Sexually transmitted infections in Utah: Surveillance report

2012–2021

Utah Department of Health & Human Services

Acknowledgements

The Utah Department of Health and Human Services (DHHS) recognizes the efforts of local health department personnel throughout the state of Utah who play a critical role in case investigation and data collection for cases of sexually transmitted infections (STIs).

Sexually transmitted infection data for Utah are published by DHHS Office of Communicable Diseases. Please direct questions or comments to:

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Executive summary

This report presents the sexually transmitted infection (STI) epidemic in Utah to assist with education, outcome monitoring, and program planning. It summarizes 2021 surveillance data for major notifiable STIs in Utah: chlamydia, gonorrhea, and syphilis, and focuses on newly reported cases of these infections within the state. Of the more than 75 reportable communicable diseases in Utah, chlamydia and gonorrhea are among the most frequently reported diseases, with 11,226 cases and 3,627 cases reported in 2021, respectively.

In collaboration with the 13 local health departments (LHDs) throughout the state, each syphilis, gonorrhea, and some chlamydia cases are investigated, and each case is provided partner services. Disease investigation specialists (DIS) promote prompt treatment and facilitate partner notification to interrupt the chain of disease transmission. DIS promote human immunodeficiency virus (HIV) testing, provide HIV pre-exposure prophylaxis (PrEP) referrals, sexual health education, and collect the data used to compile this report. Findings in this report should be used to identify priority populations for sexual health interventions. Among the findings of this report, the following are of particular note.

Data from the Centers for Disease Control and Prevention (CDC) ranks Utah in the top 10 lowest cases among all states in 2021. The following is a ranking of Utah's STI cases nationally: chlamydia (44), gonorrhea (42), primary and secondary syphilis (44), and congenital syphilis (45).

2021 rates of gonorrhea and primary and secondary (P&S) syphilis all represent 10-year highs.

The majority of infections are reported along the more populous Wasatch Front: 80% of chlamydia infections, 90% of gonorrhea infections, and 86% of P&S syphilis infections in 2021.

Racial and ethnic minorities continue to shoulder a disproportionate burden of STIs in Utah.

The rate of chlamydia increased by 2.9% from 2020.

Two-thirds of the chlamydia cases reported in 2021 were among people aged 15–24.

The rate of gonorrhea has increased 26% since 2012 (the lowest rate reported in the time frame).

In 2021, 60% of gonorrhea cases were among people aged 20–34.

The rate of P&S syphilis has increased 313% since 2012 to 6.2 cases per 100,000 persons.

Since 2012, 71% of P&S syphilis cases in men have been among men who have sex with men (MSM).

Introduction

This report consists of 6 sections: a section for the impacts of the COVID-19 pandemic, a section each for chlamydia, gonorrhea, and P&S syphilis; a section specific to chlamydia and gonorrhea in adolescents aged 15 to 19 and young adults aged 20 to 24; and a section with tables. Each disease-specific section contains text and figures that summarize data and display trends. The "Adolescents and young adults" section takes a more detailed look at the chlamydia and gonorrhea incidence in this vulnerable age group. The "Tables" section includes data for STIs by age group, sex, race/ethnicity, geography, sexual orientation in males, and testing data. Finally, the appendix contains a map of the 13 LHDs and a table listing the counties in each district's service area.

Technical notes

The Utah Communicable Disease Rule requires healthcare providers and laboratories report cases of chlamydia, gonorrhea, and syphilis to their LHD or the Utah Department of Health and Human Services (DHHS) Office of Communicable Diseases within 3 working days of identification.[1] Upon receipt, these reports are entered into Utah–National Electronic Disease Surveillance System (UT-NEDSS), a secure statewide disease surveillance system. The cases in this report are classified by Centers for Disease Control and Prevention's (CDC) *Morbidity and Mortality Weekly Report (MMWR)* year unless otherwise noted.

Population data used to calculate rates were obtained from the Population Estimates Query Module from the DHHS Center for Health Data and Informatics, Indicator-Based Information System for Public Health (IBIS-PH). Population estimates are provided by Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

In this report, missing and unknown age group, sex, and race/ethnicity data were not redistributed; therefore, incidence rates may be underestimated, particularly rates by race/ethnicity.

[1]Utah Code Annotated. R386-702 Communicable Disease Rule. http://www.rules.utah.gov/publicat/code/r386/r386-702.htm

Impacts of the COVID-19 pandemic

During 2020, the COVID-19 pandemic led to disruptions in STI-related prevention and care activities, including decreased screening during the initial shelter-in-place orders due to clinical closures and lack of resources, including a vaccine. STI program resources, including STI case investigators, were also redirected to COVID-19 activities which further delayed non-emergent disease investigations. Because STIs often do not show symptoms, screening is necessary for adequate diagnosis and treatment. Changes in access to healthcare affected the number of infectious diseases being diagnosed and reported.

The COVID-19 pandemic significantly affected trends in STIs—potentially resulting in underreporting of infections and possible increased STI transmission. It's likely these effects will persist for several years, and it may be difficult to understand the full impact of the pandemic on STIs. As a result, STI surveillance data collected during 2020 and 2021 should be interpreted cautiously.

Chlamydia

Background

Chlamydia trachomatis infections are the second most reported communicable disease in both Utah and the United States.[2] In 2021, 11,226 cases of chlamydia were reported in Utah. Between 2012 and 2021,[2] Utah's chlamydia rate was 68% of the U.S. rate (Figure 1).[3] Utah's chlamydia rate increased 26% from 266.5 cases per 100,000 population in 2012 to 336.3 cases per 100,000 population in 2021. The increase in chlamydia rates may be an actual increase in disease trends or the result of increased screening efforts, use of increasingly sensitive diagnostic tests, increased reporting by providers and laboratories, and/or improved information systems for reporting.

Over the past 10 years, chlamydia rates in females have averaged twice that of males (Figure 2), most likely a result of higher rates of screening in women for this usually asymptomatic infection. Females with chlamydial infection are at risk for developing pelvic inflammatory disease (PID), and both men and women may become infertile as a result of untreated chlamydial infections. Susceptibility to more serious infections, such as HIV, increases when an individual is infected with chlamydia. In addition, pregnant women who have chlamydia can pass the infection to their infants during delivery, potentially resulting in pneumonia or neonatal ophthalmia.

[2]Centers for Disease Control and Prevention (2021) Tables-Sexually Transmitted Disease Surveillance data, 2021.

[3]Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance 2021.*Atlanta: U.S. Department of Health and Human Services; 2021.

