

2020 Utah STD Profile: Syphilis

Total number of syphilis cases: **353** (total) – **133** (primary/secondary), **82** (early), **138** (late/unknown)

Disease Occurrence in Local Health Districts

More than two thirds of primary and secondary syphilis, early non-primary non-secondary syphilis, and late latent syphilis/syphilis of unknown duration (**88%**, **76%**, and **78%** respectively) are found along the more populated regions of the Wasatch Front in the Davis County, Salt Lake County, and Utah County health jurisdictions.

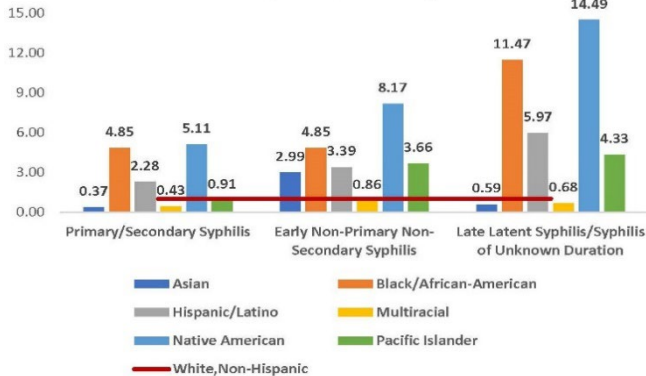
In 2020 Southwest Utah health jurisdiction was among the top four health jurisdictions in the number of overall syphilis cases, representing **5%** of overall cases.

Disease Distribution by Local Health Jurisdiction, Utah



Primary & Secondary Syphilis: Center Ring
Early Nonprimary Nonsecondary Syphilis: Middle Ring
Late Latent Syphilis & Syphilis of Unknown Duration: Outer Ring

Rate Ratio by Race/Ethnicity



Disease Occurrence Across Race and Ethnicity

Although non-White minority populations make up only 22% of the population, they account for **37%** of primary and secondary cases, **49%** of early non-primary non-secondary cases, and **60%** of late latent cases or cases of unknown duration.

Most minority populations, across all three stages of syphilis, have a rate at least **two times** higher than that of the non-Hispanic white population.

Treatment

Treatment was attempted in **97%** of primary/secondary cases; **95%** of those treatments were appropriate.

Treatment was attempted in **96%** of early cases; **95%** of those treatments were appropriate.

Treatment was attempted in **92%** of late/unknown cases; **80%** of those treatments were appropriate.

Co-Infections

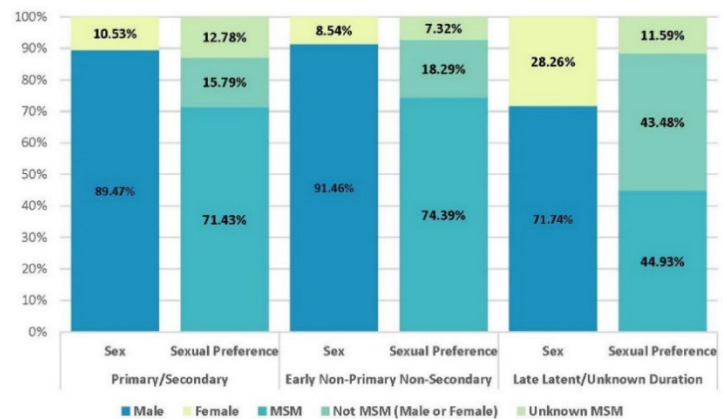
11% of all syphilis cases were diagnosed with either gonorrhea at the time of diagnosis or HIV within 14 days before or after diagnosis. **18%** of all syphilis cases have previously been diagnosed with an HIV infection.

Occurrence by Sex and Sexual Orientation

Males account for more than **83%** of cases across all three stages of syphilis, individually. Men who have sex with men (MSM) make up roughly **three-fourths** of all primary/secondary and early cases and close to **half** of late cases or cases of unknown duration.

Data indicates that MSM shoulder an astoundingly disproportionate burden of disease; this, in turn, contributes to an outsized occurrence of adverse health outcomes in this minority population.

Disease Distribution by Sex



For more detailed information, please visit the [UDOH Prevention, Treatment, and Care Site](#).

