York City (6.7 per 1,000) compared to New York State outside of New York City (6.4 per 1,000). Among counties with at least 5,000 Hispanics and a stable rate (defined as numerator of 10 or more cases), Albany County had the highest rate (13.1 per 1,000) and Westchester County had the lowest rate (4.4 per 1,000).

- During 2018-2020, the age-adjusted poisoning hospitalizations rate among Hispanics was the second highest (8.8 per 10,000) among all racial and ethnic groups. The rate was higher in New York City (10.0 per 10,000) compared to New York State outside of New York City (6.3 per 10,000). Among counties with at least 5,000 Hispanics and a stable rate (defined as numerator of 10 or more cases), Chautauqua County had the highest rate (18.3 per 10,000) and Westchester County had the lowest rate (3.2 per 10,000).

- During 2018-2020, the age-adjusted asthma hospitalizations rate for Hispanics was the second highest (13.4 per 10,000) among all racial and ethnic groups and more than four times the rate of White non-Hispanics (3.0 per 10,000). The rate was higher in New York City (16.4 per 10,000) compared to New York State outside of New York City (7.6 per 10,000). Among counties with at least 5,000 Hispanics and a stable rate (defined as numerator of 10 or more cases), Bronx County had the highest rate (28.2 per 10,000) and Westchester County had the lowest rate (3.9 per 10,000).

- During 2018-2020, the asthma hospitalizations rate for Hispanics 0-17 years of age was the second highest (19.6 per 10,000) among all racial and ethnic groups and

about four times the rate of White non-Hispanics (5.0 per 10,000). The rate was higher in New York City (25.0 per 10,000) compared to New York State outside of New York City (11.6 per 10,000).

- In 2021, Hispanics had the second lowest percentage of fee-for-service Medicare enrollees who had an annual flu vaccination (36.0 percent) among all racial and ethnic groups.

- During 2018-2020, the age-adjusted diabetes mortality rate for Hispanics was the second highest (21.1 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (22.2 per 100,000) compared to New York State outside of New York City (18.4 per 100,000).

- During 2017-2019, the age-adjusted cervical cancer incidence rate for Hispanics was the second highest (8.8 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (9.1 per 100,000) compared to New York State outside of New York City (7.9 per 100,000).

- In 2021, Hispanics had the second lowest percentage of fee-for-service Medicare enrollees aged 65-74 who received an annual mammography screening (34.0 percent) among all racial and ethnic groups.

Asian/Pacific Islander non-Hispanic New York Residents

Socio-demographics

- The Asian/Pacific Islander non-Hispanic population was estimated to be about 1.8 million residents and accounted for 9.2 percent of New York State's population in 2018. The majority (71.6 percent) of Asian/Pacific Islander residents lived in New York City.

- Among counties outside of New York City, Nassau County had the largest number of Asian/Pacific Islander non-Hispanic residents (145,971) in 2018. Nassau County also had the highest percentage of Asian/Pacific Islander non-Hispanic residents (10.8 percent).

- During 2017-2021, 11.3 percent of Asian[*] families in New York State were living in poverty, which is almost double that of White non-Hispanics (5.7 percent). In New

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[*] Poverty, unemployment, insurance, education, single parent homes, disability, English language, and median household income indicators are presented for Asians, which include both Hispanic and non-Hispanic Asians but do not include Pacific Islanders

York City, where the majority of this population resided, 12.9 percent were living in poverty.

- Among counties outside New York City with a population of at least 5,000 Asian/Pacific Islander non-Hispanic residents and a stable estimate of percentage poverty (defined as having a relative standard error of less than 30 percent), Nassau (3.8 percent), Westchester (4.7 percent) and Suffolk (4.8 percent) counties had the lowest percentages of Asian[*] families living in poverty. Counties with the highest percentage of Asian[*] families living in poverty were Erie (24.9 percent) and Oneida (18.8 percent).

- Median household income for New York State Asian[*] residents was $83,399 during 2017-2021. This was just below the median household income for White non-Hispanics ($85,520) and considerably higher than the median household income for Blacks[**] ($53,697) and Hispanics ($55,621).

- New York City Asian[*] residents had a median household income of $76,832 during 2017-2021. Among counties with a population of at least 5,000 Asian/Pacific Islander non-Hispanics and a stable estimate of median income (defined as having a relative standard error of less than 30 percent), Nassau and Rockland counties had the highest median income for Asian[*] residents (greater than $150,000). The counties with the lowest median household incomes for Asian[*] residents were Broome County ($45,325) and Tompkins County ($46,682).

- During 2017-2021, Asian[*] residents had the second highest percentage of population with no health insurance (6.5 percent) among all racial and ethnic groups and was almost twice that of White non-Hispanics (3.3 percent). The percentage was higher in New York City (7.1 percent) compared to New York State outside of New York City (4.9 percent).

General Health

- In New York State during 2018-2020, Asian/Pacific Islander non-Hispanics had the lowest age-adjusted total mortality rate (398.1 per 100,000) among all racial and ethnic groups but had a 21.0 percent increase from 2017-2019 (329.0 per 100,000). The rate was higher in New York City (411.4 per 100,000) compared to New York State outside of New York City (356.7 per 100,000). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics, Schenectady County had the highest rate (536.3 per 100,000) and Tompkins County had the lowest rate (228.0 per 100,000).

[**] Poverty, unemployment, insurance, education, single parent homes, disability, English language, and median household income indicators are presented for Blacks, which include both Hispanic and non-Hispanic Blacks

- In New York State during 2018-2020, Asian/Pacific Islander non-Hispanics had the second lowest percentage of premature deaths or deaths before the age of 75 (42.6 percent). The only group with a lower percentage of premature deaths were White non-Hispanics (35.5 percent). The percentage was lower in New York City (42.0 percent) compared to New York State outside of New York City (44.9 percent). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics, Schenectady County had the highest percentage (63.4 percent), and New York County had the lowest percentage (27.1 percent).

- In New York State during 2018-2020, Asian/Pacific Islander non-Hispanics had the lowest age-adjusted years of potential life lost rate (2,613.9 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (2,715.9 per 100,000) compared to New York State outside of New York City (2,347.4 per 100,000). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics, Schenectady County had the highest rate (5,318.0 per 100,000) and Tompkins County had the lowest rate (1,017.2 per 100,000).

Strengths

Asian/Pacific Islander non-Hispanics tend to experience lesser health burdens than other racial and ethnic groups. The following are some areas where Asian/Pacific Islander non-Hispanics had the least burden for health outcomes:

- During 2018-2020, the teen pregnancy rate for Asian/Pacific Islander non-Hispanic females under 18 years of age was the lowest (0.9 per 1,000) among all racial and ethnic groups. The rate was higher in New York City (1.0 per 1,000) compared to New York State outside of New York City (0.7 per 1,000). Due to the small number of teen pregnancies in this population, comparisons among counties may not be meaningful. Rates derived from a small number of occurrences can fluctuate widely because of one or two events.

- During 2018-2020, the infant mortality rate for Asian/Pacific Islander non-Hispanics was the lowest (1.6 per 1,000 live births) among all racial and ethnic groups and had a 20.0 percent decrease since 2017-2019 (2.0 per 1,000 live births). The rate was nearly identical in New York City (1.6 per 1,000 live births) compared to New York State outside of New York City (1.7 per 1,000 live births). Due to the small number of infant mortalities in this population, comparisons among counties may not be meaningful. Rates derived from a small number of occurrences can fluctuate widely because of one or two events.

- During 2018-2020, the age-adjusted unintentional injury mortality rate for Asian/Pacific Islander non-Hispanics was the lowest (11.0 per 100,000) among all

racial and ethnic groups. The rate was lower in New York City (10.6 per 100,000) compared to New York State outside of New York City (12.1 per 100,000).

- During 2018-2020, the age-adjusted unintentional injury hospitalization rate for Asian/Pacific Islander non-Hispanics was the lowest (26.5 per 10,000) among all racial and ethnic groups. The rate was slightly higher in New York City (26.6 per 10,000) compared to New York State outside of New York City (26.2 per 10,000). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics, Oneida County had the highest rate (35.9 per 10,000) and Broome County had the lowest rate (7.2 per 10,000).

- During 2018-2020, the opioid burden for Asian/Pacific Islander non-Hispanics was the lowest (20.8 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (21.4 per 100,000) compared to New York State outside of New York City (19.7 per 100,000).

- During 2018-2020, the age-adjusted asthma hospitalizations rate for Asian/Pacific Islander non-Hispanics was the second lowest (3.5 per 10,000) among all racial and ethnic groups and had a 25.5 percent decrease since 2017-2019 (4.7 per 10,000). The rate was slightly higher in New York City (3.8 per 10,000) compared to New York State outside of New York City (2.9 per 10,000). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics and a stable rate (defined as numerator of 10 or more cases), Bronx County had the highest rate (8.5 per 10,000) and Westchester County had the lowest rate (1.6 per 10,000).

- During 2018-2020, the asthma hospitalizations rate for Asian/Pacific Islander non-Hispanics between 0-17 years of age was the second lowest (8.2 per 10,000) among all racial and ethnic groups and had a 28.7 percent decrease from 2017-2019 (11.5 per 10,000). The rate was higher in New York City (9.0 per 10,000) compared to New York State outside of New York City (6.4 per 10,000).

- During 2018-2020, the age-adjusted chronic lower respiratory disease hospitalization rate for Asian/Pacific Islander non-Hispanics was the lowest (6.9 per 10,000) among all racial and ethnic groups and had a 25.0 percent decrease from 2017-2019 (9.2 per 10,000). The rate was higher in New York City (7.3 per 10,000) compared to New York State outside of New York City (5.7 per 10,000).

- In 2021, the percentage of Asian[*] fee-for-service Medicare enrollees who had an annual flu vaccination was the second highest (50.0 percent) among all racial and ethnic groups.

- During 2018-2020, the age-adjusted diseases of the heart mortality for Asian/Pacific Islander non-Hispanics was the lowest (104.3 per 100,000) among all racial and ethnic groups. The rate was higher in New York City (110.2 per 100,000) compared to New

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[*] Fee for service Medicare data is presented for Asians which include both Hispanic and non-Hispanic Asians, and includes Pacific Islanders

York State outside of New York City (84.3 per 100,000). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics and a stable rate (defined as numerator of 10 or more cases), Richmond County had the highest rate (139.5 per 100,000) and Monroe County had the lowest rate (57.8 per 100,000).

- During 2018-2020, the age-adjusted cerebrovascular disease (stroke) mortality for Asian/Pacific Islander non-Hispanics was the lowest (17.2 per 100,000) among all racial and ethnic groups. The rate was lower in New York City (16.5 per 100,000) compared to New York State outside of New York City (19.4 per 100,000).

- During 2018-2020, the age-adjusted coronary heart disease mortality for Asian/Pacific Islander non-Hispanics was the lowest (93.2 per 100,000) among all racial and ethnic groups but had a 12.6 percent increase from 2017-2019 (82.8 per 100,000). The rate was higher in New York City (100.3 per 100,000) compared to New York State outside of New York City (69.3 per 100,000). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics and a stable rate (defined as numerator of 10 or more cases), Richmond County had the highest rate (129.4 per 100,000) and Monroe County had the lowest rate (36.5 per 100,000).

- During 2018-2020, the age-adjusted diabetes mortality rate for Asian/Pacific Islander non-Hispanics was the lowest (13.3 per 100,000) among all racial and ethnic groups but had a 14.7 percent increase from 2017-2019 (11.6 per 100,000). The rate was lower in New York City (13.0 per 100,000) compared to New York State outside of New York City (14.2 per 100,000).

- During 2017-2019, the age-adjusted colorectal cancer mortality rate for Asian/Pacific Islander non-Hispanics was the lowest (8.0 per 100,000) among all racial and ethnic groups. The rate was lower in New York City (7.9 per 100,000) compared to New York State outside of New York City (8.4 per 100,000).

- During 2017-2019, the age-adjusted female breast cancer mortality rate for Asian/Pacific Islander non-Hispanics was the lowest (9.7 per 100,000) among all racial and ethnic groups. The rate was identical in New York City (9.7 per 100,000) and nearly identical in New York State outside of New York City (9.8 per 100,000).

Challenges

Even though Asian/Pacific Islander non-Hispanic health outcomes were generally better than those of other racial and ethnic groups in New York State, there were health indicators where this group faced challenges:

- Infants born weighing less than 2,500 grams are considered low birth weight and are at risk for developing health-related problems during their first year of life. Among

Asian/Pacific Islander non-Hispanics, 8.7 percent of infants born during 2018-2020 were low birth weight, the second highest among all racial and ethnic groups. The percentages were higher in New York City (8.9 percent) compared to New York State outside of New York City (8.3 percent). Among counties with at least 5,000 Asian/Pacific Islander non-Hispanics, Bronx County had the highest percentage (10.8 percent), and Tompkins County had the lowest percent (4.8 percent).

- During 2018-2020, the age-adjusted suicide mortality rate for Asian/Pacific Islander non-Hispanics was the second highest (5.3 per 100,000) among all racial and ethnic groups. The rates were similar in New York City (5.6 per 100,000) and New York State outside of New York City (4.6 per 100,000).

- During 2018-2020, the age-adjusted diabetes mortality rate for Asian/Pacific Islander non-Hispanics increased by 14.7 percent (13.3 per 100,000) since 2017-2019 (11.6 per 100,000).

Format of the Report

The New York State Health Equity Report: County Edition – 2023 contains information at the state and county levels on health-related indicators, as well as information on population estimates, household income, education, and families living in poverty. Many of the report's indicators are also used to measure progress toward achieving the state's Prevention Agenda 2024 objectives and represent some of the most prominent disparities in New York State.

Most indicators in this report are presented by county for the following racial and ethnic groups: White non-Hispanic, Black non-Hispanic, Asian/Pacific Islander non-Hispanic, and Hispanic. A few exceptions exist within sociodemographic indicators – median household income, the percentage of families below poverty, the percentage of children below poverty, the percentage of the population unemployed, the percentage of population with no health insurance, the percentage of the population with a bachelor's degree of higher, the percentage of the population in single parent families, the percentage of the population with a disability, and the percentage of the population that speaks English less than very well – are presented by county for White non-Hispanic, Black, Asian, and Hispanic race/ethnic groups. For these indicators, the Black and Asian groups include Hispanics, while the Asian group excludes Pacific Islanders. Two indicators – the percentage of fee-for-service Medicare enrollees who had an annual flu vaccination and the percentage of female fee-for-service Medicare enrollees aged 65-74 years who received an annual mammography screening – are presented by county for White non-Hispanic, Black, Asian/Pacific Islander, and Hispanic race/ethnic groups. For these indicators, the Black and Asian groups include Hispanics.

Population data are presented for the year 2018. Poverty, education, income, and other sociodemographic indicators are presented for the five-year period 2017-2021, unless otherwise noted. All birth, mortality, hospitalization, and general health-based indicators are presented for the three-year period (2018-2020). Cancer-related indicators are presented for the three-year period (2017-2019).

Hospitalization-based indicators use primary diagnosis unless otherwise specified. Mortality indicators are based on underlying causes of death.

Misclassification of race and ethnicity information on birth, death and especially hospital records can occur during the data collection process. Please use caution when interpreting these data. The following table presents indicators used in this report with a description of data sources and definitions.

About Minority Health Data and Statistics

Health Indicator	Description and Definition	Data Source and Program Contact Information
Socio-Demographic Indicators		
Population	County population estimates are reported for the following groups: White non-Hispanic, Black non-Hispanic, Asian non-Hispanic and Hispanic. The total county population estimate includes "Other" and unknown races.	Centers for Disease Control and Prevention, National Center for Health Statistics - U.S. Census Populations With Bridged Race Categories [a]
Percentage of population	The percentage of the county population from each race/ethnicity category.	Centers for Disease Control and Prevention, National Center for Health Statistics - U.S. Census Populations With Bridged Race Categories [a]
Percentage of population aged 65 or older	The percentage of the county population that is aged 65 or older is reported for the following groups: White non-Hispanic, Black non-Hispanic, Asian non-Hispanic and Hispanic. The total county population estimate includes "Other" and unknown races.	Centers for Disease Control and Prevention, National Center for Health Statistics - U.S. Census Populations With Bridged Race Categories [a]
Median Annual Household Income in U.S. Dollars	The level at which half the households have incomes above the amount and half have incomes below the amount.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table S1903
Percentage of families below poverty	The percentage of families living below the federally determined guidelines for poverty.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table S1702
Percentage of children under age 18 below poverty	The percentage of children under age 18 living below the federally determined guidelines for poverty. Stability/instability for values cannot be determined for this indicator. Use caution in interpreting the percent estimates.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table B17020 a-i
Percentage unemployed among the civilian labor force	The percentage of people in the civilian labor force who were unemployed.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table S2301
Percentage of population with no health insurance	The percentage of population with no health insurance.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table S2701
Percentage of population aged 25 or older with a bachelors degree or higher	The percentage of population aged 25 or older with a bachelors degree or higher.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table S1501
Percentage of population in single parent families	The percentage of families with a male, or female, householder, with no spouse present, with related children of the householder under aged 18. Stability/instability for values cannot be determined for this indicator. Use caution in interpreting the percent estimates.	U.S. Census Bureau Explore Census Data (American Community Survey) [b] Table B17010 a-i

Percentage of population with a disability	The percentage of the population with a disability includes 1. people of any age with hearing or vision difficulty, and 2. people aged 5 or older who had serious difficulty concentrating, remembering, or making decisions due to physical, mental, or emotional condition, or who had serious difficulty walking or climbing stairs, or who had difficulty dressing or bathing, and 3. people aged 15 or older who, due to a physical, mental, or emotional condition, had difficulty doing errands alone such as visiting a doctor's office or shopping.	U.S. Census Bureau [Explore Census Data (American Community Survey)](#) [b] Table S1810
Percentage of population who speak English less than very well	The percentage of population aged 5 or older who speak English less than very well. Stability/instability for values cannot be determined for this indicator. Use caution in interpreting the percent estimates.	U.S. Census Bureau [Explore Census Data (American Community Survey)](#) [b] Table B16005 a-i
Percentage of high school students who dropped out	The percentage of students in a 9th grade cohort in public high schools whose last enrollment record, as of 6 years following entry into 9th grade, indicated that they had dropped out.	New York State Department of Education [Graduation Rate Database](#) [c]
Arrests per 1,000 population aged 18 years or older	The number of arrests, per people aged 18 or older.	New York State Division of Criminal Justice Services [Adult Arrests by Age, Race/Ethnicity and Sex by County and Region](#) [d]
General Health Indicators		
Total mortality per 100,000 population, [age-adjusted](#)	The number of deaths per 100,000 population.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: [Vital Statistics Unit](#) Phone: (518) 473-8144
Percentage of premature deaths (< age 75 years)	The percentage of all deaths that were among persons aged less than 75 years.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: [Vital Statistics Unit](#) Phone: (518) 473-8144
Years of potential life lost per 100,000 population, [age-adjusted](#)	Total years of life lost before age 75 years per 100,000 population (calculated by subtracting the ages of those who died from 75).	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: [Vital Statistics Unit](#) Phone: (518) 473-8144
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000, [age-adjusted](#)	The number of potentially preventable hospitalizations per 10,000 population aged 18+ years. The Prevention Quality Indicators (PQIs) are a set of measures developed by the federal Agency for Healthcare Research and Quality (AHRQ) for use in assessing the quality of outpatient care for "ambulatory care sensitive conditions" (ACSCs). This indicator is defined as the combination of the 10 PQIs that pertain to adults: (1) Short-term Complication of Diabetes (2) Long-term Complication of Diabetes (3) Chronic Obstructive Pulmonary Disease (COPD) or Asthma in Older Adults (4) Hypertension (5) Heart Failure (6) Community-Acquired Pneumonia (7) Urinary Tract Infection (8) Uncontrolled Diabetes (9) Asthma in Younger Adults (10) Lower-Extremity Amputation Among Patients with Diabetes. Because the PQIs estimate the number of potentially avoidable hospital admissions, a lower rate is desirable. The rate is adjusted for age.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: [SPARCS](#) Phone: (518) 473-8144
Birth Related Indicators		

Number of births per year (3-year average)	The number of births per year includes the number of births, averaged over the latest 3-year period, for each race/ethnicity group. The average total births for the county includes "Other" and Unknown races.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Percentage of births with early (1st trimester) prenatal care	The percentage of births to women with prenatal care within the first three months of pregnancy (first trimester) among births with known prenatal care status.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Percentage of births with adequate prenatal care (APNCU)[h]	The percentage is based on "Adequate" and "Adequate plus" of the Adequacy of Prenatal Care Utilization (APNCU) Index. The APNCU is based on the month that prenatal care started and the number of visits.[h]	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Percentage of premature births (less than 37 weeks gestation)	The percentage of infants with known gestation that were born before 37 weeks obstetric estimate gestation.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Percentage of low birthweight births (< 2.5 kg)	The percentage of births with known birthweight that resulted in infants weighing less than 2500 grams.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Teen pregnancies per 1,000 females aged under 18 years	The number of pregnancies among females age 10-17, per 1,000 females aged 10-17. Pregnancies are the sum of the number of live births, induced terminations of pregnancies, and all fetal deaths. NOTE: Pregnancy data for Essex and Hamilton counties were combined for confidentiality purposes.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Pregnancies per 1,000 females aged 15-44 years	The number of pregnancies among females of any age, per 1,000 females in the 15-44 year old age group. Pregnancies are the sum of the number of live births, induced terminations of pregnancies, and all fetal deaths. NOTE: Pregnancy data for Essex and Hamilton counties were combined for confidentiality purposes.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety

		Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Fertility per 1,000 females aged 15-44 years	The number of live births per 1,000 females aged 15-44.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Infant mortality per 1,000 live births	The number of deaths at less than 1 year of age per 1,000 live births.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Percentage of low-risk births delivered by cesarean section	The percentage of live births delivered by cesarean section among low-risk births. Low-risk births are defined as head-first and full-term singleton births to women who have no prior births.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Injury Related Indicators		
Motor vehicle-related mortality per 100,000 population, age-adjusted and Unintentional injury mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: • Motor vehicle related: V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0,V89.2 • Unintentional injury: V01-X59, Y85-Y86	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Fall hospitalizations per 10,000 population, aged 65+	The number of hospitalizations due to fall related injury per 10,000 population aged 65 or older. • The ICD-10-CD codes used for injuries are defined by CDC NCHS. The specific codes for each type of injury are listed in format catalogs: https://www.cdc.gov/nchs/injury/injury_tools.htm. See "ICD-10-CM External Cause Matrix Excel Files and SAS formats". The catalogs used for this CHIRE dashboard are intent_fmt64b.sas7bcat and mechanism_fmt64b.sas7bdat (last updated 11/22/2021). For further ICD-10-CM information, visit Injury Data and Resources.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Poisoning and unintentional injury hospitalizations per 10,000 population, age-adjusted	The number of hospitalizations per 10,000 population. • The ICD-10-CD codes used for injuries are defined by CDC NCHS. The specific codes for each type of injury are listed in format catalogs: https://www.cdc.gov/nchs/injury/injury_tools.htm. See "ICD-10-CM External Cause Matrix Excel Files and SAS formats". The catalogs used for this CHIR dashboard are intent_fmt64b.sas7bcat and mechanism_fmt64b.sas7bdat	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety

	(last updated 1/12/2017). For further ICD-10-CM information, visit Injury Data and Resources. • As of October 1, 2015, medical data coded using the International Classification of Diseases, 10th Revision, Clinic Modification (ICD-10-CM) requires coders to assign unintentional intent when the intent is not stated in the medical record. This may lead to an overcount of unintentional injuries and an undercount of intentional injuries, such as assaults and self-harm.	Data Contact: SPARCS Phone: (518) 473-8144
Opioid Burden per 10,000 population	Opioid burden includes opioid overdose deaths, non-fatal outpatient ED visits and hospital discharges involving opioid abuse, poisoning, dependence and unspecified use. • Underlying cause of death, determined from the field designated as such, or, where missing or unknown, from the first listed multiple cause of death field: X40-X44, X60-X64, X85, Y10-Y14 AND Any opioid in all other causes of death: T40.0, T40.1, T40.2, T40.3, T40.4, T40.6 ICD-10-CM: Opioid abuse (Principal Diagnosis: F1110, F11120, F11121, F11122, F11129, F1114, F11150, F11151, F11159, F11181, F11182, F11188, F1119); Opioid dependence and unspecified use (Principal Diagnosis: F1120, F11220, F11221, F11222, F11229, F1123, F1124, F11250, F11251, F11259, F11281, F11282, F11288, F1129, F1190, F11920, F11921, F11922, F11929, F1193, F1194, F11950, F11951, F11959, F11981, F11982, F11988, F1199); Opioid poisoning (Principal Diagnosis: T40.0, T40.1, T40.2, T40.3, T40.4, T40.6 (Excludes 'adverse effect' or 'underdosing' as indicated by the values of 5 and 6 in the 6th character; and 'sequela' as indicated by the value of 'S' in the 7th character; e.g. T400X5S, T400X6S)	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144 Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Suicide mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population with a primary cause of death ICD-10 code of: X60-X84, Y87.0.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Respiratory Disease Related Indicators		
Asthma hospitalizations per 10,000 population, aged 0-17 years and total, age-adjusted	The number of hospitalizations per 10,000 population aged 0-17 and total. The ICD-10-CM code used for asthma is: J45.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Chronic lower respiratory disease (CLRD) hospitalizations per 10,000 population, age-adjusted	The number of hospitalizations due to CLRD per 10,000. The ICD-10-CM codes used for CLRD are: J40-J47.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144

Chronic lower respiratory disease (CLRD) mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: J40-J47.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination	Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination. According to the FAQ's page on the Mapping Medicare Disparities by Population website, "Race and ethnicity: A Medicare beneficiary's race and ethnicity is based on the variable imputed race definition created by the Research Triangle Institute (RTI). RTI's race definition improves on the SSA classification of a beneficiary's race and ethnicity which is designated at birth. The RTI race variable imputes race for Hispanic and Asian/Pacific Islander classifications based on Census surname lists for Hispanic and Asian/Pacific Islander origin, as well as geography."	Centers for Medicare & Medicaid Services, Mapping Medicare Disparities by Population [g]
Heart Disease and Stroke Related Indicators		
Disease of the heart mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: I00-I09, I11, I13, and I20-I51.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Disease of the heart hospitalizations per 10,000 population, age-adjusted	The number of hospitalizations per 10,000 population. The ICD-10-CM codes used for diseases of the heart are: I00-I09, I11, I13, I20-I51.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Cerebrovascular disease (stroke) mortality per 100,000 population age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: I60-I69.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	The number of hospitalizations per 10,000 population. The ICD-10-CM codes used for cerebrovascular disease are: I60-I69.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatic Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144

Coronary heart disease mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: I11, I20-I25.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	The number of hospitalizations per 10,000 population. The ICD-10-CM codes used for coronary heart disease are: I11, I20-I25.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Congestive heart failure mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: I50.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Potentially preventable heart failure hospitalization rate per 10,000 - Aged 18 years and older	The number of potentially preventable hospitalizations due to heart failure among persons aged 18 years and older per 10,000. This is a Prevention Quality Indicator (PQI) developed by AHRQ (version 2019). For more information, visit the AHRQ PQI resources page	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Diabetes Related Indicators		
Diabetes mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of: E10-E14.	Vital Statistics Unit [e] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: Vital Statistics Unit Phone: (518) 473-8144
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	The number of hospitalizations due to diabetes per 10,000 population. Only hospitalizations with diabetes as the primary diagnosis are included. The ICD-10-CM codes for diabetes are: E10-E14.	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Diabetes (any diagnosis) hospitalizations per	The number of hospitalizations due to diabetes per 10,000 population. The ICD-10-CM codes for diabetes are: E10-E14.	Statewide Planning and Research Cooperative System (SPARCS) [f]

10,000 population, age-adjusted		Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	The number of potentially preventable hospitalizations of diabetes with short-term complications per 10,000 population among adults aged 18 years and older. This is a Prevention Quality Indicator (PQI) developed by AHRQ (version 2019). For more information, visit the AHRQ PQI resources page	Statewide Planning and Research Cooperative System (SPARCS) [f] Bureau of Health Informatics Division of Information and Statistics Office of Quality and Patient Safety Data Contact: SPARCS Phone: (518) 473-8144
Cancer Related Indicators		
Lung cancer incidence per 100,000 population, age-adjusted

Colorectal cancer incidence per 100,000 population, age-adjusted

Cervix uteri cancer incidence per 100,000 female population, age-adjusted | Incidence data are based on reports from hospitals and other health facilities that diagnose and treat cancer patients. All primary tumors receive an ICD-O-3 code indicating the anatomic site of origin. Standard Site Analysis categories for cancer data analysis are available on the SEER Incidence Site Recode web page [i]. These data include only invasive malignant tumors. | Contact: New York State Cancer Registry at (518) 474-2255. |
Colorectal cancer mortality per 100,000 population, age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of C18-C21, C26.0[i].	Contact: New York State Cancer Registry at (518) 474-2255
Breast cancer mortality per 100,000 female population, age-adjusted	The number of deaths per 100,000 female population, with a primary cause of death ICD-10 code of C50[i].	Contact: New York State Cancer Registry at (518) 474-2255.
Cervix uteri cancer mortality per 100,000 female population age-adjusted	The number of deaths per 100,000 population, with a primary cause of death ICD-10 code of C53[i].	Contact: New York State Cancer Registry at (518) 474-2255.
Late stage breast cancer incidence per 100,000 female population age-adjusted	Incidence data are based on reports from hospitals and other health facilities that diagnose and treat cancer patients. Late stage is defined as regional or distant stage at diagnosis (SEER summary stage), available at SEER web page [i].	Contact: New York State Cancer Registry at (518) 474-2255.
Percentage of female fee-for-service (FFS) Medicare enrollees ages 65-74 who received an annual mammography screening.	Percentage of female fee-for-service (FFS) Medicare enrollees ages 65-74 who received an annual mammography screening.

According to the FAQ's page on the Mapping Medicare Disparities by Population website, "Race and ethnicity: A Medicare beneficiary's race and ethnicity is based on the variable imputed race definition created by the Research Triangle Institute (RTI). RTI's race definition improves on the SSA classification of a beneficiary's race and ethnicity which is designated at birth. The RTI race variable imputes race for Hispanic and Asian/Pacific Islander classifications based on Census surname lists for Hispanic and Asian/Pacific Islander origin, as well as geography." | Centers for Medicare & Medicaid Services, Mapping Medicare Disparities by Population [g] |

Data Notes:

Age-Adjusted Indicators:

Standard population used for age-adjustment using the 2000 projected U.S. population. Klein RJ, Schoenborn CA. Healthy People Statistical Notes, no. 20. Hyattsville, Maryland: National Center for Health Statistics. January 2001.

[a] **Centers for Disease Control and Prevention, National Center for Health Statistics**

U.S. Census Populations With Bridged Race Categories. NCHS Vintage Bridged-race postcensal population estimates single year of age (0 to 85+ years) released annually for the previous year.

[b] **Explore Census Data. U.S. Census Bureau**

Explore Census Data has tables from the American Community Survey (ACS), an ongoing survey of households in the USA. Tables at the Census website show data at the national level, and by state, county, and place, among other geographies. The Census tables used for CHIRE present data by race/ethnic groups including White non-Hispanic, Black or African American, Asian, and Hispanic (of any race). In the Census tables used for CHIRE, the categories of people who are Black or African American, or Asian, also include people who are Hispanic, and category of people who are Hispanic also include people who are White, Black or African American, or Asian. The race/ethnic categories are not mutually exclusive.

[c] **Graduation Rate Database, NYS Department of Education, Downloads**

This database contains annual graduation, and dropout data for the state as well as by county. The data are reported by school year.

[d] **Adult Arrests by Age, Race/Ethnicity and Sex by County and Region, NYS Division of Criminal Justice Services**

Police departments report arrests to DCJS that require fingerprints, the criteria for which are defined in state law. Arrests are reported to the state by the police department that made the arrest.

These are not rates of the number of different people who were arrested within the time period. Rather, these are rates of the number of arrests within the time period.

[e] **Vital Records (Vital Statistics)**

Vital Event Registration: New York State consists of two registration areas, New York City and New York State Exclusive of New York City (also referred as Rest of State). New York City (NYC) includes the five counties of Bronx, Kings (Brooklyn), New York (Manhattan), Queens and Richmond (Staten Island); the remaining 57 counties comprise New York State Exclusive of New York City. The Bureau of Vital Records, New York State Department of Health (the Department), processes data from live birth, death, fetal death and marriage certificates recorded in New York State Exclusive of New York City. Through a cooperative agreement, the New York State Department of Health receives data on live births, deaths, fetal deaths and marriages recorded in New York City from the New York City Department of Health and on live births and deaths recorded outside of New York State to residents of New York State from other states and Canada.

Vital Event indicators for NYC geographical areas reported by the Department and DOHMH are different since the former may include all NYC residents' events regardless of where they occurred and the latter reports only events to NYC residents that occurred in NYC. The indicators may also differ due to timing and/or completeness of data.

The counts of births and deaths may be influenced by specific reporting issues each year. The specific issues are reported in the technical notes of the Vital Statistics reports, in the Report Measures section.

All the vital statistics presented in this report are based on the county/borough of residence.

[f] **Statewide Planning and Research Cooperative System (SPARCS)**

Information about hospitalizations is collected through the hospital inpatient discharge data system. Each hospitalization receives an ICD-10 code at discharge that indicates the primary reason for the hospitalization. There are also up to 24 other diagnosis codes recorded to further describe the hospitalization. Statistics presented in these tables are based on the primary diagnosis unless otherwise noted. This data system does not include information about events that did not result in a hospitalization, such as cases that were only treated in a hospital emergency room. Numbers and rates are based on the number of hospitalizations that occurred and not on the number of individuals who were hospitalized.

[g] **Centers for Medicare & Medicaid (CMS)**

The CMS's Services Mapping Medicare Disparities by Population is an interactive tool that contains health outcome measures for disease prevalence, costs, hospitalization for 60 specific chronic conditions, emergency department utilization, readmissions rates, mortality, preventable hospitalizations, and preventive services. The race/ethnic categories used in the CMS tables follow the Census race/ethnic categories, except that in the CMS tables, Asian include Pacific Islanders.

[h] **APNCU**

APNCU Index: The APNCU Index is an adequacy of prenatal care index that takes into account the number of prenatal care visits received and number of expected by age of gestation at delivery, and incorporates a category that distinguishes women who have had more prenatal visits than would be expected (Adequacy Plus Category)

[i] **National Cancer Institute's Surveillance, Epidemiology and End Results (SEER) Program**

The SEER Site Recode: http://seer.cancer.gov/siterecode/

The SEER Cause of Death Recode: http://seer.cancer.gov/codrecode/

Unstable Estimates:

For indicators from the U.S. Census Bureau's American Community Survey (ACS), the relative standard error, a measure of variation, is large compared to estimate, over 30 percent of the estimate. Therefore, percentage is unstable.

For all other indicators except the first three population indicators, and arrest rate and drop out rate, fewer than 10 events in the numerator, therefore, the rate or percentage is unstable.

New York State Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	11,013,650	2,941,357	1,788,621	3,728,743	19,544,098
Percentage of population (2018)	56.4%	15.0%	9.2%	19.1%	100.0%
Percentage of population aged 65 years or older (2018)	20.3%	13.4%	12.6%	9.8%	16.5%
Median annual household income in US dollars (2017-2021)~	85,520	53,697	83,399	55,621	75,157
Percentage of families below poverty (2017-2021)~	5.7%	16.5%	11.3%	17.6%	9.8%
Percentage of children under age 18 below poverty (2017-2021)~	12.1%	28.0%	16.7%	25.9%	18.4%
Percentage unemployed among the civilian labor force (2017-2021)~	4.9%	9.2%	5.7%	8.3%	6.2%
Percentage of population with no health insurance (2017-2021)~	3.3%	6.0%	6.5%	10.1%	5.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	44.7%	25.2%	48.3%	21.0%	38.1%
Percentage of population in single parent families (2017-2021)~	9.9%	32.6%	7.7%	28.1%	16.0%
Percentage of population with a disability (2017-2021)~	12.1%	12.8%	6.9%	11.4%	11.6%
Percentage of population who speak English less than very well (2017-2021)~	4.5%	6.2%	41.3%	32.9%	6.7%
Percentage of high school students who dropped out (2021-2022)	4.0%	9.8%	4.0%	12.2%	7.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	11.2	49.5	6.7	25.2	19.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	678.3	807.8	398.1	609.2	686.3
Percentage of premature deaths (< 75 years)	35.5%	56.2%	42.6%	53.5%	41.3%
Years of potential life lost per 100,000 population, age-adjusted	5,415.3	8,735.1	2,613.9	5,585.4	5,904.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	90.8	200.1	45.1	124.8	117.6
Birth-Related Indicators					
Number of births per year (3 year average)	106,880	31,062	23,143	50,132	217,763
Percentage of births with early (1st trimester) prenatal care	82.0%	65.8%	78.5%	70.0%	76.2%
Percentage of births with adequate prenatal care (APNCU)^	79.6%	67.7%	77.4%	69.8%	75.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.6%	13.1%	8.4%	10.0%	9.1%
Percentage of low birthweight births (< 2.5 kg)	6.2%	13.1%	8.7%	8.5%	8.1%
Teen pregnancies per 1,000 females aged under 18 years	1.5	7.7	0.9	6.6	4.2
Pregnancies per 1,000 females aged 15-44 years	62.7	86.2	61.2	82.1	76.3
Fertility per 1,000 females aged 15-44 years	53.5	48.7	55.0	60.4	55.8
Infant mortality per 1,000 live births	3.2	8.4	1.6	3.7	4.2
Percentage of low-risk births delivered by cesarean section	26.8%	33.3%	28.5%	29.2%	28.5%
Injury-Related Indicators					

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.5	5.1	2.5	4.7	5.2
Unintentional injury mortality per 100,000 population, age-adjusted	39.8	35.0	11.0	33.2	36.1
Unintentional injury hospitalizations per 10,000 population, age-adjusted	61.3	61.2	26.5	52.3	66.0
Fall hospitalizations per 10,000 population, aged 65 years or older	205.0	100.6	87.0	121.0	192.6
Poisoning hospitalizations per 10,000 population, age-adjusted	8.6	13.2	2.3	8.8	10.0
Suicide mortality per 100,000 population, age-adjusted	10.3	4.5	5.3	4.6	8.1
Opioid burden per 100,000 population	247.1	269.4	20.8	253.3	254.0
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	3.0	18.1	3.5	13.4	8.5
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.0	32.8	8.2	19.6	15.9
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	31.4	21.2	8.8	15.6	27.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	14.1	34.1	6.9	24.0	20.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	52%	33%	50%	36%	49%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	170.5	224.2	104.3	144.6	174.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	68.1	96.2	37.6	67.3	79.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	23.4	28.3	17.2	22.5	24.3
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	16.6	29.0	12.4	17.1	20.9
Coronary heart disease mortality per 100,000 population, age-adjusted	128.5	190.4	93.2	123.5	137.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	19.7	20.6	15.5	20.3	23.2
Congestive heart failure mortality per 100,000 population, age-adjusted	12.3	7.8	2.6	5.6	10.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	35.9	59.0	12.9	27.2	39.5
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	15.4	35.9	13.3	21.1	19.2
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	11.9	36.6	5.6	23.2	18.7
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	149.0	324.1	118.5	249.5	210.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.5	14.9	1.4	7.4	7.1
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	64.3	47.1	46.6	31.9	56.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.8	14.3	8.0	9.4	11.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.0	39.1	33.3	31.5	37.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.2	24.8	9.7	13.5	18.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	42.2	51.9	32.4	31.3	41.4
Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.6	3.1	1.7	2.0	1.9

Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	6.6	9.8	8.4	8.8	7.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	37%	33%	34%	43%

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
s	Data are suppressed. The data do not meet the criteria for confidentiality.
~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

New York City Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	2,767,463	1,892,407	1,280,423	2,428,508	8,396,614
Percentage of population (2018)	33.0%	22.5%	15.2%	28.9%	100.0%
Percentage of population aged 65 years or older (2018)	19.1%	14.7%	13.2%	11.3%	14.9%
Median annual household income in US dollars (2017-2021)~	102,960	53,075	76,832	49,275	70,663
Percentage of families below poverty (2017-2021)~	6.8%	16.6%	12.9%	19.9%	13.6%
Percentage of children under age 18 below poverty (2017-2021)~	15.6%	27.6%	18.5%	29.8%	23.2%
Percentage unemployed among the civilian labor force (2017-2021)~	5.3%	9.7%	6.1%	9.3%	7.5%
Percentage of population with no health insurance (2017-2021)~	3.7%	6.5%	7.1%	10.7%	6.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	61.2%	25.3%	44.0%	20.1%	39.6%
Percentage of population in single parent families (2017-2021)~	7.3%	31.8%	7.8%	30.0%	19.1%
Percentage of population with a disability (2017-2021)~	10.1%	12.7%	7.1%	12.6%	10.9%
Percentage of population who speak English less than very well (2017-2021)~	11.4%	6.9%	46.0%	36.0%	11.8%
Percentage of high school students who dropped out (2021-2022)	4.9%	10.0%	4.9%	12.3%	9.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	7.2	45.4	7.7	25.8	21.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	575.3	796.3	411.4	624.5	645.1
Percentage of premature deaths (< 75 years)	32.9%	54.7%	42.0%	51.7%	44.8%
Years of potential life lost per 100,000 population, age-adjusted	4,186.8	8,486.8	2,715.9	5,746.5	5,706.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	70.6	190.9	46.0	133.0	125.3
Birth-Related Indicators					
Number of births per year (3 year average)	33,906	19,279	16,731	29,644	102,324
Percentage of births with early (1st trimester) prenatal care	82.1%	63.6%	78.7%	68.0%	73.7%
Percentage of births with adequate prenatal care (APNCU)^	77.7%	66.4%	77.4%	68.4%	72.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	6.4%	12.9%	8.4%	9.9%	9.1%
Percentage of low birthweight births (< 2.5 kg)	5.7%	12.7%	8.9%	8.6%	8.5%
Teen pregnancies per 1,000 females aged under 18 years	0.9	7.8	1.0	6.7	5.3
Pregnancies per 1,000 females aged 15-44 years	68.9	88.0	63.8	79.5	82.3
Fertility per 1,000 females aged 15-44 years	57.5	46.8	55.9	54.7	55.3
Infant mortality per 1,000 live births	2.1	7.0	1.6	3.1	3.7
Percentage of low-risk births delivered by cesarean section	24.2%	33.1%	27.5%	28.9%	27.7%
Injury-Related Indicators					

Motor vehicle-related mortality per 100,000 population, age-adjusted	2.5	3.4	2.4	3.4	3.2
Unintentional injury mortality per 100,000 population, age-adjusted	28.1	30.7	10.6	32.3	28.4
Unintentional injury hospitalizations per 10,000 population, age-adjusted	50.9	57.5	26.6	53.4	61.3
Fall hospitalizations per 10,000 population, aged 65 years or older	192.2	97.0	90.6	119.8	166.1
Poisoning hospitalizations per 10,000 population, age-adjusted	6.2	13.1	2.1	10.0	10.1
Suicide mortality per 100,000 population, age-adjusted	7.8	4.2	5.6	4.3	5.9
Opioid burden per 100,000 population	246.5	292.6	21.4	301.2	277.1
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.7	20.3	3.8	16.4	12.8
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.6	39.7	9.0	25.0	24.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	18.8	19.7	9.4	16.1	17.9
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	10.3	35.2	7.3	27.9	24.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	NA	NA	NA	NA	NA
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	183.5	234.3	110.2	153.6	187.9
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	56.4	91.8	37.7	69.3	79.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	15.1	26.0	16.5	21.4	20.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	12.6	26.8	12.6	17.1	21.1
Coronary heart disease mortality per 100,000 population, age-adjusted	164.3	208.3	100.3	135.1	167.4
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.7	19.3	15.5	20.6	23.5
Congestive heart failure mortality per 100,000 population, age-adjusted	5.1	5.8	2.1	4.7	5.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	28.6	59.7	13.8	31.3	39.9
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	11.5	35.9	13.0	22.2	20.7
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	9.1	34.9	5.7	25.6	22.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	122.5	308.2	120.6	265.5	241.2
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	2.4	13.5	1.4	7.9	7.5
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	52.4	43.1	52.0	30.9	45.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.2	14.3	7.9	9.9	11.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.6	37.7	34.1	31.2	36.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.7	25.0	9.7	13.6	18.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	45.9	53.1	32.3	30.4	42.1
Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.3	3.1	1.7	2.2	2.1

Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.1	10.7	9.3	9.1	9.0
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	NA	NA	NA	NA	NA

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
s	Data are suppressed. The data do not meet the criteria for confidentiality.
~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