Figure 1. Chlamydia rates, Utah and United States, 2012–2021

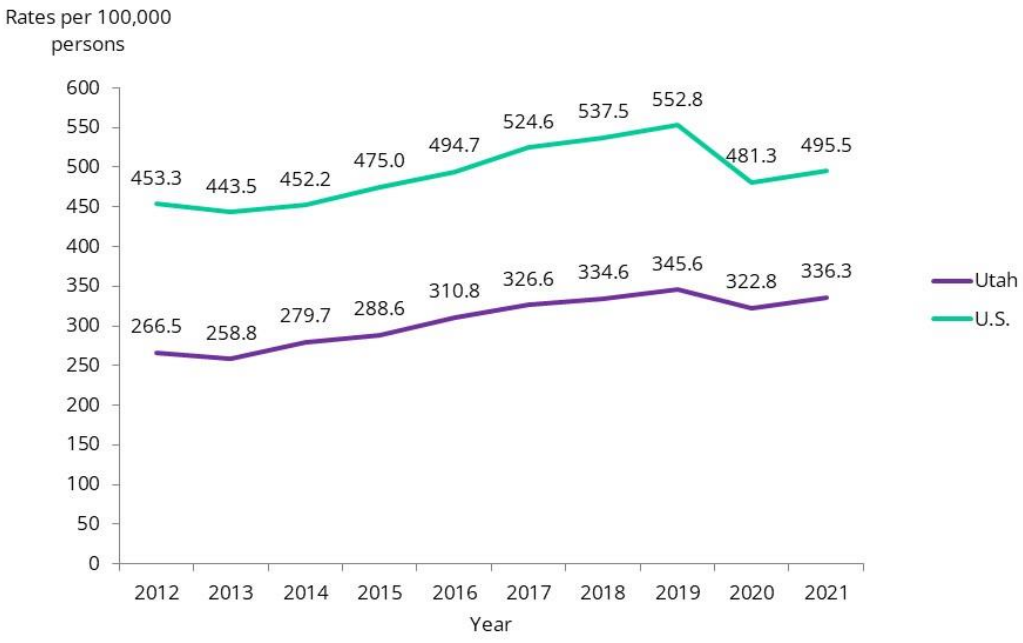
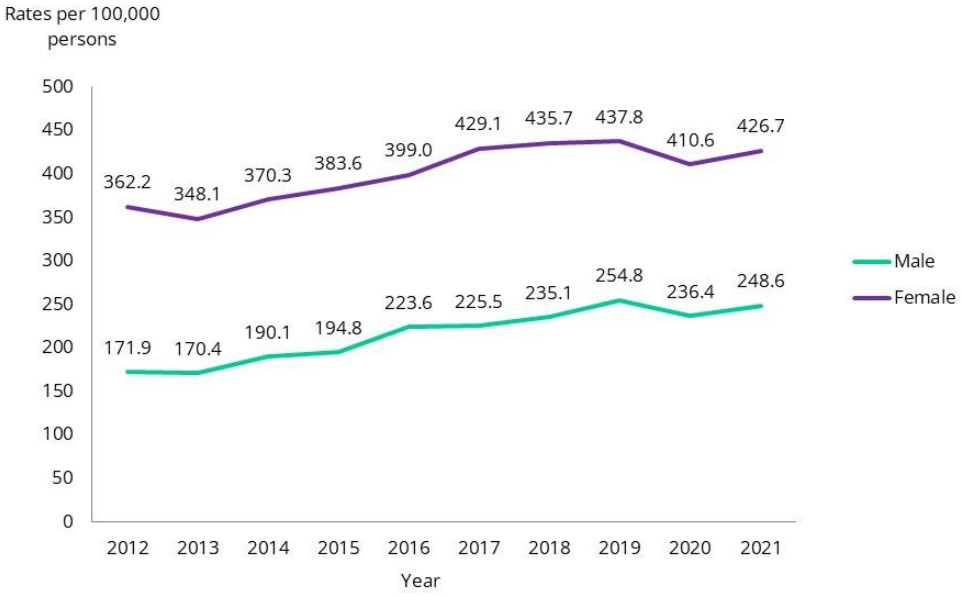


Figure 2. Chlamydia rates by sex, Utah and United States, 2012–2021



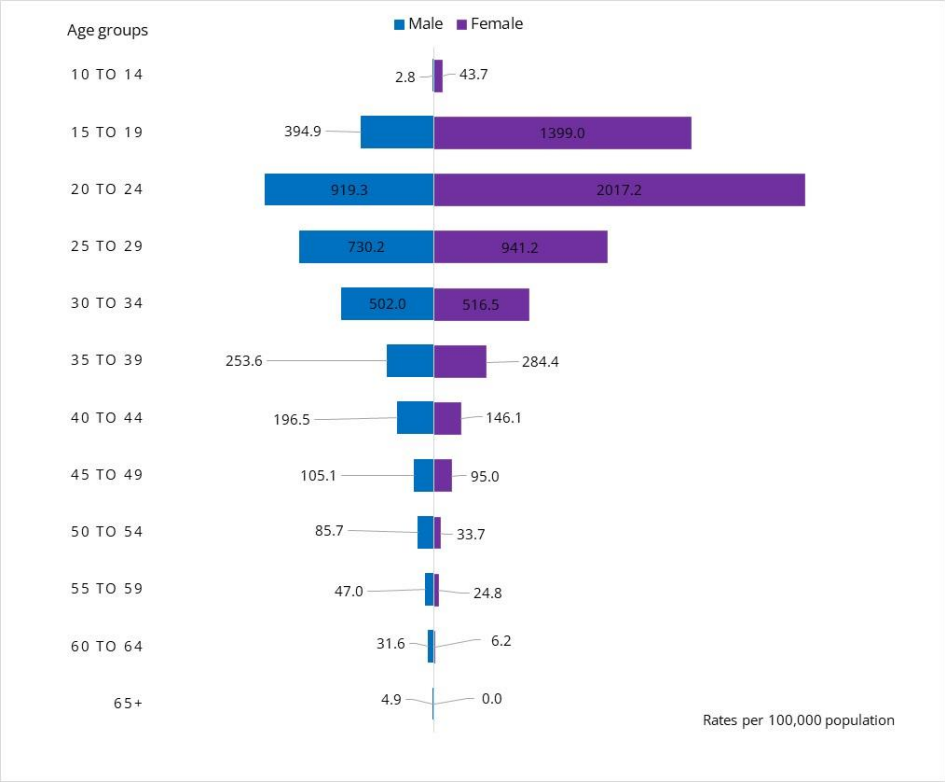
Chlamydia by age group

During the 2012–2021 time period in Utah, chlamydia rates increased in all age groups between 15–64 years old with rate increases ranging from 23% in the 15 to 19-year-old age group to more than 400% in those between 55–59 years old (Table 2). Although the rates in older adults are not as high as in younger age groups, this demonstrates the need to target prevention messages to a wide range of age groups.

Chlamydia by sex

Two-thirds of the chlamydia cases reported in Utah in 2021 were among people aged 15–24. The highest rates of infection were reported among females aged 20–24 (2,017.2 cases per 100,000 population) and aged 15–19 (1,399.0 cases per 100,000 population). The highest rate of infection reported in males was among men aged 20–24 (919.3 cases per 100,000 population) (Figure 3).

