

# SJC Epidemiology Report

## May 2026



Over the past 10 years, San Juan has seen an average of **104** deaths per year. This count ranged from 442 to 114 deaths. Between 2016 and 2026, the leading causes of death in San Juan County were cardiopulmonary arrest, pneumonia, and dementia, while heart disease represented a significantly higher percentage of deaths in San Juan County (**23%**) compared to the Utah State average (**20%**).

### Measles Update in Utah (as of 5/13/26)

Location	Confirmed Cases	Case Rate	Current Status
SJC	3 Limited Resident-Associated cases reported	Suppressed due to low numbers	No widespread community transmission reported
State of Utah	663 Total Cases	19.2 per 100,000 population	Active statewide outbreak

### Public Health Concerns Regarding Measles

- Declining childhood MMR vaccination rates.
- Increased spread among unvaccinated individuals
- Potential exposure in schools, healthcare facilities, and community events.
- Rural and tribal community vulnerability due to healthcare access barriers.
- Continued need for proactive vaccination outreach, education, and outbreak surveillance.

The MMR vaccine remains the most effective prevention strategy, with two doses providing approximately 97% protection against measles infection.

Adult Diabetes Prevalence Rate in SJC  
**16.6%**

**2x**

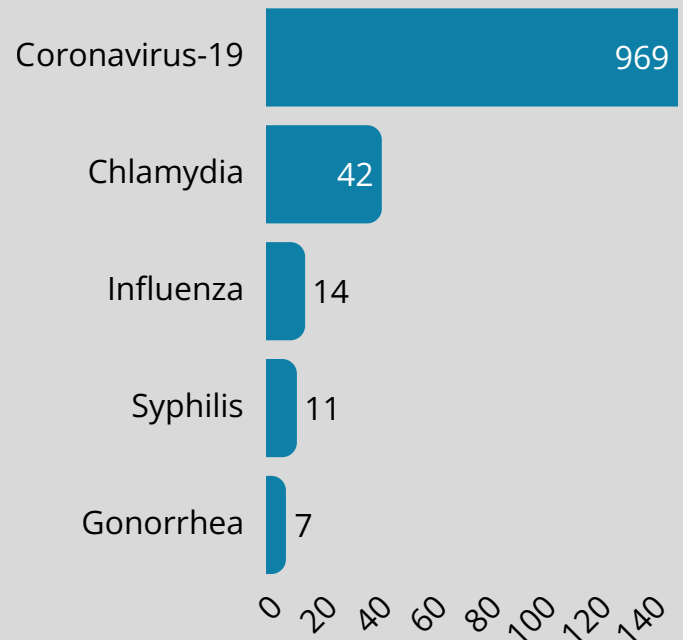
Rate compared to the Utah State Average Rate  
**8.7%**

San Juan County includes high rates of chronic disease, particularly diabetes, obesity, and cardiovascular disease. Obesity also remains a major concern, affecting approximately **37.3%** of adults in the county.

#### References

1. Utah Death Certificate Database, Utah Office of Vital Records and Statistics, 2016-2025 data queried via IBIS-PH [April, 2026].
3. Utah Department of Health and Human Services. (2022). Health indicator report: Diabetes prevalence. IBIS-PH: Indicator-Based Information.
3. Utah Department of Health and Human Services. (2026). Utah measles dashboard.

### Top 5 Diseases Reported to SJPH on average from 2021-2025



By Utah State law, 76 diseases must be reported to the public health. During the years 2018-2021, COVID-19 ranked among the top leading causes of death.

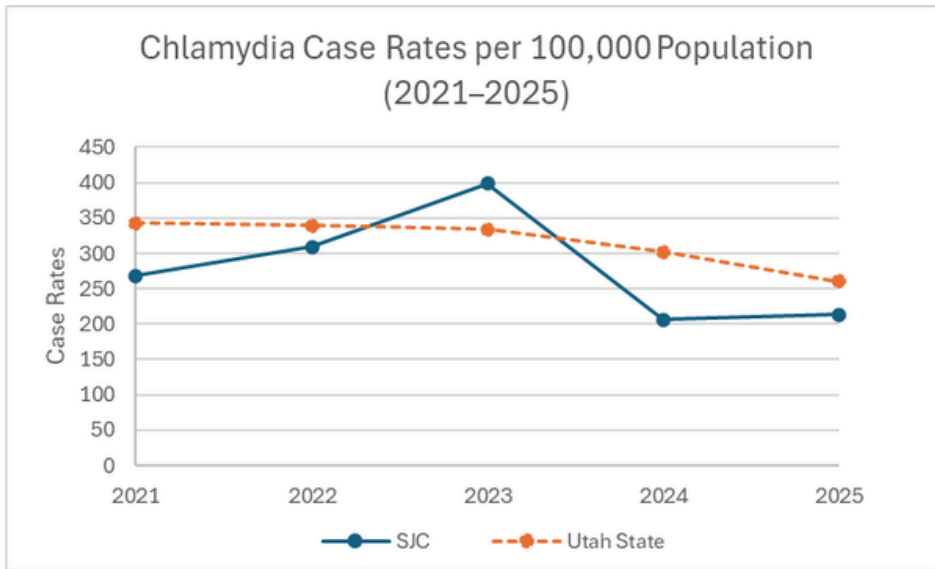
### National Hantavirus Update - Cruise Ship Exposure

As of May 14, 2026:

- National public health agencies are monitoring a hantavirus cluster linked to the M/V Hondius cruise ship.
- As of May 2026, **11** total cases have been reported internationally.
- **3** deaths have been associated with the outbreak.
- The CDC states the risk to the general U.S. public remains very low.
- There is currently **no known exposure** associated with San Juan County.
- At this time, the risk to San Juan County residents is considered **low**.
- Public health officials continue monitoring the situation and will provide updates if needed.