New York State (Excluding NYC) Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	8,246,187	1,048,950	508,198	1,300,235	11,147,484
Percentage of population (2018)	74.0%	9.4%	4.6%	11.7%	100.0%
Percentage of population aged 65 years or older (2018)	20.7%	11.0%	10.9%	6.9%	17.7%
Median annual household income in US dollars (2017-2021)~	NA	NA	NA	NA	NA
Percentage of families below poverty (2017-2021)~	NA	NA	NA	NA	NA
Percentage of children under age 18 below poverty (2017-2021)~	11.0%	28.8%	12.9%	20.0%	14.7%
Percentage unemployed among the civilian labor force (2017-2021)~	NA	NA	NA	NA	NA
Percentage of population with no health insurance (2017-2021)~	3.1%	4.9%	4.9%	9.0%	4.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	38.9%	24.9%	60.7%	22.9%	37.0%
Percentage of population in single parent families (2017-2021)~	10.7%	34.3%	7.2%	24.1%	13.8%
Percentage of population with a disability (2017-2021)~	12.8%	13.1%	6.3%	9.1%	12.1%
Percentage of population who speak English less than very well (2017-2021)~	2.1%	4.7%	29.7%	27.0%	2.8%
Percentage of high school students who dropped out (2021-2022)	3.9%	9.4%	2.3%	12.0%	6.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	12.5	57.4	4.0	24.0	17.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	714.0	834.2	356.7	570.1	714.6
Percentage of premature deaths (< 75 years)	36.2%	59.5%	44.9%	58.8%	39.3%
Years of potential life lost per 100,000 population, age-adjusted	5,927.9	9,160.3	2,347.4	5,212.7	6,139.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	97.8	220.6	42.5	106.2	112.5
Birth-Related Indicators					
Number of births per year (3 year average)	72,974	11,783	6,412	20,488	115,439
Percentage of births with early (1st trimester) prenatal care	81.9%	69.6%	78.0%	72.8%	78.4%
Percentage of births with adequate prenatal care (APNCU)^	80.6%	70.0%	77.6%	71.9%	77.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.2%	13.5%	8.6%	10.2%	9.2%
Percentage of low birthweight births (< 2.5 kg)	6.5%	13.7%	8.3%	8.4%	7.7%
Teen pregnancies per 1,000 females aged under 18 years	1.6	7.7	0.7	6.4	3.4
Pregnancies per 1,000 females aged 15-44 years	60.0	83.0	54.7	87.0	70.8
Fertility per 1,000 females aged 15-44 years	51.8	52.1	52.9	71.2	56.3
Infant mortality per 1,000 live births	3.7	10.7	1.7	4.6	4.7
Percentage of low-risk births delivered by cesarean section	28.2%	33.5%	31.6%	29.6%	29.2%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	6.6	8.2	2.7	7.4	6.8
Unintentional injury mortality per 100,000 population, age-adjusted	44.6	43.3	12.1	35.3	42.6
Unintentional injury hospitalizations per 10,000 population, age-adjusted	65.1	68.8	26.2	51.5	69.4
Fall hospitalizations per 10,000 population, aged 65 years or older	209.0	109.3	75.9	124.5	209.4
Poisoning hospitalizations per 10,000 population, age-adjusted	9.7	13.0	2.6	6.3	10.1
Suicide mortality per 100,000 population, age-adjusted	11.3	5.1	4.6	5.1	9.8
Opioid burden per 100,000 population	242.3	227.0	19.7	167.7	234.3
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	3.2	14.4	2.9	7.6	5.4
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.2	22.5	6.4	11.6	9.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	35.3	25.2	6.6	14.6	33.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	15.4	33.2	5.7	16.2	18.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	NA	NA	NA	NA	NA
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	166.4	199.3	84.3	118.1	166.2
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	71.9	106.4	37.4	63.2	79.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	26.1	34.2	19.4	25.8	27.0
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.8	33.7	11.7	17.6	20.7
Coronary heart disease mortality per 100,000 population, age-adjusted	116.8	147.6	69.3	89.6	117.5
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	20.7	23.3	15.8	19.5	23.0
Congestive heart failure mortality per 100,000 population, age-adjusted	14.6	12.9	4.1	8.5	14.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	38.4	57.7	10.3	18.9	39.2
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	16.6	36.0	14.2	18.4	18.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.0	39.5	5.1	17.4	16.4
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	158.0	358.6	112.3	211.8	190.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.2	17.6	1.3	6.3	6.8
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	67.8	56.2	30.3	35.1	64.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.0	14.5	8.4	8.2	11.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	37.9	42.3	30.8	32.8	37.7
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.2	24.0	9.8	13.2	18.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	41.2	49.6	32.9	34.0	40.9
Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-	1.7	3.1	1.7	1.4	1.8

2019)					
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	6.5	7.8	5.5	7.9	6.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	NA	NA	NA	NA	NA

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
s	Data are suppressed. The data do not meet the criteria for confidentiality.
~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Albany County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	223,571	41,690	21,907	18,943	306,691
Percentage of population (2018)	72.9%	13.6%	7.1%	6.2%	100.0%
Percentage of population aged 65 years or older (2018)	20.2%	9.6%	6.6%	5.9%	16.9%
Median annual household income in US dollars (2017-2021)~	81,843	42,050	84,393	53,944	73,810
Percentage of families below poverty (2017-2021)~	3.7%	21.8%	10.1%	15.5%	6.8%
Percentage of children under age 18 below poverty (2017-2021)~	7.2%	29.4%	15.6%	26.6%	14.8%
Percentage unemployed among the civilian labor force (2017-2021)~	3.6%	10.5%	4.0%	8.0%	4.9%
Percentage of population with no health insurance (2017-2021)~	2.3%	5.0%	2.5%	6.1%	3.0%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	46.7%	24.7%	61.3%	32.4%	44.3%
Percentage of population in single parent families (2017-2021)~	12.2%	49.6%	6.5%	36.9%	17.3%
Percentage of population with a disability (2017-2021)~	11.2%	14.8%	6.2%	11.9%	11.4%
Percentage of population who speak English less than very well (2017-2021)~	1.5%	3.0%	36.1%	14.9%	1.8%
Percentage of high school students who dropped out (2021-2022)	4.2%	10.6%	2.8%	14.2%	6.5%
Arrests per 1,000 population aged 18 years or older (2019-2021)	12.4	69.1	3.3	34.4	20.4
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	705.2	901.9	403.6	528.5	724.4
Percentage of premature deaths (< 75 years)	35.6%	71.1%	44.2%	69.0%	40.7%
Years of potential life lost per 100,000 population, age-adjusted	5,710.3	11,577.4	2,267.8	6,306.0	6,486.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	87.9	251.6	28.0	75.3	107.3
Birth-Related Indicators					
Number of births per year (3 year average)	1,662	524	326	275	2,935
Percentage of births with early (1st trimester) prenatal care	83.8%	68.0%	75.6%	69.4%	78.0%
Percentage of births with adequate prenatal care (APNCU)^	85.7%	70.8%	80.8%	72.5%	80.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.3%	13.2%	8.6%	11.3%	9.7%
Percentage of low birthweight births (< 2.5 kg)	6.3%	12.2%	8.6%	10.7%	8.2%
Teen pregnancies per 1,000 females aged under 18 years	2.0	15.6	0.3*	13.1	5.9
Pregnancies per 1,000 females aged 15-44 years	48.2	97.9	54.5	79.1	62.6
Fertility per 1,000 females aged 15-44 years	37.8	49.8	51.1	54.2	44.4
Infant mortality per 1,000 live births	3.6	12.1	1.0*	9.7*	5.9

Percentage of low-risk births delivered by cesarean section	26.7%	33.8%	28.9%	25.5%	27.9%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	4.2	11.8	1.5*	6.0*	5.3
Unintentional injury mortality per 100,000 population, age-adjusted	29.4	46.4	15.4*	40.8	31.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	69.1	86.2	22.5	49.6	74.2
Fall hospitalizations per 10,000 population, aged 65 years or older	245.9	138.9	71.5	89.6	238.1
Poisoning hospitalizations per 10,000 population, age-adjusted	10.5	17.4	3.6	11.0	11.6
Suicide mortality per 100,000 population, age-adjusted	11.5	3.5*	5.6*	5.4*	9.7
Opioid burden per 100,000 population	289.4	306.2	22.8	160.1	288.3

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.0	20.5	2.3	7.3	6.5
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.4	27.5	7.5	15.9	12.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	29.7	41.4	13.7*	18.7*	30.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	12.9	49.4	3.1	17.1	18.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	58%	36%	52%	40%	56%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	160.6	216.3	95.4	108.4	165.8
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	67.7	119.7	27.9	33.4	75.4
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	23.3	38.0	34.4	13.0*	25.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.1	40.5	13.4	15.5	23.1
Coronary heart disease mortality per 100,000 population, age-adjusted	98.1	141.4	73.4	41.1	101.9
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.2	27.1	9.7	11.4	18.4
Congestive heart failure mortality per 100,000 population, age-adjusted	16.4	18.0	3.5*	12.1*	16.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	35.1	53.6	5.0	8.0	35.1

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	16.0	44.1	17.9*	54.9	19.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	11.6	49.8	2.0	12.4	16.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	164.2	463.8	78.7	165.2	202.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.5	18.3	s	4.5	6.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	70.8	86.4	28.1	28.7*	70.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.7	9.5*	22.5*	s	9.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	35.9	41.7	30.7	30.0*	35.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	19.4	27.3	s	s	19.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	40.9	68.0	39.7	s	42.0

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.3*	s	s	0.0*	1.6*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	6.6	s	s	s	6.5
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	38%	34%	30%	46%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Allegany County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	44,007	744	623	793	46,286
Percentage of population (2018)	95.1%	1.6%	1.3%	1.7%	100.0%
Percentage of population aged 65 years or older (2018)	19.5%	5.1%	6.1%	7.8%	18.9%
Median annual household income in US dollars (2017-2021)~	54,315	NA	84,063	55,385*	54,375
Percentage of families below poverty (2017-2021)~	10.0%	3.7%*	0.0%	58.5%*	10.2%
Percentage of children under age 18 below poverty (2017-2021)~	25.6%	73.1%	38.6%	40.9%	25.8%
Percentage unemployed among the civilian labor force (2017-2021)~	6.6%	10.4%*	9.7%*	3.1%*	6.7%
Percentage of population with no health insurance (2017-2021)~	6.1%	3.9%*	6.7%*	10.3%*	6.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	22.0%	16.4%*	42.9%	43.8%	22.4%
Percentage of population in single parent families (2017-2021)~	12.9%	0.0%	8.3%	73.2%	13.0%
Percentage of population with a disability (2017-2021)~	16.2%	10.5%*	7.8%*	14.7%	16.1%
Percentage of population who speak English less than very well (2017-2021)~	1.3%	5.1%	26.4%	4.1%	0.7%
Percentage of high school students who dropped out (2021-2022)	4.6%	0.0%	0.0%	20.0%	5.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	17.6	62.8	4.0	31.7	18.5
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	830.3	209.4*	132.5*	484.6*	819.1
Percentage of premature deaths (< 75 years)	41.0%	66.7%*	100.0%*	37.5%*	41.0%
Years of potential life lost per 100,000 population, age-adjusted	7,159.3	3,552.7	1,318.8	2,985.0	6,934.6
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	126.1	65.2*	s	167.7	125.7
Birth-Related Indicators					
Number of births per year (3 year average)	426	1	6	28	469
Percentage of births with early (1st trimester) prenatal care	72.7%	s	s	46.8%	71.7%
Percentage of births with adequate prenatal care (APNCU)^	73.5%	s	s	39.0%	72.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.6%	s	s	4.4%*	8.8%
Percentage of low birthweight births (< 2.5 kg)	6.7%	s	s	6.4%*	6.7%
Teen pregnancies per 1,000 females aged under 18 years	1.4*	0.0*	0.0*	0.0*	1.3*
Pregnancies per 1,000 females aged 15-44 years	62.0	28.6	32.3	170.3	64.1
Fertility per 1,000 females aged 15-44 years	53.4	6.7*	27.9	152.3	54.4
Infant mortality per 1,000 live births	3.9*	s	s	0.0*	3.6*

Percentage of low-risk births delivered by cesarean section	22.6%	s	s	s	23.2%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	10.2	0.0*	0.0*	0.0*	9.6
Unintentional injury mortality per 100,000 population, age-adjusted	42.5	0.0*	0.0*	0.0*	40.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	61.3	s	s	39.4*	63.1
Fall hospitalizations per 10,000 population, aged 65 years or older	160.5	0.0*	0.0*	s	163.2
Poisoning hospitalizations per 10,000 population, age-adjusted	7.5	s	0.0*	s	7.3
Suicide mortality per 100,000 population, age-adjusted	18.9	51.4*	0.0*	0.0*	18.7
Opioid burden per 100,000 population	124.2	0.0*	0.0*	s	122.4
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.7	0.0*	0.0*	s	2.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	0.0*	0.0*	s	2.8*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	59.4	0.0*	0.0*	0.0*	58.7
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	22.2	0.0*	0.0*	s	22.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	42%	NA	NA	NA	42%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	165.3	0.0*	0.0*	141.5*	162.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	80.0	s	s	105.8	82.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	24.6	93.4*	0.0*	0.0*	24.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	18.7	s	0.0*	s	19.4
Coronary heart disease mortality per 100,000 population, age-adjusted	97.0	0.0*	0.0*	141.5*	95.9
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	20.1	s	0.0*	s	21.3
Congestive heart failure mortality per 100,000 population, age-adjusted	14.6	0.0*	0.0*	0.0*	14.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	42.6	0.0*	0.0*	47.0*	41.8
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	33.8	0.0*	0.0*	76.5*	34.6
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.0	s	s	s	13.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	179.9	185.6	48.4*	201.8	184.6
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.2	0.0*	0.0*	0.0*	5.0
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	69.2	0.0*	0.0*	s	68.7
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	20.3	0.0*	0.0*	0.0*	19.8
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	54.6	0.0*	0.0*	0.0*	53.3
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.6	0.0*	0.0*	0.0*	17.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	34.5	0.0*	0.0*	0.0*	33.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	NA	NA	NA	46%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Bronx County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	135,930	428,514	60,073	802,667	1,432,316
Percentage of population (2018)	9.5%	29.9%	4.2%	56.0%	100.0%
Percentage of population aged 65 years or older (2018)	26.9%	12.9%	12.2%	10.5%	12.9%
Median annual household income in US dollars (2017-2021)~	70,622	44,064	64,650	38,223	43,726
Percentage of families below poverty (2017-2021)~	7.8%	21.7%	17.0%	26.4%	22.8%
Percentage of children under age 18 below poverty (2017-2021)~	17.7%	35.2%	28.6%	37.8%	35.4%
Percentage unemployed among the civilian labor force (2017-2021)~	8.0%	11.9%	7.1%	11.6%	11.2%
Percentage of population with no health insurance (2017-2021)~	4.2%	7.2%	5.0%	8.9%	7.8%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	41.5%	21.3%	37.7%	15.0%	20.9%
Percentage of population in single parent families (2017-2021)~	9.5%	37.7%	11.4%	38.1%	33.7%
Percentage of population with a disability (2017-2021)~	17.5%	14.9%	10.2%	15.9%	15.6%
Percentage of population who speak English less than very well (2017-2021)~	11.0%	10.6%	42.9%	36.8%	14.6%
Percentage of high school students who dropped out (2021-2022)	8.0%	12.9%	3.6%	15.0%	13.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	10.7	46.2	10.3	26.5	30.3
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	803.0	884.8	397.1	699.5	794.0
Percentage of premature deaths (< 75 years)	34.2%	59.4%	51.4%	54.9%	52.6%
Years of potential life lost per 100,000 population, age-adjusted	8,050.9	9,930.4	3,074.3	6,647.8	8,034.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	115.1	229.7	67.4	193.9	210.0
Birth-Related Indicators					
Number of births per year (3 year average)	1,211	5,347	1,005	10,786	18,731
Percentage of births with early (1st trimester) prenatal care	67.9%	55.7%	60.2%	60.3%	59.4%
Percentage of births with adequate prenatal care (APNCU)^	65.5%	58.5%	67.3%	62.0%	61.4%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.5%	11.7%	8.9%	10.0%	10.3%
Percentage of low birthweight births (< 2.5 kg)	7.0%	12.4%	10.8%	9.3%	10.2%
Teen pregnancies per 1,000 females aged under 18 years	2.9	8.2	1.0*	7.4	7.7
Pregnancies per 1,000 females aged 15-44 years	76.5	100.8	82.7	88.9	98.6
Fertility per 1,000 females aged 15-44 years	55.1	58.3	73.8	58.3	59.8
Infant mortality per 1,000 live births	3.3	6.9	1.3*	3.6	4.9

Percentage of low-risk births delivered by cesarean section	27.4%	32.6%	29.6%	28.8%	29.8%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	5.7	3.0	1.7*	2.6	3.1
Unintentional injury mortality per 100,000 population, age-adjusted	65.0	40.5	10.8	39.2	42.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	78.3	78.7	26.6	70.4	87.6
Fall hospitalizations per 10,000 population, aged 65 years or older	209.1	131.0	69.3	156.2	190.4
Poisoning hospitalizations per 10,000 population, age-adjusted	15.9	22.0	2.6	16.7	20.6
Suicide mortality per 100,000 population, age-adjusted	8.9	5.0	4.2*	4.1	5.0
Opioid burden per 100,000 population	858.5	402.9	36.1	386.4	476.3
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	7.0	27.2	8.5	28.2	28.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	9.4	45.2	18.3	37.2	43.6
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	32.7	24.5	10.0	21.7	25.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	24.4	47.5	15.4	46.5	48.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	48%	31%	45%	32%	37%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	227.9	243.9	100.4	162.1	208.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	64.1	101.5	44.3	88.1	103.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	23.3	30.7	16.5	26.0	27.5
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.0	30.3	12.1	20.6	27.3
Coronary heart disease mortality per 100,000 population, age-adjusted	204.1	214.9	94.3	140.8	182.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	19.2	20.9	21.2	24.6	28.4
Congestive heart failure mortality per 100,000 population, age-adjusted	5.8	5.5	1.2*	4.9	5.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.5	61.8	16.7	40.4	52.6
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	20.0	33.4	17.8	26.9	28.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	18.8	42.7	8.4	35.5	39.7
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	188.2	386.0	173.0	369.1	395.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.2	14.5	1.4	10.2	12.4
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	57.0	52.3	39.3	37.5	45.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.6	13.3	6.1	10.9	12.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	45.6	39.4	31.8	31.8	36.1
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	20.9	26.6	s	15.7	19.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	47.8	51.8	44.7	32.1	40.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	3.3*	3.4	0.0*	2.3	2.7
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.7	11.6	7.3*	9.2	9.9
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	40%	37%	29%	31%	35%

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Broome County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	162,157	12,237	8,925	8,468	192,222
Percentage of population (2018)	84.4%	6.4%	4.6%	4.4%	100.0%
Percentage of population aged 65 years or older (2018)	21.4%	6.2%	7.8%	5.1%	19.1%
Median annual household income in US dollars (2017-2021)~	56,927	32,288	45,325	43,958	53,982
Percentage of families below poverty (2017-2021)~	9.5%	38.7%	14.4%	26.0%	11.6%
Percentage of children under age 18 below poverty (2017-2021)~	20.6%	47.9%	23.4%	38.7%	24.5%
Percentage unemployed among the civilian labor force (2017-2021)~	6.5%	20.3%	7.5%	12.2%	7.5%
Percentage of population with no health insurance (2017-2021)~	3.5%	4.1%	5.9%	9.3%	3.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	29.1%	15.6%	50.6%	24.0%	28.9%
Percentage of population in single parent families (2017-2021)~	14.8%	53.3%	12.3%	35.4%	17.2%
Percentage of population with a disability (2017-2021)~	16.5%	15.6%	6.5%	13.5%	15.8%
Percentage of population who speak English less than very well (2017-2021)~	1.0%	2.4%	37.0%	12.3%	1.4%
Percentage of high school students who dropped out (2021-2022)	6.1%	16.7%	2.2%	20.2%	7.8%
Arrests per 1,000 population aged 18 years or older (2019-2021)	21.4	137.0	7.2	47.6	28.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	779.9	906.9	354.7	587.1	782.1
Percentage of premature deaths (< 75 years)	36.9%	76.7%	38.0%	79.5%	38.8%
Years of potential life lost per 100,000 population, age-adjusted	7,175.0	11,504.2	3,169.6	8,376.3	7,449.8
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	129.5	324.4	8.0*	113.4	138.9
Birth-Related Indicators					
Number of births per year (3 year average)	1,428	153	77	128	1,870
Percentage of births with early (1st trimester) prenatal care	73.9%	56.0%	67.8%	61.6%	70.9%
Percentage of births with adequate prenatal care (APNCU)^	82.6%	66.9%	79.6%	71.6%	80.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.7%	11.6%	9.1%	11.8%	9.4%
Percentage of low birthweight births (< 2.5 kg)	7.1%	12.7%	7.8%	8.1%	7.9%
Teen pregnancies per 1,000 females aged under 18 years	3.6	13.9	0.0*	10.9	5.8
Pregnancies per 1,000 females aged 15-44 years	62.7	94.4	32.0	80.8	68.7
Fertility per 1,000 females aged 15-44 years	49.5	49.0	27.4	58.6	50.5
Infant mortality per 1,000 live births	4.0	15.3*	8.7*	7.8*	5.5

Percentage of low-risk births delivered by cesarean section	26.1%	27.1%	25.5%	30.4%	26.2%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.8	0.0*	5.0*	5.8*	5.5
Unintentional injury mortality per 100,000 population, age-adjusted	56.2	62.0	13.3*	57.2	55.1
Unintentional injury hospitalizations per 10,000 population, age-adjusted	75.6	76.2	7.2	33.2	76.5
Fall hospitalizations per 10,000 population, aged 65 years or older	251.5	70.2	s	101.0	246.7
Poisoning hospitalizations per 10,000 population, age-adjusted	14.0	24.4	s	6.2	14.2
Suicide mortality per 100,000 population, age-adjusted	11.1	4.6*	0.0*	3.6*	10.0
Opioid burden per 100,000 population	296.6	392.3	0.0*	251.9	298.8

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	4.8	17.6	0.0*	5.0	5.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	9.5	17.3	0.0*	9.1*	10.6
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	46.1	45.4	0.0*	18.8*	45.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	18.6	43.3	0.0*	14.4	19.9
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	56%	40%	49%	38%	55%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	163.3	207.0	68.1	108.8	164.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	80.4	121.5	9.6	64.8	83.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	31.4	27.4*	24.1*	40.2*	31.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	21.4	40.0	s	19.4	22.5
Coronary heart disease mortality per 100,000 population, age-adjusted	102.1	150.0	43.6*	43.2*	102.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	24.4	36.6	4.1*	19.1	25.5
Congestive heart failure mortality per 100,000 population, age-adjusted	12.4	7.0*	0.0*	0.0*	12.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	47.1	46.1	s	15.7	44.9

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	22.5	31.8*	15.2*	5.8*	22.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	17.4	69.2	s	18.3	20.7
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	200.7	480.8	33.4	265.8	219.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.8	32.2	s	7.2	8.4

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	61.4	77.3	s	51.0*	61.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.5	s	s	s	12.8
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	36.8	21.7*	s	s	36.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	13.9	s	0.0*	s	13.5
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	38.4	s	s	s	36.6

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.9*	s	0.0*	0.0*	1.9*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	8.7	s	0.0*	0.0*	9.1
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	37%	29%	47%	46%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Cattaraugus County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	70,140	1,562	675	1,661	76,748
Percentage of population (2018)	91.4%	2.0%	0.9%	2.2%	100.0%
Percentage of population aged 65 years or older (2018)	20.1%	6.8%	9.3%	4.5%	19.1%
Median annual household income in US dollars (2017-2021)~	54,358	36,431	49,896*	34,375	53,537
Percentage of families below poverty (2017-2021)~	10.8%	14.4%*	5.5%*	23.8%*	11.6%
Percentage of children under age 18 below poverty (2017-2021)~	23.9%	15.4%	12.5%	26.6%	24.9%
Percentage unemployed among the civilian labor force (2017-2021)~	5.5%	24.6%*	3.9%*	6.5%*	6.0%
Percentage of population with no health insurance (2017-2021)~	6.2%	3.9%*	2.0%*	2.3%*	6.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	20.4%	10.9%*	41.5%	2.4%*	20.0%
Percentage of population in single parent families (2017-2021)~	16.5%	21.6%	3.6%	25.2%	17.5%
Percentage of population with a disability (2017-2021)~	16.4%	18.3%	1.4%*	16.8%	16.3%
Percentage of population who speak English less than very well (2017-2021)~	1.1%	6.0%	28.6%	14.3%	0.6%
Percentage of high school students who dropped out (2021-2022)	7.0%	23.5%	6.7%	11.5%	8.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	21.7	138.5	6.1	42.5	26.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	836.3	836.8	105.1*	652.6	847.1
Percentage of premature deaths (< 75 years)	44.4%	59.1%	50.0%*	78.6%	45.8%
Years of potential life lost per 100,000 population, age-adjusted	7,824.9	7,068.2	1,844.4	5,515.3	8,142.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	129.3	361.4	56.8*	120.7	135.0
Birth-Related Indicators					
Number of births per year (3 year average)	658	6	6	108	841
Percentage of births with early (1st trimester) prenatal care	74.5%	s	s	71.7%	73.0%
Percentage of births with adequate prenatal care (APNCU)^	77.0%	s	s	76.5%	75.3%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.1%	s	s	10.5%*	8.4%
Percentage of low birthweight births (< 2.5 kg)	7.6%	s	s	10.5%*	7.8%
Teen pregnancies per 1,000 females aged under 18 years	2.9	3.1*	0.0*	5.2*	3.2
Pregnancies per 1,000 females aged 15-44 years	63.3	40.5	26.4	307.8	73.0
Fertility per 1,000 females aged 15-44 years	56.0	21.4	35.8	295.9	64.0
Infant mortality per 1,000 live births	3.5*	s	s	0.0*	4.0

Percentage of low-risk births delivered by cesarean section	25.5%	s	s	s	26.8%

Motor vehicle-related mortality per 100,000 population, age-adjusted	10.5	21.6*	0.0*	0.0*	11.2
Unintentional injury mortality per 100,000 population, age-adjusted	44.6	21.6*	0.0*	0.0*	47.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	57.2	86.6	0.0*	29.7*	60.1
Fall hospitalizations per 10,000 population, aged 65 years or older	150.8	188.7*	0.0*	s	154.9
Poisoning hospitalizations per 10,000 population, age-adjusted	10.2	18.8*	s	s	11.0
Suicide mortality per 100,000 population, age-adjusted	17.6	0.0*	31.2*	0.0*	17.8
Opioid burden per 100,000 population	190.6	170.7*	s	260.9	208.0

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.1	s	0.0*	0.0*	2.1
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.6	s	0.0*	0.0*	4.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	50.1	105.0*	0.0*	0.0*	49.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	22.0	45.6	s	s	22.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	43%	39%	23%	28%	42%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	213.1	167.9*	0.0*	149.4*	212.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	83.0	99.9	s	99.2	85.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	23.9	0.0*	0.0*	0.0*	23.3
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	18.3	39.5*	s	s	19.1
Coronary heart disease mortality per 100,000 population, age-adjusted	147.5	83.9*	0.0*	149.4*	146.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	24.5	s	s	s	25.3
Congestive heart failure mortality per 100,000 population, age-adjusted	19.8	33.9*	0.0*	0.0*	19.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	45.2	63.3	s	34.0	45.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	27.1	71.2*	73.8*	0.0*	28.4
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	18.2	73.6	0.0*	17.4*	21.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	190.4	428.2	88.2	141.6	207.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.5	63.3	0.0*	s	9.7

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	71.7	s	0.0*	0.0*	71.5
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.6	s	0.0*	0.0*	15.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	36.1	0.0*	s	0.0*	36.0
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.1	0.0*	0.0*	0.0*	16.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	37.8	0.0*	s	s	37.8

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.1*	0.0*	0.0*	0.0*	4.9*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	43%	NA	NA	NA	42%

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
s	Data are suppressed. The data do not meet the criteria for confidentiality.
~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Cayuga County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	70,190	3,663	612	2,359	77,121
Percentage of population (2018)	91.0%	4.7%	0.8%	3.1%	100.0%
Percentage of population aged 65 years or older (2018)	20.3%	5.0%	12.6%	5.3%	19.1%
Median annual household income in US dollars (2017-2021)~	60,720	42,959	107,669	39,815	59,602
Percentage of families below poverty (2017-2021)~	8.7%	3.2%*	0.0%	27.2%*	8.9%
Percentage of children under age 18 below poverty (2017-2021)~	18.2%	25.6%	6.7%	19.5%	18.7%
Percentage unemployed among the civilian labor force (2017-2021)~	4.0%	10.5%*	8.4%*	9.6%*	4.5%
Percentage of population with no health insurance (2017-2021)~	4.1%	4.3%*	0.4%*	8.5%*	4.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	23.6%	3.0%*	31.9%	11.0%	22.2%
Percentage of population in single parent families (2017-2021)~	18.6%	58.4%	0.0%	36.2%	19.3%
Percentage of population with a disability (2017-2021)~	14.5%	18.7%	12.3%*	12.7%	14.6%
Percentage of population who speak English less than very well (2017-2021)~	0.5%	1.1%	39.2%	18.9%	0.5%
Percentage of high school students who dropped out (2021-2022)	8.4%	12.1%	s	26.1%	9.7%
Arrests per 1,000 population aged 18 years or older (2019-2021)	15.9	80.7	5.0	28.6	19.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	743.6	777.7	49.8*	280.5	736.9
Percentage of premature deaths (< 75 years)	42.9%	71.1%	0.0%*	70.0%*	43.7%
Years of potential life lost per 100,000 population, age-adjusted	6,953.2	9,234.5	0.0*	2,422.4	6,940.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	139.7	243.7	40.6*	108.3	142.5
Birth-Related Indicators					
Number of births per year (3 year average)	635	26	6	31	726
Percentage of births with early (1st trimester) prenatal care	77.0%	62.0%	s	58.9%	75.1%
Percentage of births with adequate prenatal care (APNCU)^	83.6%	73.3%	s	69.4%	82.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.6%	13.9%	s	5.6%*	8.8%
Percentage of low birthweight births (< 2.5 kg)	7.3%	10.1%*	s	3.3%*	7.2%
Teen pregnancies per 1,000 females aged under 18 years	2.6	11.4*	0.0*	4.6*	3.6
Pregnancies per 1,000 females aged 15-44 years	60.2	75.0	35.1	101.6	65.9
Fertility per 1,000 females aged 15-44 years	54.1	58.6	33.1	81.0	56.8
Infant mortality per 1,000 live births	4.7*	50.6*	s	0.0*	6.4

Indicator					
Percentage of low-risk births delivered by cesarean section	25.4%	s	s	20.0%*	25.4%

Injury-Related Indicators

Indicator					
Motor vehicle-related mortality per 100,000 population, age-adjusted	9.5	0.0*	0.0*	0.0*	8.6
Unintentional injury mortality per 100,000 population, age-adjusted	48.2	77.6*	0.0*	0.0*	47.4
Unintentional injury hospitalizations per 10,000 population, age-adjusted	65.5	65.2	46.9*	45.4	67.0
Fall hospitalizations per 10,000 population, aged 65 years or older	183.9	126.8*	s	s	185.0
Poisoning hospitalizations per 10,000 population, age-adjusted	15.4	18.8	0.0*	18.3	15.8
Suicide mortality per 100,000 population, age-adjusted	15.8	0.0*	0.0*	18.3*	14.6
Opioid burden per 100,000 population	175.2	100.1	0.0*	84.8*	169.4

Respiratory Disease Indicators

Indicator					
Asthma hospitalizations per 10,000 population, age-adjusted	1.9	13.4	0.0*	0.0*	2.4
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.7	s	0.0*	0.0*	4.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	43.2	76.1*	0.0*	0.0*	43.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	23.0	41.7	s	s	23.9
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	54%	31%	NA	38%	54%

Heart Disease and Stroke Indicators

Indicator					
Diseases of the heart mortality per 100,000 population, age-adjusted	183.9	205.7	0.0*	60.3*	183.5
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	79.5	74.6	s	44.4	80.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	32.1	19.7*	0.0*	23.5*	31.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	21.5	28.5	s	s	21.9
Coronary heart disease mortality per 100,000 population, age-adjusted	134.9	123.5*	0.0*	60.3*	134.4
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.1	17.4	s	s	23.5
Congestive heart failure mortality per 100,000 population, age-adjusted	16.6	27.2*	0.0*	0.0*	16.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	47.5	25.7	0.0*	s	45.3

Diabetes Indicators

Indicator					
Diabetes mortality per 100,000 population, age-adjusted	12.2	0.0*	0.0*	0.0*	11.7
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	20.8	63.9	s	18.0*	22.0
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	184.7	371.6	80.2	170.2	193.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	9.6	25.7	s	s	10.5

Cancer Indicators

Indicator					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	78.6	s	s	0.0*	77.2
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.4	s	0.0*	0.0*	12.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	32.6	s	0.0*	0.0*	32.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.4	0.0*	0.0*	20.0*	16.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	29.1	s	0.0*	0.0*	29.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	4.4*	0.0*	0.0*	0.0*	4.2*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.3*	0.0*	0.0*	0.0*	6.9*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	53%	36%	NA	NA	53%

Key

Symbol	Meaning
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~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Chautauqua County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	112,474	3,578	923	9,886	127,516
Percentage of population (2018)	88.2%	2.8%	0.7%	7.8%	100.0%
Percentage of population aged 65 years or older (2018)	21.9%	8.0%	10.0%	5.3%	20.1%
Median annual household income in US dollars (2017-2021)~	53,176	22,736	47,386	25,158	50,408
Percentage of families below poverty (2017-2021)~	9.4%	46.2%	5.6%*	31.1%	11.3%
Percentage of children under age 18 below poverty (2017-2021)~	20.0%	68.7%	12.2%	43.2%	24.3%
Percentage unemployed among the civilian labor force (2017-2021)~	5.2%	9.1%*	1.1%*	5.8%*	5.4%
Percentage of population with no health insurance (2017-2021)~	5.2%	7.5%*	3.9%*	4.5%	5.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	24.1%	5.1%*	56.6%	13.1%	23.3%
Percentage of population in single parent families (2017-2021)~	15.3%	63.7%	6.8%	37.2%	17.3%
Percentage of population with a disability (2017-2021)~	17.3%	18.8%	4.1%*	17.7%	17.2%
Percentage of population who speak English less than very well (2017-2021)~	1.1%	4.8%	26.3%	26.4%	1.2%
Percentage of high school students who dropped out (2021-2022)	6.8%	16.2%	0.0%	21.2%	9.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	27.3	177.2	7.2	70.6	34.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	798.4	1,117.6	110.2*	881.3	810.1
Percentage of premature deaths (< 75 years)	39.3%	62.8%	50.0%*	75.0%	41.0%
Years of potential life lost per 100,000 population, age-adjusted	7,504.7	11,490.2	207.8*	9,960.9	7,792.7
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	81.8	181.7	s	169.5	88.6
Birth-Related Indicators					
Number of births per year (3 year average)	1,031	14	12	197	1,296
Percentage of births with early (1st trimester) prenatal care	70.6%	65.9%	61.8%	64.5%	69.3%
Percentage of births with adequate prenatal care (APNCU)^	72.0%	75.7%	68.8%	66.7%	71.2%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.0%	14.6%*	0.0%*	10.7%	9.3%
Percentage of low birthweight births (< 2.5 kg)	7.9%	17.1%*	0.0%*	11.3%	8.4%
Teen pregnancies per 1,000 females aged under 18 years	4.2	4.3*	0.0*	7.2	5.2
Pregnancies per 1,000 females aged 15-44 years	59.4	27.5	42.8	96.3	65.0
Fertility per 1,000 females aged 15-44 years	54.6	19.8	45.4	89.5	58.4
Infant mortality per 1,000 live births	4.2	24.4*	0.0*	11.8*	5.4

Indicator					
Percentage of low-risk births delivered by cesarean section	31.6%	s	s	39.4%	32.9%

Injury-Related Indicators

Indicator					
Motor vehicle-related mortality per 100,000 population, age-adjusted	6.4	13.0*	0.0*	9.3*	6.6
Unintentional injury mortality per 100,000 population, age-adjusted	53.7	59.6*	0.0*	98.7	55.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	38.6	37.2	39.7*	32.6	41.4
Fall hospitalizations per 10,000 population, aged 65 years or older	115.3	93.6*	s	50.8*	120.8
Poisoning hospitalizations per 10,000 population, age-adjusted	9.5	17.9	0.0*	18.3	11.3
Suicide mortality per 100,000 population, age-adjusted	12.1	4.9*	0.0*	2.9*	11.3
Opioid burden per 100,000 population++	451.4	531.0	s	1,014.9	508.7

Respiratory Disease Indicators

Indicator					
Asthma hospitalizations per 10,000 population, age-adjusted	2.4	s	0.0*	9.3	2.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.7	s	0.0*	5.6*	4.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	43.8	13.0*	0.0*	57.4*	43.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.0	18.6	0.0*	26.3	13.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	52%	34%	47%	43%	51%

Heart Disease and Stroke Indicators

Indicator					
Diseases of the heart mortality per 100,000 population, age-adjusted	188.1	184.8	35.5*	212.3	190.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	39.4	73.3	s	58.8	43.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	30.9	12.5*	0.0*	19.7*	30.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	11.0	25.5	0.0*	19.5	12.1
Coronary heart disease mortality per 100,000 population, age-adjusted	129.7	166.5	35.5*	135.5	132.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	8.0	8.0*	0.0*	14.7	9.0
Congestive heart failure mortality per 100,000 population, age-adjusted	13.1	0.0*	0.0*	21.9*	13.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	29.4	39.2	s	26.4	30.7

Diabetes Indicators

Indicator					
Diabetes mortality per 100,000 population, age-adjusted	26.7	86.8*	0.0*	33.1*	28.2
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	12.2	27.8	0.0*	44.5	15.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	119.8	283.9	66.4	319.4	139.9
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.6	20.9	0.0*	33.3	9.0

Cancer Indicators

Indicator					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	71.1	s	s	92.6	71.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.3	s	0.0*	s	12.3
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	32.9	s	0.0*	s	32.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	12.3	s	0.0*	s	13.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	33.7	s	s	s	33.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	2.5*	0.0*	0.0*	0.0*	2.3*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.1	0.0*	0.0*	s	9.0
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	34%	NA	31%	46%

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
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++	The 2018 ED data for this county may be incomplete and subject to change.
~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Chemung County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	73,584	6,125	1,345	2,731	84,033
Percentage of population (2018)	87.6%	7.3%	1.6%	3.2%	100.0%
Percentage of population aged 65 years or older (2018)	20.5%	8.6%	11.9%	5.4%	19.0%
Median annual household income in US dollars (2017-2021)~	60,065	30,440	NA	40,913*	58,175
Percentage of families below poverty (2017-2021)~	8.7%	18.2%*	5.5%*	39.5%	10.3%
Percentage of children under age 18 below poverty (2017-2021)~	14.5%	31.9%	5.7%	53.2%	19.2%
Percentage unemployed among the civilian labor force (2017-2021)~	6.0%	6.1%*	0.0%	11.0%*	6.1%
Percentage of population with no health insurance (2017-2021)~	3.9%	12.1%	5.6%*	5.8%*	4.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	24.9%	10.4%	42.0%	20.9%	23.9%
Percentage of population in single parent families (2017-2021)~	17.7%	32.9%	0.3%	51.3%	19.5%
Percentage of population with a disability (2017-2021)~	16.0%	15.3%	5.8%*	14.7%	15.8%
Percentage of population who speak English less than very well (2017-2021)~	0.7%	0.0%	34.9%	3.0%	0.4%
Percentage of high school students who dropped out (2021-2022)	10.4%	17.6%	s	29.6%	11.7%
Arrests per 1,000 population aged 18 years or older (2019-2021)	24.4	99.7	8.0	44.6	29.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	890.8	966.0	340.6	473.2	884.8
Percentage of premature deaths (< 75 years)	41.5%	61.6%	50.0%*	68.2%	42.8%
Years of potential life lost per 100,000 population, age-adjusted	8,376.7	10,091.8	3,062.8	5,914.3	8,432.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	110.8	169.3	30.3*	114.9	138.3
Birth-Related Indicators					
Number of births per year (3 year average)	710	51	20	40	857
Percentage of births with early (1st trimester) prenatal care	81.2%	74.7%	73.3%	80.5%	80.4%
Percentage of births with adequate prenatal care (APNCU)^	87.8%	80.3%	88.2%	81.7%	86.9%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.8%	10.4%	13.3%*	15.8%	8.4%
Percentage of low birthweight births (< 2.5 kg)	7.1%	9.8%	11.7%*	18.3%	7.9%
Teen pregnancies per 1,000 females aged under 18 years	3.5	12.1	0.0*	7.6*	4.4
Pregnancies per 1,000 females aged 15-44 years	68.6	99.4	67.5	94.7	74.4
Fertility per 1,000 females aged 15-44 years	55.7	55.3	64.3	80.0	58.9
Infant mortality per 1,000 live births	4.7	6.5*	0.0*	16.7*	5.4

Percentage of low-risk births delivered by cesarean section	22.3%	32.1%	s	19.4%*	23.0%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	7.0	0.0*	0.0*	16.8*	6.6
Unintentional injury mortality per 100,000 population, age-adjusted	56.3	64.5	48.8*	26.1*	56.0
Unintentional injury hospitalizations per 10,000 population, age-adjusted	51.5	42.8	16.2*	43.7	62.0
Fall hospitalizations per 10,000 population, aged 65 years or older	169.4	70.0	s	s	201.7
Poisoning hospitalizations per 10,000 population, age-adjusted	13.6	16.2	s	20.7	17.4
Suicide mortality per 100,000 population, age-adjusted	16.6	4.2*	0.0*	0.0*	14.8
Opioid burden per 100,000 population	235.1	299.3	173.5*	329.5	307.0

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.2	10.3	0.0*	s	4.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.6	s	0.0*	s	5.0
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	46.1	32.3*	0.0*	23.5*	44.8
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	19.6	25.6	s	16.0*	24.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	41%	45%	25%	49%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	205.1	303.7	115.7*	56.2*	207.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	61.4	75.8	14.6*	63.9	77.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	35.1	40.3*	0.0*	20.2*	35.3
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.7	30.9	s	17.9*	23.1
Coronary heart disease mortality per 100,000 population, age-adjusted	143.7	227.4	69.8*	56.2*	145.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	18.4	26.5	s	24.9*	24.5
Congestive heart failure mortality per 100,000 population, age-adjusted	13.8	6.4*	0.0*	0.0*	13.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	37.3	29.3	s	11.3*	42.8

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	15.5	12.4*	23.0*	16.8*	15.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	14.8	35.3	0.0*	20.4	18.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	173.9	327.8	48.4	206.4	224.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.8	17.3	0.0*	11.3*	10.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	78.2	72.7	s	s	76.4
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.2	s	0.0*	s	10.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	27.8	s	s	s	28.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	19.0	s	0.0*	0.0*	18.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	50.5	s	s	0.0*	48.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	s	s	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	44%	45%	NA	49%

Key

Symbol	Meaning
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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Chenango County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	45,319	592	317	1,107	47,502
Percentage of population (2018)	95.4%	1.2%	0.7%	2.3%	100.0%
Percentage of population aged 65 years or older (2018)	20.8%	9.5%	13.9%	9.4%	20.4%
Median annual household income in US dollars (2017-2021)~	55,630	NA	50,735*	NA	55,690
Percentage of families below poverty (2017-2021)~	7.9%	0.0%	0.0%	7.9%*	7.7%
Percentage of children under age 18 below poverty (2017-2021)~	16.1%	43.6%	0.0%	6.1%	16.3%
Percentage unemployed among the civilian labor force (2017-2021)~	7.1%	9.9%*	0.0%	2.5%*	7.0%
Percentage of population with no health insurance (2017-2021)~	3.3%	12.6%*	6.2%*	2.1%*	3.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	18.1%	12.0%*	46.1%	17.8%	18.3%
Percentage of population in single parent families (2017-2021)~	14.6%	43.5%	3.6%	22.8%	15.1%
Percentage of population with a disability (2017-2021)~	18.8%	13.7%*	18.2%*	19.8%	18.6%
Percentage of population who speak English less than very well (2017-2021)~	0.4%	0.9%	31.0%	9.8%	0.3%
Percentage of high school students who dropped out (2021-2022)	5.4%	0.0%	0.0%	8.3%	5.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	20.0	83.5	5.3	29.5	20.8
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	894.5	366.0*	426.1*	677.8	882.9
Percentage of premature deaths (< 75 years)	40.8%	83.3%*	33.3%*	65.0%	41.2%
Years of potential life lost per 100,000 population, age-adjusted	8,656.3	4,274.5	477.2*	11,993.5	8,594.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	117.7	123.1	s	59.3	118.1
Birth-Related Indicators					
Number of births per year (3 year average)	432	2	3	13	455
Percentage of births with early (1st trimester) prenatal care	71.6%	s	s	s	71.0%
Percentage of births with adequate prenatal care (APNCU)^	81.9%	s	s	s	81.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.0%	s	s	s	8.2%
Percentage of low birthweight births (< 2.5 kg)	7.4%	s	s	s	7.6%
Teen pregnancies per 1,000 females aged under 18 years	4.8	6.8*	s	5.4*	4.9
Pregnancies per 1,000 females aged 15-44 years	69.6	37.7	44.4*	78.8	71.9
Fertility per 1,000 females aged 15-44 years	59.0	18.9*	44.4*	69.6	59.1
Infant mortality per 1,000 live births	10.0	s	s	0.0*	9.5