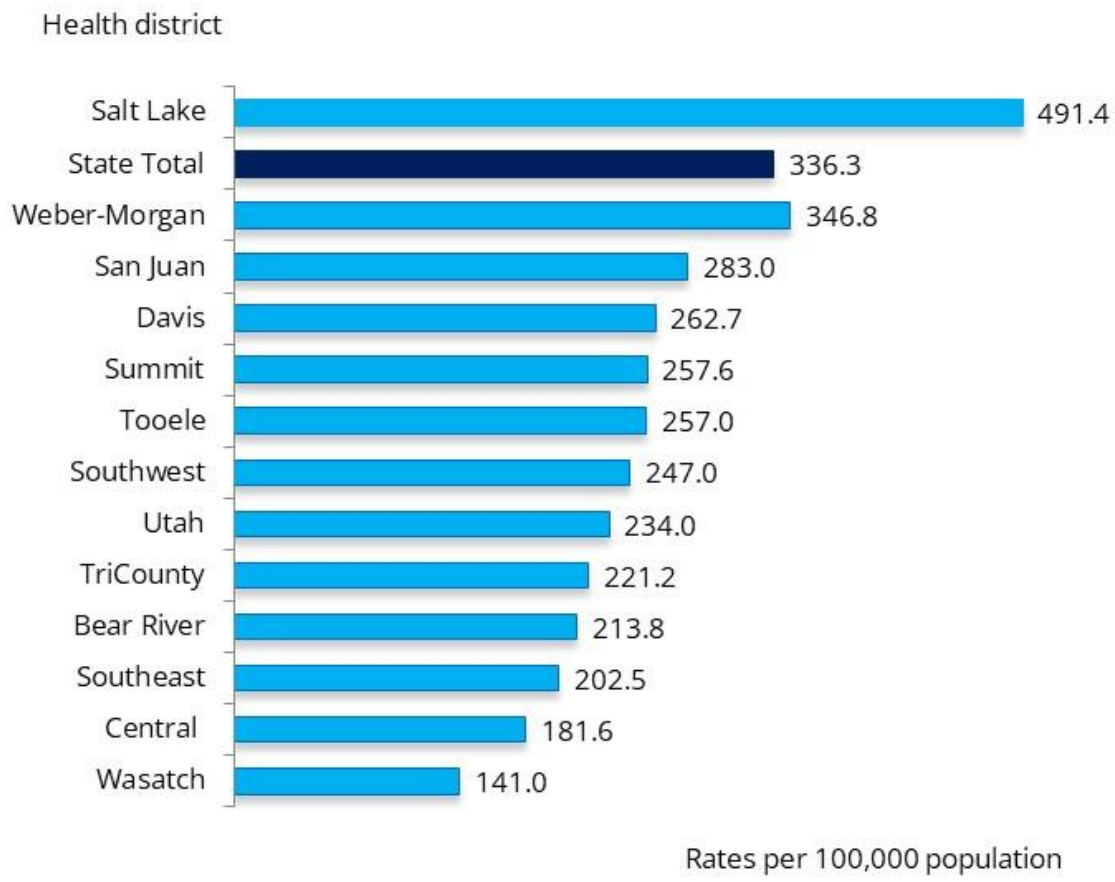
Figure 3. Chlamydia rates by age group and sex among persons aged >= 10 years, Utah, 2021



Chlamydia by region

In 2021, one LHD in Utah had chlamydia rates higher than the state rate: Salt Lake County health district (491.4 cases per 100,000 population) (Figure 4). Similar to prior years, the majority of chlamydial infections were identified in the 4 health districts along the Wasatch Front: Salt Lake (51.9% of cases), Utah (14.2% of cases), Weber-Morgan (8.6% of cases) and Davis (8.5% of cases).

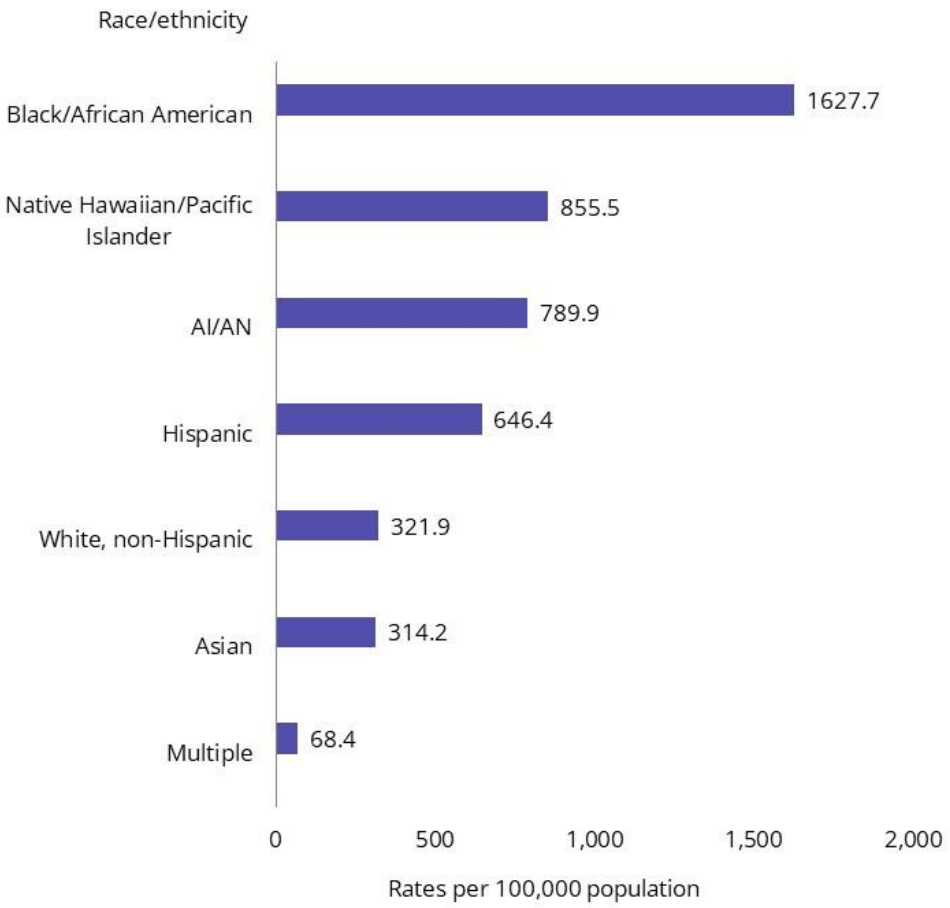
Figure 4. Chlamydia rates by local health district, Utah, 2021



Chlamydia by race/Hispanic ethnicity

In 2021, the highest chlamydia rates among the major racial and ethnic groups in Utah were reported among people who are of non-Hispanic Black/African American populations (1,627.7 cases per 100,000 population) and individuals who are of Native Hawaiian or Pacific Islander populations (855.5 cases per 100,000 population), followed by individuals who are of American Indian/Alaska Native and those who are of Hispanic populations (789.9 and 646.4 cases per 100,000 population, respectively) (Figure 5). Racial/ethnic minorities continued to be disproportionately affected by chlamydia in 2021. In comparison, rates among people who are of non-Hispanic White populations were 321.9 cases per 100,000 population.

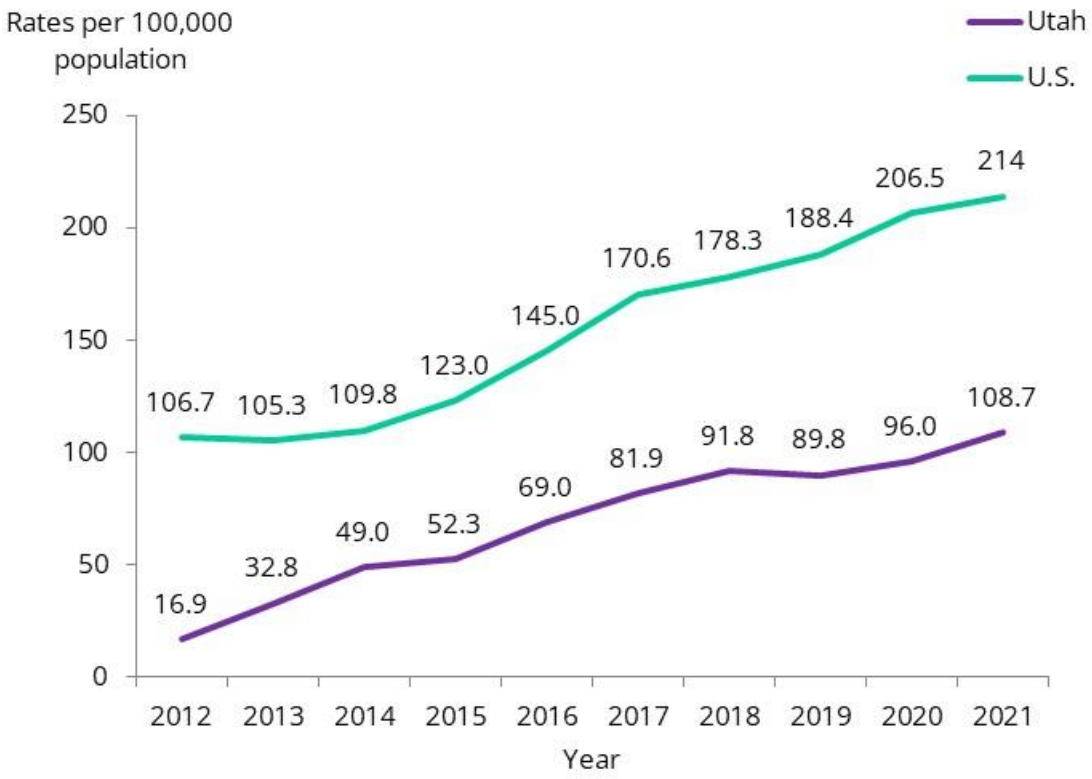
Figure 5. Chlamydia rates by race/ethnicity, Utah, 2021