# 5-Year STD Case Rates: SJC vs. Utah State

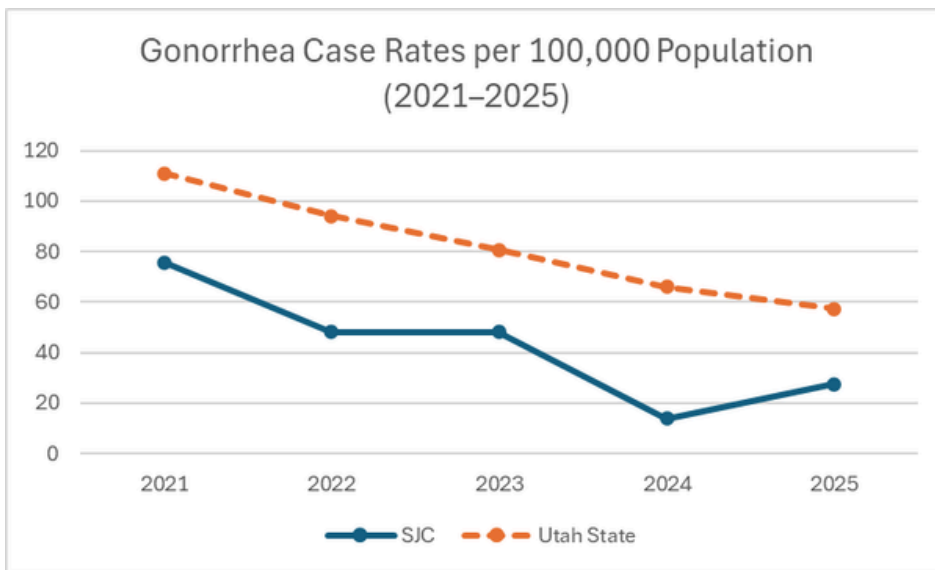
\*All confirmed and probable case counts include Chlamydia, Gonorrhea, HIV, and Syphilis from EpiTrax data.



\*Rates per 100,000 population. Source: Utah EpiTrax data, queried April 2026.

## Key Statistics for Chlamydia

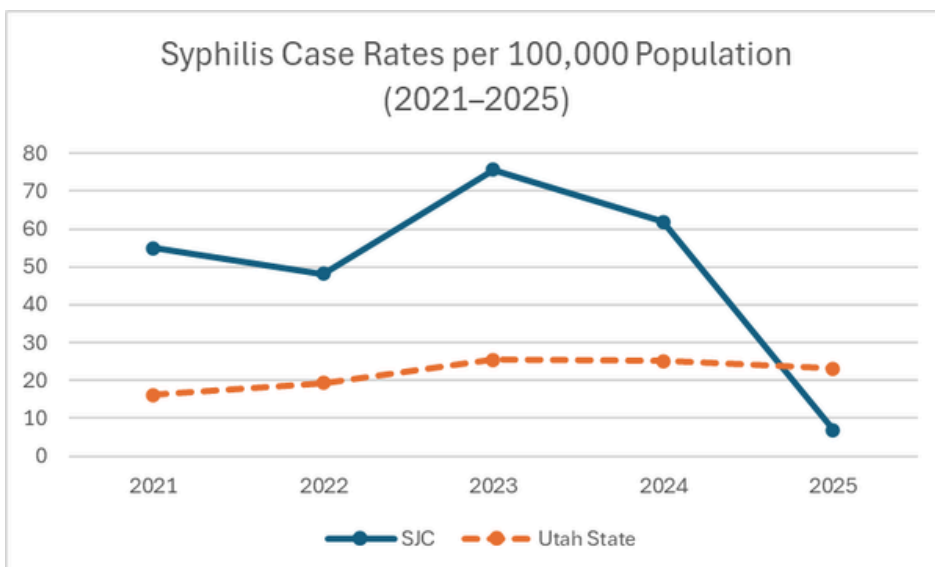
- Chlamydia rates in San Juan County peaked in 2023 at **398.8** cases per 100,000 population.
- San Juan County rates exceeded Utah rates in 2023.
- Utah statewide Chlamydia rates showed a gradual decline from **343.3** in 2021 to **260.4** in 2025.
- San Juan County experienced a sharp decrease between 2023 and 2024, declining nearly **48%**.
- Chlamydia remained the highest reported STD rate among the three diseases analyzed.



\*Rates per 100,000 population. Source: Utah EpiTrax data, queried April 2026.

## Key Statistics for Gonorrhea

- Gonorrhea rates in San Juan County remained consistently below Utah statewide rates during all years analyzed.
- Utah gonorrhea rates steadily declined from **111.0** in 2021 to **57.3** in 2025.
- San Juan County experienced its lowest gonorrhea rate in 2024 at **13.8** cases per 100,000.
- A slight increase occurred in San Juan County between 2024 and 2025.
- Overall trends suggest declining gonorrhea transmission in both San Juan County and statewide populations.



\*Rates per 100,000 population. Source: Utah EpiTrax data, queried April 2026.

## Key Statistics for Syphilis

- San Juan County syphilis rates exceeded Utah statewide rates from 2021–2024.
- The highest syphilis rate in San Juan County occurred in 2023 at **75.6** cases per 100,000 population.
- Utah statewide syphilis rates increased overall between 2021 and 2025.
- San Juan County experienced a substantial decline in syphilis rates in 2025.
- Syphilis trends in San Juan County showed greater year-to-year variability than statewide trends.