Percentage of low-risk births delivered by cesarean section	20.5%	s	s	s	21.0%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	10.6	0.0*	0.0*	53.1*	11.8
Unintentional injury mortality per 100,000 population, age-adjusted	47.1	0.0*	0.0*	53.1*	46.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	62.2	78.3	s	32.4	63.1
Fall hospitalizations per 10,000 population, aged 65 years or older	158.6	s	s	s	160.6
Poisoning hospitalizations per 10,000 population, age-adjusted	7.0	s	0.0*	s	7.0
Suicide mortality per 100,000 population, age-adjusted	14.9	0.0*	0.0*	31.8*	15.1
Opioid burden per 100,000 population	153.0	s	0.0*	s	154.4
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	1.9	s	0.0*	0.0*	2.0
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	s	0.0*	0.0*	2.0*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	61.9	0.0*	0.0*	0.0*	60.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	17.3	s	0.0*	s	17.2
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	47%	28%	NA	47%	47%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	239.4	41.5*	344.6*	111.7*	235.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	85.7	80.0*	0.0*	36.2	87.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	31.5	0.0*	0.0*	0.0*	30.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	20.8	s	0.0*	0.0*	20.6
Coronary heart disease mortality per 100,000 population, age-adjusted	187.5	41.5*	172.3*	71.6*	183.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	25.8	s	0.0*	21.7*	27.0
Congestive heart failure mortality per 100,000 population, age-adjusted	15.8	0.0*	0.0*	0.0*	15.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.1	s	0.0*	s	39.7
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	28.1	0.0*	0.0*	25.7*	28.1
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	19.1	41.2*	0.0*	s	19.8
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	199.2	208.8	s	138.3	201.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.7	s	0.0*	s	8.2
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	71.9	s	0.0*	s	71.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.2	0.0*	0.0*	0.0*	13.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	43.7	0.0*	0.0*	s	42.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	10.3	0.0*	0.0*	0.0*	10.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	45.8	s	0.0*	0.0*	45.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	6.0*	0.0*	0.0*	0.0*	5.9*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	11.2*	s	0.0*	0.0*	11.5
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	NA	NA	NA	47%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Clinton County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	73,190	3,503	1,243	2,401	80,675
Percentage of population (2018)	90.7%	4.3%	1.5%	3.0%	100.0%
Percentage of population aged 65 years or older (2018)	18.2%	3.8%	10.3%	5.1%	17.1%
Median annual household income in US dollars (2017-2021)~	62,719	51,852	61,033	50,521*	62,470
Percentage of families below poverty (2017-2021)~	7.8%	21.3%*	5.9%*	8.5%*	7.9%
Percentage of children under age 18 below poverty (2017-2021)~	15.7%	61.6%	2.7%	37.5%	16.9%
Percentage unemployed among the civilian labor force (2017-2021)~	3.9%	15.1%*	2.8%*	16.8%*	4.3%
Percentage of population with no health insurance (2017-2021)~	3.2%	2.9%*	1.8%*	2.2%*	3.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	26.2%	5.5%	52.7%	15.0%	25.4%
Percentage of population in single parent families (2017-2021)~	14.8%	23.6%	6.8%	1.9%	14.9%
Percentage of population with a disability (2017-2021)~	16.3%	10.9%*	6.7%*	16.4%	16.2%
Percentage of population who speak English less than very well (2017-2021)~	0.6%	2.1%	14.4%	14.8%	0.3%
Percentage of high school students who dropped out (2021-2022)	7.2%	17.4%	9.1%	10.0%	7.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	20.0	57.5	6.1	20.6	21.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	766.3	775.0	270.1*	511.9	758.6
Percentage of premature deaths (< 75 years)	43.3%	69.7%	57.1%*	52.9%*	43.8%
Years of potential life lost per 100,000 population, age-adjusted	6,391.5	7,919.4	2,623.4	2,834.1	6,305.9
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	150.7	124.5	44.6*	64.3	147.4
Birth-Related Indicators					
Number of births per year (3 year average)	646	9	7	19	693
Percentage of births with early (1st trimester) prenatal care	80.1%	s	s	57.4%	78.9%
Percentage of births with adequate prenatal care (APNCU)^	82.5%	s	s	63.0%	81.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.7%	s	s	6.7%*	8.7%
Percentage of low birthweight births (< 2.5 kg)	8.2%	s	s	8.9%*	8.1%
Teen pregnancies per 1,000 females aged under 18 years	2.6	0.0*	0.0*	0.0*	2.4
Pregnancies per 1,000 females aged 15-44 years	53.5	30.0	11.8	44.4	53.0
Fertility per 1,000 females aged 15-44 years	47.6	19.0	13.1	38.8	45.9
Infant mortality per 1,000 live births	6.2	s	s	0.0*	6.3

Percentage of low-risk births delivered by cesarean section	27.2%	s	s	s	27.9%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.1	5.9*	0.0*	0.0*	5.0
Unintentional injury mortality per 100,000 population, age-adjusted	35.4	64.2*	0.0*	0.0*	35.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	61.7	44.7	29.5*	33.1	61.5
Fall hospitalizations per 10,000 population, aged 65 years or older	250.9	s	156.3*	s	246.4
Poisoning hospitalizations per 10,000 population, age-adjusted	13.3	5.9*	0.0*	10.9*	12.8
Suicide mortality per 100,000 population, age-adjusted	13.4	5.3*	0.0*	0.0*	12.3
Opioid burden per 100,000 population	112.0	76.1*	0.0*	s	108.7

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.4	s	0.0*	0.0*	2.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	0.0*	0.0*	0.0*	s
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	47.8	0.0*	0.0*	0.0*	46.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	25.4	s	s	0.0*	24.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	48%	36%	48%	28%	47%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	166.6	194.2*	69.9*	94.1*	165.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	85.7	111.5	s	24.2	85.0
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	35.5	75.4*	51.5*	39.8*	36.1
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	13.6	41.9	s	s	13.9
Coronary heart disease mortality per 100,000 population, age-adjusted	107.9	121.9*	69.9*	94.1*	107.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	22.5	32.0	s	s	22.6
Congestive heart failure mortality per 100,000 population, age-adjusted	15.9	0.0*	0.0*	0.0*	15.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	54.2	14.8	s	s	50.1

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	20.7	9.8*	0.0*	57.6*	21.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	22.9	13.6	0.0*	24.4	22.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	217.8	311.1	69.2	140.3	218.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	12.4	9.5*	0.0*	17.0	12.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	102.7	s	s	s	102.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.1	s	0.0*	s	14.1
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	42.7	s	0.0*	s	41.7
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	13.5	0.0*	0.0*	0.0*	13.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	44.7	s	0.0*	0.0*	44.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	5.4*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	54%	22%	31%	NA	53%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Columbia County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	52,351	3,213	1,238	2,930	59,852
Percentage of population (2018)	87.5%	5.4%	2.1%	4.9%	100.0%
Percentage of population aged 65 years or older (2018)	25.9%	11.5%	10.7%	7.7%	23.9%
Median annual household income in US dollars (2017-2021)~	75,502	33,500	99,792*	53,828*	73,065
Percentage of families below poverty (2017-2021)~	6.5%	29.1%*	12.2%*	3.3%*	7.1%
Percentage of children under age 18 below poverty (2017-2021)~	13.2%	18.1%	15.9%	22.1%	13.9%
Percentage unemployed among the civilian labor force (2017-2021)~	5.7%	10.1%*	7.9%*	3.5%*	5.9%
Percentage of population with no health insurance (2017-2021)~	3.7%	9.3%*	3.8%*	8.4%	4.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	36.4%	16.7%	33.6%	18.9%	34.9%
Percentage of population in single parent families (2017-2021)~	12.1%	39.2%	2.9%	20.8%	13.4%
Percentage of population with a disability (2017-2021)~	15.3%	11.5%*	5.6%*	13.8%	14.8%
Percentage of population who speak English less than very well (2017-2021)~	0.8%	6.3%	32.3%	27.0%	1.3%
Percentage of high school students who dropped out (2021-2022)	7.2%	9.8%	0.0%	9.3%	7.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	15.6	90.5	8.6	45.1	20.3
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	676.9	835.1	270.3*	469.1	682.5
Percentage of premature deaths (< 75 years)	38.6%	59.5%	77.8%*	76.7%	40.0%
Years of potential life lost per 100,000 population, age-adjusted	6,212.8	10,074.6	3,358.0	5,503.7	6,440.6
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	107.5	228.8	24.4*	119.4	116.2
Birth-Related Indicators					
Number of births per year (3 year average)	356	20	18	53	472
Percentage of births with early (1st trimester) prenatal care	77.2%	59.6%	66.0%	65.0%	73.5%
Percentage of births with adequate prenatal care (APNCU)^	76.1%	68.6%	77.6%	73.9%	75.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.9%	13.3%*	3.6%*	3.8%*	9.0%
Percentage of low birthweight births (< 2.5 kg)	6.6%	10.0%*	14.5%*	4.4%*	6.9%
Teen pregnancies per 1,000 females aged under 18 years	2.3	4.0*	0.0*	5.4*	3.0
Pregnancies per 1,000 females aged 15-44 years	52.8	58.0	49.8	111.5	59.8
Fertility per 1,000 females aged 15-44 years	45.7	35.1	57.1	99.1	51.1
Infant mortality per 1,000 live births	3.7*	0.0*	0.0*	6.3*	3.5*

Indicator					
Percentage of low-risk births delivered by cesarean section	26.6%	s	s	30.6%	27.1%

Injury-Related Indicators

Indicator					
Motor vehicle-related mortality per 100,000 population, age-adjusted	9.5	15.7*	0.0*	0.0*	9.6
Unintentional injury mortality per 100,000 population, age-adjusted	38.8	15.7*	0.0*	25.6*	37.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	64.9	78.0	21.4*	45.1	69.2
Fall hospitalizations per 10,000 population, aged 65 years or older	178.5	90.1	s	132.7*	184.7
Poisoning hospitalizations per 10,000 population, age-adjusted	13.9	10.0*	0.0*	11.0*	14.4
Suicide mortality per 100,000 population, age-adjusted	14.5	10.3*	0.0*	35.0*	14.9
Opioid burden per 100,000 population	266.8	311.2	s	147.9	275.7

Respiratory Disease Indicators

Indicator					
Asthma hospitalizations per 10,000 population, age-adjusted	3.5	24.3	0.0*	s	5.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	2.9*	s	0.0*	0.0*	5.8
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	36.0	43.4*	0.0*	16.1*	35.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	23.3	81.4	0.0*	19.4	27.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	53%	40%	46%	46%	53%

Heart Disease and Stroke Indicators

Indicator					
Diseases of the heart mortality per 100,000 population, age-adjusted	163.4	184.2	79.0*	134.3*	163.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	66.3	65.3	24.6*	83.1	70.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	18.8	13.5*	25.8*	17.8*	19.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	14.3	18.0	s	13.0*	16.2
Coronary heart disease mortality per 100,000 population, age-adjusted	119.0	111.2	22.9*	118.2*	118.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.7	12.5	s	13.0*	18.5
Congestive heart failure mortality per 100,000 population, age-adjusted	10.6	11.5*	0.0*	0.0*	10.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	36.4	38.4	s	27.7	37.4

Diabetes Indicators

Indicator					
Diabetes mortality per 100,000 population, age-adjusted	20.9	71.2*	27.5*	0.0*	22.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.3	38.9	s	17.0	15.3
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	156.4	366.9	60.8	228.9	174.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.2	22.1	s	12.1*	5.6

Cancer Indicators

Indicator					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	73.0	75.2*	s	s	71.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.9	s	s	0.0*	14.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	35.8	s	0.0*	0.0*	33.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.5	0.0*	0.0*	30.0*	17.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	47.7	s	0.0*	s	45.9

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	8.1*	0.0*	0.0*	0.0*	7.2*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	43%	30%	14%	31%	43%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Cortland County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	44,604	1,069	583	1,325	47,721
Percentage of population (2018)	93.5%	2.2%	1.2%	2.8%	100.0%
Percentage of population aged 65 years or older (2018)	17.1%	5.7%	9.6%	5.0%	16.4%
Median annual household income in US dollars (2017-2021)~	63,339	27,442	53,555	40,795	62,163
Percentage of families below poverty (2017-2021)~	6.2%	9.9%*	14.0%*	44.3%*	6.7%
Percentage of children under age 18 below poverty (2017-2021)~	13.6%	0.0%	14.0%	30.6%	13.9%
Percentage unemployed among the civilian labor force (2017-2021)~	5.9%	6.6%*	12.4%*	2.2%*	5.9%
Percentage of population with no health insurance (2017-2021)~	3.7%	2.0%*	2.2%*	2.2%*	3.5%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	28.1%	7.4%*	47.1%*	25.9%*	28.1%
Percentage of population in single parent families (2017-2021)~	16.3%	98.0%	14.0%	31.6%	17.2%
Percentage of population with a disability (2017-2021)~	13.4%	8.0%*	2.8%*	10.3%*	13.1%
Percentage of population who speak English less than very well (2017-2021)~	1.0%	3.3%	24.7%	3.8%	0.5%
Percentage of high school students who dropped out (2021-2022)	6.1%	8.3%	s	33.3%	7.2%
Arrests per 1,000 population aged 18 years or older (2019-2021)	21.5	138.7	6.7	40.4	24.3
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	809.5	528.3*	291.0*	625.9	805.0
Percentage of premature deaths (< 75 years)	42.4%	57.1%*	50.0%*	92.3%	43.2%
Years of potential life lost per 100,000 population, age-adjusted	6,748.5	5,131.8	1,331.1	9,324.0	6,819.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	147.3	124.1	s	59.2*	146.0
Birth-Related Indicators					
Number of births per year (3 year average)	406	9	3	26	457
Percentage of births with early (1st trimester) prenatal care	80.1%	s	s	66.0%	80.2%
Percentage of births with adequate prenatal care (APNCU)^	84.3%	s	s	63.4%	83.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.9%	s	s	6.3%*	8.9%
Percentage of low birthweight births (< 2.5 kg)	7.4%	s	s	6.3%*	7.5%
Teen pregnancies per 1,000 females aged under 18 years	2.2	0.0*	s	0.0*	2.2
Pregnancies per 1,000 females aged 15-44 years	49.0	42.0	21.6	73.4	51.0
Fertility per 1,000 females aged 15-44 years	42.3	34.6	19.6	66.5	43.7
Infant mortality per 1,000 live births	3.3*	s	s	0.0*	3.6*

Percentage of low-risk births delivered by cesarean section	21.3%	s	s	s	21.7%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	7.5	0.0*	0.0*	38.2*	8.1
Unintentional injury mortality per 100,000 population, age-adjusted	45.9	0.0*	0.0*	110.7*	46.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	79.4	43.5	s	s	80.3
Fall hospitalizations per 10,000 population, aged 65 years or older	200.1	s	0.0*	s	198.6
Poisoning hospitalizations per 10,000 population, age-adjusted	17.7	s	s	s	17.8
Suicide mortality per 100,000 population, age-adjusted	6.6	0.0*	0.0*	0.0*	6.3
Opioid burden per 100,000 population	207.0	s	0.0*	s	203.3

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	4.9	s	0.0*	s	5.1
Asthma hospitalizations per 10,000 population, aged 0-17 years	6.3	s	0.0*	s	7.6
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	44.3	0.0*	0.0*	0.0*	43.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	23.2	35.9*	0.0*	s	23.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	31%	73%	NA	50%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	165.7	218.2*	0.0*	46.9*	165.3
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	91.5	73.4	0.0*	48.6*	92.3
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	26.7	0.0*	0.0*	51.2*	26.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	22.7	44.5*	s	s	23.2
Coronary heart disease mortality per 100,000 population, age-adjusted	115.8	127.8*	0.0*	0.0*	114.6
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	24.9	s	0.0*	s	25.6
Congestive heart failure mortality per 100,000 population, age-adjusted	10.1	40.4*	0.0*	0.0*	10.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.8	s	0.0*	s	38.9

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	18.9	0.0*	0.0*	0.0*	19.6
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	17.9	25.8*	0.0*	s	18.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	217.0	142.4	s	123.4	220.0
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.0	s	0.0*	s	8.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	84.8	0.0*	0.0*	s	82.5
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.2	0.0*	0.0*	s	14.3
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	45.6	0.0*	s	s	45.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	25.5	0.0*	0.0*	0.0*	24.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	51.5	0.0*	s	0.0*	50.5

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	12.1*	0.0*	0.0*	0.0*	11.4*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	55%	NA	NA	NA	55%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Delaware County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	41,348	900	448	1,800	44,624
Percentage of population (2018)	92.7%	2.0%	1.0%	4.0%	100.0%
Percentage of population aged 65 years or older (2018)	25.7%	14.2%	15.0%	9.3%	24.7%
Median annual household income in US dollars (2017-2021)~	53,686	NA	38,304*	42,153	52,757
Percentage of families below poverty (2017-2021)~	10.8%	44.0%*	10.4%*	26.6%*	11.6%
Percentage of children under age 18 below poverty (2017-2021)~	24.5%	21.3%	0.0%	33.0%	25.7%
Percentage unemployed among the civilian labor force (2017-2021)~	4.5%	0.6%*	0.0%	9.0%*	4.7%
Percentage of population with no health insurance (2017-2021)~	4.7%	6.6%*	7.3%*	10.5%	4.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	23.0%	27.2%	33.9%	17.5%	23.0%
Percentage of population in single parent families (2017-2021)~	13.3%	56.0%	33.3%	51.7%	15.1%
Percentage of population with a disability (2017-2021)~	18.7%	11.3%*	5.7%*	14.2%	18.3%
Percentage of population who speak English less than very well (2017-2021)~	0.7%	3.3%	18.4%	17.1%	0.8%
Percentage of high school students who dropped out (2021-2022)	5.1%	s	s	9.1%	5.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	17.1	61.0	11.2	30.3	18.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	763.5	400.3	485.5*	568.9	758.8
Percentage of premature deaths (< 75 years)	40.1%	50.0%*	66.7%*	41.7%	40.5%
Years of potential life lost per 100,000 population, age-adjusted	7,928.8	5,066.0	6,496.4	5,291.1	8,055.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	85.2	61.2	s	49.3	84.0
Birth-Related Indicators					
Number of births per year (3 year average)	333	7	7	19	372
Percentage of births with early (1st trimester) prenatal care	66.8%	s	s	59.3%	65.3%
Percentage of births with adequate prenatal care (APNCU)^	81.5%	s	s	75.5%	79.9%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.8%	s	s	8.9%*	8.7%
Percentage of low birthweight births (< 2.5 kg)	7.3%	s	s	5.4%*	7.2%
Teen pregnancies per 1,000 females aged under 18 years	3.5	0.0*	s	11.9*	4.1
Pregnancies per 1,000 females aged 15-44 years	63.4	73.7	35.6	70.7	65.6
Fertility per 1,000 females aged 15-44 years	53.6	36.8	50.9	47.4	53.5
Infant mortality per 1,000 live births	4.0*	s	s	17.5*	6.3*

Percentage of low-risk births delivered by cesarean section	21.3%	s	s	s	21.5%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	12.3	0.0*	0.0*	0.0*	11.5
Unintentional injury mortality per 100,000 population, age-adjusted	58.4	0.0*	0.0*	30.6*	55.3
Unintentional injury hospitalizations per 10,000 population, age-adjusted	55.5	s	s	36.1	57.6
Fall hospitalizations per 10,000 population, aged 65 years or older	159.3	s	s	138.9*	165.7
Poisoning hospitalizations per 10,000 population, age-adjusted	7.2	0.0*	0.0*	s	7.2
Suicide mortality per 100,000 population, age-adjusted	21.0	0.0*	0.0*	0.0*	19.9
Opioid burden per 100,000 population	162.0	s	0.0*	s	159.1

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.7	s	s	s	3.0
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	s	0.0*	s	3.6*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	43.7	0.0*	0.0*	24.2*	42.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	16.1	s	s	s	16.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	48%	31%	22%	44%	47%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	198.9	112.3*	51.9*	138.3*	195.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	75.5	104.0	s	32.8	78.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	31.7	56.9*	129.2*	24.2*	32.3
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.5	26.8*	34.9*	s	17.2
Coronary heart disease mortality per 100,000 population, age-adjusted	130.8	28.7*	51.9*	89.2*	128.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.4	33.5*	s	s	24.1
Congestive heart failure mortality per 100,000 population, age-adjusted	18.6	0.0*	0.0*	32.5*	18.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	30.7	s	0.0*	s	29.9

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	19.8	0.0*	0.0*	30.6*	20.7
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.0	s	0.0*	15.6*	13.3
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	167.3	188.6	41.4*	103.1	171.2
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	2.6	s	0.0*	s	3.0

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	59.3	s	s	0.0*	57.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.5	0.0*	s	0.0*	11.8
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	34.9	s	s	s	36.1
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	14.5	0.0*	0.0*	0.0*	13.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	44.2	0.0*	0.0*	0.0*	41.8

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	13.5*	0.0*	0.0*	0.0*	12.5*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	31%	38%	NA	46%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Dutchess County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	212,104	32,761	11,475	36,890	293,814
Percentage of population (2018)	72.2%	11.2%	3.9%	12.6%	100.0%
Percentage of population aged 65 years or older (2018)	20.8%	10.5%	14.8%	6.6%	17.6%
Median annual household income in US dollars (2017-2021)~	94,113	55,194	113,864	63,202	87,112
Percentage of families below poverty (2017-2021)~	4.0%	12.7%	6.3%	13.6%	5.8%
Percentage of children under age 18 below poverty (2017-2021)~	5.9%	24.2%	6.4%	18.3%	11.0%
Percentage unemployed among the civilian labor force (2017-2021)~	4.8%	7.3%	5.2%*	6.2%	5.2%
Percentage of population with no health insurance (2017-2021)~	3.1%	4.7%	6.9%	10.4%	4.4%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	40.9%	23.8%	61.4%	22.3%	37.7%
Percentage of population in single parent families (2017-2021)~	8.3%	29.8%	7.2%	20.6%	11.6%
Percentage of population with a disability (2017-2021)~	12.7%	15.5%	6.6%	9.8%	12.3%
Percentage of population who speak English less than very well (2017-2021)~	1.3%	1.5%	25.9%	21.4%	2.1%
Percentage of high school students who dropped out (2021-2022)	4.3%	16.0%	0.9%	12.0%	7.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	11.0	40.5	3.0	20.9	15.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	700.8	727.3	256.5	570.5	690.7
Percentage of premature deaths (< 75 years)	38.7%	57.8%	39.3%	53.3%	41.1%
Years of potential life lost per 100,000 population, age-adjusted	6,320.1	7,518.4	1,461.9	4,702.1	6,212.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	89.7	57.3	26.0	68.6	100.6
Birth-Related Indicators					
Number of births per year (3 year average)	1,565	306	97	536	2,601
Percentage of births with early (1st trimester) prenatal care	88.1%	77.2%	80.6%	78.2%	84.2%
Percentage of births with adequate prenatal care (APNCU)^	83.2%	72.6%	77.1%	73.8%	79.4%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.4%	12.2%	8.3%	9.2%	9.0%
Percentage of low birthweight births (< 2.5 kg)	6.4%	13.0%	7.9%	7.4%	7.3%
Teen pregnancies per 1,000 females aged under 18 years	1.6	6.4	0.5*	5.7	3.3
Pregnancies per 1,000 females aged 15-44 years	51.6	81.8	38.1	83.9	62.5
Fertility per 1,000 females aged 15-44 years	42.7	45.9	37.1	66.0	48.0
Infant mortality per 1,000 live births	3.6	8.7*	0.0*	4.4*	4.2

Percentage of low-risk births delivered by cesarean section	31.1%	38.7%	36.3%	31.9%	31.8%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	9.7	10.2	0.0*	6.6*	8.9
Unintentional injury mortality per 100,000 population, age-adjusted	56.8	43.4	11.6*	55.1	52.0
Unintentional injury hospitalizations per 10,000 population, age-adjusted	65.1	32.3	11.1	35.2	68.3
Fall hospitalizations per 10,000 population, aged 65 years or older	203.9	33.1	37.2	88.5	202.9
Poisoning hospitalizations per 10,000 population, age-adjusted	10.7	8.3	3.5	5.8	11.1
Suicide mortality per 100,000 population, age-adjusted	14.9	2.8*	2.7*	2.5*	11.9
Opioid burden per 100,000 population	419.1	307.3	52.3	166.3	382.4

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	4.9	4.3	s	7.6	7.8
Asthma hospitalizations per 10,000 population, aged 0-17 years	10.0	8.7	0.0*	14.9	17.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	32.7	29.4	2.1*	17.0	31.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	17.8	8.6	2.3*	14.7	20.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	52%	42%	55%	45%	52%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	172.6	191.9	64.2	124.8	170.7
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	61.9	25.2	15.7	41.2	70.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	21.3	27.4	19.0*	26.5	22.1
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	16.8	10.3	8.7	10.0	20.0
Coronary heart disease mortality per 100,000 population, age-adjusted	127.3	137.8	57.1	92.8	126.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.7	5.1	5.8	13.5	19.5
Congestive heart failure mortality per 100,000 population, age-adjusted	15.3	19.0	2.9*	6.4*	15.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	33.1	12.2	5.5	8.9	34.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	13.1	21.2	9.5*	13.6	13.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	10.4	12.2	2.6*	13.0	13.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	144.1	118.3	51.4	158.7	174.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.7	3.8	s	5.2	5.1

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	61.7	69.1	s	38.7	58.8
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.5	20.6	s	s	10.1
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	34.8	32.8	24.6*	32.7	34.3
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	21.2	33.7	s	s	21.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	40.3	50.0	34.6*	28.4	39.3

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	s	1.1*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	6.8	s	s	s	6.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	39%	34%	34%	44%

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Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Erie County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	699,654	125,737	35,673	53,013	919,941
Percentage of population (2018)	76.1%	13.7%	3.9%	5.8%	100.0%
Percentage of population aged 65 years or older (2018)	20.5%	11.7%	6.7%	6.3%	17.9%
Median annual household income in US dollars (2017-2021)~	69,994	37,011	48,734	35,031	62,578
Percentage of families below poverty (2017-2021)~	5.4%	21.9%	24.9%	31.5%	9.5%
Percentage of children under age 18 below poverty (2017-2021)~	9.2%	39.2%	39.4%	41.0%	19.9%
Percentage unemployed among the civilian labor force (2017-2021)~	4.2%	10.2%	4.6%	7.5%	5.1%
Percentage of population with no health insurance (2017-2021)~	2.6%	4.1%	3.6%	4.4%	2.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	38.5%	19.1%	49.6%	24.4%	35.9%
Percentage of population in single parent families (2017-2021)~	11.6%	42.1%	9.0%	43.2%	16.9%
Percentage of population with a disability (2017-2021)~	13.1%	16.9%	7.0%	14.7%	13.5%
Percentage of population who speak English less than very well (2017-2021)~	1.3%	3.3%	39.6%	18.0%	1.8%
Percentage of high school students who dropped out (2021-2022)	4.1%	11.7%	6.5%	14.0%	6.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	11.6	63.4	5.1	33.8	19.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	770.1	1,072.5	371.8	725.4	804.9
Percentage of premature deaths (< 75 years)	36.0%	61.4%	50.0%	68.6%	40.3%
Years of potential life lost per 100,000 population, age-adjusted	6,208.3	12,654.3	2,433.0	8,544.6	7,238.8
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	82.6	269.5	55.0	151.1	107.9
Birth-Related Indicators					
Number of births per year (3 year average)	5,851	1,869	623	780	9,639
Percentage of births with early (1st trimester) prenatal care	85.9%	72.1%	72.3%	77.9%	80.9%
Percentage of births with adequate prenatal care (APNCU)^	82.0%	69.9%	71.7%	74.9%	77.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.1%	13.6%	8.6%	13.4%	10.2%
Percentage of low birthweight births (< 2.5 kg)	7.0%	14.0%	7.7%	11.8%	8.8%
Teen pregnancies per 1,000 females aged under 18 years	1.4	12.2	1.0*	7.9	5.1
Pregnancies per 1,000 females aged 15-44 years	55.0	95.1	67.3	78.8	75.5
Fertility per 1,000 females aged 15-44 years	47.1	66.8	63.9	59.7	54.7
Infant mortality per 1,000 live births	4.7	11.2	0.5*	11.1	6.5

Percentage of low-risk births delivered by cesarean section	30.3%	30.7%	30.5%	22.9%	29.7%

Motor vehicle-related mortality per 100,000 population, age-adjusted	4.6	8.1	1.7*	6.2*	5.1
Unintentional injury mortality per 100,000 population, age-adjusted	41.6	58.3	5.7*	53.9	43.4
Unintentional injury hospitalizations per 10,000 population, age-adjusted	55.0	76.0	17.9	46.2	59.4
Fall hospitalizations per 10,000 population, aged 65 years or older	190.6	128.3	44.5	111.2	184.5
Poisoning hospitalizations per 10,000 population, age-adjusted	9.8	18.4	1.9	9.5	11.2
Suicide mortality per 100,000 population, age-adjusted	11.4	5.1	2.3*	7.4	10.1
Opioid burden per 100,000 population	225.7	196.4	10.3	267.9	230.3

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.8	14.9	5.3	13.8	5.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	6.0	27.6	10.1	23.5	12.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	36.6	32.9	4.8*	23.9	35.7
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.2	41.4	10.6	27.2	18.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	47%	30%	45%	36%	45%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	166.4	208.9	72.9	134.0	170.3
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	70.5	137.7	43.0	93.5	80.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	33.7	49.7	35.4	38.5	35.7
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	22.0	46.0	19.5	24.6	25.2
Coronary heart disease mortality per 100,000 population, age-adjusted	110.7	136.8	56.2	90.3	113.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	20.7	27.6	18.9	28.1	22.4
Congestive heart failure mortality per 100,000 population, age-adjusted	16.7	17.3	4.4*	9.1*	16.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	31.8	85.9	9.3	30.3	38.4

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	19.5	55.6	14.7*	38.9	24.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	12.5	47.6	6.3	28.8	17.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	142.4	406.5	117.4	297.9	182.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.6	26.9	3.0	12.6	8.7

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	68.4	74.9	28.8	46.4	68.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.5	17.3	s	9.0*	12.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	36.3	49.8	33.6	42.3	38.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	20.6	32.9	s	13.3*	22.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	41.3	54.2	17.3*	40.0	41.9

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	2.0	3.4*	0.0*	s	2.1
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.4	9.5	s	s	7.3
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	39%	27%	38%	44%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Essex County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	34,740	982	317	1,134	37,309
Percentage of population (2018)	93.1%	2.6%	0.8%	3.0%	100.0%
Percentage of population aged 65 years or older (2018)	24.7%	5.0%	11.7%	6.4%	23.4%
Median annual household income in US dollars (2017-2021)~	62,267	NA	NA	78,365	61,563
Percentage of families below poverty (2017-2021)~	5.8%	83.3%*	0.0%	0.0%	6.3%
Percentage of children under age 18 below poverty (2017-2021)~	10.7%	50.0%	100.0%	28.9%	12.3%
Percentage unemployed among the civilian labor force (2017-2021)~	5.2%	18.6%*	0.0%	15.4%*	5.4%
Percentage of population with no health insurance (2017-2021)~	4.0%	15.3%*	0.0%	11.3%*	4.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	32.1%	4.4%*	38.2%*	6.5%*	30.5%
Percentage of population in single parent families (2017-2021)~	17.8%	83.3%	0.0%	8.6%	18.2%
Percentage of population with a disability (2017-2021)~	16.7%	11.7%*	2.4%*	11.9%*	16.6%
Percentage of population who speak English less than very well (2017-2021)~	0.7%	1.5%	45.1%	21.4%	0.4%
Percentage of high school students who dropped out (2021-2022)	6.0%	s	NA	s	5.9%
Arrests per 1,000 population aged 18 years or older (2019-2021)	18.3	15.3	10.7	9.6	17.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	743.5	718.9*	213.5*	300.5*	728.0
Percentage of premature deaths (< 75 years)	38.1%	37.5%*	0.0%*	50.0%*	38.3%
Years of potential life lost per 100,000 population, age-adjusted	6,526.5	1,764.1	0.0*	2,398.6	6,132.2
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	71.9	s	0.0*	s	71.4
Birth-Related Indicators					
Number of births per year (3 year average)	280	1	4	10	299
Percentage of births with early (1st trimester) prenatal care	77.8%	s	s	s	77.1%
Percentage of births with adequate prenatal care (APNCU)^	81.8%	s	s	s	81.2%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.1%	s	s	s	8.9%
Percentage of low birthweight births (< 2.5 kg)	6.5%	s	s	s	7.3%
Teen pregnancies per 1,000 females aged under 18 years#	1.2*	s	s	0.0*	1.3*
Pregnancies per 1,000 females aged 15-44 years#	58.7	26.0*	34.5*	67.5	59.7
Fertility per 1,000 females aged 15-44 years	53.9	21.9*	48.9	64.9	54.4
Infant mortality per 1,000 live births	3.6*	s	s	s	3.3*

Percentage of low-risk births delivered by cesarean section	25.5%	s	s	s	24.5%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	5.1*	0.0*	0.0*	0.0*	4.6*
Unintentional injury mortality per 100,000 population, age-adjusted	35.1	0.0*	0.0*	0.0*	33.0
Unintentional injury hospitalizations per 10,000 population, age-adjusted	38.0	s	s	s	40.2
Fall hospitalizations per 10,000 population, aged 65 years or older	135.0	0.0*	s	s	141.0
Poisoning hospitalizations per 10,000 population, age-adjusted	5.2	0.0*	s	0.0*	6.2
Suicide mortality per 100,000 population, age-adjusted	7.8*	0.0*	0.0*	0.0*	6.9*
Opioid burden per 100,000 population	87.3	s	0.0*	s	90.2

Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	0.6*	0.0*	0.0*	0.0*	0.5*
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	0.0*	0.0*	0.0*	s
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	45.5	73.4*	0.0*	0.0*	44.8
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	9.9	0.0*	0.0*	0.0*	9.6
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	49%	52%	NA	25%	49%

Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	153.4	0.0*	0.0*	103.4*	149.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	45.0	43.7*	s	30.3*	46.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	27.7	0.0*	0.0*	0.0*	27.1
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	8.3	0.0*	0.0*	0.0*	8.6
Coronary heart disease mortality per 100,000 population, age-adjusted	103.3	0.0*	0.0*	51.7*	100.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	11.6	s	s	s	12.2
Congestive heart failure mortality per 100,000 population, age-adjusted	9.4	0.0*	0.0*	51.7*	9.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	27.7	s	0.0*	0.0*	26.9

Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	30.7	0.0*	0.0*	0.0*	30.4
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	8.7	s	0.0*	s	9.0
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	99.9	s	s	74.4	103.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.0	s	0.0*	0.0*	3.2

Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	67.0	s	0.0*	s	66.2
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	15.8	0.0*	0.0*	0.0*	15.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	41.4	s	0.0*	0.0*	40.0
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	14.1	0.0*	0.0*	0.0*	13.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	30.2	0.0*	0.0*	0.0*	29.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	NA	NA	NA	46%

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
#	Essex and Hamilton County data are combined for confidentiality.
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Franklin County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	41,468	2,958	261	1,825	50,325
Percentage of population (2018)	82.4%	5.9%	0.5%	3.6%	100.0%
Percentage of population aged 65 years or older (2018)	19.0%	1.6%	11.5%	4.1%	17.0%
Median annual household income in US dollars (2017-2021)~	57,649	68,705	108,750*	NA	55,279
Percentage of families below poverty (2017-2021)~	11.9%	0.0%	1.9%*	21.1%*	14.7%
Percentage of children under age 18 below poverty (2017-2021)~	25.5%	80.0%	0.0%	35.7%	27.1%
Percentage unemployed among the civilian labor force (2017-2021)~	5.1%	10.0%*	6.5%*	5.3%*	6.6%
Percentage of population with no health insurance (2017-2021)~	6.0%	12.1%*	0.4%*	4.3%*	6.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	23.0%	2.6%*	42.5%*	8.8%*	21.6%
Percentage of population in single parent families (2017-2021)~	15.4%	0.0%	0.0%	6.7%	18.3%
Percentage of population with a disability (2017-2021)~	15.0%	14.1%*	22.1%*	26.6%	15.9%
Percentage of population who speak English less than very well (2017-2021)~	0.6%	2.3%	24.6%	30.5%	0.3%
Percentage of high school students who dropped out (2021-2022)	4.2%	s	s	s	5.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	22.2	20.2	16.3	11.4	22.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	775.6	677.0*	0.0*	535.9*	750.2
Percentage of premature deaths (< 75 years)	44.3%	57.1%*	NA	28.6%*	45.2%
Years of potential life lost per 100,000 population, age-adjusted	7,020.4	1,273.6	0.0*	808.1	6,572.7
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	105.7	143.7	0.0*	s	111.0
Birth-Related Indicators					
Number of births per year (3 year average)	381	2	1	14	441
Percentage of births with early (1st trimester) prenatal care	74.1%	s	s	54.5%	72.4%
Percentage of births with adequate prenatal care (APNCU)^	77.5%	s	s	s	75.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.3%	s	s	s	8.5%
Percentage of low birthweight births (< 2.5 kg)	6.6%	s	s	2.6%*	6.7%
Teen pregnancies per 1,000 females aged under 18 years	3.7	s	s	0.0*	3.4
Pregnancies per 1,000 females aged 15-44 years	62.9	44.1*	16.4*	82.9	63.3
Fertility per 1,000 females aged 15-44 years	56.6	24.5*	16.4*	80.9	56.6
Infant mortality per 1,000 live births	4.4*	s	s	0.0*	4.5*

Percentage of low-risk births delivered by cesarean section	26.6%	s	s	s	28.7%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	8.2	0.0*	0.0*	0.0*	8.8
Unintentional injury mortality per 100,000 population, age-adjusted	33.7	0.0*	0.0*	0.0*	30.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	39.1	27.0*	s	20.7*	43.1
Fall hospitalizations per 10,000 population, aged 65 years or older	122.9	s	0.0*	0.0*	128.5
Poisoning hospitalizations per 10,000 population, age-adjusted	7.8	s	0.0*	s	8.3
Suicide mortality per 100,000 population, age-adjusted	12.0	0.0*	0.0*	0.0*	11.7
Opioid burden per 100,000 population	94.9	s	s	s	122.5

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.5	s	0.0*	0.0*	2.0
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	0.0*	0.0*	0.0*	3.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	48.7	0.0*	0.0*	106.8*	46.7
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	18.5	s	0.0*	s	18.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	47%	54%	NA	32%	46%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	158.1	72.8*	0.0*	106.8*	158.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	68.0	45.9	0.0*	25.5	71.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	24.2	0.0*	0.0*	0.0*	23.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	9.2	20.6*	0.0*	0.0*	10.6
Coronary heart disease mortality per 100,000 population, age-adjusted	99.5	9.9*	0.0*	0.0*	98.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	20.5	s	0.0*	s	21.5
Congestive heart failure mortality per 100,000 population, age-adjusted	18.9	0.0*	0.0*	0.0*	18.4
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	36.4	11.8	0.0*	s	34.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	25.6	0.0*	0.0*	0.0*	25.2
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	11.4	s	0.0*	s	13.3
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	154.0	195.9	s	51.2	171.0
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.0	s	0.0*	0.0*	6.7

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	92.1	s	0.0*	s	87.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	15.9	s	0.0*	s	17.1
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	47.4	0.0*	0.0*	s	45.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	15.6	0.0*	0.0*	0.0*	15.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	37.2	0.0*	0.0*	0.0*	39.9

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	6.7*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	56%	NA	NA	NA	54%

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
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~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Fulton County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	50,007	1,293	421	1,801	53,654
Percentage of population (2018)	93.2%	2.4%	0.8%	3.4%	100.0%
Percentage of population aged 65 years or older (2018)	20.4%	7.2%	13.1%	4.7%	19.5%
Median annual household income in US dollars (2017-2021)~	55,833	17,434*	103,750*	NA	55,240
Percentage of families below poverty (2017-2021)~	10.0%	48.5%*	0.0%	22.7%*	11.1%
Percentage of children under age 18 below poverty (2017-2021)~	20.9%	100.0%	0.0%	23.0%	20.7%
Percentage unemployed among the civilian labor force (2017-2021)~	4.9%	0.0%	11.9%*	6.4%*	5.1%
Percentage of population with no health insurance (2017-2021)~	4.0%	0.0%	0.0%	9.4%*	4.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	18.2%	19.5%*	65.4%	11.1%*	18.2%
Percentage of population in single parent families (2017-2021)~	16.6%	48.5%	0.0%	31.9%	18.2%
Percentage of population with a disability (2017-2021)~	16.8%	31.5%	6.8%*	11.9%	16.7%
Percentage of population who speak English less than very well (2017-2021)~	0.2%	1.5%	18.0%	7.0%	0.2%
Percentage of high school students who dropped out (2021-2022)	11.3%	13.3%	s	8.3%	11.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	18.2	81.9	7.0	33.1	20.0
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	852.4	907.9	684.3*	743.1	850.0
Percentage of premature deaths (< 75 years)	42.8%	62.5%	66.7%*	46.7%*	43.2%
Years of potential life lost per 100,000 population, age-adjusted	8,013.6	7,256.5	4,126.0	2,985.2	7,854.7
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	110.1	127.6	121.2*	46.0	111.9
Birth-Related Indicators					
Number of births per year (3 year average)	451	7	4	19	492
Percentage of births with early (1st trimester) prenatal care	80.4%	s	s	74.1%	79.3%
Percentage of births with adequate prenatal care (APNCU)^	84.9%	s	s	84.9%	84.2%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.0%	s	s	8.6%*	9.0%
Percentage of low birthweight births (< 2.5 kg)	8.8%	s	s	5.2%*	8.8%
Teen pregnancies per 1,000 females aged under 18 years	4.8	0.0*	s	2.5*	5.0
Pregnancies per 1,000 females aged 15-44 years	65.4	39.5	39.7	71.1	66.4
Fertility per 1,000 females aged 15-44 years	53.9	31.6	43.7	53.6	54.4
Infant mortality per 1,000 live births	5.2*	s	s	0.0*	4.7*

Percentage of low-risk births delivered by cesarean section	23.7%	s	s	s	24.5%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	10.6	26.9*	0.0*	0.0*	10.1
Unintentional injury mortality per 100,000 population, age-adjusted	38.5	75.8*	0.0*	0.0*	38.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	58.7	47.3	s	25.0*	62.9
Fall hospitalizations per 10,000 population, aged 65 years or older	167.6	s	s	s	175.3
Poisoning hospitalizations per 10,000 population, age-adjusted	10.9	s	s	12.3*	13.2
Suicide mortality per 100,000 population, age-adjusted	15.6	0.0*	0.0*	0.0*	16.0
Opioid burden per 100,000 population	207.3	464.0	s	s	213.7

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.7	s	0.0*	0.0*	1.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.4	0.0*	0.0*	0.0*	3.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	51.0	82.1*	0.0*	40.0*	50.8
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.4	21.6*	s	0.0*	13.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	46%	60%	NA	52%	46%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	191.8	93.1*	0.0*	25.3*	190.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	71.1	52.6	s	62.6	74.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	30.3	0.0*	0.0*	0.0*	29.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	20.4	s	s	s	22.1
Coronary heart disease mortality per 100,000 population, age-adjusted	110.2	93.1*	0.0*	25.3*	109.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.7	s	s	39.1	25.1
Congestive heart failure mortality per 100,000 population, age-adjusted	24.1	0.0*	0.0*	0.0*	24.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	39.8	30.8*	0.0*	s	40.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	23.4	26.9*	0.0*	0.0*	23.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	18.3	30.9	43.9*	s	20.6
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	182.9	219.1	215.2	145.2	196.0
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.5	20.6*	s	s	9.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	80.0	s	0.0*	s	79.5
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.6	s	0.0*	s	13.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	41.1	s	0.0*	s	41.1
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.7	0.0*	0.0*	0.0*	17.1
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	32.1	s	0.0*	0.0*	32.0

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	10.7*	0.0*	0.0*	s	11.5
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	40%	NA	NA	NA	39%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Genesee County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	52,473	1,938	470	1,988	57,509
Percentage of population (2018)	91.2%	3.4%	0.8%	3.5%	100.0%
Percentage of population aged 65 years or older (2018)	19.7%	7.6%	10.9%	4.4%	18.7%
Median annual household income in US dollars (2017-2021)~	65,794	36,384*	NA	52,333	63,734
Percentage of families below poverty (2017-2021)~	5.6%	3.3%*	36.8%	11.5%*	6.1%
Percentage of children under age 18 below poverty (2017-2021)~	8.4%	28.0%	12.3%	30.2%	11.1%
Percentage unemployed among the civilian labor force (2017-2021)~	4.6%	8.0%*	0.0%	13.7%*	4.9%
Percentage of population with no health insurance (2017-2021)~	2.7%	6.3%*	9.6%*	10.0%	3.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	22.4%	8.1%*	23.8%*	18.6%	22.0%
Percentage of population in single parent families (2017-2021)~	11.5%	35.8%	6.8%	24.4%	12.3%
Percentage of population with a disability (2017-2021)~	14.9%	22.4%	10.0%*	16.3%	15.4%
Percentage of population who speak English less than very well (2017-2021)~	0.2%	1.1%	41.9%	20.7%	0.4%
Percentage of high school students who dropped out (2021-2022)	3.5%	2.2%	0.0%	18.2%	4.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	17.9	142.4	5.6	37.0	22.3
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	822.5	1,266.4	0.0*	575.2	825.3
Percentage of premature deaths (< 75 years)	37.1%	57.1%	NA	68.8%	38.1%
Years of potential life lost per 100,000 population, age-adjusted	7,267.7	12,749.7	0.0*	5,719.7	7,550.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	103.0	216.7	s	108.6	110.3
Birth-Related Indicators					
Number of births per year (3 year average)	491	10	4	30	560
Percentage of births with early (1st trimester) prenatal care	84.2%	s	s	61.7%	82.1%
Percentage of births with adequate prenatal care (APNCU)^	81.8%	s	s	73.8%	81.2%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.8%	s	s	14.6%	9.3%
Percentage of low birthweight births (< 2.5 kg)	6.5%	s	s	8.9%*	6.8%
Teen pregnancies per 1,000 females aged under 18 years	1.6	0.0*	s	6.8*	2.1
Pregnancies per 1,000 females aged 15-44 years	61.5	36.3	25.9*	92.4	65.7
Fertility per 1,000 females aged 15-44 years	56.3	25.0	35.6	77.7	57.8
Infant mortality per 1,000 live births	5.4*	s	s	0.0*	6.5

Percentage of low-risk births delivered by cesarean section	27.7%	s	s	s	28.4%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	10.4	0.0*	0.0*	26.0*	11.5
Unintentional injury mortality per 100,000 population, age-adjusted	67.2	14.8*	0.0*	94.6*	69.6
Unintentional injury hospitalizations per 10,000 population, age-adjusted	70.7	77.9	s	52.6	74.5
Fall hospitalizations per 10,000 population, aged 65 years or older	180.5	s	s	s	185.3
Poisoning hospitalizations per 10,000 population, age-adjusted	10.9	19.9	0.0*	s	12.1
Suicide mortality per 100,000 population, age-adjusted	10.1	0.0*	0.0*	0.0*	9.9
Opioid burden per 100,000 population	235.7	378.4	0.0*	167.7	253.9