Gonorrhea

In 2021, 3,627 cases of gonorrhea were reported in Utah. Gonorrhea was the third most frequently reported communicable disease. Utah's gonorrhea rate was 51% of the U.S. rate in 2021, up from 16% of the U.S. rate in 2012 (Figure 7). Following a 40% increase of Utah's gonorrhea rate between 2004 and 2006, when the rate peaked at 35.2 cases per 100,000 population, Utah's gonorrhea rate decreased annually to the lowest rate of 9.8 in 2011. The rate increased to 108.7 cases per 100,000 population in 2021, an increase of 1,009% from the 2012 rate.

Figure 7. Gonorrhea rates, Utah and United States, 2012-2021



Gonorrhea by sex

Gonorrhea rates among males in Utah have consistently been higher than among females for the past 10 years (Figure 8). Rates among males averaged about 2 times higher than females from 2017 to 2021. More than half of male gonorrhea cases in 2012 were among MSM. This percentage has decreased from 52% in 2012 to 42% in 2021; however, the percentage of cases associated with unknown sexual orientation increased from 23% in 2012 to 29% in 2021 (Figure 9).

Figure 8. Gonorrhea rates by sex, 2012–2021

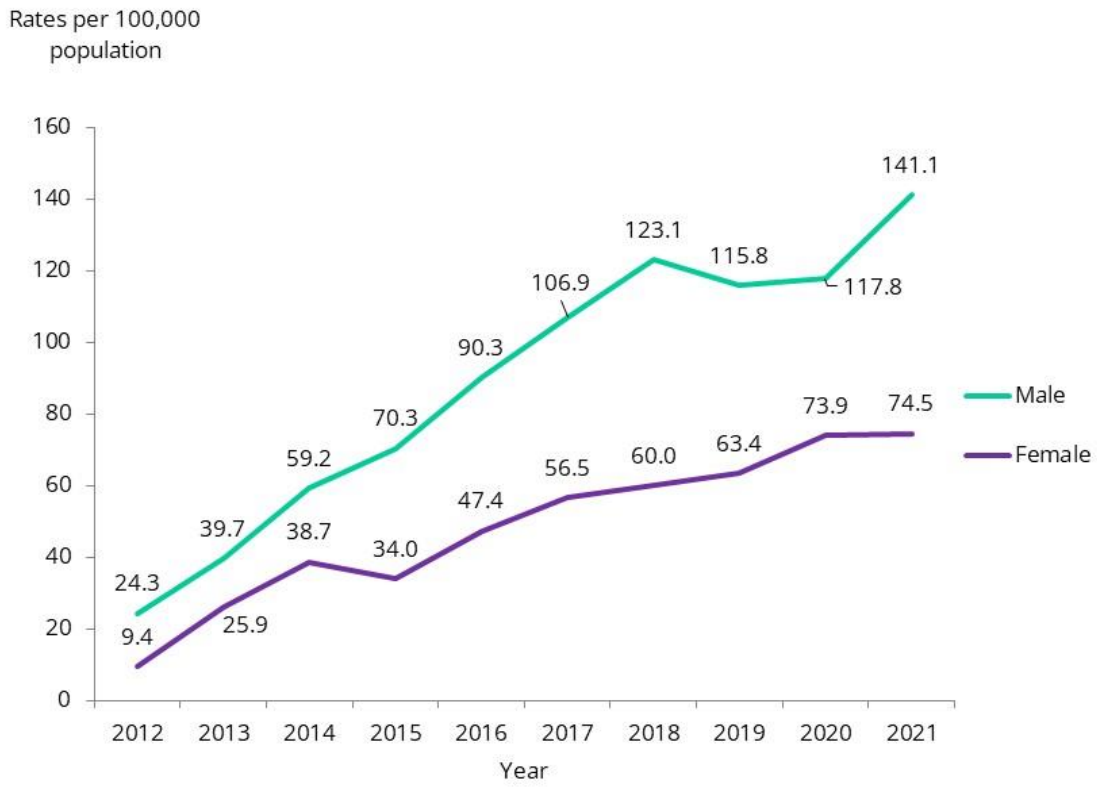
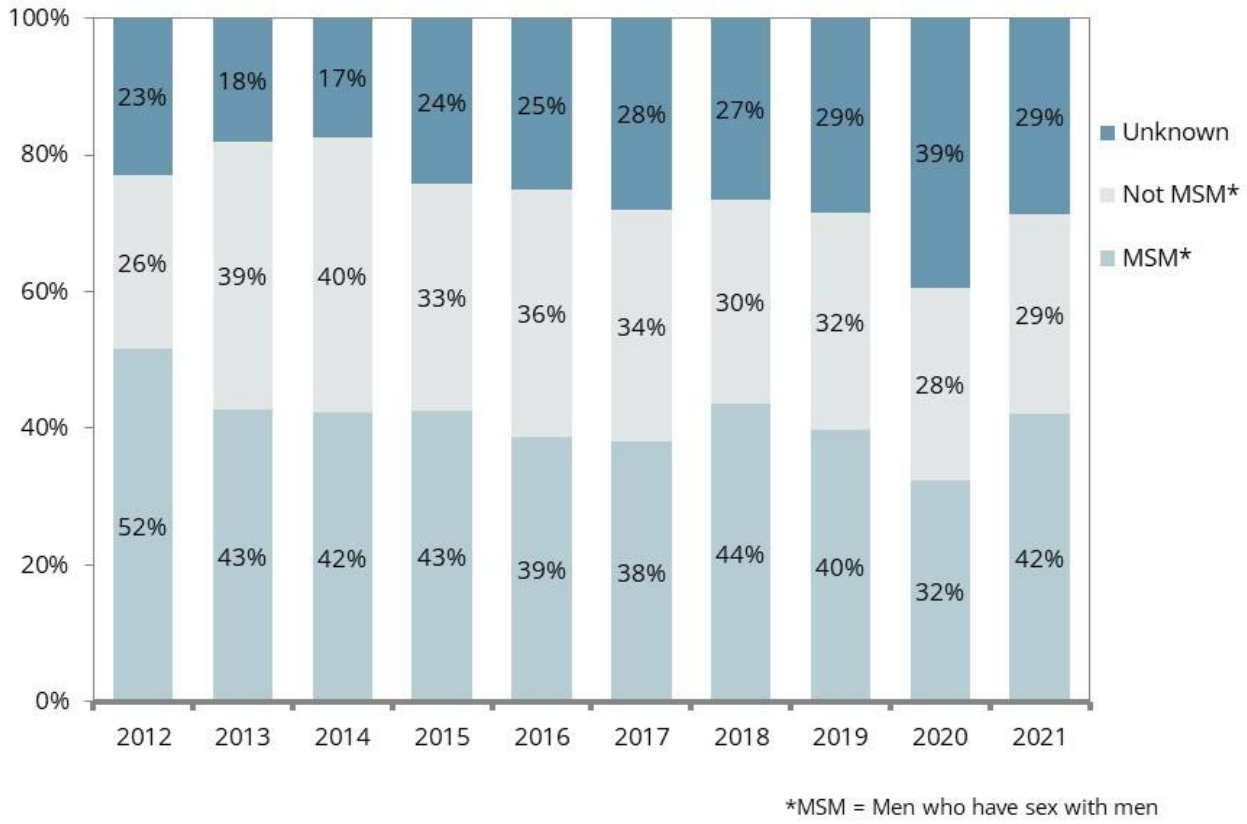