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.5	9.9*	0.0*	s	2.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.5	s	0.0*	s	4.8
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	45.7	68.9*	0.0*	0.0*	44.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	16.2	50.1	0.0*	24.0*	17.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	45%	36%	NA	25%	45%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	174.2	212.6*	0.0*	42.3*	172.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	81.6	73.8	s	28.6	84.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	24.0	157.5*	0.0*	42.3*	26.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.7	50.7	s	35.7	19.7
Coronary heart disease mortality per 100,000 population, age-adjusted	121.0	163.5*	0.0*	0.0*	118.8
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.0	12.8*	0.0*	16.5*	24.2
Congestive heart failure mortality per 100,000 population, age-adjusted	19.8	0.0*	0.0*	0.0*	18.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.7	32.8	s	s	41.8

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	35.3	81.7*	0.0*	25.0*	37.1
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	15.0	43.1	0.0*	21.6*	17.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	185.6	434.8	97.6	250.1	203.7
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.4	s	0.0*	s	6.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	72.9	0.0*	0.0*	s	71.5
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.3	0.0*	0.0*	0.0*	13.1
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	42.5	s	s	s	43.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.7	0.0*	0.0*	0.0*	16.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	34.4	0.0*	0.0*	s	34.6

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Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	0%	NA	NA	48%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Greene County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	40,791	2,954	571	2,917	47,401
Percentage of population (2018)	86.1%	6.2%	1.2%	6.2%	100.0%
Percentage of population aged 65 years or older (2018)	24.6%	6.6%	9.1%	7.0%	22.2%
Median annual household income in US dollars (2017-2021)~	63,420	24,570*	55,231	60,500	62,810
Percentage of families below poverty (2017-2021)~	6.0%	15.6%*	0.0%	20.2%*	6.9%
Percentage of children under age 18 below poverty (2017-2021)~	11.7%	65.2%	0.0%	9.5%	12.7%
Percentage unemployed among the civilian labor force (2017-2021)~	3.4%	0.0%	0.0%	1.5%*	3.7%
Percentage of population with no health insurance (2017-2021)~	3.4%	8.4%*	8.9%*	7.0%*	4.0%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	26.6%	3.7%*	49.9%	29.0%	25.6%
Percentage of population in single parent families (2017-2021)~	8.4%	20.8%	0.0%	26.7%	9.5%
Percentage of population with a disability (2017-2021)~	14.0%	11.2%*	13.2%*	9.5%*	13.4%
Percentage of population who speak English less than very well (2017-2021)~	1.7%	6.1%	15.1%	17.1%	1.1%
Percentage of high school students who dropped out (2021-2022)	5.0%	10.0%	0.0%	7.5%	5.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	26.1	63.2	17.6	43.0	29.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	745.7	808.8	611.7*	436.0	736.3
Percentage of premature deaths (< 75 years)	43.7%	73.3%	88.9%*	56.5%	44.9%
Years of potential life lost per 100,000 population, age-adjusted	8,289.6	8,565.4	6,633.1	3,948.4	7,851.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	127.9	195.6	95.5*	90.6	133.6
Birth-Related Indicators					
Number of births per year (3 year average)	334	12	6	33	398
Percentage of births with early (1st trimester) prenatal care	72.1%	64.7%	s	66.7%	71.2%
Percentage of births with adequate prenatal care (APNCU)^	75.6%	64.5%	s	78.0%	75.0%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.3%	8.6%*	s	14.4%	8.8%
Percentage of low birthweight births (< 2.5 kg)	6.1%	8.3%*	s	10.1%	6.5%
Teen pregnancies per 1,000 females aged under 18 years	1.9*	0.0*	s	0.0*	1.6*
Pregnancies per 1,000 females aged 15-44 years	61.6	56.1	51.5	76.9	64.7
Fertility per 1,000 females aged 15-44 years	54.0	41.2	51.5	67.5	55.9
Infant mortality per 1,000 live births	6.0*	0.0*	s	0.0*	5.0*

Percentage of low-risk births delivered by cesarean section	30.3%	s	s	s	29.6%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	9.8	0.0*	0.0*	0.0*	8.2
Unintentional injury mortality per 100,000 population, age-adjusted	54.8	0.0*	56.4*	45.3*	50.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	76.8	55.3	58.5*	67.5	81.2
Fall hospitalizations per 10,000 population, aged 65 years or older	184.4	s	s	180.6	196.0
Poisoning hospitalizations per 10,000 population, age-adjusted	15.7	31.8	s	9.3*	17.4
Suicide mortality per 100,000 population, age-adjusted	15.3	4.6*	0.0*	32.7*	16.3
Opioid burden per 100,000 population	389.8	112.8	s	160.0	374.1

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	4.6	s	0.0*	21.4	5.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	9.4	s	0.0*	0.0*	9.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	36.6	19.5*	54.9*	0.0*	35.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	25.0	20.7	s	28.8	26.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	43%	32%	71%	42%	43%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	194.5	242.8	0.0*	96.2*	192.3
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	78.8	91.7	s	50.6	83.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	20.7	53.0*	0.0*	28.2*	21.7
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	20.2	28.6	s	s	21.9
Coronary heart disease mortality per 100,000 population, age-adjusted	143.3	165.0*	0.0*	96.2*	141.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	19.2	16.7	s	15.6	21.6
Congestive heart failure mortality per 100,000 population, age-adjusted	16.9	39.0*	0.0*	0.0*	16.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	51.3	37.2	s	s	48.0

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	12.6	0.0*	0.0*	39.9*	13.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	18.1	38.7	s	11.4*	19.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	194.0	307.9	144.7	159.9	206.9
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.1	s	s	s	7.4

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	81.4	105.7*	0.0*	s	80.8
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	10.3	s	0.0*	0.0*	9.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	47.7	s	s	0.0*	45.0
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	31.0	0.0*	0.0*	s	29.5
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	28.5	0.0*	s	0.0*	28.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	36%	43%	NA	39%	36%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Hamilton County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	4,250	71	41	79	4,453
Percentage of population (2018)	95.4%	1.6%	0.9%	1.8%	100.0%
Percentage of population aged 65 years or older (2018)	32.2%	12.7%	19.5%	13.9%	31.5%
Median annual household income in US dollars (2017-2021)~	62,614	NA	NA	NA	62,841
Percentage of families below poverty (2017-2021)~	1.3%*	NA	NA	0.0%	1.2%*
Percentage of children under age 18 below poverty (2017-2021)~	6.7%	0.0%	0.0%	0.0%	5.8%
Percentage unemployed among the civilian labor force (2017-2021)~	2.9%*	0.0%	NA	0.0%	2.7%*
Percentage of population with no health insurance (2017-2021)~	5.1%	0.0%	0.0%	0.0%	4.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	19.4%	4.8%*	0.0%	3.0%*	20.5%
Percentage of population in single parent families (2017-2021)~	7.3%	0.0%	0.0%	0.0%	7.2%
Percentage of population with a disability (2017-2021)~	21.6%	15.4%*	100.0%*	25.8%*	21.1%
Percentage of population who speak English less than very well (2017-2021)~	0.3%	0.0%	0.0%	18.5%	0.2%
Percentage of high school students who dropped out (2021-2022)	s	s	NA	s	6.7%
Arrests per 1,000 population aged 18 years or older (2019-2021)	11.1	12.1	0.0	11.1	11.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	709.9	0.0*	0.0*	489.2*	693.9
Percentage of premature deaths (< 75 years)	38.5%	NA	NA	100.0%*	39.2%
Years of potential life lost per 100,000 population, age-adjusted	4,981.2	0.0*	0.0*	2,863.2	4,769.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	74.6	s	0.0*	0.0*	76.1
Birth-Related Indicators					
Number of births per year (3 year average)	23	0	0	0	24
Percentage of births with early (1st trimester) prenatal care	90.0%	s	NA	s	88.9%
Percentage of births with adequate prenatal care (APNCU)^	95.5%	s	NA	s	95.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	4.3%*	s	NA	s	4.2%*
Percentage of low birthweight births (< 2.5 kg)	4.3%*	s	NA	s	4.2%*
Teen pregnancies per 1,000 females aged under 18 years#	1.2*	s	s	0.0*	1.3*
Pregnancies per 1,000 females aged 15-44 years#	58.7	26.0*	34.5*	67.5	59.7
Fertility per 1,000 females aged 15-44 years	46.2	s	s	s	43.9
Infant mortality per 1,000 live births	0.0*	s	NA	s	0.0*

Percentage of low-risk births delivered by cesarean section	13.5%*	NA	NA	s	13.2%*

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	0.0*	0.0*	0.0*	0.0*	0.0*
Unintentional injury mortality per 100,000 population, age-adjusted	11.2*	0.0*	0.0*	0.0*	11.0*
Unintentional injury hospitalizations per 10,000 population, age-adjusted	49.7	s	s	0.0*	55.0
Fall hospitalizations per 10,000 population, aged 65 years or older	119.3	0.0*	0.0*	0.0*	123.7
Poisoning hospitalizations per 10,000 population, age-adjusted	7.4	0.0*	0.0*	0.0*	7.8
Suicide mortality per 100,000 population, age-adjusted	0.0*	0.0*	0.0*	0.0*	0.0*
Opioid burden per 100,000 population	172.5	0.0*	0.0*	0.0*	164.7

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	0.0*	0.0*	0.0*	0.0*	0.0*
Asthma hospitalizations per 10,000 population, aged 0-17 years	0.0*	0.0*	0.0*	0.0*	0.0*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	26.5*	0.0*	0.0*	0.0*	25.8*
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	8.9	0.0*	0.0*	0.0*	8.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	45%	NA	NA	NA	45%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	167.0	0.0*	0.0*	244.6*	165.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	53.9	0.0*	0.0*	s	55.4
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	25.3*	0.0*	0.0*	0.0*	24.6*
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	13.6	0.0*	0.0*	0.0*	14.9
Coronary heart disease mortality per 100,000 population, age-adjusted	85.9	0.0*	0.0*	244.6*	86.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	19.9	0.0*	0.0*	s	21.9
Congestive heart failure mortality per 100,000 population, age-adjusted	22.4*	0.0*	0.0*	0.0*	21.7*
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	45.9	0.0*	0.0*	0.0*	45.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	22.0*	0.0*	0.0*	0.0*	21.4*
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	9.9	0.0*	0.0*	0.0*	12.4
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	111.5	s	0.0*	s	115.9
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	12.6	0.0*	0.0*	0.0*	12.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	68.3	0.0*	0.0*	0.0*	66.5
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	57.8	0.0*	0.0*	0.0*	55.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	54%	NA	NA	NA	54%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
#	Essex and Hamilton County data are combined for confidentiality.
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Herkimer County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	58,746	1,036	413	1,402	61,760
Percentage of population (2018)	95.1%	1.7%	0.7%	2.3%	100.0%
Percentage of population aged 65 years or older (2018)	21.2%	7.8%	15.3%	5.5%	20.6%
Median annual household income in US dollars (2017-2021)~	61,437	20,359	NA	78,396	60,561
Percentage of families below poverty (2017-2021)~	7.4%	0.0%	51.2%*	33.1%*	8.1%
Percentage of children under age 18 below poverty (2017-2021)~	17.9%	31.9%	38.3%	36.6%	19.8%
Percentage unemployed among the civilian labor force (2017-2021)~	5.1%	10.7%*	6.7%*	12.1%*	5.4%
Percentage of population with no health insurance (2017-2021)~	4.7%	7.0%*	2.8%*	5.3%*	4.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	21.7%	2.6%*	38.6%*	10.5%*	21.4%
Percentage of population in single parent families (2017-2021)~	13.1%	74.1%	0.0%	36.9%	14.1%
Percentage of population with a disability (2017-2021)~	15.6%	14.3%	6.5%*	19.7%	15.4%
Percentage of population who speak English less than very well (2017-2021)~	0.9%	1.1%	48.7%	8.5%	0.5%
Percentage of high school students who dropped out (2021-2022)	7.4%	0.0%	0.0%	26.3%	7.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	15.9	102.3	19.7	35.8	17.5
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	747.3	1,628.9	288.6*	676.5	749.2
Percentage of premature deaths (< 75 years)	40.8%	74.1%	50.0%*	60.0%*	41.4%
Years of potential life lost per 100,000 population, age-adjusted	6,549.1	19,873.8	4,806.0	5,268.2	6,662.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	122.3	285.0	s	460.4	129.1
Birth-Related Indicators					
Number of births per year (3 year average)	579	4	2	17	610
Percentage of births with early (1st trimester) prenatal care	64.4%	s	s	47.8%	63.8%
Percentage of births with adequate prenatal care (APNCU)^	77.3%	s	s	64.3%	76.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.6%	s	s	6.7%*	7.5%
Percentage of low birthweight births (< 2.5 kg)	6.2%	s	s	10.9%*	6.4%
Teen pregnancies per 1,000 females aged under 18 years	3.2	4.2*	0.0*	9.8*	5.2
Pregnancies per 1,000 females aged 15-44 years	63.5	23.2	17.2*	74.2	69.6
Fertility per 1,000 females aged 15-44 years	59.5	17.8	24.1*	63.3	58.8
Infant mortality per 1,000 live births	4.0*	s	s	0.0*	4.4*

Percentage of low-risk births delivered by cesarean section	27.8%	s	s	s	27.9%

Motor vehicle-related mortality per 100,000 population, age-adjusted	9.8	0.0*	0.0*	0.0*	9.3
Unintentional injury mortality per 100,000 population, age-adjusted	31.2	0.0*	0.0*	28.0*	30.4
Unintentional injury hospitalizations per 10,000 population, age-adjusted	57.1	67.7	s	189.3	62.1
Fall hospitalizations per 10,000 population, aged 65 years or older	176.5	0.0*	s	735.9	188.9
Poisoning hospitalizations per 10,000 population, age-adjusted	8.8	s	s	s	9.5
Suicide mortality per 100,000 population, age-adjusted	11.8	32.7*	0.0*	0.0*	11.9
Opioid burden per 100,000 population	86.8	s	s	s	88.0

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.4	s	0.0*	s	2.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.7	s	0.0*	s	4.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	43.2	48.5*	0.0*	16.9*	43.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	22.9	51.3	s	35.9*	24.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	45%	22%	NA	59%	45%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	182.3	277.9*	80.8*	155.7*	181.7
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	76.6	133.6	0.0*	315.7	84.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	22.9	0.0*	0.0*	39.8*	22.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.3	s	s	32.1*	20.8
Coronary heart disease mortality per 100,000 population, age-adjusted	125.4	238.6*	80.8*	127.7*	124.9
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.1	30.5*	0.0*	95.1	26.8
Congestive heart failure mortality per 100,000 population, age-adjusted	9.8	0.0*	0.0*	0.0*	9.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.7	44.1*	0.0*	52.8	42.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	23.0	0.0*	57.4*	0.0*	22.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	16.1	33.9*	s	52.6	17.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	204.9	384.2	66.7*	704.9	219.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.2	0.0*	0.0*	s	4.3

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	68.2	s	s	s	67.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	16.9	0.0*	0.0*	0.0*	16.5
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.6	0.0*	0.0*	s	38.7
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.7	0.0*	0.0*	0.0*	17.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	27.5	0.0*	0.0*	0.0*	26.8

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	NA	NA	NA	49%

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Jefferson County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	92,568	7,887	2,266	8,910	112,266
Percentage of population (2018)	82.5%	7.0%	2.0%	7.9%	100.0%
Percentage of population aged 65 years or older (2018)	16.0%	1.9%	5.3%	1.4%	13.6%
Median annual household income in US dollars (2017-2021)~	59,837	55,408	72,024	48,387	58,271
Percentage of families below poverty (2017-2021)~	8.5%	10.5%*	16.8%*	8.6%	8.8%
Percentage of children under age 18 below poverty (2017-2021)~	14.5%	33.7%	26.0%	25.0%	17.9%
Percentage unemployed among the civilian labor force (2017-2021)~	6.1%	4.6%*	10.2%*	5.5%	6.0%
Percentage of population with no health insurance (2017-2021)~	5.1%	3.6%*	9.5%*	3.8%	4.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	24.4%	23.6%	49.3%	17.0%	24.3%
Percentage of population in single parent families (2017-2021)~	14.0%	20.7%	8.1%	20.8%	14.8%
Percentage of population with a disability (2017-2021)~	15.3%	11.6%	5.3%*	8.2%	14.4%
Percentage of population who speak English less than very well (2017-2021)~	0.9%	5.6%	26.8%	13.0%	0.5%
Percentage of high school students who dropped out (2021-2022)	7.1%	11.9%	8.3%	5.3%	7.4%
Arrests per 1,000 population aged 18 years or older (2019-2021)	20.5	48.8	5.1	18.0	22.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	832.0	512.2	310.4	568.9	813.4
Percentage of premature deaths (< 75 years)	43.1%	94.7%	80.0%*	85.3%	44.5%
Years of potential life lost per 100,000 population, age-adjusted	7,409.9	6,346.7	2,845.3	4,613.6	7,075.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	136.2	150.7	s	75.5	138.9
Birth-Related Indicators					
Number of births per year (3 year average)	1,338	146	55	215	1,818
Percentage of births with early (1st trimester) prenatal care	79.0%	69.9%	72.4%	73.0%	77.0%
Percentage of births with adequate prenatal care (APNCU)^	83.2%	80.4%	82.0%	76.8%	82.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.2%	13.2%	11.0%	8.8%	8.8%
Percentage of low birthweight births (< 2.5 kg)	6.8%	14.1%	9.1%	5.7%	7.3%
Teen pregnancies per 1,000 females aged under 18 years	3.8	2.8*	0.0*	2.7*	3.8
Pregnancies per 1,000 females aged 15-44 years	89.3	106.4	61.0	116.2	99.3
Fertility per 1,000 females aged 15-44 years	79.2	84.3	97.1	105.1	85.0
Infant mortality per 1,000 live births	4.5	15.9*	6.1*	9.3*	6.4

Percentage of low-risk births delivered by cesarean section	22.4%	27.6%	18.0%	21.7%	22.6%

<table>
<tr><td colspan="6">Injury-Related Indicators</td></tr>
<tr><td>Motor vehicle-related mortality per 100,000 population, age-adjusted</td><td>11.8</td><td>25.3*</td><td>0.0*</td><td>6.4*</td><td>11.2</td></tr>
<tr><td>Unintentional injury mortality per 100,000 population, age-adjusted</td><td>52.0</td><td>45.7*</td><td>19.0*</td><td>33.2*</td><td>49.1</td></tr>
<tr><td>Unintentional injury hospitalizations per 10,000 population, age-adjusted</td><td>63.6</td><td>59.9</td><td>18.9</td><td>37.1</td><td>63.7</td></tr>
<tr><td>Fall hospitalizations per 10,000 population, aged 65 years or older</td><td>159.6</td><td>s</td><td>0.0*</td><td>s</td><td>159.6</td></tr>
<tr><td>Poisoning hospitalizations per 10,000 population, age-adjusted</td><td>11.8</td><td>14.2</td><td>s</td><td>3.6</td><td>11.2</td></tr>
<tr><td>Suicide mortality per 100,000 population, age-adjusted</td><td>14.8</td><td>0.0*</td><td>8.0*</td><td>8.5*</td><td>13.8</td></tr>
<tr><td>Opioid burden per 100,000 population</td><td>210.7</td><td>93.0</td><td>s</td><td>33.7*</td><td>196.3</td></tr>
<tr><td colspan="6">Respiratory Disease Indicators</td></tr>
<tr><td>Asthma hospitalizations per 10,000 population, age-adjusted</td><td>3.7</td><td>7.6</td><td>0.0*</td><td>s</td><td>4.0</td></tr>
<tr><td>Asthma hospitalizations per 10,000 population, aged 0-17 years</td><td>5.9</td><td>s</td><td>0.0*</td><td>s</td><td>5.7</td></tr>
<tr><td>Chronic lower respiratory disease mortality per 100,000 population, age-adjusted</td><td>44.0</td><td>12.9*</td><td>0.0*</td><td>0.0*</td><td>42.9</td></tr>
<tr><td>Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted</td><td>20.8</td><td>13.3</td><td>0.0*</td><td>20.4</td><td>21.5</td></tr>
<tr><td>Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~</td><td>52%</td><td>28%</td><td>44%</td><td>27%</td><td>52%</td></tr>
<tr><td colspan="6">Heart Disease and Stroke Indicators</td></tr>
<tr><td>Diseases of the heart mortality per 100,000 population, age-adjusted</td><td>188.5</td><td>141.7*</td><td>29.7*</td><td>174.1*</td><td>185.7</td></tr>
<tr><td>Diseases of the heart hospitalizations per 10,000 population, age-adjusted</td><td>88.7</td><td>77.6</td><td>26.1*</td><td>39.9</td><td>90.2</td></tr>
<tr><td>Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted</td><td>41.4</td><td>44.3*</td><td>0.0*</td><td>0.0*</td><td>40.7</td></tr>
<tr><td>Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted</td><td>24.3</td><td>22.1</td><td>s</td><td>28.1</td><td>25.5</td></tr>
<tr><td>Coronary heart disease mortality per 100,000 population, age-adjusted</td><td>130.8</td><td>49.0*</td><td>29.7*</td><td>87.1*</td><td>128.1</td></tr>
<tr><td>Coronary heart disease hospitalizations per 10,000 population, age-adjusted</td><td>23.4</td><td>13.3</td><td>s</td><td>11.0*</td><td>23.9</td></tr>
<tr><td>Congestive heart failure mortality per 100,000 population, age-adjusted</td><td>13.7</td><td>0.0*</td><td>0.0*</td><td>13.2*</td><td>13.7</td></tr>
<tr><td>Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older</td><td>40.4</td><td>14.5</td><td>0.0*</td><td>4.0*</td><td>36.3</td></tr>
<tr><td colspan="6">Diabetes Indicators</td></tr>
<tr><td>Diabetes mortality per 100,000 population, age-adjusted</td><td>27.4</td><td>36.1*</td><td>0.0*</td><td>0.0*</td><td>26.6</td></tr>
<tr><td>Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted</td><td>18.9</td><td>38.3</td><td>0.0*</td><td>12.2</td><td>19.7</td></tr>
<tr><td>Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted</td><td>237.5</td><td>310.3</td><td>94.3</td><td>148.2</td><td>244.5</td></tr>
<tr><td>Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older</td><td>7.6</td><td>15.1</td><td>0.0*</td><td>s</td><td>7.8</td></tr>
<tr><td colspan="6">Cancer Indicators</td></tr>
<tr><td>Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)</td><td>86.7</td><td>s</td><td>s</td><td>s</td><td>85.3</td></tr>
<tr><td>Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)</td><td>13.8</td><td>0.0*</td><td>0.0*</td><td>0.0*</td><td>13.2</td></tr>
<tr><td>Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)</td><td>46.0</td><td>s</td><td>s</td><td>s</td><td>46.7</td></tr>
<tr><td>Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)</td><td>15.8</td><td>0.0*</td><td>0.0*</td><td>0.0*</td><td>15.0</td></tr>
<tr><td>Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)</td><td>40.3</td><td>s</td><td>0.0*</td><td>s</td><td>39.1</td></tr>
</table>

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.1	0.0*	0.0*	s	8.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	48%	55%	30%	37%	47%

Key

Symbol	Meaning
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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Kings County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	966,675	785,624	334,237	486,466	2,580,088
Percentage of population (2018)	37.5%	30.4%	13.0%	18.9%	100.0%
Percentage of population aged 65 years or older (2018)	15.4%	15.2%	11.6%	10.9%	14.0%
Median annual household income in US dollars (2017-2021)~	91,965	53,405	75,002	49,927	67,753
Percentage of families below poverty (2017-2021)~	10.8%	15.8%	16.1%	21.2%	14.9%
Percentage of children under age 18 below poverty (2017-2021)~	24.5%	26.7%	24.5%	30.8%	25.8%
Percentage unemployed among the civilian labor force (2017-2021)~	5.4%	8.7%	6.7%	8.1%	7.1%
Percentage of population with no health insurance (2017-2021)~	4.4%	6.5%	5.7%	11.3%	6.6%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	59.2%	25.2%	37.2%	21.9%	39.5%
Percentage of population in single parent families (2017-2021)~	7.6%	31.0%	7.8%	29.6%	18.8%
Percentage of population with a disability (2017-2021)~	9.6%	11.3%	6.6%	11.1%	9.9%
Percentage of population who speak English less than very well (2017-2021)~	19.4%	5.6%	52.0%	33.3%	11.2%
Percentage of high school students who dropped out (2021-2022)	6.4%	9.3%	4.9%	12.6%	9.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	6.7	35.6	6.2	24.3	19.0
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	590.8	763.8	424.0	695.0	668.0
Percentage of premature deaths (< 75 years)	33.3%	54.5%	44.0%	53.6%	45.8%
Years of potential life lost per 100,000 population, age-adjusted	4,120.4	8,166.1	2,790.4	6,195.8	5,838.2
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	77.6	186.5	37.9	125.8	129.2
Birth-Related Indicators					
Number of births per year (3 year average)	17,082	7,742	4,799	6,014	36,519
Percentage of births with early (1st trimester) prenatal care	79.3%	66.4%	83.6%	74.6%	76.2%
Percentage of births with adequate prenatal care (APNCU)^	74.9%	69.6%	82.1%	73.6%	74.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	5.7%	13.6%	8.2%	10.1%	8.5%
Percentage of low birthweight births (< 2.5 kg)	5.2%	12.8%	8.2%	8.2%	7.8%
Teen pregnancies per 1,000 females aged under 18 years	0.5	7.9	0.7	6.8	4.7
Pregnancies per 1,000 females aged 15-44 years	88.8	83.1	67.3	77.0	87.0
Fertility per 1,000 females aged 15-44 years	79.2	44.3	61.0	55.0	63.0
Infant mortality per 1,000 live births	1.8	6.8	1.2	3.3	3.4

Percentage of low-risk births delivered by cesarean section	21.2%	33.2%	27.0%	28.5%	25.9%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	2.9	3.8	2.3	3.9	3.5
Unintentional injury mortality per 100,000 population, age-adjusted	23.8	25.2	9.1	30.7	24.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	43.8	48.2	21.7	45.9	53.5
Fall hospitalizations per 10,000 population, aged 65 years or older	160.3	80.2	70.7	98.7	137.2
Poisoning hospitalizations per 10,000 population, age-adjusted	5.4	9.8	1.9	8.2	8.7
Suicide mortality per 100,000 population, age-adjusted	7.2	3.4	5.1	4.5	5.3
Opioid burden per 100,000 population	245.5	210.8	17.9	339.5	259.2

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.3	19.9	2.2	11.4	10.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.4	44.0	4.2	15.7	21.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	16.0	17.4	10.9	18.6	16.7
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	9.2	33.1	5.8	23.1	22.2
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	40%	27%	46%	34%	37%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	205.5	232.2	117.6	189.6	210.7
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	56.2	86.9	26.4	69.4	80.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	13.5	23.1	16.1	22.5	18.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	12.7	26.5	12.1	15.9	21.9
Coronary heart disease mortality per 100,000 population, age-adjusted	187.2	206.6	108.6	169.5	189.9
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.7	17.4	10.0	22.2	22.5
Congestive heart failure mortality per 100,000 population, age-adjusted	5.1	5.4	1.7	4.9	5.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	29.4	61.2	9.0	30.6	43.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	11.5	41.1	12.3	28.8	24.6
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	9.5	32.8	3.9	24.7	22.7
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	132.5	281.1	94.3	256.2	239.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	2.1	13.4	1.0	8.1	7.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	48.7	37.4	61.7	31.4	44.0
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.6	14.0	10.1	11.0	12.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	42.5	36.6	40.0	31.6	38.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	21.5	24.7	9.8	14.4	20.4
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	49.5	53.8	29.9	29.9	45.8

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.6	2.8	1.6*	3.5	2.3
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.9	9.8	9.8	10.3	9.5
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	36%	35%	27%	32%	35%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Lewis County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	25,575	246	143	468	26,503
Percentage of population (2018)	96.5%	0.9%	0.5%	1.8%	100.0%
Percentage of population aged 65 years or older (2018)	18.9%	7.7%	11.9%	3.0%	18.5%
Median annual household income in US dollars (2017-2021)~	59,827	NA	NA	NA	60,049
Percentage of families below poverty (2017-2021)~	8.9%	0.0%	0.0%	42.9%*	9.2%
Percentage of children under age 18 below poverty (2017-2021)~	16.4%	75.5%	0.0%	96.9%	18.8%
Percentage unemployed among the civilian labor force (2017-2021)~	4.9%	16.1%*	12.5%*	4.6%*	5.0%
Percentage of population with no health insurance (2017-2021)~	4.8%	4.4%*	0.0%	12.9%*	4.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	18.8%	6.9%*	33.0%*	21.1%*	18.8%
Percentage of population in single parent families (2017-2021)~	11.7%	0.0%	0.0%	42.9%	11.8%
Percentage of population with a disability (2017-2021)~	14.1%	5.8%*	18.5%*	24.0%	14.4%
Percentage of population who speak English less than very well (2017-2021)~	0.4%	0.0%	49.0%	14.5%	0.3%
Percentage of high school students who dropped out (2021-2022)	4.4%	s	s	16.7%	4.5%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.5	29.2	12.1	13.3	14.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	707.8	276.8*	258.5*	65.3*	707.8
Percentage of premature deaths (< 75 years)	38.2%	100.0%*	50.0%*	100.0%*	38.5%
Years of potential life lost per 100,000 population, age-adjusted	6,130.8	7,339.2	0.0	2,467.3	6,290.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	126.1	s	s	s	126.0
Birth-Related Indicators					
Number of births per year (3 year average)	290	1	2	6	303
Percentage of births with early (1st trimester) prenatal care	78.3%	s	s	s	77.6%
Percentage of births with adequate prenatal care (APNCU)^	81.7%	s	s	s	81.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.3%	s	s	s	7.0%
Percentage of low birthweight births (< 2.5 kg)	6.3%	s	s	s	6.1%
Teen pregnancies per 1,000 females aged under 18 years	1.9*	s	s	s	1.8*
Pregnancies per 1,000 females aged 15-44 years	75.1	22.2*	8.5*	84.4	76.8
Fertility per 1,000 females aged 15-44 years	68.8	16.7*	42.7*	75.9	68.7
Infant mortality per 1,000 live births	6.9*	s	s	s	7.7*

Percentage of low-risk births delivered by cesarean section	24.6%	s	s	s	24.4%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	7.5*	0.0*	0.0*	0.0*	7.3*
Unintentional injury mortality per 100,000 population, age-adjusted	40.7	107.5*	0.0*	0.0*	42.3
Unintentional injury hospitalizations per 10,000 population, age-adjusted	62.5	s	0.0*	s	63.4
Fall hospitalizations per 10,000 population, aged 65 years or older	183.6	0.0*	0.0*	s	187.3
Poisoning hospitalizations per 10,000 population, age-adjusted	9.0	0.0*	0.0*	s	9.0
Suicide mortality per 100,000 population, age-adjusted	23.5	0.0*	0.0*	0.0*	22.5
Opioid burden per 100,000 population	108.2	s	s	0.0*	114.5

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.0	0.0*	0.0*	s	3.1
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.6*	0.0*	0.0*	s	5.5
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	32.8	0.0*	258.5*	0.0*	33.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	20.6	s	0.0*	s	20.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	51%	NA	NA	NA	51%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	150.3	169.3*	0.0*	65.3*	151.5
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	76.7	s	0.0*	135.3*	81.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	33.1	0.0*	0.0*	0.0*	32.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.7	s	0.0*	s	16.3
Coronary heart disease mortality per 100,000 population, age-adjusted	103.4	169.3*	0.0*	0.0*	103.4
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.0	0.0*	0.0*	s	26.0
Congestive heart failure mortality per 100,000 population, age-adjusted	11.0	0.0*	0.0*	0.0*	10.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	38.8	s	0.0*	0.0*	38.3

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	20.1	0.0*	0.0*	0.0*	19.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	15.5	0.0*	0.0*	s	16.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	198.2	s	s	272.2*	203.9
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.9	0.0*	0.0*	0.0*	5.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	59.7	0.0*	0.0*	0.0*	58.7
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	24.0	0.0*	0.0*	0.0*	23.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	51.3	0.0*	0.0*	0.0*	50.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	21.1	0.0*	0.0*	0.0*	20.8
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	39.5	0.0*	0.0*	s	42.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	57%	NA	NA	NA	57%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Livingston County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	57,924	1,786	972	2,417	63,281
Percentage of population (2018)	91.5%	2.8%	1.5%	3.8%	100.0%
Percentage of population aged 65 years or older (2018)	19.0%	6.2%	6.8%	3.8%	17.9%
Median annual household income in US dollars (2017-2021)~	65,711	32,188*	NA	48,438	64,467
Percentage of families below poverty (2017-2021)~	5.6%	15.8%*	0.0%	22.5%*	6.1%
Percentage of children under age 18 below poverty (2017-2021)~	12.6%	34.4%	0.0%	42.3%	14.2%
Percentage unemployed among the civilian labor force (2017-2021)~	4.8%	3.6%*	0.0%	9.6%*	4.8%
Percentage of population with no health insurance (2017-2021)~	2.9%	4.7%*	0.0%	9.3%*	3.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	29.9%	7.2%*	78.7%	10.1%	28.9%
Percentage of population in single parent families (2017-2021)~	11.8%	36.7%	32.2%	14.0%	12.6%
Percentage of population with a disability (2017-2021)~	12.6%	24.1%	2.4%*	12.5%	12.8%
Percentage of population who speak English less than very well (2017-2021)~	1.5%	3.4%	39.5%	16.9%	0.7%
Percentage of high school students who dropped out (2021-2022)	4.4%	0.0%	0.0%	10.0%	4.4%
Arrests per 1,000 population aged 18 years or older (2019-2021)	15.8	59.8	4.5	31.3	17.5
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	716.5	696.3	67.6*	719.9	709.5
Percentage of premature deaths (< 75 years)	39.7%	47.6%	100.0%*	50.0%*	40.0%
Years of potential life lost per 100,000 population, age-adjusted	5,948.9	3,996.6	1,115.6	3,663.5	5,786.9
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	99.0	160.2	s	119.3	100.9
Birth-Related Indicators					
Number of births per year (3 year average)	468	5	5	31	519
Percentage of births with early (1st trimester) prenatal care	80.0%	s	s	67.5%	78.8%
Percentage of births with adequate prenatal care (APNCU)^	64.9%	s	s	51.4%	64.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.5%	s	s	6.2%*	7.8%
Percentage of low birthweight births (< 2.5 kg)	7.0%	s	s	7.3%*	7.2%
Teen pregnancies per 1,000 females aged under 18 years	0.7*	0.0*	0.0*	6.6*	1.1*
Pregnancies per 1,000 females aged 15-44 years	47.3	24.9	14.7	68.3	49.2
Fertility per 1,000 females aged 15-44 years	42.8	20.5	14.7	58.9	43.0
Infant mortality per 1,000 live births	4.3*	s	s	0.0*	4.5*

Percentage of low-risk births delivered by cesarean section	23.0%	s	s	s	23.2%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	9.5	0.0*	0.0*	0.0*	8.9
Unintentional injury mortality per 100,000 population, age-adjusted	54.0	0.0*	0.0*	0.0*	49.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	69.6	59.9	s	57.3	72.0
Fall hospitalizations per 10,000 population, aged 65 years or older	156.3	s	s	s	157.9
Poisoning hospitalizations per 10,000 population, age-adjusted	7.7	15.2*	0.0*	15.8	8.4
Suicide mortality per 100,000 population, age-adjusted	15.2	0.0*	0.0*	21.7*	14.5
Opioid burden per 100,000 population	157.1	112.0*	0.0*	151.7	155.9
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.4	s	0.0*	s	2.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.3	s	0.0*	0.0*	4.5
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	42.2	21.2*	0.0*	43.1*	41.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	17.5	28.3	0.0*	33.7	18.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	39%	NA	20%	50%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	147.2	154.6*	0.0*	319.6*	147.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	64.4	121.4	s	43.7	67.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	26.6	47.0*	0.0*	78.7*	26.7
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.4	18.3*	s	s	16.2
Coronary heart disease mortality per 100,000 population, age-adjusted	78.1	68.2*	0.0*	240.9*	78.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.7	24.4	s	s	18.0
Congestive heart failure mortality per 100,000 population, age-adjusted	26.2	0.0*	0.0*	78.7*	26.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	35.0	36.2	s	11.7*	34.7
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	18.1	21.2*	0.0*	15.2*	18.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	12.5	15.0*	0.0*	12.2	12.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	153.1	208.8	49.1*	219.1	159.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.4	0.0*	0.0*	15.5*	6.5
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	66.5	s	0.0*	s	65.7
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	15.3	0.0*	0.0*	s	15.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	35.5	0.0*	s	s	35.7
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	16.7	s	0.0*	0.0*	16.6
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	32.0	s	0.0*	0.0*	32.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	NA	NA	NA	49%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Madison County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	66,830	1,493	771	1,652	71,180
Percentage of population (2018)	93.9%	2.1%	1.1%	2.3%	100.0%
Percentage of population aged 65 years or older (2018)	19.0%	5.1%	8.2%	5.4%	18.3%
Median annual household income in US dollars (2017-2021)~	63,047	42,951	104,625	79,643	63,312
Percentage of families below poverty (2017-2021)~	6.9%	0.0%	0.0%	16.3%*	6.9%
Percentage of children under age 18 below poverty (2017-2021)~	9.9%	32.7%	0.0%	19.7%	10.5%
Percentage unemployed among the civilian labor force (2017-2021)~	4.3%	13.0%*	0.0%	0.7%*	4.2%
Percentage of population with no health insurance (2017-2021)~	3.9%	1.0%*	4.1%*	4.8%*	3.8%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	25.9%	15.3%*	83.2%	43.4%	26.2%
Percentage of population in single parent families (2017-2021)~	12.6%	0.0%	0.0%	23.3%	13.0%
Percentage of population with a disability (2017-2021)~	12.5%	16.6%*	1.5%*	6.2%*	12.5%
Percentage of population who speak English less than very well (2017-2021)~	1.1%	5.0%	24.3%	7.8%	0.3%
Percentage of high school students who dropped out (2021-2022)	5.5%	16.7%	s	20.0%	6.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	16.5	81.3	9.3	27.4	18.3
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	684.1	634.8	218.9*	220.7*	679.7
Percentage of premature deaths (< 75 years)	39.6%	78.6%	75.0%*	66.7%*	40.2%
Years of potential life lost per 100,000 population, age-adjusted	5,361.8	8,021.7	2,841.7	2,740.0	5,351.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	89.6	131.4	s	80.9	91.6
Birth-Related Indicators					
Number of births per year (3 year average)	555	3	5	30	609
Percentage of births with early (1st trimester) prenatal care	83.4%	s	s	68.8%	82.5%
Percentage of births with adequate prenatal care (APNCU)^	87.2%	s	s	75.6%	86.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.9%	s	s	2.1%*	9.7%
Percentage of low birthweight births (< 2.5 kg)	7.6%	s	s	0.0%*	7.4%
Teen pregnancies per 1,000 females aged under 18 years	1.5	0.0*	0.0*	0.0*	2.6
Pregnancies per 1,000 females aged 15-44 years	48.1	10.1	18.4	62.0	51.8
Fertility per 1,000 females aged 15-44 years	45.8	6.7	21.3	61.3	45.2
Infant mortality per 1,000 live births	3.0*	s	s	0.0*	3.3*

Indicator					
Percentage of low-risk births delivered by cesarean section	23.4%	s	s	s	23.9%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	10.1	0.0*	0.0*	0.0*	9.2
Unintentional injury mortality per 100,000 population, age-adjusted	45.0	0.0*	0.0*	29.1*	43.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	49.1	61.9	s	24.4*	49.9
Fall hospitalizations per 10,000 population, aged 65 years or older	146.7	s	s	s	147.9
Poisoning hospitalizations per 10,000 population, age-adjusted	8.1	s	s	s	8.3
Suicide mortality per 100,000 population, age-adjusted	10.9	0.0*	0.0*	19.4*	11.1
Opioid burden per 100,000 population	128.7	s	0.0*	s	129.2
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.0	s	s	s	2.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.7	s	s	0.0*	4.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	45.1	0.0*	0.0*	0.0*	44.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.4	53.6	s	s	14.2
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	46%	60%	47%	49%	46%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	135.3	356.2*	0.0*	40.8*	136.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	60.1	66.5	s	51.7	63.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.2	93.7*	53.7*	0.0*	29.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	16.3	s	0.0*	s	16.9
Coronary heart disease mortality per 100,000 population, age-adjusted	86.8	130.0*	0.0*	40.8*	87.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.3	s	0.0*	27.0*	18.1
Congestive heart failure mortality per 100,000 population, age-adjusted	9.1	57.4*	0.0*	0.0*	9.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	31.1	s	s	s	31.0
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	16.9	0.0*	51.7*	0.0*	16.7
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	15.5	s	0.0*	s	15.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	145.2	291.5	114.5	129.7	152.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.3	s	0.0*	0.0*	6.4
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	65.3	0.0*	0.0*	0.0*	63.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.1	0.0*	0.0*	0.0*	11.8
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.1	0.0*	0.0*	s	37.4
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	12.6	0.0*	s	0.0*	13.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	37.4	0.0*	0.0*	s	39.9

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	NA	NA	NA	50%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Monroe County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	530,385	114,548	28,910	68,379	744,239
Percentage of population (2018)	71.3%	15.4%	3.9%	9.2%	100.0%
Percentage of population aged 65 years or older (2018)	20.7%	10.1%	9.1%	6.6%	17.3%
Median annual household income in US dollars (2017-2021)~	75,666	36,168	64,700	39,124	66,317
Percentage of families below poverty (2017-2021)~	4.2%	27.3%	11.4%	25.4%	9.3%
Percentage of children under age 18 below poverty (2017-2021)~	7.6%	46.0%	18.2%	35.0%	20.2%
Percentage unemployed among the civilian labor force (2017-2021)~	3.9%	10.6%	3.6%	10.5%	5.3%
Percentage of population with no health insurance (2017-2021)~	2.4%	4.6%	4.6%	5.3%	3.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	45.5%	16.0%	52.7%	18.5%	40.0%
Percentage of population in single parent families (2017-2021)~	11.3%	47.3%	14.1%	41.3%	18.6%
Percentage of population with a disability (2017-2021)~	13.1%	17.8%	9.2%	16.9%	14.0%
Percentage of population who speak English less than very well (2017-2021)~	1.8%	4.2%	35.8%	23.7%	2.4%
Percentage of high school students who dropped out (2021-2022)	3.5%	14.7%	5.4%	15.7%	8.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	8.4	64.7	5.3	28.8	17.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	682.0	1,014.2	358.0	699.1	726.6
Percentage of premature deaths (< 75 years)	33.6%	64.9%	51.6%	62.3%	39.2%
Years of potential life lost per 100,000 population, age-adjusted	5,438.2	12,444.8	2,665.7	7,163.5	6,760.9
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	92.9	309.5	52.1	215.2	130.4
Birth-Related Indicators					
Number of births per year (3 year average)	4,372	1,667	368	1,013	7,734
Percentage of births with early (1st trimester) prenatal care	88.0%	66.8%	75.9%	72.4%	80.0%
Percentage of births with adequate prenatal care (APNCU)^	72.6%	67.3%	70.9%	70.6%	70.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.9%	14.0%	7.7%	12.6%	10.0%
Percentage of low birthweight births (< 2.5 kg)	6.1%	15.3%	6.2%	11.9%	9.1%
Teen pregnancies per 1,000 females aged under 18 years	1.1	9.1	1.6*	8.1	4.3
Pregnancies per 1,000 females aged 15-44 years	52.7	96.9	54.4	77.5	69.9
Fertility per 1,000 females aged 15-44 years	45.7	62.5	49.5	60.9	52.7
Infant mortality per 1,000 live births	3.8	15.2	2.7*	6.6	7.0

Percentage of low-risk births delivered by cesarean section	25.2%	23.8%	28.2%	26.0%	25.4%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.3	7.9	1.3*	8.2	6.1
Unintentional injury mortality per 100,000 population, age-adjusted	55.7	69.3	10.5*	72.2	58.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	69.7	108.5	26.9	85.9	81.3
Fall hospitalizations per 10,000 population, aged 65 years or older	199.6	112.7	54.3	135.7	196.7
Poisoning hospitalizations per 10,000 population, age-adjusted	10.1	17.8	3.4	16.3	12.1
Suicide mortality per 100,000 population, age-adjusted	11.1	7.4	10.4	10.1	10.7
Opioid burden per 100,000 population	243.1	273.5	25.4	476.3	270.0

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.6	20.8	3.4	20.4	7.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.1	33.6	6.2	27.9	15.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	25.3	23.8	4.2*	16.1	24.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.1	50.6	6.2	36.8	21.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	52%	36%	51%	38%	49%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	123.9	193.7	57.8	107.0	132.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	65.8	140.6	37.3	104.5	79.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	27.3	42.0	32.2	43.8	29.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	16.5	39.4	14.6	29.4	21.2
Coronary heart disease mortality per 100,000 population, age-adjusted	80.4	126.4	36.5	68.7	85.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	16.0	22.4	9.2	24.4	18.4
Congestive heart failure mortality per 100,000 population, age-adjusted	18.8	26.9	13.3*	11.5	19.5
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	41.8	91.5	14.3	42.8	49.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	11.8	44.9	18.9	23.7	16.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	12.7	55.0	4.9	41.4	21.4
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	157.1	489.4	116.7	431.7	220.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.5	26.2	1.7	20.1	10.0

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	62.4	77.2	34.3	52.7	62.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.4	15.3	10.9*	8.6	12.1
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	35.5	46.9	36.1	25.8	36.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.8	22.9	s	21.0	18.5
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	40.7	48.3	26.3	39.9	41.3

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.5	5.0*	s	s	2.4
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	4.3	6.4	s	7.9*	5.3
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	35%	40%	36%	45%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Montgomery County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	40,273	1,272	449	7,370	49,502
Percentage of population (2018)	81.4%	2.6%	0.9%	14.9%	100.0%
Percentage of population aged 65 years or older (2018)	21.1%	6.3%	14.3%	6.9%	18.6%
Median annual household income in US dollars (2017-2021)~	56,963	30,667	37,031	35,773	53,533
Percentage of families below poverty (2017-2021)~	9.2%	39.6%*	35.4%*	33.2%	13.3%
Percentage of children under age 18 below poverty (2017-2021)~	19.9%	49.1%	75.8%	39.9%	26.0%
Percentage unemployed among the civilian labor force (2017-2021)~	5.5%	6.7%*	1.7%*	12.2%	6.4%
Percentage of population with no health insurance (2017-2021)~	6.6%	3.9%*	12.3%*	3.7%	6.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	20.2%	7.7%*	41.4%*	11.3%	19.2%
Percentage of population in single parent families (2017-2021)~	13.8%	35.4%	52.5%	44.6%	18.3%
Percentage of population with a disability (2017-2021)~	16.2%	11.8%	11.6%*	13.9%	15.8%
Percentage of population who speak English less than very well (2017-2021)~	1.5%	1.1%	33.5%	18.2%	1.9%
Percentage of high school students who dropped out (2021-2022)	5.9%	6.3%	s	15.7%	8.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	21.5	139.5	19.2	49.7	27.8
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	847.1	811.3	932.4	747.1	842.3
Percentage of premature deaths (< 75 years)	37.7%	75.0%	40.0%*	66.0%	39.9%
Years of potential life lost per 100,000 population, age-adjusted	7,927.2	8,536.2	5,407.0	7,339.8	7,765.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	146.4	219.9	67.5*	151.0	151.0
Birth-Related Indicators					
Number of births per year (3 year average)	441	12	5	125	598
Percentage of births with early (1st trimester) prenatal care	63.2%	66.7%	s	65.2%	64.0%
Percentage of births with adequate prenatal care (APNCU)^	69.4%	48.4%	s	69.9%	69.3%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.5%	11.1%*	s	10.4%	9.0%
Percentage of low birthweight births (< 2.5 kg)	7.0%	13.9%*	s	10.2%	8.0%
Teen pregnancies per 1,000 females aged under 18 years	2.8	8.3*	s	10.2	5.0
Pregnancies per 1,000 females aged 15-44 years	80.7	74.1	39.4	92.0	85.3
Fertility per 1,000 females aged 15-44 years	65.9	43.0	42.4	74.3	68.2
Infant mortality per 1,000 live births	6.8*	27.8*	s	2.7*	6.7

Percentage of low-risk births delivered by cesarean section	24.0%	s	s	21.9%	24.2%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	15.4	19.9*	0.0*	0.0*	13.0
Unintentional injury mortality per 100,000 population, age-adjusted	45.0	51.1*	0.0*	38.4*	44.3
Unintentional injury hospitalizations per 10,000 population, age-adjusted	75.0	48.9	s	52.2	81.8
Fall hospitalizations per 10,000 population, aged 65 years or older	230.8	0.0*	0.0*	125.2	252.9
Poisoning hospitalizations per 10,000 population, age-adjusted	10.6	s	0.0*	7.1	12.1
Suicide mortality per 100,000 population, age-adjusted	16.5	0.0*	0.0*	0.0*	13.5
Opioid burden per 100,000 population	221.8	157.2*	s	217.1	247.1

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.2	s	0.0*	7.2	3.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	s	0.0*	7.5*	4.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	36.0	26.4*	249.1*	32.8*	37.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	17.4	s	s	18.6	19.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	45%	28%	44%	38%	44%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	196.7	52.9*	208.0*	147.7	193.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	97.1	97.2	42.3*	88.8	104.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.5	0.0*	0.0*	29.4*	28.5
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	24.5	s	s	25.0	27.0
Coronary heart disease mortality per 100,000 population, age-adjusted	103.2	26.4*	0.0*	60.0*	99.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	31.0	s	35.8*	29.0	33.6
Congestive heart failure mortality per 100,000 population, age-adjusted	28.6	0.0*	208.0*	38.4*	29.8
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	61.0	38.8	s	36.2	62.0

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	20.5	0.0*	249.1*	42.3*	21.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	20.8	26.8*	s	29.3	24.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	210.6	226.9	53.6	304.9	240.7
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.9	s	0.0*	11.4	7.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	93.3	s	s	45.3*	89.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.2	0.0*	0.0*	s	11.6
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	46.8	s	s	s	45.8
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	22.7	0.0*	0.0*	s	22.6
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	50.6	0.0*	s	s	53.2

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	41%	29%	23%	8%	39%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Nassau County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	815,851	162,349	145,971	231,042	1,357,423
Percentage of population (2018)	60.1%	12.0%	10.8%	17.0%	100.0%
Percentage of population aged 65 years or older (2018)	22.5%	13.2%	12.3%	8.0%	17.8%
Median annual household income in US dollars (2017-2021)~	132,464	107,795	151,093	103,873	126,576
Percentage of families below poverty (2017-2021)~	2.3%	5.3%	3.8%	8.0%	3.6%
Percentage of children under age 18 below poverty (2017-2021)~	2.7%	8.8%	5.0%	12.8%	6.2%
Percentage unemployed among the civilian labor force (2017-2021)~	4.2%	6.6%	4.0%	4.4%	4.5%
Percentage of population with no health insurance (2017-2021)~	2.0%	4.3%	5.4%	9.9%	4.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	52.7%	33.9%	65.0%	25.2%	47.5%
Percentage of population in single parent families (2017-2021)~	5.1%	21.9%	5.5%	20.4%	9.3%
Percentage of population with a disability (2017-2021)~	10.1%	7.4%	5.5%	5.8%	8.5%
Percentage of population who speak English less than very well (2017-2021)~	2.5%	5.3%	28.0%	33.2%	4.7%
Percentage of high school students who dropped out (2021-2022)	0.6%	2.4%	0.7%	9.8%	3.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	6.1	34.2	4.4	18.4	11.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	617.2	695.9	373.6	536.0	620.2
Percentage of premature deaths (< 75 years)	28.2%	50.7%	42.9%	54.6%	33.3%
Years of potential life lost per 100,000 population, age-adjusted	4,287.2	6,765.3	2,200.8	4,553.8	4,566.8
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	85.8	195.9	53.4	104.4	103.4
Birth-Related Indicators					
Number of births per year (3 year average)	6,425	1,498	1,952	3,652	13,794
Percentage of births with early (1st trimester) prenatal care	92.5%	78.3%	84.9%	77.6%	85.7%
Percentage of births with adequate prenatal care (APNCU)^	88.0%	80.4%	83.3%	82.2%	84.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.6%	13.5%	8.5%	10.6%	9.2%
Percentage of low birthweight births (< 2.5 kg)	6.2%	12.9%	9.1%	8.2%	7.9%
Teen pregnancies per 1,000 females aged under 18 years	0.4	4.4	0.4	7.6	2.4
Pregnancies per 1,000 females aged 15-44 years	57.4	76.4	67.4	93.1	71.9
Fertility per 1,000 females aged 15-44 years	49.6	43.3	62.9	74.1	56.3
Infant mortality per 1,000 live births	1.5	7.8	1.4*	2.6	2.6

Percentage of low-risk births delivered by cesarean section	32.4%	39.0%	30.7%	28.9%	32.1%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	3.7	7.8	4.0	8.0	5.3
Unintentional injury mortality per 100,000 population, age-adjusted	37.7	24.4	13.4	30.0	32.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	65.4	55.0	34.6	53.7	68.3
Fall hospitalizations per 10,000 population, aged 65 years or older	254.7	111.9	99.9	125.0	237.7
Poisoning hospitalizations per 10,000 population, age-adjusted	7.5	9.9	3.2	5.9	8.1
Suicide mortality per 100,000 population, age-adjusted	6.8	5.4	4.1	2.8	5.7
Opioid burden per 100,000 population	197.4	134.9	16.2	84.3	157.7
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	3.9	16.5	4.3	9.8	7.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.5	23.3	9.6	18.6	12.1
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	23.1	13.3	5.5	11.2	20.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.3	30.2	7.6	16.2	16.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	59%	37%	53%	40%	56%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	188.8	218.7	100.6	135.8	187.5
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	81.2	106.2	53.6	66.4	87.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	21.4	24.4	18.0	23.0	22.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.3	31.7	12.6	16.5	18.8
Coronary heart disease mortality per 100,000 population, age-adjusted	156.7	188.7	87.5	112.8	156.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.2	25.6	24.1	21.5	26.2
Congestive heart failure mortality per 100,000 population, age-adjusted	9.5	6.1	3.2	6.0	9.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	43.6	53.8	14.2	20.1	40.5
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	10.0	29.3	11.5	12.7	12.5
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	9.6	32.6	6.6	17.8	14.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	142.9	331.3	156.2	208.0	187.6
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	2.5	9.9	1.2	5.1	4.0
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	59.1	36.6	32.3	28.9	52.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.4	12.7	7.8	7.0	10.6
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	37.2	39.2	30.1	31.9	36.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.1	22.1	9.0	12.1	17.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	45.8	50.6	35.2	29.2	42.8

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.3	4.2	s	s	1.5
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	6.2	9.9	4.4	9.3	7.1
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	49%	38%	39%	35%	47%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

New York County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	786,118	212,634	211,037	419,123	1,632,393
Percentage of population (2018)	48.2%	13.0%	12.9%	25.7%	100.0%
Percentage of population aged 65 years or older (2018)	18.5%	15.6%	13.8%	15.2%	16.7%
Median annual household income in US dollars (2017-2021)~	136,386	42,341	94,758	44,456	93,956
Percentage of families below poverty (2017-2021)~	3.0%	23.1%	13.8%	21.1%	11.9%
Percentage of children under age 18 below poverty (2017-2021)~	3.1%	36.6%	15.8%	33.4%	20.2%
Percentage unemployed among the civilian labor force (2017-2021)~	4.4%	10.6%	5.5%	10.7%	6.6%
Percentage of population with no health insurance (2017-2021)~	2.7%	5.5%	4.9%	8.0%	4.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	84.5%	31.4%	68.5%	27.9%	62.6%
Percentage of population in single parent families (2017-2021)~	7.1%	35.1%	8.4%	28.8%	16.3%
Percentage of population with a disability (2017-2021)~	7.5%	15.7%	7.2%	15.5%	10.5%
Percentage of population who speak English less than very well (2017-2021)~	2.5%	7.0%	31.6%	32.8%	8.1%
Percentage of high school students who dropped out (2021-2022)	3.4%	9.9%	4.1%	11.6%	9.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	6.6	97.4	6.4	33.9	24.8
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	409.8	929.0	377.5	561.9	528.4
Percentage of premature deaths (< 75 years)	30.9%	51.8%	27.1%	41.9%	38.7%
Years of potential life lost per 100,000 population, age-adjusted	2,639.9	9,545.4	1,993.7	5,018.3	4,294.8
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	37.9	214.7	27.9	106.9	91.1
Birth-Related Indicators					
Number of births per year (3 year average)	7,381	1,777	2,241	3,760	15,653
Percentage of births with early (1st trimester) prenatal care	87.2%	62.5%	84.6%	66.4%	78.7%
Percentage of births with adequate prenatal care (APNCU)^	84.5%	65.3%	81.5%	68.5%	77.9%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	6.9%	12.9%	7.4%	10.9%	8.7%
Percentage of low birthweight births (< 2.5 kg)	6.2%	12.6%	7.9%	9.3%	8.0%
Teen pregnancies per 1,000 females aged under 18 years	1.6	9.3	0.7*	6.2	5.3
Pregnancies per 1,000 females aged 15-44 years	50.8	84.5	39.9	62.2	61.6
Fertility per 1,000 females aged 15-44 years	37.5	37.5	34.7	40.1	38.8
Infant mortality per 1,000 live births	1.7	6.6	1.8	2.0	2.7

Percentage of low-risk births delivered by cesarean section	25.9%	31.2%	27.7%	30.5%	27.7%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	1.5	2.3	0.8*	2.4	1.8
Unintentional injury mortality per 100,000 population, age-adjusted	19.6	48.5	8.8	35.4	26.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	41.9	77.4	22.2	45.1	56.9
Fall hospitalizations per 10,000 population, aged 65 years or older	161.2	115.2	99.2	102.0	164.7
Poisoning hospitalizations per 10,000 population, age-adjusted	4.9	22.0	1.7	8.7	10.0
Suicide mortality per 100,000 population, age-adjusted	8.3	5.6	5.7	4.3	6.9
Opioid burden per 100,000 population	171.7	658.3	23.9	385.2	327.8

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.9	25.1	1.6	12.9	10.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.2	49.2	4.4	25.1	23.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	12.4	28.3	11.4	14.2	15.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	5.2	41.1	3.7	21.7	17.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	58%	33%	50%	34%	52%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	109.4	249.6	97.1	130.1	135.3
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	35.5	100.6	19.6	63.5	61.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	12.0	30.9	16.0	18.2	17.0
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	8.8	27.5	9.6	15.8	17.1
Coronary heart disease mortality per 100,000 population, age-adjusted	92.5	217.3	83.3	111.0	115.6
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	9.8	21.1	6.2	18.9	17.1
Congestive heart failure mortality per 100,000 population, age-adjusted	4.0	6.8	2.8	5.8	4.8
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	12.9	66.3	7.7	34.0	29.3

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	6.0	37.2	9.5	18.8	14.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	4.0	41.4	3.6	22.6	16.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	53.8	340.2	67.0	223.5	167.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	1.4	15.3	1.1	6.9	5.6

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	43.1	61.4	54.3	30.5	44.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	7.1	16.0	8.3	9.9	9.2
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	29.7	37.2	32.8	30.9	31.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	14.9	30.0	8.6	12.2	16.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	41.3	53.3	29.0	32.4	39.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.0	4.1	2.0*	1.8	1.8
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.7	12.5	6.6	6.4	7.0
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	35%	34%	32%	42%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Niagara County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	181,802	16,572	2,726	6,780	210,300
Percentage of population (2018)	86.4%	7.9%	1.3%	3.2%	100.0%
Percentage of population aged 65 years or older (2018)	20.6%	9.9%	11.0%	5.6%	19.0%
Median annual household income in US dollars (2017-2021)~	65,157	29,864	50,114	40,396	60,834
Percentage of families below poverty (2017-2021)~	7.0%	27.7%	29.4%*	21.4%	9.1%
Percentage of children under age 18 below poverty (2017-2021)~	11.5%	35.1%	47.6%	31.7%	16.8%
Percentage unemployed among the civilian labor force (2017-2021)~	5.5%	6.7%	11.1%*	6.3%*	5.8%
Percentage of population with no health insurance (2017-2021)~	2.6%	4.3%	6.5%*	2.2%*	2.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	27.2%	13.4%	44.3%	21.7%	26.3%
Percentage of population in single parent families (2017-2021)~	13.4%	50.4%	19.5%	29.6%	16.4%
Percentage of population with a disability (2017-2021)~	14.6%	17.3%	9.5%	17.0%	14.9%
Percentage of population who speak English less than very well (2017-2021)~	0.9%	0.4%	34.2%	17.8%	0.9%
Percentage of high school students who dropped out (2021-2022)	7.6%	22.1%	2.2%	16.3%	10.2%
Arrests per 1,000 population aged 18 years or older (2019-2021)	16.1	112.8	6.8	46.1	23.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	817.4	1,197.7	348.2	889.9	846.6
Percentage of premature deaths (< 75 years)	39.5%	69.5%	47.6%	58.4%	42.2%
Years of potential life lost per 100,000 population, age-adjusted	6,992.5	15,634.8	1,786.6	7,257.3	7,866.9
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	119.5	310.5	52.3	108.4	132.4
Birth-Related Indicators					
Number of births per year (3 year average)	1,583	215	34	110	2,051
Percentage of births with early (1st trimester) prenatal care	76.3%	58.9%	71.7%	66.2%	73.0%
Percentage of births with adequate prenatal care (APNCU)^	74.8%	63.3%	73.5%	68.6%	72.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.4%	12.3%	10.9%	9.8%	10.0%
Percentage of low birthweight births (< 2.5 kg)	7.4%	11.8%	4.0%*	9.5%	8.2%
Teen pregnancies per 1,000 females aged under 18 years	2.4	11.2	0.0*	6.0*	4.2
Pregnancies per 1,000 females aged 15-44 years	60.2	95.0	51.2	89.6	70.2
Fertility per 1,000 females aged 15-44 years	51.1	59.1	52.8	73.1	55.1
Infant mortality per 1,000 live births	3.8	14.0*	0.0*	6.0*	5.4

Percentage of low-risk births delivered by cesarean section	33.3%	33.7%	43.6%	40.0%	33.9%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	6.8	19.3	0.0*	18.5*	8.5
Unintentional injury mortality per 100,000 population, age-adjusted	45.2	81.8	0.0*	68.0*	50.1
Unintentional injury hospitalizations per 10,000 population, age-adjusted	59.9	76.5	11.2*	41.6	62.3
Fall hospitalizations per 10,000 population, aged 65 years or older	191.7	119.9	s	141.5	189.0
Poisoning hospitalizations per 10,000 population, age-adjusted	10.2	16.4	s	12.2	11.0
Suicide mortality per 100,000 population, age-adjusted	12.7	8.3*	0.0*	8.3*	12.0
Opioid burden per 100,000 population	294.3	400.3	s	299.9	307.5

Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	3.5	8.9	10.1*	7.2	4.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	8.5	9.2	29.6*	11.3*	9.1
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	45.2	43.8	18.5*	37.9*	45.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	20.6	39.4	14.3	20.3	22.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	41%	30%	45%	26%	40%

Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	204.6	328.2	159.1	176.8	213.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	85.0	168.4	42.5	77.1	91.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	34.3	49.5	26.7*	38.4*	35.1
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	22.1	50.1	9.4*	11.3	23.8
Coronary heart disease mortality per 100,000 population, age-adjusted	125.5	235.1	103.7*	99.1	132.5
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	25.8	39.1	11.8	27.4	27.5
Congestive heart failure mortality per 100,000 population, age-adjusted	46.6	31.9	8.4*	24.3*	45.7
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	44.0	91.6	19.5	14.5	46.7

Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	19.7	63.1	0.0*	54.9*	22.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	17.4	58.3	9.9*	28.0	21.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	185.2	464.7	133.7	235.4	207.6
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.5	30.4	s	18.6	10.4

Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	72.8	56.0	s	72.6*	71.8
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.8	19.8*	0.0*	0.0*	13.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	45.6	58.5	0.0*	s	45.8
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.6	27.4*	s	0.0*	19.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	42.5	49.0	s	s	42.3

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.7*	0.0*	0.0*	0.0*	1.6*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	11.7	s	0.0*	s	11.6
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	42%	41%	32%	0%	42%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Oneida County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	189,344	15,714	9,616	14,175	229,431
Percentage of population (2018)	82.5%	6.8%	4.2%	6.2%	100.0%
Percentage of population aged 65 years or older (2018)	21.3%	7.4%	6.6%	5.3%	18.7%
Median annual household income in US dollars (2017-2021)~	65,570	30,250	52,155	47,665	61,733
Percentage of families below poverty (2017-2021)~	6.5%	44.3%	18.8%	26.3%	10.1%
Percentage of children under age 18 below poverty (2017-2021)~	12.1%	65.8%	40.1%	33.5%	21.2%
Percentage unemployed among the civilian labor force (2017-2021)~	4.2%	9.9%	2.5%*	9.6%	4.7%
Percentage of population with no health insurance (2017-2021)~	3.6%	5.3%*	6.5%	5.9%	3.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	27.8%	8.9%	28.0%	16.0%	26.2%
Percentage of population in single parent families (2017-2021)~	13.6%	62.9%	15.6%	41.2%	17.6%
Percentage of population with a disability (2017-2021)~	14.1%	14.0%	11.6%	10.1%	13.7%
Percentage of population who speak English less than very well (2017-2021)~	2.4%	4.3%	46.4%	17.5%	2.8%
Percentage of high school students who dropped out (2021-2022)	6.2%	18.0%	13.9%	13.1%	8.4%
Arrests per 1,000 population aged 18 years or older (2019-2021)	15.8	103.5	9.9	36.8	22.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	800.2	1,033.0	533.9	648.9	812.2
Percentage of premature deaths (< 75 years)	37.7%	74.8%	62.8%	68.0%	40.4%
Years of potential life lost per 100,000 population, age-adjusted	7,164.8	12,859.7	4,067.3	6,841.1	7,675.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	118.0	289.0	94.0	321.7	136.7
Birth-Related Indicators					
Number of births per year (3 year average)	1,744	232	162	226	2,466
Percentage of births with early (1st trimester) prenatal care	76.7%	53.0%	47.0%	61.6%	70.3%
Percentage of births with adequate prenatal care (APNCU)^	82.0%	65.6%	68.3%	73.9%	78.2%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.8%	13.5%	11.3%	12.0%	9.8%
Percentage of low birthweight births (< 2.5 kg)	6.7%	14.7%	8.6%	9.3%	7.9%
Teen pregnancies per 1,000 females aged under 18 years	2.2	10.7	4.4*	7.2	6.0
Pregnancies per 1,000 females aged 15-44 years	59.3	85.6	70.1	79.7	78.0
Fertility per 1,000 females aged 15-44 years	54.9	77.4	68.7	75.0	61.3
Infant mortality per 1,000 live births	5.4	14.4	2.1*	10.3*	7.6

Percentage of low-risk births delivered by cesarean section	32.7%	36.5%	32.0%	24.0%	32.0%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	7.7	6.0*	0.0*	10.2*	7.7
Unintentional injury mortality per 100,000 population, age-adjusted	49.1	92.4	13.6*	48.8	51.6
Unintentional injury hospitalizations per 10,000 population, age-adjusted	63.3	69.7	35.9	120.4	70.3
Fall hospitalizations per 10,000 population, aged 65 years or older	208.4	60.4	125.8	423.4	224.3
Poisoning hospitalizations per 10,000 population, age-adjusted	11.6	14.9	4.2	15.3	12.4
Suicide mortality per 100,000 population, age-adjusted	15.1	6.9*	8.4*	4.7*	14.0
Opioid burden per 100,000 population	133.4	173.9	s	136.4	136.1

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.7	7.3	3.1*	10.5	4.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.2	11.9	s	14.2	6.1
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	45.6	60.1	0.0*	17.8*	45.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	19.9	36.0	14.6	47.5	23.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	49%	41%	43%	35%	48%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	169.1	208.1	128.3	153.7	170.2
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	76.6	130.1	41.6	183.5	87.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	30.5	61.4	33.0*	20.7*	31.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	21.5	31.5	18.4	56.2	23.8
Coronary heart disease mortality per 100,000 population, age-adjusted	114.9	135.1	87.3	109.2	115.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.8	34.2	18.8	61.4	27.9
Congestive heart failure mortality per 100,000 population, age-adjusted	11.7	4.1*	9.6*	17.3*	11.4
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	43.2	55.0	12.6	39.6	45.4

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	23.1	37.1	38.4*	59.2	24.7
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	18.1	61.0	10.2	58.5	23.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	194.7	441.0	175.0	615.1	231.7
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.1	35.9	4.7*	27.8	11.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	72.4	54.5	61.7*	58.6	71.4
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.4	s	s	s	12.2
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	36.5	51.9	s	39.5*	36.3
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.0	s	s	s	17.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	34.1	s	s	s	33.3

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.1*	0.0*	0.0*	0.0*	1.1*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	4.5	0.0*	s	s	4.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	51%	39%	33%	38%	50%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Onondaga County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	360,024	55,646	18,581	23,760	461,890
Percentage of population (2018)	77.9%	12.0%	4.0%	5.1%	100.0%
Percentage of population aged 65 years or older (2018)	19.7%	8.6%	7.9%	4.9%	17.1%
Median annual household income in US dollars (2017-2021)~	73,238	33,996	62,376	46,080	66,012
Percentage of families below poverty (2017-2021)~	6.0%	32.8%	10.0%	27.1%	9.8%
Percentage of children under age 18 below poverty (2017-2021)~	11.4%	51.6%	18.9%	38.4%	21.2%
Percentage unemployed among the civilian labor force (2017-2021)~	5.0%	12.3%	7.9%	9.4%	5.9%
Percentage of population with no health insurance (2017-2021)~	3.1%	4.2%	3.7%	6.1%	3.4%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	39.3%	14.0%	45.0%	26.8%	36.5%
Percentage of population in single parent families (2017-2021)~	12.8%	50.6%	9.1%	42.7%	17.9%
Percentage of population with a disability (2017-2021)~	13.5%	16.0%	9.1%	11.6%	13.5%
Percentage of population who speak English less than very well (2017-2021)~	1.7%	5.2%	39.0%	15.8%	1.8%
Percentage of high school students who dropped out (2021-2022)	4.5%	10.5%	4.7%	11.0%	6.2%
Arrests per 1,000 population aged 18 years or older (2019-2021)	13.5	100.2	5.2	34.1	23.4
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	724.8	1,048.6	360.5	656.6	752.9
Percentage of premature deaths (< 75 years)	35.9%	64.3%	37.6%	65.5%	39.4%
Years of potential life lost per 100,000 population, age-adjusted	5,884.8	11,965.6	1,556.6	7,101.8	6,725.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	110.0	296.5	63.1	161.1	131.4
Birth-Related Indicators					
Number of births per year (3 year average)	3,141	911	272	397	5,049
Percentage of births with early (1st trimester) prenatal care	85.6%	61.5%	67.6%	67.1%	77.9%
Percentage of births with adequate prenatal care (APNCU)^	87.9%	68.7%	75.8%	73.2%	81.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.8%	12.1%	7.7%	11.4%	9.2%
Percentage of low birthweight births (< 2.5 kg)	6.1%	13.7%	6.6%	9.3%	8.2%
Teen pregnancies per 1,000 females aged under 18 years	2.0	12.6	1.2*	8.5	5.6
Pregnancies per 1,000 females aged 15-44 years	54.7	102.6	56.7	82.5	72.9
Fertility per 1,000 females aged 15-44 years	47.5	69.9	53.9	67.5	55.5
Infant mortality per 1,000 live births	3.2	12.1	0.0*	9.2	5.1

Percentage of low-risk births delivered by cesarean section	26.4%	27.1%	28.3%	24.9%	26.4%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	7.0	8.8	0.0*	12.3*	7.5
Unintentional injury mortality per 100,000 population, age-adjusted	53.4	67.6	9.9*	43.3	54.1
Unintentional injury hospitalizations per 10,000 population, age-adjusted	65.9	91.2	30.9	66.0	72.1
Fall hospitalizations per 10,000 population, aged 65 years or older	214.6	118.1	79.7	94.5	208.3
Poisoning hospitalizations per 10,000 population, age-adjusted	10.7	18.1	3.1	14.9	12.3
Suicide mortality per 100,000 population, age-adjusted	11.2	8.2	0.0*	7.8*	10.7
Opioid burden per 100,000 population	271.2	285.1	16.1*	371.8	276.9

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.9	15.2	2.2	13.1	5.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	6.3	25.2	3.9*	23.9	12.6
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	33.5	39.7	18.4*	19.6*	33.8
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	15.5	35.5	12.0	29.1	19.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	54%	38%	55%	30%	52%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	143.7	211.4	75.8	106.5	147.8
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	67.1	122.1	26.4	79.9	74.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.0	45.5	18.9*	42.4	29.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.1	44.1	15.5	29.6	22.2
Coronary heart disease mortality per 100,000 population, age-adjusted	95.8	145.0	56.1	68.5	98.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	17.9	23.1	9.2	23.9	19.2
Congestive heart failure mortality per 100,000 population, age-adjusted	11.6	11.9	0.0*	14.0*	11.4
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	39.9	67.2	8.6	24.1	42.0

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	17.7	42.8	17.2*	28.1*	20.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	15.8	57.6	3.5	30.9	21.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	161.5	434.8	98.9	298.4	196.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.9	35.0	1.5*	16.0	11.3

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	73.7	90.6	38.1	45.1	73.7
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.1	16.8	0.0*	s	12.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	37.9	40.2	27.0	36.7	37.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.9	13.2	s	0.0*	18.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	37.2	41.0	s	35.3*	37.2

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Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.7	0.0*	0.0*	0.0*	1.5
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.2	s	s	0.0*	6.6
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	53%	42%	42%	31%	52%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Ontario County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	99,552	2,976	1,694	5,466	109,962
Percentage of population (2018)	90.5%	2.7%	1.5%	5.0%	100.0%
Percentage of population aged 65 years or older (2018)	21.3%	9.2%	9.3%	5.0%	20.0%
Median annual household income in US dollars (2017-2021)~	71,990	52,321	105,789	58,790	70,694
Percentage of families below poverty (2017-2021)~	4.7%	5.6%*	3.9%*	14.8%	5.2%
Percentage of children under age 18 below poverty (2017-2021)~	8.1%	0.0%	1.8%	30.2%	10.2%
Percentage unemployed among the civilian labor force (2017-2021)~	3.7%	5.5%*	0.0%	6.4%	4.0%
Percentage of population with no health insurance (2017-2021)~	2.7%	4.0%*	5.3%*	13.7%	3.4%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	38.1%	25.9%	54.7%	27.6%	37.5%
Percentage of population in single parent families (2017-2021)~	14.1%	33.3%	29.1%	25.3%	14.8%
Percentage of population with a disability (2017-2021)~	13.3%	17.5%	9.8%*	14.6%	13.4%
Percentage of population who speak English less than very well (2017-2021)~	0.9%	5.1%	22.9%	20.5%	0.8%
Percentage of high school students who dropped out (2021-2022)	5.1%	0.0%	0.0%	14.3%	5.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.0	152.8	7.2	48.7	18.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	700.2	788.5	336.8	748.7	702.1
Percentage of premature deaths (< 75 years)	38.2%	72.7%	50.0%*	67.2%	39.3%
Years of potential life lost per 100,000 population, age-adjusted	5,893.4	11,194.3	2,391.4	6,947.1	6,037.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	94.2	203.7	41.4*	159.4	98.0
Birth-Related Indicators					
Number of births per year (3 year average)	816	23	17	84	965
Percentage of births with early (1st trimester) prenatal care	81.2%	79.7%	74.5%	66.9%	79.6%
Percentage of births with adequate prenatal care (APNCU)^	77.3%	77.2%	69.8%	72.1%	76.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.9%	14.3%	14.0%*	7.1%	9.1%
Percentage of low birthweight births (< 2.5 kg)	6.7%	11.4%*	6.0%*	7.5%	7.0%
Teen pregnancies per 1,000 females aged under 18 years	1.6	6.3*	0.0*	7.8*	2.3
Pregnancies per 1,000 females aged 15-44 years	55.0	52.5	35.0	81.3	59.0
Fertility per 1,000 females aged 15-44 years	48.8	36.0	38.1	70.7	50.6
Infant mortality per 1,000 live births	4.9	0.0*	0.0*	7.9*	5.2

Percentage of low-risk births delivered by cesarean section	21.0%	s	s	21.0%	22.0%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.3	0.0*	0.0*	5.0*	5.2
Unintentional injury mortality per 100,000 population, age-adjusted	42.0	53.1*	0.0*	21.9*	41.6
Unintentional injury hospitalizations per 10,000 population, age-adjusted	77.4	106.8	30.9	74.1	80.2
Fall hospitalizations per 10,000 population, aged 65 years or older	168.6	85.5*	s	122.5	169.8
Poisoning hospitalizations per 10,000 population, age-adjusted	9.5	21.6	s	6.3	10.0
Suicide mortality per 100,000 population, age-adjusted	17.4	11.2*	23.9*	0.0*	16.5
Opioid burden per 100,000 population	162.1	291.2	s	280.5	174.3

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.3	s	s	s	2.4
Asthma hospitalizations per 10,000 population, aged 0-17 years	2.8	s	s	0.0*	3.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	38.1	58.8*	0.0*	113.2*	39.0
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.7	28.9	s	36.1	14.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	34%	57%	29%	50%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	131.5	228.9	51.9*	133.2*	133.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	68.8	108.0	s	67.7	71.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.3	30.6*	47.3*	8.7*	29.5
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	18.4	30.2	s	29.1	19.3
Coronary heart disease mortality per 100,000 population, age-adjusted	90.0	149.7	51.9*	113.0*	91.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	18.1	19.4	s	19.8	19.1
Congestive heart failure mortality per 100,000 population, age-adjusted	10.2	0.0*	0.0*	0.0*	9.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.9	49.6	s	16.4	40.2

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	17.7	43.6*	71.3*	29.4*	18.6
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	11.5	33.7	s	24.1	12.6
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	148.2	353.9	83.4	297.5	158.2
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.1	20.8	s	13.5	5.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	62.4	112.2*	s	s	62.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	10.7	s	0.0*	0.0*	10.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	31.7	s	s	109.8*	34.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.9	0.0*	0.0*	s	18.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	31.1	s	0.0*	s	32.8

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.0	0.0*	0.0*	0.0*	6.5
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	53%	47%	33%	21%	53%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Orange County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	247,214	42,424	11,515	80,115	382,411
Percentage of population (2018)	64.6%	11.1%	3.0%	20.9%	100.0%
Percentage of population aged 65 years or older (2018)	17.4%	9.4%	10.5%	6.7%	14.0%
Median annual household income in US dollars (2017-2021)~	88,025	74,126	83,023	87,045	85,640
Percentage of families below poverty (2017-2021)~	7.5%	9.8%	12.8%*	9.4%	8.3%
Percentage of children under age 18 below poverty (2017-2021)~	19.7%	15.0%	13.9%	14.7%	17.4%
Percentage unemployed among the civilian labor force (2017-2021)~	4.4%	7.1%	6.8%	7.4%	5.4%
Percentage of population with no health insurance (2017-2021)~	3.4%	4.6%	10.8%	8.3%	4.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	34.1%	26.3%	51.3%	22.0%	31.4%
Percentage of population in single parent families (2017-2021)~	8.9%	25.6%	10.1%	18.6%	12.7%
Percentage of population with a disability (2017-2021)~	11.7%	11.8%	5.3%	10.6%	11.4%
Percentage of population who speak English less than very well (2017-2021)~	8.6%	2.8%	25.6%	20.3%	4.8%
Percentage of high school students who dropped out (2021-2022)	3.4%	9.3%	1.3%	12.3%	6.9%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.8	57.8	4.4	31.6	22.8
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	745.8	812.6	364.3	625.2	739.1
Percentage of premature deaths (< 75 years)	39.7%	61.1%	57.8%	55.5%	43.6%
Years of potential life lost per 100,000 population, age-adjusted	6,293.0	8,645.5	2,354.7	4,976.2	6,302.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	111.3	210.2	40.5	107.6	129.1
Birth-Related Indicators					
Number of births per year (3 year average)	3,269	403	124	1,211	5,166
Percentage of births with early (1st trimester) prenatal care	76.3%	64.4%	60.1%	61.8%	70.9%
Percentage of births with adequate prenatal care (APNCU)^	71.6%	57.4%	58.3%	54.5%	65.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	6.6%	14.8%	10.8%	10.0%	8.3%
Percentage of low birthweight births (< 2.5 kg)	5.6%	14.2%	7.5%	8.0%	7.0%
Teen pregnancies per 1,000 females aged under 18 years	0.9	3.2	1.0*	5.2	2.5
Pregnancies per 1,000 females aged 15-44 years	90.0	76.2	48.3	88.9	90.1
Fertility per 1,000 females aged 15-44 years	78.7	46.5	49.3	68.7	73.2
Infant mortality per 1,000 live births	2.7	9.9	0.0*	4.7	3.9

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Percentage of low-risk births delivered by cesarean section	21.9%	37.6%	33.8%	32.5%	26.3%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	8.8	10.0	0.0*	4.6	8.0
Unintentional injury mortality per 100,000 population, age-adjusted	55.3	48.1	7.9*	32.9	48.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	69.2	57.2	19.1	45.9	71.5
Fall hospitalizations per 10,000 population, aged 65 years or older	226.5	116.7	46.8	117.1	221.2
Poisoning hospitalizations per 10,000 population, age-adjusted	9.7	9.8	2.1*	7.4	9.9
Suicide mortality per 100,000 population, age-adjusted	11.1	5.7*	4.8*	8.3	10.1
Opioid burden per 100,000 population	313.0	193.3	26.1*	141.0	269.2

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	4.5	14.9	s	6.4	6.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	7.8	25.3	s	9.1	11.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	39.5	17.9	12.5*	15.3	35.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	18.1	36.1	5.0	16.5	21.5
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	41%	49%	43%	49%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	161.8	180.4	103.2	117.4	160.2
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	75.2	96.8	30.7	62.3	86.4
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	24.4	33.1	19.7*	25.7	25.7
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.2	28.9	11.3	16.4	22.2
Coronary heart disease mortality per 100,000 population, age-adjusted	110.6	123.3	86.3	85.1	110.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.3	26.2	11.6	22.3	27.2
Congestive heart failure mortality per 100,000 population, age-adjusted	15.6	21.6	9.8*	14.8	16.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	32.9	44.1	8.7	15.5	32.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	15.5	27.8	10.4*	29.5	17.4
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.2	31.7	6.4	15.6	16.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	175.6	319.3	94.7	218.5	217.2
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.1	12.4	2.6*	5.5	6.6

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	69.5	47.5	s	37.9	62.5
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	17.0	31.3	39.2	14.0	18.3
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	37.4	43.1	26.8	33.2	37.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	24.0	51.5	s	15.8	26.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	43.6	59.6	s	32.7	43.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	2.3	s	s	s	3.6
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.5	s	s	7.1*	9.4
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	43%	41%	32%	41%	43%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Orleans County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	35,401	2,635	278	2,159	40,708
Percentage of population (2018)	87.0%	6.5%	0.7%	5.3%	100.0%
Percentage of population aged 65 years or older (2018)	19.4%	9.3%	10.4%	4.5%	17.9%
Median annual household income in US dollars (2017-2021)~	55,321	NA	116,875	38,214*	54,882
Percentage of families below poverty (2017-2021)~	9.9%	0.0%	2.0%*	43.4%	11.1%
Percentage of children under age 18 below poverty (2017-2021)~	16.9%	24.6%	0.0%	47.4%	19.4%
Percentage unemployed among the civilian labor force (2017-2021)~	4.9%	18.9%*	8.3%*	24.1%	6.4%
Percentage of population with no health insurance (2017-2021)~	4.3%	1.9%*	30.1%*	10.9%*	4.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	17.9%	7.2%*	24.3%*	16.9%	17.2%
Percentage of population in single parent families (2017-2021)~	17.8%	17.8%	0.0%	40.9%	19.0%
Percentage of population with a disability (2017-2021)~	15.5%	32.6%	5.2%*	8.1%*	15.9%
Percentage of population who speak English less than very well (2017-2021)~	0.7%	1.2%	37.9%	29.3%	1.1%
Percentage of high school students who dropped out (2021-2022)	6.1%	14.3%	s	11.9%	7.4%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.4	47.2	3.1	27.4	17.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	832.3	691.4	683.4*	733.8	823.5
Percentage of premature deaths (< 75 years)	45.7%	43.6%	33.3%*	71.4%	46.2%
Years of potential life lost per 100,000 population, age-adjusted	7,757.5	3,419.8	1,411.0	5,429.3	7,614.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	93.5	114.5	0.0*	58.7	95.9
Birth-Related Indicators					
Number of births per year (3 year average)	345	12	1	18	388
Percentage of births with early (1st trimester) prenatal care	80.5%	81.8%	s	75.5%	79.9%
Percentage of births with adequate prenatal care (APNCU)^	79.0%	s	s	72.7%	78.4%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.7%	27.8%	s	3.7%*	9.6%
Percentage of low birthweight births (< 2.5 kg)	5.7%	19.4%*	s	3.7%*	6.5%
Teen pregnancies per 1,000 females aged under 18 years	3.7	0.0*	s	1.6*	3.5
Pregnancies per 1,000 females aged 15-44 years	63.6	23.0	5.4*	41.2	61.0
Fertility per 1,000 females aged 15-44 years	57.9	18.4	10.8*	33.7	53.6
Infant mortality per 1,000 live births	7.7*	0.0*	s	18.5*	11.2

Percentage of low-risk births delivered by cesarean section	25.5%	s	s	s	26.9%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	7.9*	0.0*	0.0*	0.0*	6.3*
Unintentional injury mortality per 100,000 population, age-adjusted	43.1	18.7*	0.0*	10.9*	39.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	70.9	55.0	68.2*	60.5	74.7
Fall hospitalizations per 10,000 population, aged 65 years or older	150.6	82.0*	s	s	161.9
Poisoning hospitalizations per 10,000 population, age-adjusted	11.1	s	0.0*	11.9*	11.2
Suicide mortality per 100,000 population, age-adjusted	11.1	8.3*	0.0*	0.0*	10.7
Opioid burden per 100,000 population	271.2	202.4	s	123.5*	265.3

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.7	s	0.0*	s	1.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.0	0.0*	0.0*	s	4.6
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	50.1	0.0*	0.0*	70.3*	49.0
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.6	13.0*	0.0*	s	14.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	42%	24%	NA	4%	41%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	190.9	198.0	298.9*	175.3*	191.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	78.3	85.4	s	40.1	82.4
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.6	24.6*	0.0*	0.0*	28.3
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	22.1	35.6	s	19.1*	23.6
Coronary heart disease mortality per 100,000 population, age-adjusted	137.5	198.0	298.9*	152.0*	139.9
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	22.4	19.9	s	16.3*	24.2
Congestive heart failure mortality per 100,000 population, age-adjusted	25.9	0.0*	0.0*	0.0*	24.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	38.8	19.6	0.0*	s	37.3

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	13.4	51.7*	0.0*	47.0*	15.1
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	15.4	32.9	0.0*	26.4	16.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	198.0	334.7	66.0*	281.8	213.0
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.0	s	0.0*	s	5.1

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	99.4	106.8*	0.0*	s	98.0
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	15.8	0.0*	0.0*	0.0*	14.5
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	48.8	s	0.0*	s	47.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	13.5	s	s	0.0*	15.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	44.4	s	s	0.0*	45.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	43%	25%	NA	NA	43%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Oswego County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	111,358	1,548	963	3,122	117,520
Percentage of population (2018)	94.8%	1.3%	0.8%	2.7%	100.0%
Percentage of population aged 65 years or older (2018)	16.9%	5.5%	8.6%	4.1%	16.3%
Median annual household income in US dollars (2017-2021)~	62,431	35,213*	79,792*	27,500	61,983
Percentage of families below poverty (2017-2021)~	11.1%	40.1%*	0.0%	51.9%	12.0%
Percentage of children under age 18 below poverty (2017-2021)~	25.9%	49.2%	4.4%	55.9%	27.1%
Percentage unemployed among the civilian labor force (2017-2021)~	6.7%	20.0%	4.1%*	18.0%	7.1%
Percentage of population with no health insurance (2017-2021)~	4.3%	1.6%*	4.4%*	3.8%*	4.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	20.6%	12.7%*	47.4%	29.4%	20.8%
Percentage of population in single parent families (2017-2021)~	19.3%	88.3%	6.3%	59.7%	20.4%
Percentage of population with a disability (2017-2021)~	14.7%	7.7%*	10.9%*	15.8%	14.7%
Percentage of population who speak English less than very well (2017-2021)~	0.5%	0.0%	20.7%	7.1%	0.4%
Percentage of high school students who dropped out (2021-2022)	8.0%	18.8%	s	23.7%	8.5%
Arrests per 1,000 population aged 18 years or older (2019-2021)	23.2	144.0	7.8	56.7	25.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	827.1	767.3	114.2*	588.5	821.6
Percentage of premature deaths (< 75 years)	46.2%	70.0%	33.3%*	56.5%	46.4%
Years of potential life lost per 100,000 population, age-adjusted	7,666.1	8,134.1	571.1	4,771.5	7,539.8
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	132.3	189.9	s	163.2	134.6
Birth-Related Indicators					
Number of births per year (3 year average)	1,121	8	8	48	1,203
Percentage of births with early (1st trimester) prenatal care	78.3%	s	s	65.2%	77.7%
Percentage of births with adequate prenatal care (APNCU)^	83.2%	s	s	77.6%	83.0%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.7%	s	s	11.3%	7.9%
Percentage of low birthweight births (< 2.5 kg)	5.7%	s	s	8.1%	6.0%
Teen pregnancies per 1,000 females aged under 18 years	3.6	6.1*	0.0*	4.0*	4.3
Pregnancies per 1,000 females aged 15-44 years	61.3	28.9	22.7	71.4	64.3
Fertility per 1,000 females aged 15-44 years	55.5	21.4	26.1	60.8	55.3
Infant mortality per 1,000 live births	5.9	s	s	0.0*	5.8

Percentage of low-risk births delivered by cesarean section	22.7%	s	s	s	23.0%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	13.6	10.2*	0.0*	0.0*	13.2
Unintentional injury mortality per 100,000 population, age-adjusted	54.4	32.1*	0.0*	70.7*	53.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	76.1	52.4	s	62.1	77.5
Fall hospitalizations per 10,000 population, aged 65 years or older	179.1	s	0.0*	s	181.8
Poisoning hospitalizations per 10,000 population, age-adjusted	13.5	16.6*	s	6.5*	14.5
Suicide mortality per 100,000 population, age-adjusted	11.3	0.0*	0.0*	0.0*	10.7
Opioid burden per 100,000 population	207.7	150.7*	s	202.9	212.4

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.5	17.8*	0.0*	s	3.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	7.9	s	0.0*	s	7.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	48.6	0.0*	0.0*	0.0*	47.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	19.8	20.2*	0.0*	30.1	20.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	48%	30%	45%	30%	48%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	185.6	265.0*	0.0*	92.4*	184.7
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	86.3	126.4	27.8*	79.4	88.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.7	67.9*	0.0*	0.0*	29.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	23.6	s	s	s	24.2
Coronary heart disease mortality per 100,000 population, age-adjusted	134.0	129.3*	0.0*	76.8*	133.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	26.4	35.7*	s	27.7	27.0
Congestive heart failure mortality per 100,000 population, age-adjusted	14.3	23.3*	0.0*	0.0*	14.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	43.7	38.1	s	13.3*	43.1