Figure 9. Percentage of male gonorrhea cases by sexual orientation, 2021



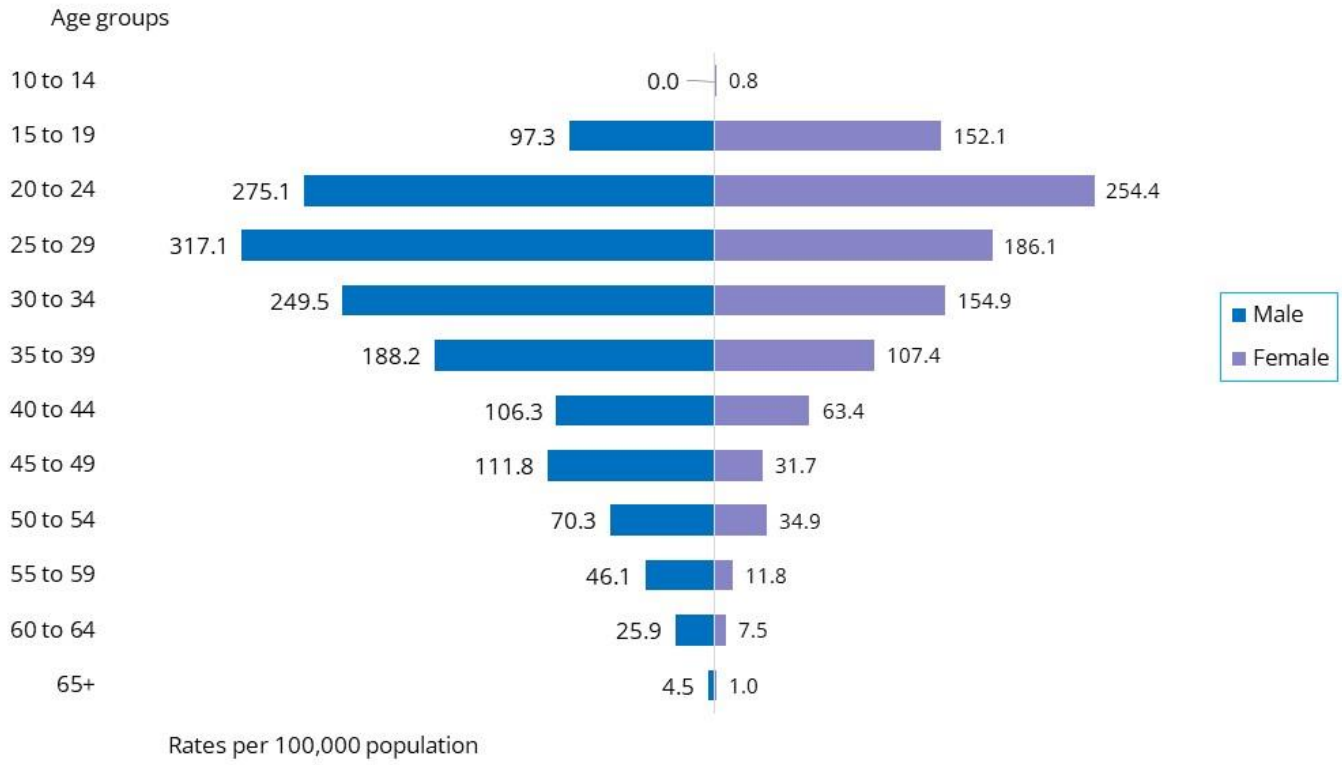
Adverse health effects from gonorrhea

Untreated gonorrhea infections can damage the reproductive system in both males and females. Females who have gonorrhea infection are at risk for developing pelvic inflammatory disease (PID). Males who have gonorrhea are at risk for developing epididymitis. Gonorrhea can spread to joints and become systemic (disseminated gonorrhea). Susceptibility to infections, such as HIV, increases in individuals infected with gonorrhea. Furthermore, pregnant women who have gonorrhea can pass the infection to their infant during delivery, potentially resulting in ophthalmia neonatorum.

Gonorrhea by age

In 2021, 59% of the reported gonorrhea cases in Utah were among people aged 20–34. In males, the highest rates of infection were in the 25–29 age group (407.9 cases per 100,000 population) followed by the 30–34 age group, and s20–24 age group (374.6 and 284.1 cases per 100,000 population, respectively) (Figure 10). In females, the highest rate of infection was among people aged 20–24 (254.4 cases per 100,000 population). Although the rates were lower, the largest percentage rate increase from 2020 to 2021 was among people aged 60–64.

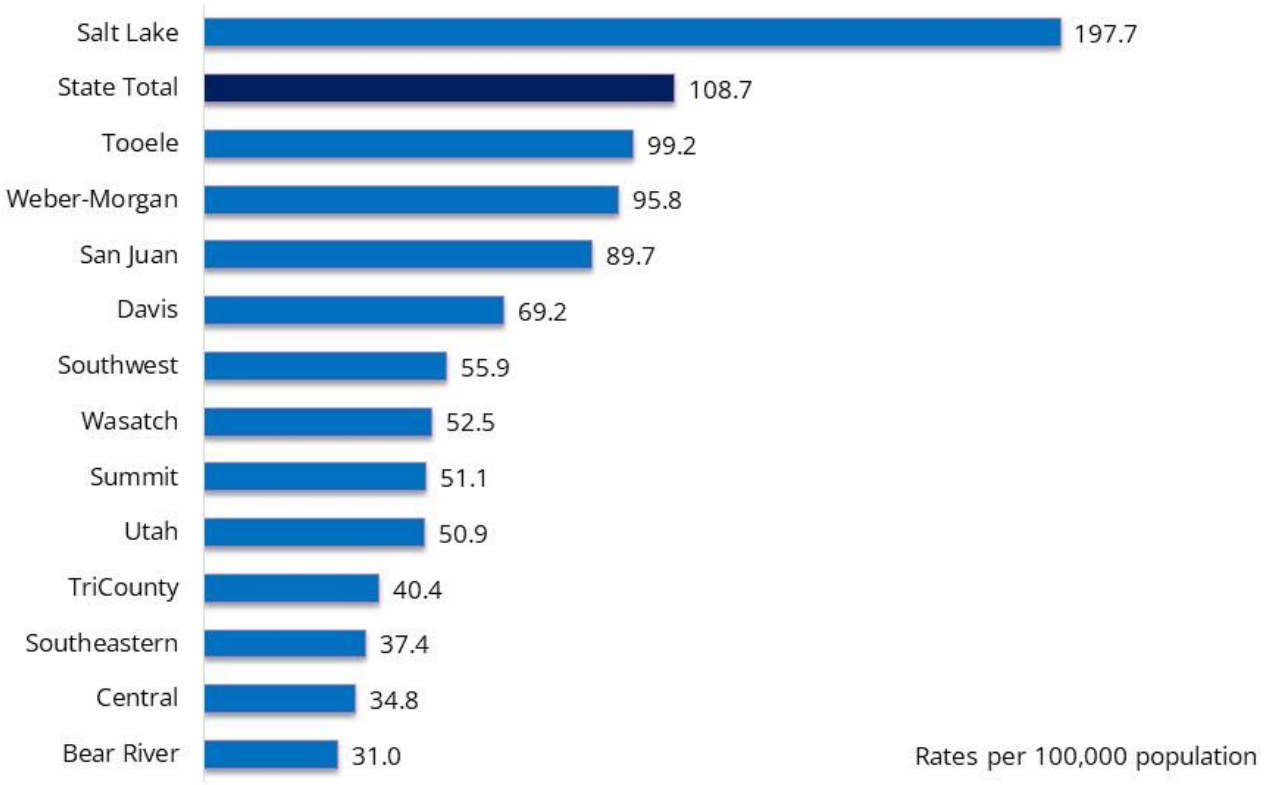
Figure 10. Gonorrhea rates by age group and sex among persons aged >= 10 years, Utah, 2021