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	28.3	0.0*	0.0*	15.6*	28.5
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	20.9	51.0	s	27.7	21.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	216.2	284.0	67.4	303.9	221.7
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	9.9	s	0.0*	s	9.9

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	105.2	s	0.0*	s	103.8
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.5	s	0.0*	s	11.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.3	s	0.0*	s	39.1
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.4	s	0.0*	s	18.1
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	36.2	s	0.0*	0.0*	35.2

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	3.4*	0.0*	0.0*	0.0*	3.2*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.3	0.0*	0.0*	0.0*	7.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	48%	NA	57%	NA	48%

Key

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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Otsego County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	55,001	1,447	941	2,313	59,828
Percentage of population (2018)	91.9%	2.4%	1.6%	3.9%	100.0%
Percentage of population aged 65 years or older (2018)	22.4%	6.5%	7.7%	6.9%	21.2%
Median annual household income in US dollars (2017-2021)~	60,543	67,250	55,625*	53,695	60,523
Percentage of families below poverty (2017-2021)~	8.1%	14.6%*	6.0%*	13.9%*	8.2%
Percentage of children under age 18 below poverty (2017-2021)~	15.9%	35.0%	3.6%	20.5%	17.0%
Percentage unemployed among the civilian labor force (2017-2021)~	5.5%	4.6%*	0.0%	10.7%	5.7%
Percentage of population with no health insurance (2017-2021)~	4.8%	5.0%*	0.6%*	10.2%	5.0%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	33.6%	10.5%*	69.1%	22.1%	33.3%
Percentage of population in single parent families (2017-2021)~	12.6%	48.3%	12.1%	27.4%	12.9%
Percentage of population with a disability (2017-2021)~	14.4%	9.7%*	7.1%*	9.0%	14.0%
Percentage of population who speak English less than very well (2017-2021)~	1.0%	0.0%	31.9%	13.2%	0.5%
Percentage of high school students who dropped out (2021-2022)	6.6%	5.9%	s	8.3%	6.5%
Arrests per 1,000 population aged 18 years or older (2019-2021)	15.3	65.6	6.9	21.4	16.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	719.5	774.5	164.9*	566.1	713.8
Percentage of premature deaths (< 75 years)	38.1%	83.3%	66.7%*	38.1%*	38.7%
Years of potential life lost per 100,000 population, age-adjusted	6,654.0	11,527.0	912.6	2,584.7	6,487.6
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	104.2	158.8	72.7	89.6	106.4
Birth-Related Indicators					
Number of births per year (3 year average)	416	5	9	34	473
Percentage of births with early (1st trimester) prenatal care	63.2%	s	s	57.4%	63.1%
Percentage of births with adequate prenatal care (APNCU)^	78.3%	s	s	71.1%	77.9%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.3%	s	s	8.0%*	7.5%
Percentage of low birthweight births (< 2.5 kg)	5.3%	s	s	4.0%*	5.6%
Teen pregnancies per 1,000 females aged under 18 years	2.9	0.0*	0.0*	2.4*	3.1
Pregnancies per 1,000 females aged 15-44 years	47.6	24.5	27.7	61.1	49.4
Fertility per 1,000 females aged 15-44 years	39.1	10.7	28.7	50.8	39.1
Infant mortality per 1,000 live births	5.6*	s	s	0.0*	4.9*

Percentage of low-risk births delivered by cesarean section	20.4%	s	s	s	20.9%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	5.1*	37.9*	0.0*	0.0*	5.6
Unintentional injury mortality per 100,000 population, age-adjusted	35.6	146.2*	0.0*	0.0*	35.3
Unintentional injury hospitalizations per 10,000 population, age-adjusted	62.4	41.0	s	40.2	64.1
Fall hospitalizations per 10,000 population, aged 65 years or older	208.6	s	s	145.8*	212.8
Poisoning hospitalizations per 10,000 population, age-adjusted	7.9	s	s	s	7.9
Suicide mortality per 100,000 population, age-adjusted	15.6	37.9*	0.0*	0.0*	15.5
Opioid burden per 100,000 population	129.7	184.3*	s	s	129.8

Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.7	s	0.0*	s	2.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.6*	0.0*	0.0*	0.0*	3.1*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	37.8	62.3*	0.0*	89.9*	38.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	17.1	s	0.0*	22.8*	17.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	33%	49%	37%	50%

Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	169.2	36.1*	0.0*	79.5*	166.9
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	84.5	95.9	s	26.5	87.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	26.5	0.0*	0.0*	61.2*	26.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	18.1	s	s	s	18.8
Coronary heart disease mortality per 100,000 population, age-adjusted	103.6	0.0*	0.0*	55.4*	101.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	25.3	s	s	s	25.8
Congestive heart failure mortality per 100,000 population, age-adjusted	16.6	0.0*	0.0*	0.0*	16.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	38.1	27.2*	0.0*	s	37.7

Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	24.2	126.3*	0.0*	24.0*	25.6
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	14.2	27.8*	0.0*	16.5*	15.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	176.2	248.6	40.1	87.3	180.9
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.4	s	0.0*	s	4.6

Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	64.3	0.0*	s	s	63.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.4	s	0.0*	0.0*	14.6
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	44.4	s	s	s	44.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	16.7	0.0*	0.0*	0.0*	16.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	53.1	0.0*	0.0*	0.0*	50.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.9*	0.0*	0.0*	0.0*	9.3*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	80%	NA	27%	50%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Putnam County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	77,879	3,062	2,369	15,413	98,871
Percentage of population (2018)	78.8%	3.1%	2.4%	15.6%	100.0%
Percentage of population aged 65 years or older (2018)	20.1%	8.9%	11.1%	6.1%	17.4%
Median annual household income in US dollars (2017-2021)~	113,899	124,940	99,295	98,192	111,617
Percentage of families below poverty (2017-2021)~	2.8%	0.0%	21.4%	5.9%*	3.7%
Percentage of children under age 18 below poverty (2017-2021)~	5.9%	6.2%	23.6%	7.6%	6.4%
Percentage unemployed among the civilian labor force (2017-2021)~	4.6%	5.7%*	3.6%*	5.4%	4.8%
Percentage of population with no health insurance (2017-2021)~	3.7%	2.6%*	10.0%	5.9%	4.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	42.4%	48.4%	47.8%	31.4%	41.5%
Percentage of population in single parent families (2017-2021)~	7.7%	11.8%	16.9%	12.9%	8.7%
Percentage of population with a disability (2017-2021)~	10.1%	13.4%	6.5%	7.4%	9.7%
Percentage of population who speak English less than very well (2017-2021)~	2.4%	2.5%	33.0%	17.3%	2.0%
Percentage of high school students who dropped out (2021-2022)	2.2%	0.0%	0.0%	11.9%	4.2%
Arrests per 1,000 population aged 18 years or older (2019-2021)	9.6	40.4	4.5	25.9	12.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	627.6	535.7	308.8	566.1	622.3
Percentage of premature deaths (< 75 years)	37.3%	66.7%	38.9%*	52.8%	38.8%
Years of potential life lost per 100,000 population, age-adjusted	4,790.8	5,192.4	2,662.1	3,905.6	4,644.2
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	71.5	52.5	29.5	47.2	74.3
Birth-Related Indicators					
Number of births per year (3 year average)	532	26	27	225	824
Percentage of births with early (1st trimester) prenatal care	89.8%	84.4%	77.5%	76.5%	85.3%
Percentage of births with adequate prenatal care (APNCU)^	89.9%	83.8%	83.8%	82.1%	87.3%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.2%	14.3%	10.0%*	9.6%	8.7%
Percentage of low birthweight births (< 2.5 kg)	6.0%	13.0%	5.0%*	7.6%	6.6%
Teen pregnancies per 1,000 females aged under 18 years	0.4*	0.0*	2.4*	2.8*	0.9
Pregnancies per 1,000 females aged 15-44 years	47.7	49.8	41.9	76.0	55.2
Fertility per 1,000 females aged 15-44 years	43.1	42.6	51.6	67.7	49.0
Infant mortality per 1,000 live births	3.8*	0.0*	0.0*	3.0*	3.2*

Percentage of low-risk births delivered by cesarean section	33.1%	s	s	41.3%	35.1%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	3.5	11.2*	0.0*	6.1*	4.7
Unintentional injury mortality per 100,000 population, age-adjusted	35.8	29.6*	0.0*	35.5	34.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	54.5	21.2	15.6	24.5	54.3
Fall hospitalizations per 10,000 population, aged 65 years or older	170.8	s	s	56.8	167.8
Poisoning hospitalizations per 10,000 population, age-adjusted	8.2	s	s	4.0	8.0
Suicide mortality per 100,000 population, age-adjusted	5.8	0.0*	0.0*	4.0*	5.3
Opioid burden per 100,000 population	177.2	163.3	0.0*	51.9	161.2

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.9	10.8*	0.0*	6.1	5.0
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.7	s	0.0*	s	7.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	24.2	0.0*	0.0*	13.4*	23.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	11.3	13.3	s	11.7	12.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	54%	38%	45%	45%	53%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	162.6	90.9*	59.4*	156.8	161.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	57.2	24.9	24.9	39.7	60.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	18.7	42.7*	0.0*	29.2*	19.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	14.1	12.7	s	15.6	16.1
Coronary heart disease mortality per 100,000 population, age-adjusted	124.9	55.0*	59.4*	118.9	123.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	18.2	7.6*	s	15.5	19.3
Congestive heart failure mortality per 100,000 population, age-adjusted	13.1	0.0*	0.0*	16.7*	13.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	29.5	8.3*	14.5*	4.8	26.5

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	14.4	47.8*	0.0*	5.4*	13.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	8.7	s	s	6.3	9.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	111.4	69.1	54.5	94.9	121.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.6	s	0.0*	3.3	4.1

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	67.3	s	s	s	62.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	7.5	0.0*	0.0*	s	7.5
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	33.4	s	s	17.1*	32.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	9.3	s	s	s	11.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	45.4	s	s	34.0*	43.3

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.3*	0.0*	0.0*	s	7.0
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	35%	29%	37%	45%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

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Queens County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	587,235	418,638	625,870	632,353	2,275,286
Percentage of population (2018)	25.8%	18.4%	27.5%	27.8%	100.0%
Percentage of population aged 65 years or older (2018)	23.4%	15.6%	14.0%	10.8%	15.8%
Median annual household income in US dollars (2017-2021)~	86,784	74,726	73,580	66,470	75,886
Percentage of families below poverty (2017-2021)~	5.8%	8.1%	11.1%	10.2%	8.8%
Percentage of children under age 18 below poverty (2017-2021)~	8.8%	13.5%	14.9%	17.6%	14.3%
Percentage unemployed among the civilian labor force (2017-2021)~	6.1%	8.8%	6.0%	7.3%	7.0%
Percentage of population with no health insurance (2017-2021)~	4.4%	6.7%	9.0%	14.5%	8.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	47.4%	26.5%	39.9%	19.3%	33.9%
Percentage of population in single parent families (2017-2021)~	6.6%	24.7%	7.1%	20.7%	13.8%
Percentage of population with a disability (2017-2021)~	12.3%	11.4%	7.2%	8.5%	9.6%
Percentage of population who speak English less than very well (2017-2021)~	12.3%	5.6%	48.0%	41.7%	14.6%
Percentage of high school students who dropped out (2021-2022)	5.0%	8.2%	5.8%	9.6%	7.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	7.0	33.2	8.8	20.5	16.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	633.3	701.6	415.0	536.8	612.8
Percentage of premature deaths (< 75 years)	31.1%	50.6%	45.2%	53.3%	42.7%
Years of potential life lost per 100,000 population, age-adjusted	4,998.1	7,040.4	2,906.8	4,867.1	5,192.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	78.9	147.1	54.0	87.3	102.1
Birth-Related Indicators					
Number of births per year (3 year average)	5,705	3,851	8,096	7,901	26,368
Percentage of births with early (1st trimester) prenatal care	83.6%	67.0%	75.8%	72.0%	74.9%
Percentage of births with adequate prenatal care (APNCU)^	78.3%	70.1%	74.3%	71.5%	73.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.3%	12.8%	8.7%	9.1%	9.1%
Percentage of low birthweight births (< 2.5 kg)	6.1%	12.9%	9.5%	7.5%	8.7%
Teen pregnancies per 1,000 females aged under 18 years	0.9	6.4	1.3	6.1	4.6
Pregnancies per 1,000 females aged 15-44 years	64.8	85.0	71.6	80.7	85.2
Fertility per 1,000 females aged 15-44 years	54.1	44.2	61.2	59.0	57.2
Infant mortality per 1,000 live births	2.8	8.1	1.8	2.6	3.8

Indicator					
Percentage of low-risk births delivered by cesarean section	27.0%	35.3%	27.8%	29.3%	29.1%

Injury-Related Indicators

Indicator					
Motor vehicle-related mortality per 100,000 population, age-adjusted	2.8	3.5	3.2	4.3	3.9
Unintentional injury mortality per 100,000 population, age-adjusted	33.5	21.5	12.1	24.0	24.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	53.7	42.5	30.0	43.3	53.9
Fall hospitalizations per 10,000 population, aged 65 years or older	224.5	86.8	99.2	103.4	167.8
Poisoning hospitalizations per 10,000 population, age-adjusted	5.8	6.3	2.4	4.6	6.0
Suicide mortality per 100,000 population, age-adjusted	8.5	4.0	5.7	4.8	6.3
Opioid burden per 100,000 population	206.4	147.6	21.0	108.0	135.5

Respiratory Disease Indicators

Indicator					
Asthma hospitalizations per 10,000 population, age-adjusted	3.2	11.0	4.9	8.4	8.0
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.9	18.9	12.3	16.7	16.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	21.4	14.7	8.1	9.4	15.5
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	11.8	22.6	8.6	14.1	16.6
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	48%	33%	49%	35%	44%

Heart Disease and Stroke Indicators

Indicator					
Diseases of the heart mortality per 100,000 population, age-adjusted	202.1	219.1	110.5	137.0	182.5
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	66.9	84.8	48.2	51.8	77.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	18.0	25.1	16.6	18.1	20.7
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	12.8	23.0	14.0	14.5	19.6
Coronary heart disease mortality per 100,000 population, age-adjusted	180.9	197.5	101.5	123.2	164.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	20.0	19.6	20.5	16.0	25.6
Congestive heart failure mortality per 100,000 population, age-adjusted	6.2	6.3	2.1	3.2	5.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	40.9	51.0	18.4	20.1	36.4

Diabetes Indicators

Indicator					
Diabetes mortality per 100,000 population, age-adjusted	11.8	27.8	14.4	13.8	17.1
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	10.3	27.2	7.0	16.4	16.7
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	143.5	262.1	145.1	181.8	215.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.0	11.2	1.8	5.5	5.8

Cancer Indicators

Indicator					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	58.0	35.2	47.5	22.1	43.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.0	14.7	7.0	8.1	10.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	41.4	37.9	31.6	29.4	36.7
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	19.9	22.3	10.3	11.3	16.7

Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	46.7	53.5	33.0	27.3	40.6
Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.8	2.8	1.8	1.8	1.8
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.4	10.2	10.5	10.5	9.8
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	40%	35%	32%	32%	37%

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Rensselaer County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	133,827	12,210	4,699	8,344	159,452
Percentage of population (2018)	83.9%	7.7%	2.9%	5.2%	100.0%
Percentage of population aged 65 years or older (2018)	19.2%	7.5%	6.0%	4.1%	17.1%
Median annual household income in US dollars (2017-2021)~	79,080	42,726	91,458	66,583	76,731
Percentage of families below poverty (2017-2021)~	5.1%	32.8%	11.9%*	15.6%	7.5%
Percentage of children under age 18 below poverty (2017-2021)~	8.9%	41.4%	23.9%	31.7%	16.1%
Percentage unemployed among the civilian labor force (2017-2021)~	4.6%	12.4%	2.2%*	8.6%	5.4%
Percentage of population with no health insurance (2017-2021)~	3.1%	5.1%	3.7%	6.6%	3.4%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	34.6%	17.7%	70.0%	31.2%	34.3%
Percentage of population in single parent families (2017-2021)~	14.0%	56.5%	5.6%	37.6%	17.5%
Percentage of population with a disability (2017-2021)~	14.6%	20.2%	3.2%*	11.8%	14.4%
Percentage of population who speak English less than very well (2017-2021)~	1.1%	1.1%	32.9%	9.8%	0.9%
Percentage of high school students who dropped out (2021-2022)	4.3%	7.6%	s	8.2%	5.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.0	94.5	4.6	37.2	20.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	744.5	973.0	296.0	687.6	758.8
Percentage of premature deaths (< 75 years)	41.4%	70.0%	47.6%	66.7%	43.6%
Years of potential life lost per 100,000 population, age-adjusted	6,130.3	11,453.1	1,838.3	6,325.0	6,703.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	95.7	257.9	21.1	120.3	106.8
Birth-Related Indicators					
Number of births per year (3 year average)	1,158	189	69	126	1,591
Percentage of births with early (1st trimester) prenatal care	82.6%	69.7%	74.3%	69.3%	79.4%
Percentage of births with adequate prenatal care (APNCU)^	84.4%	78.1%	76.7%	77.6%	82.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.4%	16.0%	7.2%	10.4%	10.2%
Percentage of low birthweight births (< 2.5 kg)	7.3%	16.2%	8.7%	8.8%	8.6%
Teen pregnancies per 1,000 females aged under 18 years	2.7	12.9	5.5*	9.9	4.8
Pregnancies per 1,000 females aged 15-44 years	60.8	124.4	58.9	84.2	71.3
Fertility per 1,000 females aged 15-44 years	48.1	63.7	54.0	57.9	52.1
Infant mortality per 1,000 live births	3.2	17.6	4.8*	13.3*	6.1

Percentage of low-risk births delivered by cesarean section	24.6%	29.8%	28.1%	20.8%	25.3%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.4	10.2*	0.0*	17.2*	5.5
Unintentional injury mortality per 100,000 population, age-adjusted	25.3	32.0	0.0*	69.4*	26.6
Unintentional injury hospitalizations per 10,000 population, age-adjusted	63.1	73.8	12.1	34.7	65.6
Fall hospitalizations per 10,000 population, aged 65 years or older	208.4	168.1	s	87.5*	212.1
Poisoning hospitalizations per 10,000 population, age-adjusted	11.6	23.1	s	8.2	12.5
Suicide mortality per 100,000 population, age-adjusted	12.4	9.3*	0.0*	9.1*	11.8
Opioid burden per 100,000 population	288.9	543.3	s	179.8	312.5

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.0	10.2	s	5.6	3.9
Asthma hospitalizations per 10,000 population, aged 0-17 years	6.6	15.1	s	s	8.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	46.9	38.1*	0.0*	26.9*	46.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.5	25.8	s	17.0	14.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	53%	43%	48%	40%	52%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	171.8	223.5	76.0*	163.8	174.5
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	74.0	121.6	15.3	54.4	77.7
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	25.9	27.9*	0.0*	0.0*	25.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.5	35.2	12.9	12.2	21.2
Coronary heart disease mortality per 100,000 population, age-adjusted	105.4	135.5	41.1*	81.9*	105.7
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	17.3	14.0	s	14.5	17.8
Congestive heart failure mortality per 100,000 population, age-adjusted	16.0	22.8*	0.0*	17.4*	16.7
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	37.0	61.8	s	20.8	37.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	19.2	52.4	16.4*	27.1*	20.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	14.1	56.0	s	18.1	17.4
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	179.2	463.9	68.7	219.0	198.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.8	33.1	0.0*	6.9	7.8

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	82.8	81.1	84.1*	s	81.4
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.8	s	s	s	10.3
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	34.5	46.0	s	75.9	36.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	21.8	s	0.0*	s	21.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	33.9	48.9*	s	s	34.5

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.5	s	0.0*	0.0*	5.2
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	44%	33%	36%	31%	43%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Richmond County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	291,505	46,997	49,206	87,899	476,531
Percentage of population (2018)	61.2%	9.9%	10.3%	18.4%	100.0%
Percentage of population aged 65 years or older (2018)	20.3%	10.4%	14.1%	7.4%	16.3%
Median annual household income in US dollars (2017-2021)~	98,714	57,517	87,751	72,303	89,427
Percentage of families below poverty (2017-2021)~	4.7%	22.7%	7.9%	14.4%	8.0%
Percentage of children under age 18 below poverty (2017-2021)~	8.2%	28.5%	14.6%	19.1%	13.7%
Percentage unemployed among the civilian labor force (2017-2021)~	4.9%	7.2%	5.3%	6.5%	5.5%
Percentage of population with no health insurance (2017-2021)~	2.6%	4.0%	5.3%	8.6%	4.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	38.3%	28.2%	38.2%	22.1%	34.9%
Percentage of population in single parent families (2017-2021)~	7.3%	32.1%	11.3%	25.2%	12.6%
Percentage of population with a disability (2017-2021)~	11.2%	10.8%	6.0%	8.1%	10.0%
Percentage of population who speak English less than very well (2017-2021)~	7.9%	1.9%	45.3%	17.2%	5.7%
Percentage of high school students who dropped out (2021-2022)	3.1%	14.8%	1.9%	11.4%	6.9%
Arrests per 1,000 population aged 18 years or older (2019-2021)	8.8	68.1	6.0	24.7	16.8
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	716.3	859.4	435.9	628.0	720.4
Percentage of premature deaths (< 75 years)	37.7%	66.5%	43.6%	58.6%	43.0%
Years of potential life lost per 100,000 population, age-adjusted	5,588.6	9,605.8	2,692.4	5,615.3	6,014.9
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	98.7	233.0	45.8	124.2	114.4
Birth-Related Indicators					
Number of births per year (3 year average)	2,527	563	590	1,182	5,053
Percentage of births with early (1st trimester) prenatal care	90.2%	80.2%	87.0%	84.1%	87.0%
Percentage of births with adequate prenatal care (APNCU)^	80.8%	74.7%	82.4%	79.1%	79.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.4%	14.4%	8.4%	11.1%	9.2%
Percentage of low birthweight births (< 2.5 kg)	6.4%	13.0%	6.9%	8.9%	7.8%
Teen pregnancies per 1,000 females aged under 18 years	0.9	8.5	0.6*	5.7	3.4
Pregnancies per 1,000 females aged 15-44 years	59.9	97.5	61.3	78.4	73.4
Fertility per 1,000 females aged 15-44 years	50.1	53.9	59.3	59.2	55.6
Infant mortality per 1,000 live births	2.5	5.3*	2.8*	3.4	3.6

Percentage of low-risk births delivered by cesarean section	27.5%	26.0%	22.2%	23.8%	25.6%

Motor vehicle-related mortality per 100,000 population, age-adjusted	2.7	6.7*	1.3*	6.0	3.7
Unintentional injury mortality per 100,000 population, age-adjusted	43.0	40.5	9.1	28.3	37.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	77.6	78.6	30.1	67.5	78.8
Fall hospitalizations per 10,000 population, aged 65 years or older	263.5	132.2	80.2	169.8	240.7
Poisoning hospitalizations per 10,000 population, age-adjusted	9.2	11.9	2.1	7.3	9.1
Suicide mortality per 100,000 population, age-adjusted	8.0	3.3*	6.2	2.3*	6.6
Opioid burden per 100,000 population	388.0	300.7	17.6	242.3	329.9

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.7	25.8	3.0	13.5	8.1
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.4	45.5	3.5	14.7	13.0
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	28.0	24.1	3.4*	11.4	25.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	16.2	49.1	6.5	25.8	21.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	47%	32%	48%	39%	46%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	244.1	277.3	139.5	197.0	243.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	83.8	120.5	37.2	66.2	87.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	15.0	18.3	17.6	18.7	16.1
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.3	37.1	11.7	21.5	22.0
Coronary heart disease mortality per 100,000 population, age-adjusted	223.6	262.3	129.4	186.9	224.8
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	25.2	30.3	14.1	20.8	26.8
Congestive heart failure mortality per 100,000 population, age-adjusted	4.5	3.4*	1.4*	2.8*	4.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	41.4	64.8	14.0	21.5	39.2

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	20.7	39.8	11.7	32.9	24.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	14.3	45.4	5.7	24.5	18.9
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	193.2	402.6	123.6	271.8	228.6
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.6	20.5	1.6	8.0	6.1

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	70.7	55.9	54.6	41.4	65.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	14.2	16.6	4.1*	11.2	13.5
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	41.5	42.1	39.2	42.1	41.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.9	14.5	10.1	17.7	17.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	46.1	47.1	38.0	31.8	43.2

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.7	s	s	0.0*	1.5
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.4	13.8*	7.9*	9.3	7.6
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	41%	33%	33%	34%	40%

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Rockland County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	208,535	37,813	20,769	57,958	325,656
Percentage of population (2018)	64.0%	11.6%	6.4%	17.8%	100.0%
Percentage of population aged 65 years or older (2018)	18.2%	14.3%	18.2%	6.9%	15.7%
Median annual household income in US dollars (2017-2021)~	102,626	96,224	150,650	74,871	99,707
Percentage of families below poverty (2017-2021)~	10.7%	6.8%	2.0%*	13.6%	10.1%
Percentage of children under age 18 below poverty (2017-2021)~	31.7%	8.6%	2.2%	23.2%	26.2%
Percentage unemployed among the civilian labor force (2017-2021)~	5.7%	6.2%	3.8%	7.0%	6.0%
Percentage of population with no health insurance (2017-2021)~	2.4%	5.8%	3.8%	9.9%	4.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	46.4%	31.7%	64.9%	24.1%	42.0%
Percentage of population in single parent families (2017-2021)~	5.1%	21.8%	3.8%	23.4%	9.7%
Percentage of population with a disability (2017-2021)~	9.0%	10.9%	9.0%	6.4%	8.7%
Percentage of population who speak English less than very well (2017-2021)~	14.1%	19.0%	25.5%	32.8%	8.0%
Percentage of high school students who dropped out (2021-2022)	1.5%	5.6%	0.8%	20.6%	8.7%
Arrests per 1,000 population aged 18 years or older (2019-2021)	5.4	26.7	2.3	22.2	10.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	641.4	609.0	320.8	584.2	637.0
Percentage of premature deaths (< 75 years)	31.9%	49.6%	45.4%	58.3%	36.7%
Years of potential life lost per 100,000 population, age-adjusted	4,776.9	5,360.4	2,543.4	5,627.0	5,039.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	73.0	136.1	42.2	97.9	86.4
Birth-Related Indicators					
Number of births per year (3 year average)	4,030	339	191	1,067	5,718
Percentage of births with early (1st trimester) prenatal care	77.5%	66.2%	81.1%	65.6%	74.5%
Percentage of births with adequate prenatal care (APNCU)^	78.4%	68.3%	79.9%	70.8%	76.2%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	5.0%	11.2%	10.1%	8.8%	6.3%
Percentage of low birthweight births (< 2.5 kg)	4.5%	11.5%	10.5%	6.8%	5.6%
Teen pregnancies per 1,000 females aged under 18 years	0.3	1.6*	0.0*	6.6	1.6
Pregnancies per 1,000 females aged 15-44 years	124.4	54.8	42.2	93.5	106.0
Fertility per 1,000 females aged 15-44 years	119.0	43.4	48.1	85.4	98.2
Infant mortality per 1,000 live births	2.4	4.9*	0.0*	3.7	2.8

Percentage of low-risk births delivered by cesarean section	12.5%	37.1%	28.4%	23.2%	17.2%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	4.2	6.9*	1.8*	6.1*	4.5
Unintentional injury mortality per 100,000 population, age-adjusted	40.0	23.6	9.0*	33.6	35.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	70.0	66.4	26.4	60.7	72.1
Fall hospitalizations per 10,000 population, aged 65 years or older	196.9	87.0	62.6	112.0	178.9
Poisoning hospitalizations per 10,000 population, age-adjusted	5.3	3.0	1.9	3.2	4.8
Suicide mortality per 100,000 population, age-adjusted	7.7	0.8*	5.6*	5.0*	6.4
Opioid burden per 100,000 population	246.2	89.0	33.7	158.7	208.6
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.8	8.4	3.0	5.8	4.1
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.7	14.4	4.9*	4.8	6.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	28.0	20.1	7.9*	13.0	25.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	10.2	15.9	5.6	14.3	12.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	56%	35%	55%	44%	54%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	150.1	149.7	67.7	119.4	147.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	47.3	68.0	29.2	48.2	56.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	20.5	24.9	19.5	19.0	22.1
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	12.6	22.9	9.3	17.6	19.2
Coronary heart disease mortality per 100,000 population, age-adjusted	110.3	116.9	58.6	99.6	110.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	14.2	14.7	12.9	15.0	16.5
Congestive heart failure mortality per 100,000 population, age-adjusted	15.2	9.3	0.0*	4.2*	13.6
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	23.9	40.4	13.8	13.3	25.0
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	10.4	23.5	9.5*	14.2	13.1
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	7.8	24.5	5.3	15.1	11.8
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	124.3	269.6	105.7	205.5	170.1
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	2.6	13.8	s	5.6	4.8
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	55.0	30.3	25.3	29.8	48.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	10.9	12.4	0.0*	7.4*	10.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.7	32.3	23.6	35.3	36.3
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.3	15.6	s	10.6*	16.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	39.0	45.4	40.7	36.6	40.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.3	s	s	14.1	7.0
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	40%	43%	41%	45%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Saratoga County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	209,629	4,885	7,428	7,757	230,127
Percentage of population (2018)	91.1%	2.1%	3.2%	3.4%	100.0%
Percentage of population aged 65 years or older (2018)	19.2%	7.6%	7.5%	5.8%	18.1%
Median annual household income in US dollars (2017-2021)~	90,425	71,025	129,398	74,271	90,800
Percentage of families below poverty (2017-2021)~	3.6%	9.0%*	5.6%*	7.2%*	3.9%
Percentage of children under age 18 below poverty (2017-2021)~	6.2%	38.8%	1.1%	15.1%	7.0%
Percentage unemployed among the civilian labor force (2017-2021)~	3.4%	5.7%*	3.0%*	7.9%*	3.6%
Percentage of population with no health insurance (2017-2021)~	2.6%	4.4%*	0.8%*	6.1%	2.7%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	42.1%	42.7%	76.5%	33.1%	42.7%
Percentage of population in single parent families (2017-2021)~	10.0%	18.6%	11.0%	22.6%	10.8%
Percentage of population with a disability (2017-2021)~	11.7%	14.1%	1.7%*	10.4%	11.3%
Percentage of population who speak English less than very well (2017-2021)~	0.6%	4.7%	24.8%	13.4%	0.6%
Percentage of high school students who dropped out (2021-2022)	4.9%	3.4%	1.9%	12.8%	5.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	13.0	65.6	3.4	20.7	16.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	661.0	583.5	250.1	386.5	650.4
Percentage of premature deaths (< 75 years)	39.8%	55.9%	47.2%	55.1%	40.1%
Years of potential life lost per 100,000 population, age-adjusted	5,131.7	4,889.5	1,573.3	2,588.6	4,937.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	86.4	135.4	13.5	21.1	85.7
Birth-Related Indicators					
Number of births per year (3 year average)	1,755	39	99	82	2,015
Percentage of births with early (1st trimester) prenatal care	79.7%	66.1%	74.8%	71.8%	78.7%
Percentage of births with adequate prenatal care (APNCU)^	86.7%	78.1%	85.9%	84.0%	86.4%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.3%	13.7%	4.4%	7.5%	8.1%
Percentage of low birthweight births (< 2.5 kg)	6.4%	11.1%	5.7%	8.7%	6.5%
Teen pregnancies per 1,000 females aged under 18 years	1.2	2.2*	0.0*	2.2*	1.3
Pregnancies per 1,000 females aged 15-44 years	57.9	53.1	55.4	54.0	59.4
Fertility per 1,000 females aged 15-44 years	48.4	38.8	52.9	45.7	49.1
Infant mortality per 1,000 live births	3.8	8.5*	0.0*	4.1*	3.6

Indicator					
Percentage of low-risk births delivered by cesarean section	25.8%	41.2%	30.2%	32.2%	26.6%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	6.5	11.4*	0.0*	0.0*	6.5
Unintentional injury mortality per 100,000 population, age-adjusted	19.6	36.0*	0.0*	20.0*	19.4
Unintentional injury hospitalizations per 10,000 population, age-adjusted	57.0	57.1	11.5	16.6	59.0
Fall hospitalizations per 10,000 population, aged 65 years or older	193.2	152.7	54.0*	51.6*	197.1
Poisoning hospitalizations per 10,000 population, age-adjusted	8.3	7.9	s	4.7	8.8
Suicide mortality per 100,000 population, age-adjusted	10.6	15.8*	3.4*	0.0*	10.2
Opioid burden per 100,000 population	149.3	109.2	0.0*	60.2	145.7

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.5	5.7*	s	s	2.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.7	s	s	s	4.1
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	40.4	0.0*	14.3*	0.0*	39.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	13.8	17.0	s	4.3*	14.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	56%	42%	51%	45%	55%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	145.2	132.4	64.8*	99.0	143.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	64.6	79.4	15.6	14.3	66.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	26.8	34.5*	6.8*	37.2*	26.7
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.9	18.0	10.7	8.3	19.3
Coronary heart disease mortality per 100,000 population, age-adjusted	88.1	116.7	48.2*	66.0*	87.5
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	17.9	18.3	7.4	7.1	18.6
Congestive heart failure mortality per 100,000 population, age-adjusted	11.3	0.0*	0.0*	15.7*	11.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	31.0	27.4	s	s	30.1

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	16.9	21.3*	18.2*	13.3*	17.1
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	10.2	27.3	3.3*	5.2	10.5
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	138.3	245.5	50.0	49.0	143.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.4	15.1	s	s	4.4

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	68.7	s	s	s	66.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.7	s	s	s	13.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	40.0	s	s	s	39.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.6	s	0.0*	0.0*	17.4
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	44.3	s	54.5*	s	44.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.7	0.0*	0.0*	0.0*	5.2
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	50%	38%	37%	34%	50%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Schenectady County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	115,893	18,744	8,373	11,488	155,334
Percentage of population (2018)	74.6%	12.1%	5.4%	7.4%	100.0%
Percentage of population aged 65 years or older (2018)	20.6%	6.8%	8.8%	5.5%	17.1%
Median annual household income in US dollars (2017-2021)~	77,343	40,101	74,432	41,147	69,891
Percentage of families below poverty (2017-2021)~	4.9%	32.2%	4.6%*	22.8%	8.2%
Percentage of children under age 18 below poverty (2017-2021)~	7.5%	38.9%	9.3%	38.5%	16.5%
Percentage unemployed among the civilian labor force (2017-2021)~	6.0%	11.7%	6.4%	11.7%	6.9%
Percentage of population with no health insurance (2017-2021)~	3.0%	6.6%	6.8%	6.1%	3.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	36.2%	16.2%	44.2%	22.6%	33.3%
Percentage of population in single parent families (2017-2021)~	12.9%	36.5%	3.6%	42.1%	15.7%
Percentage of population with a disability (2017-2021)~	13.1%	11.0%	7.1%	12.0%	12.7%
Percentage of population who speak English less than very well (2017-2021)~	1.0%	1.6%	20.4%	14.0%	1.0%
Percentage of high school students who dropped out (2021-2022)	4.2%	9.4%	4.3%	15.4%	6.5%
Arrests per 1,000 population aged 18 years or older (2019-2021)	18.5	70.7	3.3	33.0	24.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	722.9	889.1	536.3	707.2	753.7
Percentage of premature deaths (< 75 years)	34.0%	74.0%	63.4%	68.5%	39.3%
Years of potential life lost per 100,000 population, age-adjusted	6,039.3	10,116.6	5,318.0	7,639.7	6,942.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	100.2	213.5	83.9	93.5	115.0
Birth-Related Indicators					
Number of births per year (3 year average)	1,005	262	101	148	1,739
Percentage of births with early (1st trimester) prenatal care	82.2%	65.3%	75.3%	69.6%	76.0%
Percentage of births with adequate prenatal care (APNCU)^	84.8%	73.4%	78.0%	75.9%	81.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.2%	13.6%	6.0%	13.9%	10.3%
Percentage of low birthweight births (< 2.5 kg)	7.1%	14.4%	5.6%	12.8%	9.2%
Teen pregnancies per 1,000 females aged under 18 years	3.6	11.1	2.2*	8.9	6.7
Pregnancies per 1,000 females aged 15-44 years	64.2	114.5	64.7	90.4	85.0
Fertility per 1,000 females aged 15-44 years	49.0	62.2	50.6	56.8	58.9
Infant mortality per 1,000 live births	5.6	11.4*	6.6*	11.2*	6.9

Percentage of low-risk births delivered by cesarean section	24.1%	22.8%	27.1%	30.7%	24.2%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.1	13.1*	10.6*	11.1*	7.0
Unintentional injury mortality per 100,000 population, age-adjusted	18.3	25.7	21.8*	21.5*	20.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	62.8	62.5	34.6	30.7	66.5
Fall hospitalizations per 10,000 population, aged 65 years or older	223.0	122.6	139.6	47.8*	219.6
Poisoning hospitalizations per 10,000 population, age-adjusted	12.4	17.2	2.2*	11.3	13.3
Suicide mortality per 100,000 population, age-adjusted	8.7	2.7*	7.6*	4.0*	7.5
Opioid burden per 100,000 population	290.8	227.6	s	185.7	279.6

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.3	10.6	5.6	7.8	5.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.6	8.0	s	9.4	6.9
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	36.2	44.4	0.0*	29.7*	35.9
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	14.0	23.4	8.3	15.7	16.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	54%	37%	43%	33%	53%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	170.8	202.1	107.3	163.8	177.7
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	69.3	95.9	61.7	52.3	75.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.4	35.2	4.7*	35.7*	29.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	23.3	45.0	21.8	20.7	26.7
Coronary heart disease mortality per 100,000 population, age-adjusted	91.9	124.5	85.0	95.7	98.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	19.9	23.2	27.7	17.9	22.6
Congestive heart failure mortality per 100,000 population, age-adjusted	14.0	3.7*	0.0*	14.7*	14.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	44.7	44.8	20.8	19.4	43.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	21.9	55.5	55.3*	23.8*	25.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.8	42.3	10.4	18.4	18.0
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	167.6	382.2	212.7	194.5	204.9
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.9	20.4	s	10.1	8.4

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	71.0	79.0	s	66.7	69.8
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.0	s	0.0*	s	8.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	34.7	25.1	34.9*	29.7*	34.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.6	s	s	s	18.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	38.5	35.1	s	s	38.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.9	s	s	0.0*	7.2
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	36%	26%	22%	44%

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Schoharie County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	29,248	540	273	1,057	31,182
Percentage of population (2018)	93.8%	1.7%	0.9%	3.4%	100.0%
Percentage of population aged 65 years or older (2018)	22.5%	10.9%	13.6%	11.5%	21.9%
Median annual household income in US dollars (2017-2021)~	64,492	87,750	107,344*	57,857*	64,220
Percentage of families below poverty (2017-2021)~	6.7%	0.0%	8.1%*	0.8%*	6.6%
Percentage of children under age 18 below poverty (2017-2021)~	13.2%	0.0%	12.1%	14.4%	14.3%
Percentage unemployed among the civilian labor force (2017-2021)~	5.5%	9.6%*	12.0%*	13.8%*	5.8%
Percentage of population with no health insurance (2017-2021)~	4.1%	1.3%*	8.4%*	2.1%*	4.0%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	22.6%	26.9%	59.2%	30.5%	23.2%
Percentage of population in single parent families (2017-2021)~	15.1%	0.0%	13.5%	6.4%	14.8%
Percentage of population with a disability (2017-2021)~	17.3%	12.3%*	9.8%*	18.3%	17.2%
Percentage of population who speak English less than very well (2017-2021)~	0.6%	1.3%	7.4%	2.3%	0.2%
Percentage of high school students who dropped out (2021-2022)	3.8%	s	s	s	4.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	25.1	798.5	25.9	127.8	13.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	686.2	695.9*	0.0*	480.0	682.0
Percentage of premature deaths (< 75 years)	43.8%	37.5%*	NA	50.0%*	44.1%
Years of potential life lost per 100,000 population, age-adjusted	6,930.6	6,446.3	0.0*	7,716.7	7,020.2
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	81.9	83.4*	s	39.2*	81.7
Birth-Related Indicators					
Number of births per year (3 year average)	236	2	3	11	257
Percentage of births with early (1st trimester) prenatal care	77.9%	s	s	64.5%	76.8%
Percentage of births with adequate prenatal care (APNCU)^	84.0%	s	s	86.7%	83.9%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.4%	s	s	9.4%*	8.5%
Percentage of low birthweight births (< 2.5 kg)	4.8%	s	s	6.3%*	5.1%
Teen pregnancies per 1,000 females aged under 18 years	1.7*	s	s	5.1*	2.1*
Pregnancies per 1,000 females aged 15-44 years	59.7	26.9	45.2*	59.5	60.3
Fertility per 1,000 females aged 15-44 years	48.2	13.4*	45.2*	45.6	48.1
Infant mortality per 1,000 live births	2.8*	s	s	60.6*	5.2*

Percentage of low-risk births delivered by cesarean section	21.9%	s	s	s	22.7%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	14.3	0.0*	0.0*	37.0*	14.6
Unintentional injury mortality per 100,000 population, age-adjusted	28.6	0.0*	0.0*	37.0*	28.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	53.7	s	s	s	54.6
Fall hospitalizations per 10,000 population, aged 65 years or older	138.0	s	0.0*	0.0*	138.2
Poisoning hospitalizations per 10,000 population, age-adjusted	8.5	s	0.0*	s	9.4
Suicide mortality per 100,000 population, age-adjusted	15.6	0.0*	0.0*	0.0*	14.4
Opioid burden per 100,000 population	177.8	s	0.0*	s	173.2

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.6	0.0*	s	0.0*	2.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	6.6	0.0*	0.0*	0.0*	6.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	46.1	150.6*	0.0*	0.0*	46.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	16.0	s	s	s	16.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	51%	NA	46%	59%	51%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	149.3	172.3*	0.0*	119.1*	148.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	62.2	s	s	44.8	64.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.4	0.0*	0.0*	0.0*	29.0
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	16.6	0.0*	0.0*	s	17.7
Coronary heart disease mortality per 100,000 population, age-adjusted	91.7	172.3*	0.0*	119.1*	92.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	23.5	0.0*	s	s	23.9
Congestive heart failure mortality per 100,000 population, age-adjusted	10.6	0.0*	0.0*	0.0*	10.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	23.7	s	0.0*	s	22.8

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	26.9	78.7*	0.0*	72.5*	28.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	14.4	s	0.0*	s	14.8
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	157.6	153.6	s	107.9	162.1
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.6	s	0.0*	0.0*	3.8

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	62.8	0.0*	0.0*	s	61.0
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	16.0	0.0*	0.0*	0.0*	15.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	28.0	0.0*	0.0*	s	27.4
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	15.7	0.0*	0.0*	0.0*	15.1
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	33.6	0.0*	0.0*	s	38.0

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	NA	NA	NA	45%

Key

Symbol	Meaning
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~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Schuyler County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	17,076	253	119	335	17,842
Percentage of population (2018)	95.7%	1.4%	0.7%	1.9%	100.0%
Percentage of population aged 65 years or older (2018)	21.6%	8.3%	13.4%	8.4%	21.2%
Median annual household income in US dollars (2017-2021)~	56,115	NA	NA	83,750	56,437
Percentage of families below poverty (2017-2021)~	10.5%	31.6%*	33.3%*	7.7%*	10.6%
Percentage of children under age 18 below poverty (2017-2021)~	24.9%	59.3%	37.8%	36.0%	25.5%
Percentage unemployed among the civilian labor force (2017-2021)~	5.9%	8.7%*	0.0%	5.4%*	5.7%
Percentage of population with no health insurance (2017-2021)~	4.7%	11.3%*	0.0%	2.3%*	4.6%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	24.2%	5.3%*	15.3%*	28.1%*	24.3%
Percentage of population in single parent families (2017-2021)~	12.2%	0.0%	0.0%	23.1%	12.1%
Percentage of population with a disability (2017-2021)~	15.5%	28.5%*	7.8%*	30.7%	15.7%
Percentage of population who speak English less than very well (2017-2021)~	0.8%	5.7%	58.3%	17.3%	0.6%
Percentage of high school students who dropped out (2021-2022)	3.1%	s	s	s	2.9%
Arrests per 1,000 population aged 18 years or older (2019-2021)	19.7	85.6	13.9	34.2	16.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	804.5	121.2*	0.0*	145.4*	798.3
Percentage of premature deaths (< 75 years)	39.1%	100.0%*	NA	100.0%*	39.4%
Years of potential life lost per 100,000 population, age-adjusted	6,822.6	1,998.9	0.0*	2,398.6	6,767.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	102.8	s	0.0*	s	106.5
Birth-Related Indicators					
Number of births per year (3 year average)	161	1	1	3	168
Percentage of births with early (1st trimester) prenatal care	73.3%	s	s	s	73.3%
Percentage of births with adequate prenatal care (APNCU)^	78.6%	s	s	s	78.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	5.0%	s	s	s	5.2%
Percentage of low birthweight births (< 2.5 kg)	2.9%	s	s	s	2.8%
Teen pregnancies per 1,000 females aged under 18 years	1.4*	s	s	s	1.3*
Pregnancies per 1,000 females aged 15-44 years	65.3	41.7*	16.3*	39.2	64.2
Fertility per 1,000 females aged 15-44 years	59.5	23.8*	16.3*	29.4*	57.8
Infant mortality per 1,000 live births	4.1*	s	s	s	4.0*