Gonorrhea by local health district

In 2021, one LHD in Utah had gonorrhea rates higher than the state rate: Salt Lake County health district (197.7 cases per 100,000 population) (Figure 11). Similar to prior years, the majority of cases were identified in 4 health districts along the Wasatch Front: Salt Lake (64.6%), Utah (9.6%), Weber-Morgan (7.3%), and Davis (7.0%).

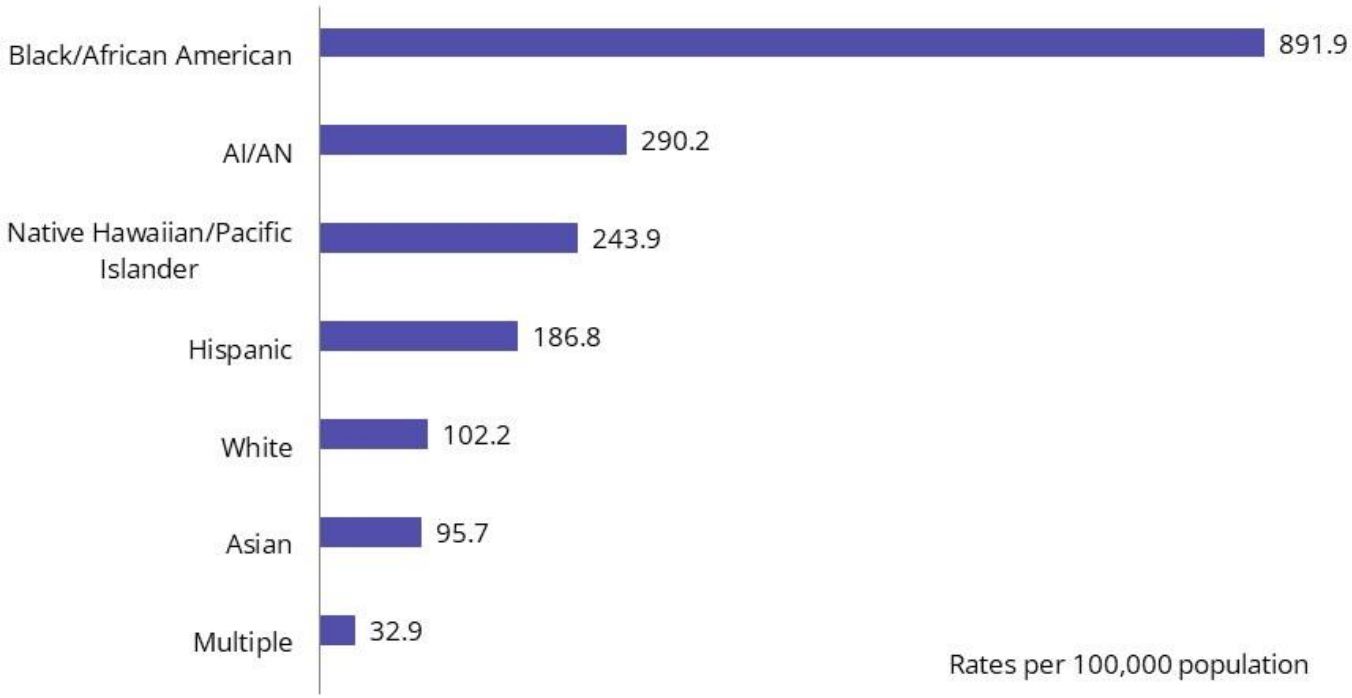
Figure 11. Gonorrhea rates by local health district, Utah, 2021



Gonorrhea by race/ethnicity

In 2021, the highest gonorrhea rate among the major racial and ethnic groups in Utah was reported among people who are of non-Hispanic Black/African American populations (891.9 cases per 100,000 population), followed distantly by individuals who are of American Indian/Native Alaska and Native Hawaiian or Pacific Islander populations, (891.9, 290.2, and 243.9 cases per 100,000 population, respectively) (Figure 12).

Figure 12. Gonorrhea rates by race/ethnicity, Utah, 2021



Primary and secondary syphilis

Background

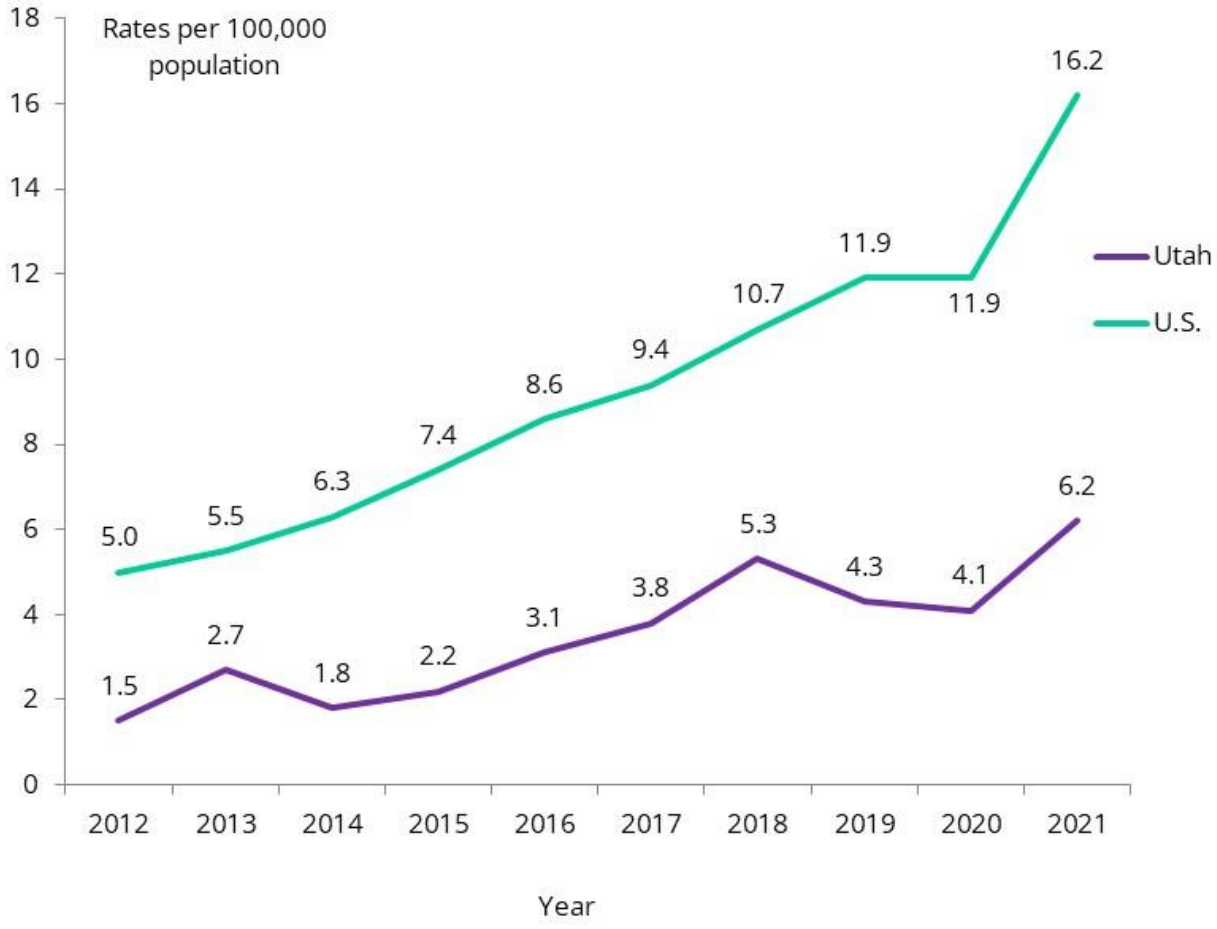
Syphilis is a complex sexually transmitted infection comprised of several stages throughout the duration of the infection. The initial stage, primary syphilis, is characterized by a highly infectious, painless open sore at the site of infection called a chancre. Syphilis is passed from person-to-person through direct contact with the chancre. Sexual transmission can also occur during the secondary stage of syphilis when there is widespread hematogenous spread of the organism throughout the body. An infant can acquire syphilis through the placenta. In later stages of the disease, bacteria moves throughout the body, damaging many organs over time. Significant complications typically occur when syphilis is left untreated. Due to the open nature of the syphilitic sores, untreated syphilis facilitates the transmission of the human immunodeficiency virus (HIV).

The P&S stages of syphilis are considered to be the most infectious stages and are the focus of this report. In 2021, 207 cases of P&S syphilis were reported in Utah compared with 133 cases in 2019. The P&S syphilis rate in Utah in 2021 was 6.2 cases per 100,000 persons.

Rates in Utah

The P&S syphilis rate in Utah has risen and fallen over the past 10 years and has often been inconsistent with the national trend during the same periods of time, either rising or falling much more sharply than what is seen at the national level (Figure 13). In 2012, was 1.5 cases per 100, 000 population but has since increased. In 2021, the rate increased to 6.2 cases per 100,000 population. In 2021, Utah's syphilis rate was 38% of the national rate.

Figure 13. Primary and secondary syphilis rates, Utah and U.S., 2012–2021



Syphilis by sex

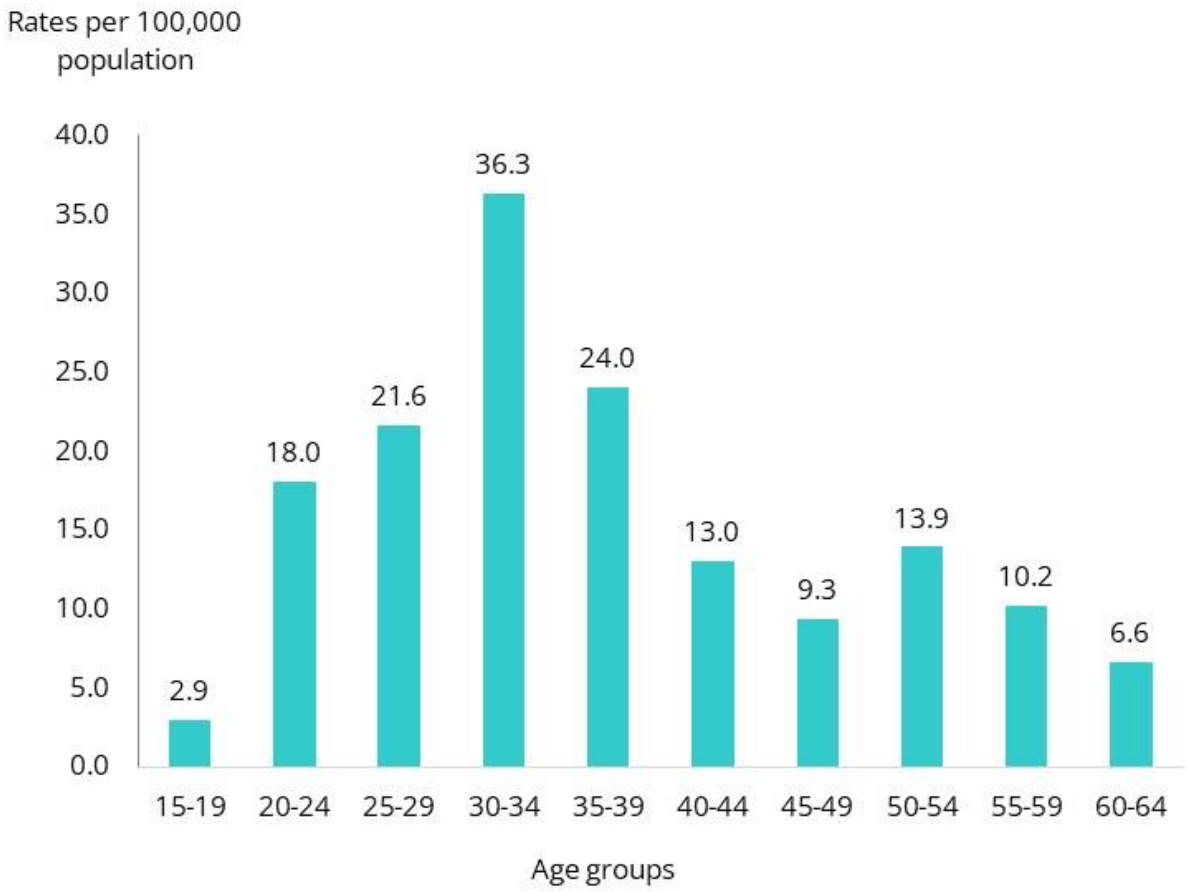
P&S syphilis rates in males were significantly higher than in females throughout the past decade in Utah (Figure 14). No cases of P&S syphilis were diagnosed among females 10 years ago.

Figure 14. Syphilis rates by sex, Utah, 2012–2021

Syphilis by age group

The highest P&S syphilis rates in Utah in 2021 were among men aged 30–34 (20.1 cases per 100,000 population) and men aged 35–39 (24.0 cases per 100,000 population) (Figure 15). P&S syphilis cases were reported in all the 15–64 age groups. This highlights the need to target prevention messages to a wide range of age groups.