Percentage of low-risk births delivered by cesarean section	26.4%	NA	s	s	25.6%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	2.4*	0.0*	0.0*	0.0*	4.4*
Unintentional injury mortality per 100,000 population, age-adjusted	40.0	0.0*	0.0*	0.0*	40.1
Unintentional injury hospitalizations per 10,000 population, age-adjusted	48.4	s	0.0*	s	57.5
Fall hospitalizations per 10,000 population, aged 65 years or older	124.5	s	0.0*	s	151.9
Poisoning hospitalizations per 10,000 population, age-adjusted	6.8	0.0*	0.0*	0.0*	9.3
Suicide mortality per 100,000 population, age-adjusted	18.8	0.0*	0.0*	0.0*	17.9
Opioid burden per 100,000 population	140.5	s	0.0*	0.0*	160.7

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	s	0.0*	0.0*	0.0*	1.4*
Asthma hospitalizations per 10,000 population, aged 0-17 years	0.0*	0.0*	0.0*	0.0*	s
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	61.0	0.0*	0.0*	0.0*	59.9
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	8.1	0.0*	0.0*	0.0*	12.4
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	47%	NA	NA	NA	47%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	167.5	0.0*	0.0*	0.0*	166.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	55.4	s	0.0*	0.0*	64.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	33.0	0.0*	0.0*	0.0*	32.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.9	0.0*	0.0*	0.0*	18.0
Coronary heart disease mortality per 100,000 population, age-adjusted	132.0	0.0*	0.0*	0.0*	131.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	13.6	0.0*	0.0*	0.0*	17.4
Congestive heart failure mortality per 100,000 population, age-adjusted	12.1	0.0*	0.0*	0.0*	11.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	29.1	s	0.0*	0.0*	30.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	38.6	0.0*	0.0*	145.4*	38.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	11.0	0.0*	0.0*	s	12.3
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	144.9	128.9*	0.0*	205.0	179.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	9.1	0.0*	0.0*	0.0*	10.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	82.0	0.0*	0.0*	0.0*	80.2
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	15.5	0.0*	0.0*	0.0*	15.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	48.1	0.0*	0.0*	0.0*	46.7
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	14.4*	0.0*	0.0*	0.0*	14.1*
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	32.5	0.0*	0.0*	0.0*	31.7

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	49%	NA	NA	NA	49%

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
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Seneca County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	30,727	1,867	298	1,232	34,277
Percentage of population (2018)	89.6%	5.4%	0.9%	3.6%	100.0%
Percentage of population aged 65 years or older (2018)	20.7%	4.0%	13.4%	5.0%	19.1%
Median annual household income in US dollars (2017-2021)~	60,429	41,429*	54,485	NA	59,086
Percentage of families below poverty (2017-2021)~	5.5%	18.7%*	12.3%*	0.0%	5.8%
Percentage of children under age 18 below poverty (2017-2021)~	11.7%	12.3%	34.8%	0.0%	11.0%
Percentage unemployed among the civilian labor force (2017-2021)~	3.5%	6.2%*	1.3%*	7.1%*	3.7%
Percentage of population with no health insurance (2017-2021)~	9.1%	5.7%*	1.5%*	9.2%*	8.9%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	22.6%	2.0%*	65.0%	18.3%	21.5%
Percentage of population in single parent families (2017-2021)~	13.1%	71.5%	15.1%	2.3%	13.6%
Percentage of population with a disability (2017-2021)~	16.9%	14.4%*	10.8%*	17.2%*	16.8%
Percentage of population who speak English less than very well (2017-2021)~	1.8%	2.6%	34.8%	17.0%	0.8%
Percentage of high school students who dropped out (2021-2022)	6.9%	0.0%	s	0.0%	6.4%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.6	46.4	6.7	32.8	21.4
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	811.0	1,021.5	412.2*	671.9	805.6
Percentage of premature deaths (< 75 years)	42.3%	65.0%	20.0%*	84.6%	43.1%
Years of potential life lost per 100,000 population, age-adjusted	8,142.8	9,999.3	1,547.5	10,773.7	8,165.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	115.8	313.6	s	203.8	119.7
Birth-Related Indicators					
Number of births per year (3 year average)	343	4	3	14	374
Percentage of births with early (1st trimester) prenatal care	61.0%	s	s	52.6%	60.9%
Percentage of births with adequate prenatal care (APNCU)^	66.2%	s	s	58.3%	65.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.4%	s	s	10.3%*	8.4%
Percentage of low birthweight births (< 2.5 kg)	6.3%	s	s	15.4%*	6.8%
Teen pregnancies per 1,000 females aged under 18 years	2.4	0.0*	s	0.0*	2.4
Pregnancies per 1,000 females aged 15-44 years	73.7	42.7	27.8*	92.5	75.6
Fertility per 1,000 females aged 15-44 years	67.5	27.8	31.7*	80.9	67.9
Infant mortality per 1,000 live births	5.8*	s	s	47.6*	7.1*

Percentage of low-risk births delivered by cesarean section	18.1%	s	s	s	17.8%

Motor vehicle-related mortality per 100,000 population, age-adjusted	5.5*	82.3*	0.0*	0.0*	8.4*
Unintentional injury mortality per 100,000 population, age-adjusted	51.4	91.7*	0.0*	0.0*	51.3
Unintentional injury hospitalizations per 10,000 population, age-adjusted	77.1	85.2	126.2	47.0	78.8
Fall hospitalizations per 10,000 population, aged 65 years or older	219.2	s	500.0*	s	220.6
Poisoning hospitalizations per 10,000 population, age-adjusted	11.1	s	0.0*	s	10.7
Suicide mortality per 100,000 population, age-adjusted	13.3	0.0*	0.0*	0.0*	12.3
Opioid burden per 100,000 population	141.0	s	0.0*	s	137.1

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.7	s	0.0*	0.0*	1.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	s	0.0*	0.0*	3.4*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	48.3	93.4*	0.0*	99.6*	48.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	22.5	121.8	0.0*	s	23.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	49%	31%	NA	34%	48%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	154.7	151.9*	0.0*	137.1*	153.9
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	71.4	79.5	s	65.0	74.0
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	32.1	0.0*	0.0*	0.0*	30.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.4	14.0*	s	s	18.3
Coronary heart disease mortality per 100,000 population, age-adjusted	92.9	151.9*	0.0*	137.1*	94.0
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	17.8	s	s	s	19.2
Congestive heart failure mortality per 100,000 population, age-adjusted	21.5	0.0*	0.0*	0.0*	21.5
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	36.4	12.6*	0.0*	21.4*	34.9

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	23.8	27.7*	64.6*	0.0*	23.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	14.7	52.4	0.0*	51.6	16.3
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	185.6	239.0	144.3	264.6	193.7
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	5.2	s	0.0*	25.0*	6.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	70.9	s	0.0*	s	69.4
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.0	s	0.0*	0.0*	13.5
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	42.6	s	0.0*	0.0*	40.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	16.8	0.0*	0.0*	0.0*	16.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	35.5	s	0.0*	0.0*	37.5

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	s	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	NA	NA	NA	47%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

St. Lawrence County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	100,690	2,828	1,303	2,583	108,534
Percentage of population (2018)	92.8%	2.6%	1.2%	2.4%	100.0%
Percentage of population aged 65 years or older (2018)	18.4%	2.9%	10.4%	4.9%	17.5%
Median annual household income in US dollars (2017-2021)~	54,472	81,875*	35,893*	58,125	54,351
Percentage of families below poverty (2017-2021)~	11.2%	5.0%*	28.1%*	10.1%*	11.4%
Percentage of children under age 18 below poverty (2017-2021)~	26.0%	25.4%	0.9%	29.2%	26.2%
Percentage unemployed among the civilian labor force (2017-2021)~	6.2%	7.3%*	12.2%*	7.4%*	6.3%
Percentage of population with no health insurance (2017-2021)~	5.7%	11.0%*	4.3%*	2.5%*	5.6%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	23.7%	5.5%*	55.1%	25.6%	23.6%
Percentage of population in single parent families (2017-2021)~	15.6%	40.0%	0.0%	24.4%	15.5%
Percentage of population with a disability (2017-2021)~	16.3%	10.9%	10.1%	11.9%	16.0%
Percentage of population who speak English less than very well (2017-2021)~	2.0%	1.9%	35.5%	11.1%	0.9%
Percentage of high school students who dropped out (2021-2022)	6.6%	16.7%	0.0%	12.5%	7.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	14.7	40.8	2.8	16.7	19.9
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	774.4	551.9	377.9	229.5*	764.3
Percentage of premature deaths (< 75 years)	42.6%	94.4%	33.3%*	42.9%*	43.1%
Years of potential life lost per 100,000 population, age-adjusted	6,791.2	8,525.7	1,677.3	910.9	6,569.8
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	140.4	164.2	s	36.6	141.0
Birth-Related Indicators					
Number of births per year (3 year average)	918	5	11	79	1,036
Percentage of births with early (1st trimester) prenatal care	77.7%	s	87.9%	33.6%	75.7%
Percentage of births with adequate prenatal care (APNCU)^	77.8%	s	83.9%	59.3%	77.3%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.8%	s	9.1%*	0.0%*	8.7%
Percentage of low birthweight births (< 2.5 kg)	7.6%	s	9.1%*	0.8%*	7.2%
Teen pregnancies per 1,000 females aged under 18 years	2.5	4.8*	0.0*	3.0*	2.6
Pregnancies per 1,000 females aged 15-44 years	55.6	23.4	30.2	153.7	58.0
Fertility per 1,000 females aged 15-44 years	49.6	13.0	29.3	145.7	51.6
Infant mortality per 1,000 live births	5.8	s	0.0*	0.0*	5.5

Percentage of low-risk births delivered by cesarean section	28.2%	s	s	s	29.2%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	9.9	0.0*	0.0*	0.0*	9.4
Unintentional injury mortality per 100,000 population, age-adjusted	34.1	28.5*	34.3*	0.0*	33.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	57.7	38.7	s	17.5	58.8
Fall hospitalizations per 10,000 population, aged 65 years or older	154.1	0.0*	0.0*	s	159.3
Poisoning hospitalizations per 10,000 population, age-adjusted	8.3	s	0.0*	s	8.4
Suicide mortality per 100,000 population, age-adjusted	11.4	5.2*	0.0*	0.0*	10.8
Opioid burden per 100,000 population	152.0	s	0.0*	s	165.8

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.3	s	0.0*	0.0*	3.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.4	0.0*	0.0*	0.0*	4.9
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	49.8	0.0*	30.2*	0.0*	49.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	26.4	25.2	0.0*	s	27.7
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	48%	33%	61%	33%	48%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	184.0	54.3*	95.0*	109.5*	181.7
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	89.0	65.2	s	21.3*	91.8
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.2	0.0*	32.5*	0.0*	27.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.6	48.1	s	s	18.4
Coronary heart disease mortality per 100,000 population, age-adjusted	138.4	41.5*	64.8*	65.5*	136.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	31.2	s	0.0*	s	31.4
Congestive heart failure mortality per 100,000 population, age-adjusted	15.6	0.0*	0.0*	0.0*	15.5
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	41.6	s	s	s	41.4

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	37.6	0.0*	32.5*	0.0*	37.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	17.7	s	0.0*	13.2*	18.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	211.3	177.6	30.8	93.8	219.1
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.7	s	0.0*	s	7.7

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	75.0	s	s	s	73.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	15.3	0.0*	0.0*	0.0*	14.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	37.7	0.0*	0.0*	0.0*	36.8
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	10.4	0.0*	0.0*	0.0*	10.5
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	34.9	0.0*	0.0*	0.0*	33.6

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.0	0.0*	0.0*	0.0*	8.6
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	51%	NA	40%	NA	51%

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Steuben County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	90,556	1,887	1,543	1,612	95,876
Percentage of population (2018)	94.5%	2.0%	1.6%	1.7%	100.0%
Percentage of population aged 65 years or older (2018)	20.1%	12.0%	10.0%	7.4%	19.6%
Median annual household income in US dollars (2017-2021)~	58,663	33,235*	104,066	63,422	58,652
Percentage of families below poverty (2017-2021)~	7.7%	32.5%*	3.0%*	21.8%*	8.1%
Percentage of children under age 18 below poverty (2017-2021)~	16.3%	51.6%	2.0%	40.6%	17.3%
Percentage unemployed among the civilian labor force (2017-2021)~	5.9%	18.4%*	3.2%*	16.6%	6.3%
Percentage of population with no health insurance (2017-2021)~	5.4%	4.4%*	7.5%*	5.4%*	5.5%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	24.8%	20.6%	72.6%	20.2%	25.5%
Percentage of population in single parent families (2017-2021)~	15.1%	44.7%	2.3%	44.8%	15.6%
Percentage of population with a disability (2017-2021)~	15.6%	26.3%	1.2%*	9.7%	15.4%
Percentage of population who speak English less than very well (2017-2021)~	1.5%	0.9%	23.8%	12.2%	0.7%
Percentage of high school students who dropped out (2021-2022)	4.9%	16.1%	0.0%	21.1%	5.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	22.4	126.0	3.7	45.2	24.5
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	808.8	676.6	422.5	540.0	800.5
Percentage of premature deaths (< 75 years)	41.5%	60.5%	33.3%*	50.0%*	41.7%
Years of potential life lost per 100,000 population, age-adjusted	7,029.1	6,514.7	736.3	4,600.2	6,827.3
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	101.5	117.9	s	111.3	104.1
Birth-Related Indicators					
Number of births per year (3 year average)	907	13	21	44	999
Percentage of births with early (1st trimester) prenatal care	65.6%	70.3%	59.7%	45.3%	64.6%
Percentage of births with adequate prenatal care (APNCU)^	70.5%	74.3%	78.7%	45.2%	69.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.9%	18.4%*	4.8%*	8.7%	8.0%
Percentage of low birthweight births (< 2.5 kg)	7.1%	10.5%*	6.5%*	8.5%	7.2%
Teen pregnancies per 1,000 females aged under 18 years	3.7	2.7*	0.0*	0.0*	3.5
Pregnancies per 1,000 females aged 15-44 years	70.4	62.6	62.4	131.5	72.9
Fertility per 1,000 females aged 15-44 years	60.0	39.0	60.4	118.9	61.6
Infant mortality per 1,000 live births	7.0	0.0*	0.0*	0.0*	6.3

Percentage of low-risk births delivered by cesarean section	24.8%	s	s	s	25.9%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	10.0	0.0*	0.0*	0.0*	9.4
Unintentional injury mortality per 100,000 population, age-adjusted	43.2	57.7*	0.0*	72.8*	42.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	52.9	56.1	25.8*	39.8	56.1
Fall hospitalizations per 10,000 population, aged 65 years or older	145.9	117.5*	129.9*	196.1*	152.7
Poisoning hospitalizations per 10,000 population, age-adjusted	7.4	15.4*	s	s	8.9
Suicide mortality per 100,000 population, age-adjusted	14.7	0.0*	0.0*	0.0*	14.0
Opioid burden per 100,000 population	128.1	282.6	0.0*	124.1*	144.3

Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	2.5	s	0.0*	s	2.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.0	s	0.0*	0.0*	4.5
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	56.0	36.5*	0.0*	0.0*	55.1
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	18.3	15.9	0.0*	23.2*	18.6
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	46%	32%	61%	36%	46%

Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	180.7	193.4	22.7*	139.5*	179.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	60.7	82.7	16.7*	73.2	67.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.2	0.0*	0.0*	0.0*	27.4
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	14.4	15.2*	13.6*	s	16.5
Coronary heart disease mortality per 100,000 population, age-adjusted	126.5	114.3*	22.7*	94.2*	125.1
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	15.2	22.0	s	21.7*	18.3
Congestive heart failure mortality per 100,000 population, age-adjusted	16.3	23.4*	0.0*	0.0*	16.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	36.5	32.5	s	s	37.3

Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	21.9	52.7*	0.0*	0.0*	21.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	13.8	39.9	0.0*	19.6*	14.6
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	151.8	224.3	43.8	155.4	164.0
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.0	15.0*	0.0*	s	7.1

Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	67.6	112.2*	s	0.0*	67.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	17.5	s	0.0*	0.0*	17.5
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	41.9	s	s	s	42.0
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	15.4	0.0*	s	0.0*	15.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	44.1	s	0.0*	s	44.5

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	3.3*	s	0.0*	0.0*	3.5*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	9.9	0.0*	0.0*	0.0*	9.4
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	36%	64%	NA	46%

Key

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Suffolk County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	1,008,406	115,938	64,103	290,225	1,482,275
Percentage of population (2018)	68.0%	7.8%	4.3%	19.6%	100.0%
Percentage of population aged 65 years or older (2018)	21.0%	10.7%	11.2%	6.5%	16.9%
Median annual household income in US dollars (2017-2021)~	115,753	89,269	114,732	102,432	111,660
Percentage of families below poverty (2017-2021)~	2.9%	11.4%	4.8%	8.5%	4.4%
Percentage of children under age 18 below poverty (2017-2021)~	4.1%	18.0%	9.1%	13.0%	8.2%
Percentage unemployed among the civilian labor force (2017-2021)~	4.5%	5.9%	4.2%	5.0%	4.8%
Percentage of population with no health insurance (2017-2021)~	2.4%	5.2%	5.6%	9.6%	4.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	42.7%	26.5%	58.7%	19.5%	38.3%
Percentage of population in single parent families (2017-2021)~	7.4%	24.4%	5.4%	18.9%	10.3%
Percentage of population with a disability (2017-2021)~	10.5%	10.6%	5.5%	6.8%	9.5%
Percentage of population who speak English less than very well (2017-2021)~	1.9%	5.3%	26.7%	28.6%	3.7%
Percentage of high school students who dropped out (2021-2022)	1.3%	5.8%	1.9%	12.8%	5.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	7.6	44.4	2.4	18.6	12.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	690.7	816.6	405.9	581.3	691.6
Percentage of premature deaths (< 75 years)	34.9%	56.4%	43.0%	60.1%	38.6%
Years of potential life lost per 100,000 population, age-adjusted	5,555.6	8,104.0	2,671.9	5,247.2	5,761.7
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	105.5	227.4	39.3	131.1	118.2
Birth-Related Indicators					
Number of births per year (3 year average)	7,749	1,171	776	5,012	14,985
Percentage of births with early (1st trimester) prenatal care	87.3%	73.6%	80.8%	74.1%	81.3%
Percentage of births with adequate prenatal care (APNCU)^	79.2%	71.5%	72.3%	71.5%	75.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.1%	15.0%	9.4%	10.1%	10.0%
Percentage of low birthweight births (< 2.5 kg)	6.8%	14.4%	9.3%	7.9%	8.0%
Teen pregnancies per 1,000 females aged under 18 years	0.9	4.5	0.6*	6.2	2.6
Pregnancies per 1,000 females aged 15-44 years	56.3	72.7	53.4	92.8	68.5
Fertility per 1,000 females aged 15-44 years	47.5	45.9	53.2	80.5	56.3
Infant mortality per 1,000 live births	2.2	8.8	1.7*	3.9	3.6

Percentage of low-risk births delivered by cesarean section	38.7%	41.2%	36.6%	31.8%	36.8%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	6.3	10.5	4.1*	11.5	8.0
Unintentional injury mortality per 100,000 population, age-adjusted	55.4	37.0	17.5	37.7	49.7
Unintentional injury hospitalizations per 10,000 population, age-adjusted	84.8	74.3	27.9	72.0	86.6
Fall hospitalizations per 10,000 population, aged 65 years or older	279.9	129.1	80.5	194.2	270.0
Poisoning hospitalizations per 10,000 population, age-adjusted	10.3	11.1	2.8	4.8	9.6
Suicide mortality per 100,000 population, age-adjusted	10.0	3.3	5.1	5.0	8.3
Opioid burden per 100,000 population	344.0	191.5	18.2	133.9	287.4

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.5	12.7	2.0	6.6	5.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.7	20.6	5.1	9.0	8.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	31.5	17.8	4.6*	12.7	29.0
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	15.2	31.0	3.9	16.1	17.1
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	56%	39%	53%	41%	54%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	172.8	199.3	108.0	113.1	170.4
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	88.2	120.8	41.3	82.8	93.6
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	22.8	31.7	18.3	27.9	24.5
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	18.5	32.3	10.7	22.2	21.0
Coronary heart disease mortality per 100,000 population, age-adjusted	131.2	155.2	89.4	87.2	129.6
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	27.6	29.7	17.1	24.5	29.2
Congestive heart failure mortality per 100,000 population, age-adjusted	13.1	16.4	6.9	9.9	13.1
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	44.5	62.5	11.0	24.5	42.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	12.2	35.2	14.2	11.5	14.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	12.8	40.4	4.9	16.8	15.6
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	167.6	385.9	109.7	246.0	198.6
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.1	17.2	0.9	4.8	5.4

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	70.0	47.5	33.4	34.1	64.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.5	11.1	12.9	7.6	11.8
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	41.7	50.9	34.9	33.9	40.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.4	17.6	10.1	12.4	16.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	42.7	48.6	40.5	34.3	41.5

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.4	s	s	s	1.3
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	5.2	6.0	s	8.7	5.8
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	40%	36%	37%	44%

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Sullivan County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	54,626	6,749	1,334	12,361	75,381
Percentage of population (2018)	72.5%	9.0%	1.8%	16.4%	100.0%
Percentage of population aged 65 years or older (2018)	22.7%	11.3%	16.6%	7.5%	19.0%
Median annual household income in US dollars (2017-2021)~	66,008	43,690	77,115	54,819	63,393
Percentage of families below poverty (2017-2021)~	7.2%	38.5%	9.9%*	14.6%	10.1%
Percentage of children under age 18 below poverty (2017-2021)~	21.3%	56.6%	0.0%	18.0%	22.9%
Percentage unemployed among the civilian labor force (2017-2021)~	6.0%	8.9%*	14.7%	16.4%	8.0%
Percentage of population with no health insurance (2017-2021)~	4.0%	2.2%*	2.7%*	13.5%	5.4%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	30.5%	12.0%	41.8%	11.6%	27.0%
Percentage of population in single parent families (2017-2021)~	14.2%	41.3%	0.0%	31.5%	18.3%
Percentage of population with a disability (2017-2021)~	15.6%	16.0%	7.9%	15.7%	15.5%
Percentage of population who speak English less than very well (2017-2021)~	2.0%	2.4%	31.4%	19.5%	2.3%
Percentage of high school students who dropped out (2021-2022)	10.7%	9.2%	s	14.7%	11.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	21.1	65.0	14.0	32.1	26.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	845.5	845.8	335.3	740.6	823.6
Percentage of premature deaths (< 75 years)	48.2%	57.5%	35.7%*	64.0%	49.9%
Years of potential life lost per 100,000 population, age-adjusted	9,706.9	7,434.4	1,207.2	7,054.4	8,800.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	113.0	207.1	57.5	101.0	121.3
Birth-Related Indicators					
Number of births per year (3 year average)	587	51	20	182	866
Percentage of births with early (1st trimester) prenatal care	67.2%	65.6%	55.7%	66.1%	66.2%
Percentage of births with adequate prenatal care (APNCU)^	65.3%	65.1%	68.9%	68.8%	65.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.3%	19.7%	13.1%*	13.3%	10.3%
Percentage of low birthweight births (< 2.5 kg)	7.1%	17.1%	8.2%*	10.1%	8.6%
Teen pregnancies per 1,000 females aged under 18 years	4.2	8.0*	0.0*	8.0	5.9
Pregnancies per 1,000 females aged 15-44 years	84.8	70.0	75.7	97.0	91.3
Fertility per 1,000 females aged 15-44 years	69.3	41.4	81.0	74.7	69.6
Infant mortality per 1,000 live births	3.4*	6.6*	0.0*	1.8*	3.5*

Indicator					
Percentage of low-risk births delivered by cesarean section	34.5%	25.0%	s	30.9%	33.1%
Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	10.7	0.0*	0.0*	22.9*	12.0
Unintentional injury mortality per 100,000 population, age-adjusted	89.9	59.1	0.0*	77.9	81.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	79.0	79.7	25.0	52.4	77.8
Fall hospitalizations per 10,000 population, aged 65 years or older	172.3	135.8	s	118.7	171.9
Poisoning hospitalizations per 10,000 population, age-adjusted	14.0	16.9	s	7.6	13.3
Suicide mortality per 100,000 population, age-adjusted	15.2	4.0*	0.0*	5.2*	12.6
Opioid burden per 100,000 population	485.7	400.1	s	318.2	452.8
Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	4.6	11.9	s	7.9	6.0
Asthma hospitalizations per 10,000 population, aged 0-17 years	10.9	s	s	8.2	11.7
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	52.9	56.4	23.7*	39.1*	51.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	20.4	30.8	s	18.7	21.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	51%	38%	46%	38%	50%
Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	172.1	223.0	73.5*	137.8	171.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	79.4	111.0	44.2	80.3	91.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	22.1	35.4*	23.7*	44.2*	24.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.9	29.8	s	17.8	21.6
Coronary heart disease mortality per 100,000 population, age-adjusted	121.0	159.6	73.5*	123.4	122.5
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	29.2	34.3	16.5	38.2	34.3
Congestive heart failure mortality per 100,000 population, age-adjusted	17.3	6.8*	0.0*	7.6*	16.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	33.9	44.6	27.4*	17.7	33.3
Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	20.8	15.4*	52.2*	20.8*	20.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	16.2	34.0	s	14.9	17.8
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	198.5	374.0	103.6	226.9	225.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	6.7	14.0	s	7.2	8.1
Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	64.2	84.6	s	50.1	62.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.3	s	0.0*	s	11.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	38.2	34.4*	s	33.9*	38.6
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	32.9	s	0.0*	s	29.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	53.1	s	s	54.6*	51.6

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	10.4	s	0.0*	s	9.8
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	39%	28%	36%	31%	39%

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	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Tioga County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	46,325	608	453	1,028	48,515
Percentage of population (2018)	95.5%	1.3%	0.9%	2.1%	100.0%
Percentage of population aged 65 years or older (2018)	20.8%	11.7%	11.3%	7.1%	20.3%
Median annual household income in US dollars (2017-2021)~	65,403	NA	NA	42,500	64,987
Percentage of families below poverty (2017-2021)~	5.5%	0.0%	0.0%	33.5%*	5.8%
Percentage of children under age 18 below poverty (2017-2021)~	9.2%	50.0%	0.0%	37.5%	10.3%
Percentage unemployed among the civilian labor force (2017-2021)~	5.8%	0.4%*	0.0%	16.7%*	5.9%
Percentage of population with no health insurance (2017-2021)~	3.0%	0.0%	0.9%*	6.4%*	3.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	25.7%	10.7%*	54.9%	28.5%*	25.8%
Percentage of population in single parent families (2017-2021)~	12.2%	8.7%	17.5%	53.8%	12.8%
Percentage of population with a disability (2017-2021)~	14.9%	10.8%*	8.3%*	12.2%*	15.1%
Percentage of population who speak English less than very well (2017-2021)~	0.2%	0.7%	39.8%	8.4%	0.3%
Percentage of high school students who dropped out (2021-2022)	6.2%	0.0%	s	11.1%	6.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	12.4	54.8	5.6	17.3	13.0
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	718.0	409.9*	614.9*	419.6*	710.8
Percentage of premature deaths (< 75 years)	39.3%	71.4%*	33.3%*	42.9%*	39.5%
Years of potential life lost per 100,000 population, age-adjusted	6,615.0	3,934.8	780.9	5,150.6	6,459.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	55.7	84.1	s	s	55.7
Birth-Related Indicators					
Number of births per year (3 year average)	421	3	5	12	448
Percentage of births with early (1st trimester) prenatal care	76.7%	s	s	s	76.3%
Percentage of births with adequate prenatal care (APNCU)^	84.0%	s	s	s	83.8%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.6%	s	s	s	8.6%
Percentage of low birthweight births (< 2.5 kg)	7.0%	s	s	s	7.1%
Teen pregnancies per 1,000 females aged under 18 years	2.2	7.9*	s	4.1*	2.8
Pregnancies per 1,000 females aged 15-44 years	62.8	47.6	47.2	57.4	64.1
Fertility per 1,000 females aged 15-44 years	56.2	29.8	47.2	50.4	56.2
Infant mortality per 1,000 live births	4.0*	s	s	27.8*	4.5*

Percentage of low-risk births delivered by cesarean section	27.0%	s	s	s	28.3%

<table>
<tr><td colspan="6">Injury-Related Indicators</td></tr>
</table>

Motor vehicle-related mortality per 100,000 population, age-adjusted	21.7	0.0*	0.0*	0.0*	20.5
Unintentional injury mortality per 100,000 population, age-adjusted	49.5	0.0*	66.7*	0.0*	47.5
Unintentional injury hospitalizations per 10,000 population, age-adjusted	36.7	0.0*	0.0*	s	37.3
Fall hospitalizations per 10,000 population, aged 65 years or older	93.1	0.0*	0.0*	s	94.5
Poisoning hospitalizations per 10,000 population, age-adjusted	6.7	0.0*	0.0*	0.0*	6.5
Suicide mortality per 100,000 population, age-adjusted	14.1	0.0*	0.0*	0.0*	13.4
Opioid burden per 100,000 population	80.6	s	s	0.0*	87.9

<table>
<tr><td colspan="6">Respiratory Disease Indicators</td></tr>
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Asthma hospitalizations per 10,000 population, age-adjusted	2.5	0.0*	0.0*	s	2.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.6	0.0*	0.0*	s	6.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	35.4	0.0*	135.9*	0.0*	35.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	7.8	s	s	s	7.9
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	50%	NA	31%	50%

<table>
<tr><td colspan="6">Heart Disease and Stroke Indicators</td></tr>
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Diseases of the heart mortality per 100,000 population, age-adjusted	154.9	0.0*	140.6*	50.0*	152.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	37.4	s	s	s	38.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	20.7	103.3*	0.0*	0.0*	21.5
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	10.8	s	0.0*	s	11.0
Coronary heart disease mortality per 100,000 population, age-adjusted	91.6	0.0*	140.6*	0.0*	90.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	11.5	0.0*	s	s	11.7
Congestive heart failure mortality per 100,000 population, age-adjusted	12.7	0.0*	0.0*	50.0*	12.8
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	19.7	s	0.0*	0.0*	19.8

<table>
<tr><td colspan="6">Diabetes Indicators</td></tr>
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Diabetes mortality per 100,000 population, age-adjusted	14.8	51.2*	0.0*	43.1*	15.3
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	9.8	s	0.0*	s	10.1
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	99.4	144.0	s	38.2*	102.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.9	s	0.0*	0.0*	4.0

<table>
<tr><td colspan="6">Cancer Indicators</td></tr>
</table>

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	65.6	s	0.0*	s	64.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	8.5	0.0*	0.0*	s	8.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	48.3	s	s	0.0*	48.5
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.1	0.0*	0.0*	0.0*	17.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	45.1	s	0.0*	0.0*	44.2

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	11.4*	0.0*	0.0*	0.0*	10.8*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	NA	NA	NA	46%

Key

Symbol	Meaning
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s	Data are suppressed. The data do not meet the criteria for confidentiality.
~	White non-Hispanic, Black (including Hispanic), Asian (including Hispanic, excluding Pacific Islanders), and Hispanic (of any race).
~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Tompkins County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	80,851	4,943	10,777	5,405	102,382
Percentage of population (2018)	79.0%	4.8%	10.5%	5.3%	100.0%
Percentage of population aged 65 years or older (2018)	17.0%	7.8%	4.1%	3.9%	14.5%
Median annual household income in US dollars (2017-2021)~	67,297	62,500	46,682	47,571	64,260
Percentage of families below poverty (2017-2021)~	4.3%	17.8%*	7.5%*	20.2%*	5.3%
Percentage of children under age 18 below poverty (2017-2021)~	9.4%	37.1%	7.7%	31.9%	11.4%
Percentage unemployed among the civilian labor force (2017-2021)~	4.3%	13.7%*	3.6%*	3.9%*	4.7%
Percentage of population with no health insurance (2017-2021)~	3.0%	8.6%	4.9%	8.8%	3.6%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	54.0%	46.4%	74.3%	49.7%	55.3%
Percentage of population in single parent families (2017-2021)~	14.5%	34.8%	19.9%	31.4%	15.9%
Percentage of population with a disability (2017-2021)~	11.0%	8.2%	6.6%	9.4%	10.4%
Percentage of population who speak English less than very well (2017-2021)~	1.2%	5.2%	22.0%	9.0%	1.1%
Percentage of high school students who dropped out (2021-2022)	6.0%	16.3%	3.9%	s	6.6%
Arrests per 1,000 population aged 18 years or older (2019-2021)	8.9	62.1	1.0	14.7	10.8
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	677.7	851.0	228.0	231.2	661.3
Percentage of premature deaths (< 75 years)	37.1%	61.4%	45.8%	50.0%*	38.3%
Years of potential life lost per 100,000 population, age-adjusted	4,963.9	7,567.4	1,017.2	1,805.4	4,699.2
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	69.7	158.8	11.3	19.5	71.5
Birth-Related Indicators					
Number of births per year (3 year average)	522	31	70	51	697
Percentage of births with early (1st trimester) prenatal care	83.2%	63.7%	75.7%	70.2%	80.2%
Percentage of births with adequate prenatal care (APNCU)^	86.4%	71.6%	80.7%	81.1%	84.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	6.8%	14.1%	1.9%*	5.3%*	6.5%
Percentage of low birthweight births (< 2.5 kg)	5.6%	14.1%	4.8%	4.6%*	5.7%
Teen pregnancies per 1,000 females aged under 18 years	2.9	7.6*	1.3*	10.6*	3.7
Pregnancies per 1,000 females aged 15-44 years	33.1	31.3	21.1	35.3	32.6
Fertility per 1,000 females aged 15-44 years	27.2	20.4	17.9	26.9	26.2
Infant mortality per 1,000 live births	3.8*	0.0*	0.0*	6.6*	3.8*

Percentage of low-risk births delivered by cesarean section	21.8%	s	22.6%	30.2%	22.8%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	6.0	15.4*	0.0*	0.0*	5.6
Unintentional injury mortality per 100,000 population, age-adjusted	44.5	76.0*	26.8*	21.9*	43.2
Unintentional injury hospitalizations per 10,000 population, age-adjusted	57.0	51.0	12.6	9.9	58.1
Fall hospitalizations per 10,000 population, aged 65 years or older	196.3	103.9	s	s	199.8
Poisoning hospitalizations per 10,000 population, age-adjusted	7.9	13.0	2.0*	3.3*	8.3
Suicide mortality per 100,000 population, age-adjusted	11.7	23.4*	10.3*	0.0*	11.4
Opioid burden per 100,000 population	101.0	141.6	s	49.3*	101.6

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.7	8.0	0.0*	s	2.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	1.7*	s	0.0*	s	3.8
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	42.1	31.4*	11.2*	36.9*	41.4
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	10.2	15.4	s	s	10.9
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	51%	37%	49%	40%	50%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	134.8	123.7	22.5*	13.1*	130.1
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	47.8	87.1	12.2	15.7	51.3
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.0	85.6*	22.5*	34.8*	28.9
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.1	23.4	s	s	16.7
Coronary heart disease mortality per 100,000 population, age-adjusted	72.4	75.6*	0.0*	0.0*	69.6
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	9.6	7.3*	s	s	10.4
Congestive heart failure mortality per 100,000 population, age-adjusted	17.1	19.9*	0.0*	0.0*	16.2
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	21.0	32.1	s	s	18.9

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	19.5	43.5*	14.6*	0.0*	19.8
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	8.4	19.3	s	s	8.8
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	105.9	268.8	26.8	46.9	115.5
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.8	13.0	s	0.0*	3.8

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	53.0	s	s	s	50.7
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.1	s	s	0.0*	9.7
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	27.5	s	s	s	26.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.3	s	s	0.0*	17.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	47.3	s	s	s	46.8

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Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	0.0*	0.0*	0.0*	0.0*	0.0*
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	46%	33%	37%	36%	45%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Ulster County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	142,854	12,270	3,871	18,911	178,510
Percentage of population (2018)	80.0%	6.9%	2.2%	10.6%	100.0%
Percentage of population aged 65 years or older (2018)	22.5%	10.3%	10.3%	7.4%	19.8%
Median annual household income in US dollars (2017-2021)~	72,969	63,460	99,167	57,905	71,040
Percentage of families below poverty (2017-2021)~	5.0%	12.5%*	8.0%*	23.5%	7.1%
Percentage of children under age 18 below poverty (2017-2021)~	12.5%	26.7%	15.2%	28.7%	15.9%
Percentage unemployed among the civilian labor force (2017-2021)~	5.3%	5.3%*	3.9%*	5.4%	5.1%
Percentage of population with no health insurance (2017-2021)~	4.4%	10.0%	7.4%*	8.8%	5.4%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	36.9%	16.0%	58.3%	22.9%	34.5%
Percentage of population in single parent families (2017-2021)~	13.0%	29.6%	9.8%	31.0%	15.5%
Percentage of population with a disability (2017-2021)~	14.9%	9.6%	8.4%	14.8%	14.2%
Percentage of population who speak English less than very well (2017-2021)~	0.9%	2.6%	21.1%	16.3%	1.3%
Percentage of high school students who dropped out (2021-2022)	5.6%	8.9%	1.8%	12.6%	7.5%
Arrests per 1,000 population aged 18 years or older (2019-2021)	16.6	70.3	5.3	30.3	21.3
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	716.9	804.7	476.0	543.5	713.2
Percentage of premature deaths (< 75 years)	39.4%	65.2%	48.8%	55.4%	41.5%
Years of potential life lost per 100,000 population, age-adjusted	6,402.6	8,952.7	3,287.6	4,547.8	6,370.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	108.0	148.4	25.0	96.9	114.0
Birth-Related Indicators					
Number of births per year (3 year average)	1,091	88	33	249	1,513
Percentage of births with early (1st trimester) prenatal care	76.1%	63.7%	63.3%	65.7%	72.9%
Percentage of births with adequate prenatal care (APNCU)^	73.8%	63.3%	70.7%	69.9%	72.1%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	9.1%	11.0%	4.0%*	7.4%	9.0%
Percentage of low birthweight births (< 2.5 kg)	7.6%	11.7%	3.0%*	7.0%	7.7%
Teen pregnancies per 1,000 females aged under 18 years	1.8	7.3	0.0*	8.1	3.5
Pregnancies per 1,000 females aged 15-44 years	57.0	70.3	33.9	78.5	62.2
Fertility per 1,000 females aged 15-44 years	45.3	39.4	31.1	61.1	48.0
Infant mortality per 1,000 live births	3.1	11.4*	0.0*	1.3*	3.3

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Percentage of low-risk births delivered by cesarean section	31.9%	39.7%	25.0%*	35.2%	32.2%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	8.6	7.1*	0.0*	9.3*	8.1
Unintentional injury mortality per 100,000 population, age-adjusted	58.7	51.6	16.1*	49.1	56.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	75.4	55.2	32.4	44.3	76.0
Fall hospitalizations per 10,000 population, aged 65 years or older	224.1	81.9	58.3*	114.9	222.7
Poisoning hospitalizations per 10,000 population, age-adjusted	10.0	8.3	s	5.1	10.0
Suicide mortality per 100,000 population, age-adjusted	15.1	9.5*	15.7*	7.7*	13.8
Opioid burden per 100,000 population	451.7	456.4	68.9*	315.5	443.1

Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	4.6	9.9	s	3.9	5.7
Asthma hospitalizations per 10,000 population, aged 0-17 years	7.2	7.3*	s	6.0	10.4
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	35.9	35.8	0.0*	23.7*	34.9
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	18.3	31.4	s	13.4	20.3
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	51%	38%	44%	42%	50%

Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	169.6	203.7	102.5*	82.2	167.2
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	70.4	62.8	20.5	49.5	77.3
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	23.6	30.1	14.0*	21.2*	24.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	18.4	20.9	7.7*	9.9	20.8
Coronary heart disease mortality per 100,000 population, age-adjusted	106.3	110.6	78.8*	59.2	104.4
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	20.7	14.8	9.7*	14.3	23.4
Congestive heart failure mortality per 100,000 population, age-adjusted	15.2	2.6*	0.0*	2.7*	14.3
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	39.5	27.6	s	17.2	38.6

Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	14.9	24.6*	37.7*	19.7*	15.7
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	11.3	18.6	s	13.4	13.0
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	162.8	257.7	79.0	183.4	184.5
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	4.7	9.8	s	6.2	5.5

Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	63.1	77.5	s	23.0*	61.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.8	s	s	s	12.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	42.2	49.9	s	22.8*	40.3
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	22.5	s	s	s	21.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	38.5	68.8*	s	30.9*	40.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	7.6	s	0.0*	s	8.3
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	40%	40%	32%	33%	39%

Key

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^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Warren County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	60,686	1,028	660	1,743	64,269
Percentage of population (2018)	94.4%	1.6%	1.0%	2.7%	100.0%
Percentage of population aged 65 years or older (2018)	23.0%	8.7%	12.0%	8.3%	22.3%
Median annual household income in US dollars (2017-2021)~	69,074	NA	65,143	97,375*	68,765
Percentage of families below poverty (2017-2021)~	4.9%	0.0%	0.0%	2.6%*	4.8%
Percentage of children under age 18 below poverty (2017-2021)~	7.5%	8.5%	0.0%	11.8%	7.9%
Percentage unemployed among the civilian labor force (2017-2021)~	4.1%	5.0%*	5.4%*	5.2%*	4.2%
Percentage of population with no health insurance (2017-2021)~	3.9%	11.2%*	6.1%*	5.2%*	4.0%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	33.5%	16.4%*	39.3%*	27.8%	33.1%
Percentage of population in single parent families (2017-2021)~	11.5%	32.1%	3.1%	12.9%	11.7%
Percentage of population with a disability (2017-2021)~	15.2%	11.4%*	6.7%*	20.7%	15.3%
Percentage of population who speak English less than very well (2017-2021)~	0.4%	2.2%	7.8%	17.2%	0.3%
Percentage of high school students who dropped out (2021-2022)	5.5%	25.0%	s	9.1%	6.1%
Arrests per 1,000 population aged 18 years or older (2019-2021)	23.9	143.9	5.5	42.5	26.0
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	767.5	757.9	467.3*	271.2	760.5
Percentage of premature deaths (< 75 years)	36.3%	73.7%	25.0%*	54.5%*	36.7%
Years of potential life lost per 100,000 population, age-adjusted	6,768.7	9,903.5	2,181.5	3,630.4	6,691.1
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	113.3	206.7	56.5*	23.8*	112.8
Birth-Related Indicators					
Number of births per year (3 year average)	485	3	9	15	525
Percentage of births with early (1st trimester) prenatal care	82.1%	s	s	73.3%	81.6%
Percentage of births with adequate prenatal care (APNCU)^	86.1%	s	s	76.2%	85.5%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	10.2%	s	s	6.5%*	10.2%
Percentage of low birthweight births (< 2.5 kg)	6.8%	s	s	4.3%*	6.9%
Teen pregnancies per 1,000 females aged under 18 years	3.2	0.0*	0.0*	0.0*	3.1
Pregnancies per 1,000 females aged 15-44 years	65.0	50.0	47.1	60.1	66.0
Fertility per 1,000 females aged 15-44 years	50.3	16.7	51.0	43.2	50.5
Infant mortality per 1,000 live births	6.9	s	s	0.0*	6.3

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Percentage of low-risk births delivered by cesarean section	28.8%	s	s	s	29.1%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	8.1	0.0*	0.0*	0.0*	7.6
Unintentional injury mortality per 100,000 population, age-adjusted	25.5	26.0*	0.0*	0.0*	24.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	65.0	72.4	41.5*	32.1	66.0
Fall hospitalizations per 10,000 population, aged 65 years or older	177.8	s	s	160.9*	182.2
Poisoning hospitalizations per 10,000 population, age-adjusted	13.8	s	0.0*	10.7*	14.1
Suicide mortality per 100,000 population, age-adjusted	12.0	0.0*	0.0*	0.0*	11.7
Opioid burden per 100,000 population	159.8	194.6*	s	114.7*	168.0

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	4.3	s	0.0*	s	4.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	6.5	s	0.0*	s	6.8
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	48.7	91.7*	0.0*	27.7*	48.6
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	19.4	27.0*	s	s	19.5
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	50%	50%	58%	24%	50%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	155.6	156.0*	142.4*	27.7*	153.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	72.7	80.9	40.9*	s	74.2
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.2	0.0*	71.2*	0.0*	28.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	21.7	33.4*	32.1*	s	23.0
Coronary heart disease mortality per 100,000 population, age-adjusted	91.7	124.1*	142.4*	27.7*	91.3
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	21.2	s	s	s	22.2
Congestive heart failure mortality per 100,000 population, age-adjusted	13.6	0.0*	0.0*	0.0*	13.5
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	45.9	45.0	s	0.0*	45.1

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	21.5	0.0*	43.1*	20.9*	21.4
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	16.9	48.9	s	s	17.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	170.8	327.1	202.3	67.2	175.1
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.5	s	0.0*	0.0*	7.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	71.0	s	0.0*	s	69.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	12.0	0.0*	0.0*	0.0*	11.6
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	30.3	0.0*	s	s	30.1
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	13.1	s	0.0*	0.0*	13.2
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	49.7	s	0.0*	s	50.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	52%	NA	NA	NA	52%

Key

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s	Data are suppressed. The data do not meet the criteria for confidentiality.
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~~	White non-Hispanic, Black (including Hispanic), Asian / Pacific Islander (including Hispanic), and Hispanic (of any race).
NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Washington County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	57,036	1,996	396	1,756	61,335
Percentage of population (2018)	93.0%	3.3%	0.6%	2.9%	100.0%
Percentage of population aged 65 years or older (2018)	20.6%	3.6%	12.1%	4.7%	19.5%
Median annual household income in US dollars (2017-2021)~	63,849	NA	NA	78,438	63,869
Percentage of families below poverty (2017-2021)~	8.1%	0.0%	0.0%	0.0%	8.4%
Percentage of children under age 18 below poverty (2017-2021)~	15.8%	1.4%	0.0%	4.7%	16.2%
Percentage unemployed among the civilian labor force (2017-2021)~	5.6%	0.0%	0.0%	1.4%*	5.7%
Percentage of population with no health insurance (2017-2021)~	5.1%	1.1%*	0.0%	12.8%*	5.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	21.4%	4.4%*	31.5%*	10.4%*	20.6%
Percentage of population in single parent families (2017-2021)~	16.9%	44.4%	0.0%	7.1%	17.0%
Percentage of population with a disability (2017-2021)~	15.8%	16.4%*	4.5%*	9.5%*	15.5%
Percentage of population who speak English less than very well (2017-2021)~	1.2%	2.4%	39.9%	13.2%	0.7%
Percentage of high school students who dropped out (2021-2022)	10.2%	20.0%	0.0%	29.4%	11.2%
Arrests per 1,000 population aged 18 years or older (2019-2021)	18.3	40.8	10.9	19.2	19.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	821.1	535.9	223.6*	354.8*	808.4
Percentage of premature deaths (< 75 years)	41.3%	66.7%*	100.0%*	71.4%*	41.6%
Years of potential life lost per 100,000 population, age-adjusted	6,984.6	3,557.7	6,579.2	1,819.1	6,685.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	122.7	108.3	112.5*	47.2	121.9
Birth-Related Indicators					
Number of births per year (3 year average)	520	3	3	14	547
Percentage of births with early (1st trimester) prenatal care	81.0%	s	s	67.5%	80.5%
Percentage of births with adequate prenatal care (APNCU)^	84.2%	s	s	78.4%	84.0%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	11.2%	s	s	14.6%*	11.1%
Percentage of low birthweight births (< 2.5 kg)	8.3%	s	s	12.5%*	8.3%
Teen pregnancies per 1,000 females aged under 18 years	4.4	0.0*	s	4.6*	4.3
Pregnancies per 1,000 females aged 15-44 years	68.8	39.5	29.1*	78.4	69.6
Fertility per 1,000 females aged 15-44 years	56.2	28.2	29.1*	58.8	56.2
Infant mortality per 1,000 live births	4.5*	s	s	0.0*	4.3*

Percentage of low-risk births delivered by cesarean section	26.6%	s	s	s	27.0%

Motor vehicle-related mortality per 100,000 population, age-adjusted	12.3	0.0*	0.0*	0.0*	11.3
Unintentional injury mortality per 100,000 population, age-adjusted	30.1	0.0*	0.0*	0.0*	28.0
Unintentional injury hospitalizations per 10,000 population, age-adjusted	66.8	52.5	s	43.8	70.0
Fall hospitalizations per 10,000 population, aged 65 years or older	191.4	0.0*	s	s	194.4
Poisoning hospitalizations per 10,000 population, age-adjusted	10.9	14.3	0.0*	s	11.5
Suicide mortality per 100,000 population, age-adjusted	11.1	37.5*	0.0*	0.0*	12.1
Opioid burden per 100,000 population	153.7	s	s	s	150.0

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.1	s	0.0*	s	3.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	3.7	s	0.0*	s	4.9
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	60.0	0.0*	0.0*	0.0*	58.7
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	21.8	s	s	10.9*	22.2
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	46%	45%	NA	58%	46%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	186.4	132.4*	0.0*	123.9*	185.0
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	72.6	66.7	s	57.9	75.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	28.8	0.0*	0.0*	0.0*	28.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	19.7	s	0.0*	s	20.5
Coronary heart disease mortality per 100,000 population, age-adjusted	129.9	87.9*	0.0*	50.0*	128.8
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	22.4	28.2	0.0*	24.5*	23.9
Congestive heart failure mortality per 100,000 population, age-adjusted	8.8	0.0*	0.0*	73.8*	9.0
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	45.4	s	0.0*	s	43.0

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	33.7	0.0*	0.0*	50.0*	33.0
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	17.0	21.7	s	s	17.8
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	186.5	219.8	91.4*	132.7	189.5
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.0	13.0*	s	s	8.2

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	83.0	s	0.0*	0.0*	81.3
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	13.5	0.0*	0.0*	0.0*	13.1
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	42.3	s	s	0.0*	42.8
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.1	0.0*	0.0*	0.0*	17.7
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	39.5	0.0*	0.0*	0.0*	38.4

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	10.0	0.0*	0.0*	0.0*	9.7
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	43%	NA	NA	NA	43%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Wayne County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	81,900	3,105	771	4,071	90,110
Percentage of population (2018)	90.9%	3.4%	0.9%	4.5%	100.0%
Percentage of population aged 65 years or older (2018)	19.8%	12.3%	10.2%	6.1%	18.8%
Median annual household income in US dollars (2017-2021)~	65,392	44,659	100,500	52,883	64,152
Percentage of families below poverty (2017-2021)~	6.0%	25.6%*	18.1%*	24.7%*	7.3%
Percentage of children under age 18 below poverty (2017-2021)~	12.9%	27.7%	12.4%	16.6%	14.5%
Percentage unemployed among the civilian labor force (2017-2021)~	3.4%	20.1%	2.4%*	4.6%*	4.1%
Percentage of population with no health insurance (2017-2021)~	5.0%	6.9%*	6.0%*	7.8%*	5.2%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	25.6%	10.6%	40.3%	7.8%	24.4%
Percentage of population in single parent families (2017-2021)~	12.7%	41.8%	20.5%	18.0%	13.9%
Percentage of population with a disability (2017-2021)~	14.4%	23.1%	7.5%*	15.5%	14.7%
Percentage of population who speak English less than very well (2017-2021)~	1.2%	2.2%	32.4%	16.7%	0.8%
Percentage of high school students who dropped out (2021-2022)	7.6%	20.5%	0.0%	8.0%	8.3%
Arrests per 1,000 population aged 18 years or older (2019-2021)	13.9	106.5	5.8	27.7	17.2
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	766.4	863.0	245.3*	559.1	765.4
Percentage of premature deaths (< 75 years)	43.2%	58.8%	100.0%*	50.0%	44.0%
Years of potential life lost per 100,000 population, age-adjusted	6,901.9	9,807.6	3,761.8	5,776.9	7,038.4
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	136.2	324.4	60.9*	121.3	142.7
Birth-Related Indicators					
Number of births per year (3 year average)	813	20	6	64	925
Percentage of births with early (1st trimester) prenatal care	67.3%	47.5%	s	46.8%	65.0%
Percentage of births with adequate prenatal care (APNCU)^	70.3%	69.1%	s	67.3%	69.9%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	8.5%	9.8%*	s	14.0%	8.8%
Percentage of low birthweight births (< 2.5 kg)	6.8%	3.3%*	s	9.3%	6.8%
Teen pregnancies per 1,000 females aged under 18 years	1.5	3.0*	0.0*	6.6*	2.6
Pregnancies per 1,000 females aged 15-44 years	67.8	67.1	27.6	88.8	72.0
Fertility per 1,000 females aged 15-44 years	60.3	40.9	33.1	77.5	61.6
Infant mortality per 1,000 live births	6.2	32.8*	s	0.0*	6.5

Percentage of low-risk births delivered by cesarean section	25.0%	s	s	27.1%	25.1%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	13.9	10.4*	39.2*	0.0*	13.4
Unintentional injury mortality per 100,000 population, age-adjusted	55.4	55.2*	85.0*	16.2*	54.0
Unintentional injury hospitalizations per 10,000 population, age-adjusted	83.8	71.9	s	65.4	85.6
Fall hospitalizations per 10,000 population, aged 65 years or older	216.7	78.5*	s	121.5*	217.4
Poisoning hospitalizations per 10,000 population, age-adjusted	12.8	20.9	0.0*	7.6	13.5
Suicide mortality per 100,000 population, age-adjusted	13.4	0.0*	0.0*	0.0*	12.3
Opioid burden per 100,000 population	176.6	161.0	0.0*	171.9	180.9

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	3.6	18.0	0.0*	7.1*	4.6
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.6	s	0.0*	s	6.2
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	43.2	10.4*	0.0*	0.0*	41.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	22.7	39.5	0.0*	16.4	24.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	45%	44%	27%	26%	45%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	151.8	234.5	0.0*	112.5*	153.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	99.3	134.9	68.9	91.4	102.5
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	31.3	29.9*	0.0*	28.4*	31.2
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	20.5	32.4	s	31.4	21.8
Coronary heart disease mortality per 100,000 population, age-adjusted	99.8	159.5	0.0*	102.1*	101.8
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	26.2	21.7	s	34.0	27.0
Congestive heart failure mortality per 100,000 population, age-adjusted	17.2	19.5*	0.0*	0.0*	16.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	55.9	94.8	s	21.9	56.7

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	21.3	32.4*	68.6*	22.6*	21.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	20.0	92.1	s	27.1	22.4
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	237.8	534.0	136.0	307.0	253.4
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	7.6	14.0*	0.0*	12.9	8.0

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	76.0	s	0.0*	0.0*	73.9
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	11.2	s	0.0*	s	11.9
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	45.2	s	s	s	44.4
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.7	s	0.0*	0.0*	18.3
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	53.1	s	s	0.0*	51.6

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Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	s	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	4.5*	0.0*	0.0*	0.0*	4.2*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	45%	36%	NA	33%	45%

Key

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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Westchester County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	523,155	138,568	63,962	241,477	968,928
Percentage of population (2018)	54.0%	14.3%	6.6%	24.9%	100.0%
Percentage of population aged 65 years or older (2018)	22.7%	14.2%	13.3%	7.7%	17.1%
Median annual household income in US dollars (2017-2021)~	130,547	69,421	148,089	75,894	105,387
Percentage of families below poverty (2017-2021)~	2.5%	10.3%	4.7%	10.3%	5.5%
Percentage of children under age 18 below poverty (2017-2021)~	3.6%	17.7%	6.9%	15.1%	9.5%
Percentage unemployed among the civilian labor force (2017-2021)~	5.4%	7.4%	5.0%	6.7%	6.1%
Percentage of population with no health insurance (2017-2021)~	2.2%	5.6%	3.8%	11.1%	5.1%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	61.9%	35.4%	72.9%	25.5%	50.6%
Percentage of population in single parent families (2017-2021)~	5.7%	29.7%	5.5%	21.3%	12.2%
Percentage of population with a disability (2017-2021)~	10.1%	12.4%	5.3%	8.5%	9.7%
Percentage of population who speak English less than very well (2017-2021)~	3.8%	4.8%	25.6%	34.4%	5.7%
Percentage of high school students who dropped out (2021-2022)	0.7%	6.6%	0.1%	7.5%	3.7%
Arrests per 1,000 population aged 18 years or older (2019-2021)	5.3	41.5	1.8	20.6	14.1
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	572.1	708.4	319.7	509.0	588.2
Percentage of premature deaths (< 75 years)	27.0%	53.0%	39.6%	55.2%	34.4%
Years of potential life lost per 100,000 population, age-adjusted	4,080.7	7,038.5	2,293.3	4,418.1	4,625.9
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	55.7	191.3	23.5	53.8	95.3
Birth-Related Indicators					
Number of births per year (3 year average)	4,090	1,356	712	3,490	9,884
Percentage of births with early (1st trimester) prenatal care	87.3%	71.6%	82.7%	77.1%	81.0%
Percentage of births with adequate prenatal care (APNCU)^	84.4%	62.7%	78.0%	67.0%	74.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	7.8%	12.9%	8.5%	9.1%	9.1%
Percentage of low birthweight births (< 2.5 kg)	5.7%	13.4%	8.2%	8.0%	7.8%
Teen pregnancies per 1,000 females aged under 18 years	0.5	5.8	0.2*	4.4	2.8
Pregnancies per 1,000 females aged 15-44 years	55.8	77.3	47.4	81.4	71.3
Fertility per 1,000 females aged 15-44 years	49.5	46.8	49.7	65.2	55.0
Infant mortality per 1,000 live births	2.3	5.9	3.3*	3.6	3.8

Percentage of low-risk births delivered by cesarean section	31.1%	37.6%	33.5%	31.2%	32.3%

Injury-Related Indicators

Motor vehicle-related mortality per 100,000 population, age-adjusted	2.7	5.7	2.6*	3.2	3.5
Unintentional injury mortality per 100,000 population, age-adjusted	31.8	31.1	10.7	21.3	27.9
Unintentional injury hospitalizations per 10,000 population, age-adjusted	45.7	54.3	18.9	27.3	60.4
Fall hospitalizations per 10,000 population, aged 65 years or older	171.6	95.3	60.7	67.4	204.0
Poisoning hospitalizations per 10,000 population, age-adjusted	5.2	9.5	1.7	3.2	7.4
Suicide mortality per 100,000 population, age-adjusted	8.2	3.9	5.3	4.9	6.7
Opioid burden per 100,000 population	181.1	286.7	14.6	138.0	198.1

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	2.6	16.1	1.6	3.9	7.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	4.5	25.1	3.4	5.0	11.9
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	22.1	25.7	6.9	11.2	21.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	8.9	30.1	2.8	8.8	16.8
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	59%	37%	53%	40%	55%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	140.4	178.1	65.3	105.8	141.8
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	43.8	79.7	20.9	32.5	66.1
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	18.8	30.1	16.1	22.7	21.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	12.8	31.2	9.1	10.8	20.1
Coronary heart disease mortality per 100,000 population, age-adjusted	104.7	136.4	54.4	81.3	106.4
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	12.9	18.1	8.8	9.7	19.8
Congestive heart failure mortality per 100,000 population, age-adjusted	9.4	7.1	4.1*	6.0	8.9
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	26.9	47.7	6.6	9.9	33.1

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	9.3	28.6	10.1	18.7	13.2
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	6.4	32.0	3.0	9.1	14.2
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	88.2	296.0	63.6	115.9	169.6
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	1.8	10.6	0.5*	1.9	4.4

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	51.5	40.8	30.6	31.7	46.6
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.6	13.5	5.2	7.7	9.8
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	32.5	39.5	29.6	32.3	33.2
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	17.2	25.1	10.0	13.8	17.9
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	42.6	47.4	32.4	36.9	41.5

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	1.1	s	s	s	1.2
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	4.5	7.6	6.5*	6.2	5.4
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	49%	41%	37%	39%	47%

Key

Symbol	Meaning
*	The rate or percentage is unstable. See the "About" page
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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Wyoming County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	36,201	2,171	234	1,339	40,068
Percentage of population (2018)	90.3%	5.4%	0.6%	3.3%	100.0%
Percentage of population aged 65 years or older (2018)	19.5%	2.3%	12.4%	2.8%	18.0%
Median annual household income in US dollars (2017-2021)~	60,348	56,579	37,100	NA	60,013
Percentage of families below poverty (2017-2021)~	5.5%	0.0%	6.4%*	39.9%*	6.0%
Percentage of children under age 18 below poverty (2017-2021)~	9.3%	62.7%	0.0%	50.4%	10.8%
Percentage unemployed among the civilian labor force (2017-2021)~	4.1%	0.0%	0.0%	7.0%*	4.1%
Percentage of population with no health insurance (2017-2021)~	3.6%	0.0%	6.4%*	17.8%*	3.8%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	18.9%	5.3%*	50.3%*	12.6%*	18.1%
Percentage of population in single parent families (2017-2021)~	12.3%	11.3%	78.7%	11.3%	12.8%
Percentage of population with a disability (2017-2021)~	13.8%	0.7%*	2.6%*	8.5%*	13.3%
Percentage of population who speak English less than very well (2017-2021)~	0.1%	0.0%	10.9%	21.3%	0.5%
Percentage of high school students who dropped out (2021-2022)	2.6%	s	20.0%	0.0%	3.0%
Arrests per 1,000 population aged 18 years or older (2019-2021)	19.3	33.2	12.5	26.6	20.6
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	826.2	267.2*	221.1*	710.0*	807.1
Percentage of premature deaths (< 75 years)	40.4%	75.0%*	100.0%*	66.7%*	40.9%
Years of potential life lost per 100,000 population, age-adjusted	6,409.0	1,066.8	2,532.5	3,241.5	5,876.5
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	124.9	75.4	0.0*	135.1	123.8
Birth-Related Indicators					
Number of births per year (3 year average)	341	2	4	12	362
Percentage of births with early (1st trimester) prenatal care	85.9%	s	s	60.6%	84.8%
Percentage of births with adequate prenatal care (APNCU)^	82.1%	s	s	s	81.6%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	10.3%	s	s	17.1%*	10.3%
Percentage of low birthweight births (< 2.5 kg)	8.3%	s	s	11.4%*	8.2%
Teen pregnancies per 1,000 females aged under 18 years	0.4*	s	s	0.0*	0.8*
Pregnancies per 1,000 females aged 15-44 years	63.0	66.7*	58.8*	90.5	65.3
Fertility per 1,000 females aged 15-44 years	57.4	41.7*	78.4	79.5	58.4
Infant mortality per 1,000 live births	4.9*	s	s	0.0*	4.6*

Percentage of low-risk births delivered by cesarean section	29.8%	s	s	s	29.5%

Injury-Related Indicators					
Motor vehicle-related mortality per 100,000 population, age-adjusted	7.8	0.0*	0.0*	88.0*	7.8
Unintentional injury mortality per 100,000 population, age-adjusted	42.2	0.0*	0.0*	123.3*	40.3
Unintentional injury hospitalizations per 10,000 population, age-adjusted	59.7	22.4	s	27.2	60.8
Fall hospitalizations per 10,000 population, aged 65 years or older	154.7	0.0*	s	0.0*	158.4
Poisoning hospitalizations per 10,000 population, age-adjusted	8.6	7.4*	0.0*	14.9*	9.7
Suicide mortality per 100,000 population, age-adjusted	19.4	0.0*	0.0*	0.0*	17.1
Opioid burden per 100,000 population	130.8	s	0.0*	s	129.8

Respiratory Disease Indicators					
Asthma hospitalizations per 10,000 population, age-adjusted	3.4	s	0.0*	s	3.3
Asthma hospitalizations per 10,000 population, aged 0-17 years	5.1	0.0*	0.0*	s	5.3
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	38.4	0.0*	0.0*	0.0*	37.3
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	23.0	s	0.0*	s	22.9
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	41%	NA	NA	NA	41%

Heart Disease and Stroke Indicators					
Diseases of the heart mortality per 100,000 population, age-adjusted	173.7	62.9*	0.0*	193.0*	171.6
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	82.5	60.1	s	89.6	85.3
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	29.1	0.0*	0.0*	0.0*	28.6
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	17.4	s	0.0*	s	18.4
Coronary heart disease mortality per 100,000 population, age-adjusted	111.0	62.9*	0.0*	193.0*	110.2
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	24.2	25.8*	s	s	25.2
Congestive heart failure mortality per 100,000 population, age-adjusted	24.9	0.0*	0.0*	0.0*	24.5
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	39.3	s	0.0*	s	36.7

Diabetes Indicators					
Diabetes mortality per 100,000 population, age-adjusted	29.4	0.0*	0.0*	0.0*	28.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	15.1	21.4	0.0*	s	15.4
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	167.6	117.0	s	186.5	171.3
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	8.3	s	0.0*	0.0*	8.0

Cancer Indicators					
Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	69.6	s	0.0*	s	69.1
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	10.4	0.0*	0.0*	0.0*	10.0
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	51.3	s	0.0*	0.0*	48.4
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	21.4	0.0*	0.0*	0.0*	21.0
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	52.2	0.0*	0.0*	s	53.1

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	13.9*	0.0*	0.0*	0.0*	13.5*
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	47%	NA	NA	NA	47%

Key

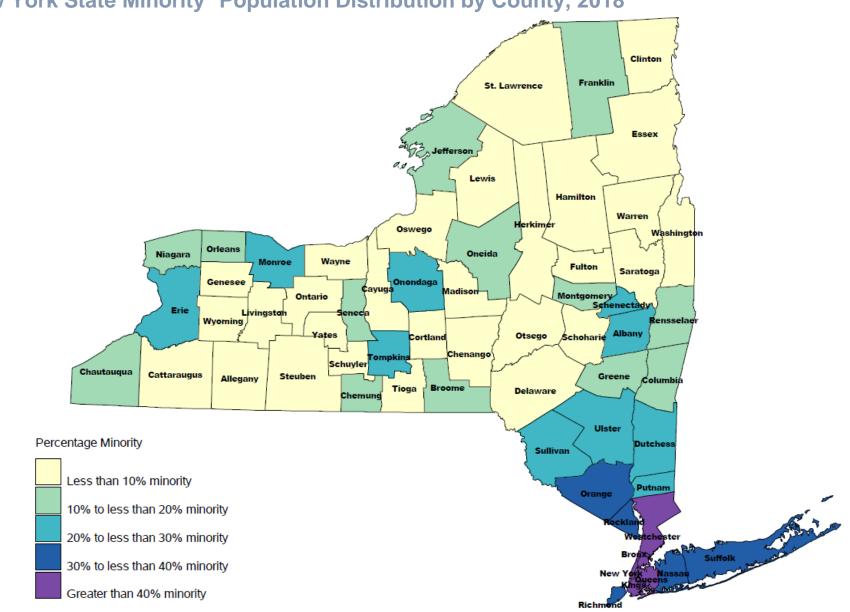| Symbol	Meaning
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NA	Data do not meet the criteria for statistical reliability or data quality, or data not available.
^	APNCU: Adequacy of Prenatal Care Utilization Index.
	In 2015, SPARCS transitioned from ICD-9-CM to ICD-10-CM diagnosis codes. These two are not comparable, so ED and hospitalization data for 2016-and-forward should not be compared with earlier data.
	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

Yates County Health Indicators by Race/Ethnicity, 2018-2020

Health Indicator	Non-Hispanic			Hispanic	Total
	White	Black	Asian/Pacific Islander		
Socio-Demographic Indicators					
Population (2018)	23,817	336	186	559	24,959
Percentage of population (2018)	95.4%	1.3%	0.7%	2.2%	100.0%
Percentage of population aged 65 years or older (2018)	21.2%	12.5%	6.5%	7.2%	20.7%
Median annual household income in US dollars (2017-2021)~	59,876	16,464	34,423	NA	57,635
Percentage of families below poverty (2017-2021)~	8.5%	100.0%*	0.0%	70.5%	9.6%
Percentage of children under age 18 below poverty (2017-2021)~	19.3%	100.0%	0.0%	67.8%	22.2%
Percentage unemployed among the civilian labor force (2017-2021)~	3.2%	0.0%	33.3%*	0.0%	3.2%
Percentage of population with no health insurance (2017-2021)~	17.9%	2.3%*	8.1%*	8.4%*	17.3%
Percentage of population aged 25 years or older with a bachelor's degree or higher (2017-2021)~	25.0%	12.0%*	20.9%	9.5%*	24.5%
Percentage of population in single parent families (2017-2021)~	10.1%	100.0%	50.0%	70.5%	11.4%
Percentage of population with a disability (2017-2021)~	11.5%	12.5%*	10.6%*	25.6%*	11.8%
Percentage of population who speak English less than very well (2017-2021)~	4.6%	0.0%	3.4%	8.5%	0.6%
Percentage of high school students who dropped out (2021-2022)	11.5%	NA	s	s	11.4%
Arrests per 1,000 population aged 18 years or older (2019-2021)	11.8	45.3	2.2	38.8	12.7
General Health Indicators					
Total mortality per 100,000 population, age-adjusted	827.6	727.6*	397.6*	956.6*	827.7
Percentage of premature deaths (< 75 years)	38.2%	50.0%*	100.0%*	28.6%*	38.3%
Years of potential life lost per 100,000 population, age-adjusted	7,421.2	4,800.4	3,956.5	4,134.6	7,311.0
Potentially preventable hospitalizations among adults, age-adjusted rate per 10,000	84.5	126.3*	0.0*	s	85.3
Birth-Related Indicators					
Number of births per year (3 year average)	306	0	2	10	322
Percentage of births with early (1st trimester) prenatal care	51.2%	s	s	s	50.5%
Percentage of births with adequate prenatal care (APNCU)^	60.7%	s	s	s	60.7%
Percentage of premature births (< 37 weeks gestation - clinical estimate)	5.8%	s	s	s	6.0%
Percentage of low birthweight births (< 2.5 kg)	4.1%	s	s	s	4.0%
Teen pregnancies per 1,000 females aged under 18 years	2.1*	s	s	0.0*	1.9*
Pregnancies per 1,000 females aged 15-44 years	78.2	17.1*	25.9*	95.6	77.7
Fertility per 1,000 females aged 15-44 years	72.5	4.3*	25.9*	82.0	71.3
Infant mortality per 1,000 live births	12.0	s	s	0.0*	11.4

Percentage of low-risk births delivered by cesarean section	16.8%	s	s	s	17.1%

Motor vehicle-related mortality per 100,000 population, age-adjusted	11.6*	0.0*	0.0*	0.0*	11.2*
Unintentional injury mortality per 100,000 population, age-adjusted	53.1	116.3*	0.0*	0.0*	51.8
Unintentional injury hospitalizations per 10,000 population, age-adjusted	77.1	s	s	s	78.5
Fall hospitalizations per 10,000 population, aged 65 years or older	171.6	0.0*	0.0*	s	176.5
Poisoning hospitalizations per 10,000 population, age-adjusted	9.1	0.0*	0.0*	s	10.1
Suicide mortality per 100,000 population, age-adjusted	15.7*	0.0*	244.6*	0.0*	15.7
Opioid burden per 100,000 population	172.1	s	s	s	172.3

Respiratory Disease Indicators

Asthma hospitalizations per 10,000 population, age-adjusted	1.6	s	0.0*	s	2.2
Asthma hospitalizations per 10,000 population, aged 0-17 years	s	s	0.0*	s	4.9*
Chronic lower respiratory disease mortality per 100,000 population, age-adjusted	46.1	0.0*	0.0*	0.0*	46.2
Chronic lower respiratory disease hospitalizations per 10,000 population, age-adjusted	15.5	s	0.0*	s	16.0
Percentage of fee-for-service (FFS) Medicare enrollees who had an annual flu vaccination (2021)~~	43%	NA	NA	NA	43%

Heart Disease and Stroke Indicators

Diseases of the heart mortality per 100,000 population, age-adjusted	137.8	0.0*	153.1*	344.6*	138.5
Diseases of the heart hospitalizations per 10,000 population, age-adjusted	60.9	76.2*	s	s	63.9
Cerebrovascular disease (stroke) mortality per 100,000 population, age-adjusted	43.7	0.0*	0.0*	0.0*	42.8
Cerebrovascular disease (stroke) hospitalizations per 10,000 population, age-adjusted	15.8	0.0*	0.0*	s	16.8
Coronary heart disease mortality per 100,000 population, age-adjusted	85.3	0.0*	0.0*	172.3*	85.4
Coronary heart disease hospitalizations per 10,000 population, age-adjusted	19.3	s	0.0*	0.0*	20.4
Congestive heart failure mortality per 100,000 population, age-adjusted	9.7	0.0*	0.0*	172.3*	10.4
Potentially preventable heart failure hospitalization rate per 10,000 population aged 18 years or older	27.5	s	0.0*	s	27.6

Diabetes Indicators

Diabetes mortality per 100,000 population, age-adjusted	18.7	0.0*	0.0*	76.2*	19.9
Diabetes (primary diagnosis) hospitalizations per 10,000 population, age-adjusted	10.1	0.0*	0.0*	s	11.0
Diabetes (any diagnosis) hospitalizations per 10,000 population, age-adjusted	153.9	174.1	s	148.0	160.8
Potentially preventable diabetes short-term complications hospitalization rate per 10,000 population aged 18 years or older	3.9	0.0*	0.0*	s	4.3

Cancer Indicators

Lung cancer incidence per 100,000 population, age-adjusted (2017-2019)	72.3	0.0*	0.0*	s	72.2
Colorectal cancer mortality per 100,000 population, age-adjusted (2017-2019)	9.6	0.0*	0.0*	0.0*	9.4
Colorectal cancer incidence per 100,000 population, age-adjusted (2017-2019)	27.8	0.0*	0.0*	s	27.9
Female breast cancer mortality per 100,000 female population, age-adjusted (2017-2019)	18.9*	0.0*	0.0*	0.0*	18.5*
Female late stage breast cancer incidence per 100,000 female population, age-adjusted (2017-2019)	19.9*	0.0*	0.0*	s	21.3

Cervix uteri cancer mortality per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Cervical cancer incidence per 100,000 female population, age-adjusted (2017-2019)	s	0.0*	0.0*	0.0*	s
Percentage of female fee-for-service (FFS) Medicare enrollees aged 65-74 years who received an annual mammography screening (2021)~~	53%	NA	NA	NA	53%

Key

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	The 2018 population estimates are also used to calculate rates for 2019, 2020, and 2021.

New York State Minority* Population Distribution by County, 2018

Percentage Minority

- Less than 10% minority
- 10% to less than 20% minority
- 20% to less than 30% minority
- 30% to less than 40% minority
- Greater than 40% minority

*Minority defined as all race/ethnicities other than White non-Hispanic

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New York State Population by County and Race/Ethnicity, 2018

County	Non-Hispanic			Hispanic	Total Minority*	Total Population**
	White	Black	Asian/Pacific Islander			
Albany	223,571	41,690	21,907	18,943	82,540	306,691
Allegany	44,007	744	623	793	2,160	46,286
Bronx	135,930	428,514	60,073	802,667	1,291,254	1,432,316
Broome	162,157	12,237	8,925	8,468	29,630	192,222
Cattaraugus	70,140	1,562	675	1,661	3,898	76,748
Cayuga	70,190	3,663	612	2,359	6,634	77,121
Chautauqua	112,474	3,578	923	9,886	14,387	127,516
Chemung	73,584	6,125	1,345	2,731	10,201	84,033
Chenango	45,319	592	317	1,107	2,016	47,502
Clinton	73,190	3,503	1,243	2,401	7,147	80,675
Columbia	52,351	3,213	1,238	2,930	7,381	59,852
Cortland	44,604	1,069	583	1,325	2,977	47,721
Delaware	41,348	900	448	1,800	3,148	44,624
Dutchess	212,104	32,761	11,475	36,890	81,126	293,814
Erie	699,654	125,737	35,673	53,013	214,423	919,941
Essex	34,740	982	317	1,134	2,433	37,309
Franklin	41,468	2,958	261	1,825	5,044	50,325
Fulton	50,007	1,293	421	1,801	3,515	53,654
Genesee	52,473	1,938	470	1,988	4,396	57,509
Greene	40,791	2,954	571	2,917	6,442	47,401
Hamilton	4,250	71	41	79	191	4,453
Herkimer	58,746	1,036	413	1,402	2,851	61,760
Jefferson	92,568	7,887	2,266	8,910	19,063	112,266
Kings	966,675	785,624	334,237	486,466	1,606,327	2,580,088
Lewis	25,575	246	143	468	857	26,503
Livingston	57,924	1,786	972	2,417	5,175	63,281
Madison	66,830	1,493	771	1,652	3,916	71,180
Monroe	530,385	114,548	28,910	68,379	211,837	744,239
Montgomery	40,273	1,272	449	7,370	9,091	49,502
Nassau	815,851	162,349	145,971	231,042	539,362	1,357,423
New York	786,118	212,634	211,037	419,123	842,794	1,632,393
Niagara	181,802	16,572	2,726	6,780	26,078	210,300
Oneida	189,344	15,714	9,616	14,175	39,505	229,431
Onondaga	360,024	55,646	18,581	23,760	97,987	461,890
Ontario	99,552	2,976	1,694	5,466	10,136	109,962
Orange	247,214	42,424	11,515	80,115	134,054	382,411
Orleans	35,401	2,635	278	2,159	5,072	40,708
Oswego	111,358	1,548	963	3,122	5,633	117,520
Otsego	55,001	1,447	941	2,313	4,701	59,828

Putnam	77,879	3,062	2,369	15,413	20,844	98,871
Queens	587,235	418,638	625,870	632,353	1,676,861	2,275,286
Rensselaer	133,827	12,210	4,699	8,344	25,253	159,452
Richmond	291,505	46,997	49,206	87,899	184,102	476,531
Rockland	208,535	37,813	20,769	57,958	116,540	325,656
Saratoga	209,629	4,885	7,428	7,757	20,070	230,127
Schenectady	115,893	18,744	8,373	11,488	38,605	155,334
Schoharie	29,248	540	273	1,057	1,870	31,182
Schuyler	17,076	253	119	335	707	17,842
Seneca	30,727	1,867	298	1,232	3,397	34,277
St. Lawrence	100,690	2,828	1,303	2,583	6,714	108,534
Steuben	90,556	1,887	1,543	1,612	5,042	95,876
Suffolk	1,008,406	115,938	64,103	290,225	470,266	1,482,275
Sullivan	54,626	6,749	1,334	12,361	20,444	75,381
Tioga	46,325	608	453	1,028	2,089	48,515
Tompkins	80,851	4,943	10,777	5,405	21,125	102,382
Ulster	142,854	12,270	3,871	18,911	35,052	178,510
Warren	60,686	1,028	660	1,743	3,431	64,269
Washington	57,036	1,996	396	1,756	4,148	61,335
Wayne	81,900	3,105	771	4,071	7,947	90,110
Westchester	523,155	138,568	63,962	241,477	444,007	968,928
Wyoming	36,201	2,171	234	1,339	3,744	40,068
Yates	23,817	336	186	559	1,081	24,959
New York City	2,767,463	1,892,407	1,280,423	2,428,508	5,601,338	8,396,614
NYS (excluding NYC)	8,246,187	1,048,950	508,198	1,300,235	2,857,383	11,147,484
New York State	11,013,650	2,941,357	1,788,621	3,728,743	8,458,721	19,544,098

*Total of Black non-Hispanic, Asian/Pacific Islander non-Hispanic, and Hispanic groups
**Total Population Includes All Races Including Multiple Races and Unknown Races and Ethnicity
Data Source: National Center for Health Statistics bridged-race population estimates, 2018
https://www.cdc.gov/nchs/nvss/bridged_race.htm

New York State Percentage of Population by County and Race/Ethnicity, 2018

County	Non-Hispanic			Hispanic	Minority*
	White	Black	Asian/Pacific Islander		
Albany	72.9%	13.6%	7.1%	6.2%	26.9%
Allegany	95.1%	1.6%	1.3%	1.7%	4.7%
Bronx	9.5%	29.9%	4.2%	56.0%	90.2%
Broome	84.4%	6.4%	4.6%	4.4%	15.4%
Cattaraugus	91.4%	2.0%	0.9%	2.2%	5.1%
Cayuga	91.0%	4.7%	0.8%	3.1%	8.6%
Chautauqua	88.2%	2.8%	0.7%	7.8%	11.3%
Chemung	87.6%	7.3%	1.6%	3.2%	12.1%
Chenango	95.4%	1.2%	0.7%	2.3%	4.2%
Clinton	90.7%	4.3%	1.5%	3.0%	8.9%
Columbia	87.5%	5.4%	2.1%	4.9%	12.3%
Cortland	93.5%	2.2%	1.2%	2.8%	6.2%
Delaware	92.7%	2.0%	1.0%	4.0%	7.1%
Dutchess	72.2%	11.2%	3.9%	12.6%	27.6%
Erie	76.1%	13.7%	3.9%	5.8%	23.3%
Essex	93.1%	2.6%	0.8%	3.0%	6.5%
Franklin	82.4%	5.9%	0.5%	3.6%	10.0%
Fulton	93.2%	2.4%	0.8%	3.4%	6.6%
Genesee	91.2%	3.4%	0.8%	3.5%	7.6%
Greene	86.1%	6.2%	1.2%	6.2%	13.6%
Hamilton	95.4%	1.6%	0.9%	1.8%	4.3%
Herkimer	95.1%	1.7%	0.7%	2.3%	4.6%
Jefferson	82.5%	7.0%	2.0%	7.9%	17.0%
Kings	37.5%	30.4%	13.0%	18.9%	62.3%
Lewis	96.5%	0.9%	0.5%	1.8%	3.2%
Livingston	91.5%	2.8%	1.5%	3.8%	8.2%
Madison	93.9%	2.1%	1.1%	2.3%	5.5%
Monroe	71.3%	15.4%	3.9%	9.2%	28.5%
Montgomery	81.4%	2.6%	0.9%	14.9%	18.4%
Nassau	60.1%	12.0%	10.8%	17.0%	39.7%
New York	48.2%	13.0%	12.9%	25.7%	51.6%
Niagara	86.4%	7.9%	1.3%	3.2%	12.4%
Oneida	82.5%	6.8%	4.2%	6.2%	17.2%
Onondaga	77.9%	12.0%	4.0%	5.1%	21.2%
Ontario	90.5%	2.7%	1.5%	5.0%	9.2%
Orange	64.6%	11.1%	3.0%	20.9%	35.1%
Orleans	87.0%	6.5%	0.7%	5.3%	12.5%
Oswego	94.8%	1.3%	0.8%	2.7%	4.8%
Otsego	91.9%	2.4%	1.6%	3.9%	7.9%

Putnam	78.8%	3.1%	2.4%	15.6%	21.1%
Queens	25.8%	18.4%	27.5%	27.8%	73.7%
Rensselaer	83.9%	7.7%	2.9%	5.2%	15.8%
Richmond	61.2%	9.9%	10.3%	18.4%	38.6%
Rockland	64.0%	11.6%	6.4%	17.8%	35.8%
Saratoga	91.1%	2.1%	3.2%	3.4%	8.7%
Schenectady	74.6%	12.1%	5.4%	7.4%	24.9%
Schoharie	93.8%	1.7%	0.9%	3.4%	6.0%
Schuyler	95.7%	1.4%	0.7%	1.9%	4.0%
Seneca	89.6%	5.4%	0.9%	3.6%	9.9%
St. Lawrence	92.8%	2.6%	1.2%	2.4%	6.2%
Steuben	94.5%	2.0%	1.6%	1.7%	5.3%
Suffolk	68.0%	7.8%	4.3%	19.6%	31.7%
Sullivan	72.5%	9.0%	1.8%	16.4%	27.1%
Tioga	95.5%	1.3%	0.9%	2.1%	4.3%
Tompkins	79.0%	4.8%	10.5%	5.3%	20.6%
Ulster	80.0%	6.9%	2.2%	10.6%	19.6%
Warren	94.4%	1.6%	1.0%	2.7%	5.3%
Washington	93.0%	3.3%	0.6%	2.9%	6.8%
Wayne	90.9%	3.4%	0.9%	4.5%	8.8%
Westchester	54.0%	14.3%	6.6%	24.9%	45.8%
Wyoming	90.3%	5.4%	0.6%	3.3%	9.3%
Yates	95.4%	1.3%	0.7%	2.2%	4.3%
New York City	33.0%	22.5%	15.2%	28.9%	66.7%
NYS (excluding NYC)	74.0%	9.4%	4.6%	11.7%	25.6%
New York State	56.4%	15.0%	9.2%	19.1%	43.3%

Includes Black non-Hispanic, Asian/Pacific Islander non-Hispanic, and Hispanic groups
Data Source: National Center for Health Statistics bridged-race population estimates, 2018
https://www.cdc.gov/nchs/nvss/bridged_race.htm

Appendix 1 - Sources of Data

National Center for Health Statistics Population Estimates

New York State and county population estimates by race and Hispanic origin were obtained from the National Center for Health Statistics (NCHS). These estimates were prepared under a collaborative arrangement with the U.S. Census Bureau.

All rates for health indicators presented in this report for the three-year period, 2018-2020, use the population estimate from 2018 NCHS bridged race population estimates files. The first indicator of population presented in this report is from the 2018 NCHS bridged race population estimates file.

Population data contained in this report use the following race/ethnicity groupings: White non-Hispanic, Black non-Hispanic, Asian/Pacific Islander non-Hispanic, and Hispanic.

American Community Survey

The American Community Survey (ACS) is part of the Census Bureau's re-engineered census process, designed to provide a fresh look at how communities are changing. The survey collects housing, demographic, social, and economic information annually from representative samples of the U.S. population.

The ACS-based indicators contained in this report are from the data collected during 2017-2021 with five-year estimates for the following race/ethnicity groupings: White non-Hispanic, Black, Asian, and Hispanic. Note that unlike other race/ethnicity groupings utilized in this report, the ACS groupings are not mutually exclusive. That is, the Black and Asian categories include Hispanics; the Hispanic category includes all races.

Vital Records

Information on mortality and natality are generated from birth, death, and fetal death files that are collected by the New York State Department of Health (the Department)) Bureau of Vital Records, Division of Administration. These files also include records from New York City (NYC), a separate vital registration district.

Vital Event Registration:

New York State (NYS) consists of two registration areas, NYC, and NYS Exclusive of NYC (also referred to as Rest of State). New York City includes the five counties of Bronx, Kings (Brooklyn), New York (Manhattan), Queens and Richmond (Staten Island); the remaining 57 counties comprise NYS Exclusive of NYC. The Bureau of Vital Records, the Department, processes data from live birth, death, fetal death and marriage certificates recorded in NYS Exclusive of NYC. Through a cooperative agreement, the Department receives data on live

births, deaths, and fetal deaths recorded in NYC from the NYC Department of Health and Mental Hygiene (NYCDOHMH) and on live births and deaths recorded outside of NYS to residents of NYS from other states and Canada.

Vital Event indicators for NYC geographical areas reported by the Department and NYCDOHMH are different since the former includes possibly all NYC residents' events and the latter reports NYC events to NYC residents. The indicators may also differ due to timing and/or completeness of data.

Mortality rates (excluding cancer mortality) contained in this report are from the Bureau of Vital Records death files from 2018 to 2020. The cause of death is the underlying cause classified according to the International Classification of Diseases (ICD-10). The age-adjusted mortality rates for the total population are adjusted using the standard 2000 U.S. population.

Infant mortality rates are presented for the time period 2018-2020 and are based on all live births regardless of birth weight or gestation. Rates for the three-year period are based on deaths and live births that occurred during that three-year period

Natality rates are generated from the Vital Statistics Unit birth files from 2018 to 2020. Pregnancy rates also include the 2018 to 2020 fetal death (spontaneous and induced) files.

Mortality and natality indicators contained in this report use the following race/ethnicity groupings: White non-Hispanic, Black non-Hispanic, Asian/Pacific Islander non-Hispanic and Hispanic. All the vital statistics presented in this report are based on the county/borough of residence.

Data are suppressed to protect individual confidentiality when population or denominator of the estimate is less than 30.

Statewide Planning and Research Cooperative System (SPARCS)

Information about hospitalizations is collected through the hospital inpatient discharge data system. Each hospitalization receives an ICD-10 code at discharge that indicates the primary reason for the hospitalization. Statistics presented in these tables are based on the primary diagnosis unless otherwise noted. This data system does not include information about events that did not result in a hospitalization, such as cases that were only treated in a hospital emergency room. Numbers and rates are based on the number of hospitalizations that occurred and not the number of individuals who were hospitalized.

Hospitalization rates in this report are from the 2018-2020 SPARCS files. The age-adjusted hospitalization rates for the total population are adjusted using the standard 2000 U.S. population.

Hospitalization-based indicators contained in this report use the following race/ethnicity groupings: White non-Hispanic, Black non-Hispanic, Asian/Pacific Islander non-Hispanic and Hispanic.

Data are suppressed to protect individual confidentiality when the number of hospitalizations is from one to five.

New York State Cancer Registry

The Cancer Registry collects, processes, and reports cancer statistics on incidence, mortality and stages of diagnoses by site. In addition to collecting information on the anatomic site of the tumor and stage of diagnosis, the registry also collects socio-demographic information, such as age, gender, ethnicity, race and residence for each individual diagnosed with cancer.

Cancer incidence, mortality and stage of diagnosis rates this report are from 2017-2019 NYS Cancer Registry files. Incidence and mortality rates are age-adjusted using the standard 2000 U.S. population.

Cancer Registry-based indicators in this report use the same race/ethnicity groupings used for the natality and mortality data: White non-Hispanic, Black non-Hispanic, Asian Pacific Islander non-Hispanic and Hispanic.

Data are suppressed to protect individual confidentiality when the number of cases is from one to five.

Graduation Rate Database, New York State Department of Education, Downloads

This database contains annual graduation, and dropout data for the state as well as by county. The data are reported by school year.

Adult Arrests by Age, Race/Ethnicity and Sex by County and Region, New York State Division of Criminal Justice Services (DCJS)

Police departments report arrests to DCJS that require fingerprints, the criteria for which are defined in state law. Arrests are reported to the state by the police department that made the arrest.

These are not rates of the number of different people who were arrested within the time period. Rather, these are rates of the number of arrests within the time-period.

Centers for Medicare & Medicaid (CMS)

The CMS's Services Mapping Medicare Disparities by Population is an interactive tool that contains health outcome measures for disease prevalence, costs, hospitalization for 60 specific chronic conditions, emergency department utilization, readmissions rates, mortality, preventable hospitalizations, and preventive services.

The race/ethnic categories used in the CMS tables follow the Census race/ethnic categories, except that in the CMS tables, Asian include Pacific Islanders.

Appendix 2 – Glossary / Technical Notes

Age-adjustment – Age-adjustment is a statistical process applied to rates of death, hospitalization, disease, or other health outcomes, which allows areas with different age structures to be compared. Age confounding occurs when the two populations being compared have different age distributions and the probability of the outcome varies across age groups. The process of age adjustment (Direct Method) used for this report changes the amount that each age contributes to the average rate in each area, so that the overall rates are based on the same age structure. Rates based on the same age distribution can be compared to each other without the presence of confounding by age.

Adjustment was accomplished by first multiplying the age-specific rates of death or hospitalization by age-specific weights. The weights used in the age adjustment of data are the proportion of the Standard Population (the U.S. population as enumerated by the Bureau of the Census, 2000) within each age group. The weighted rates are then added across the age groups to give the age-adjusted rate.

ICD-10 – The International Classification of Diseases, 10th revision.[11]

Incidence – The number of new cases of the disease or condition within a specified period of time.

Incidence rate – Cases of diseases or condition in the given year(s) divided by the population at risk in given years(s).

Mortality – Death due to the disease or condition in question.

Mortality rate – Total number of deaths from the disease or condition in given year(s) divided by the population at risk in given year(s).

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[11] International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM).
https://www.cdc.gov/nchs/icd/icd-10-cm.htm

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