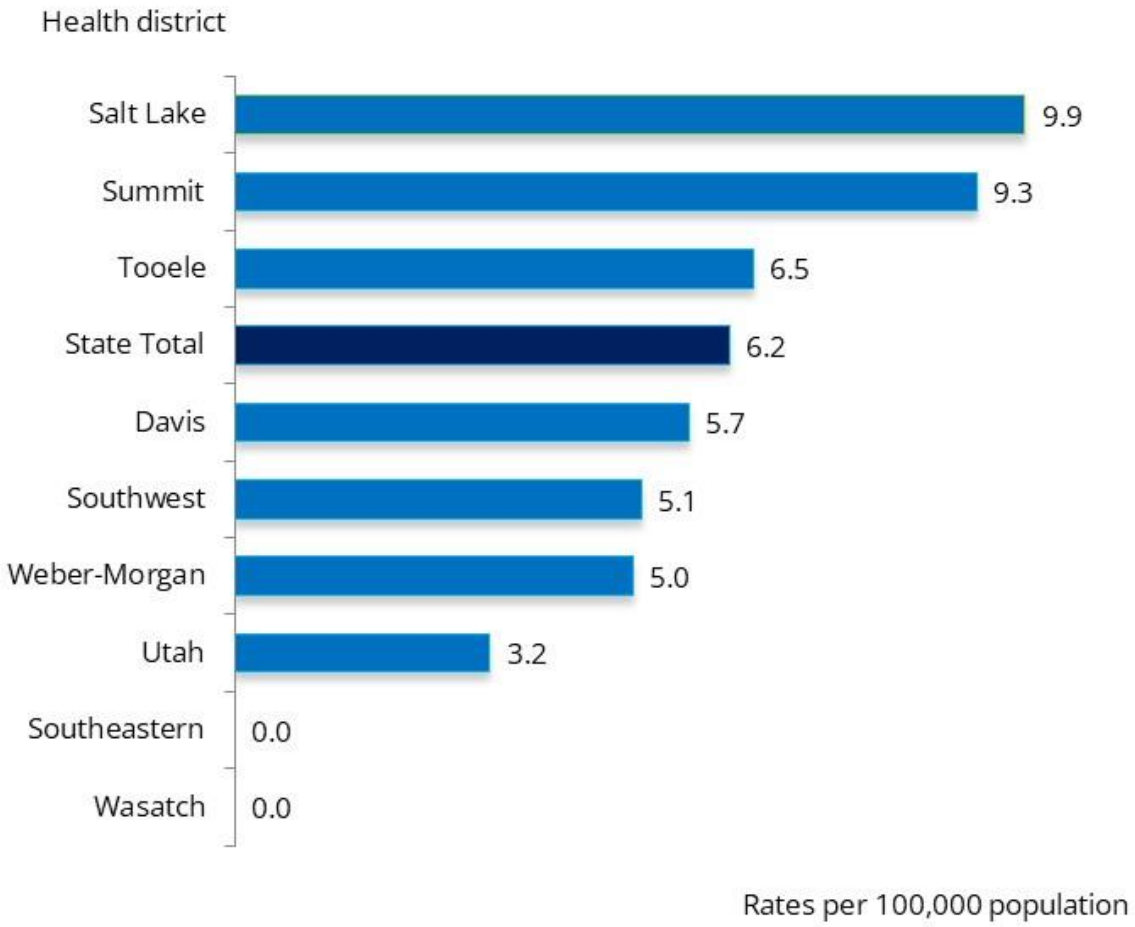
Figure 15. Primary and secondary syphilis rates in males by age group, Utah, 2021



Local syphilis by health district

In 2021, 11 health districts in Utah reported P&S syphilis cases (Figure 16). Salt Lake County health district accounted for 57% of the P&S cases in Utah in 2021, with a rate of 9.9 cases per 100,000 population.

Figure 16. Primary and secondary rates by local health district, Utah, 2021

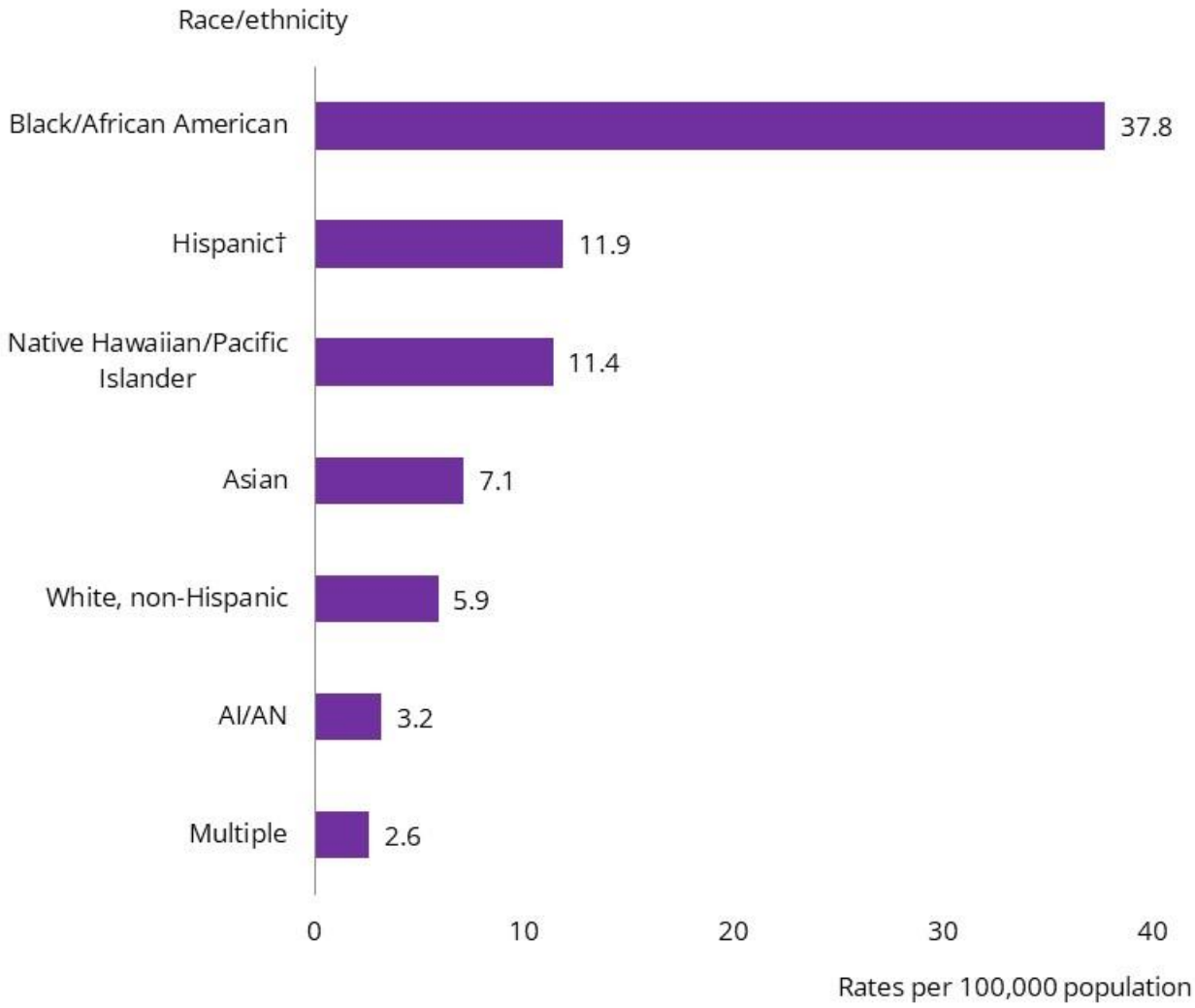


Note: LHDs with suppressed P&S syphilis rates are not displayed on the graph.

Syphilis by race/ethnicity

Of the 207 cases of P&S syphilis reported in Utah in 2021, the highest rates were among the following racial and ethnic groups: people who are of Hispanic populations (11.9 cases per 100,000) and people who are of non-Hispanic White populations (5.9 cases per 100,000 population) (Figure 17).

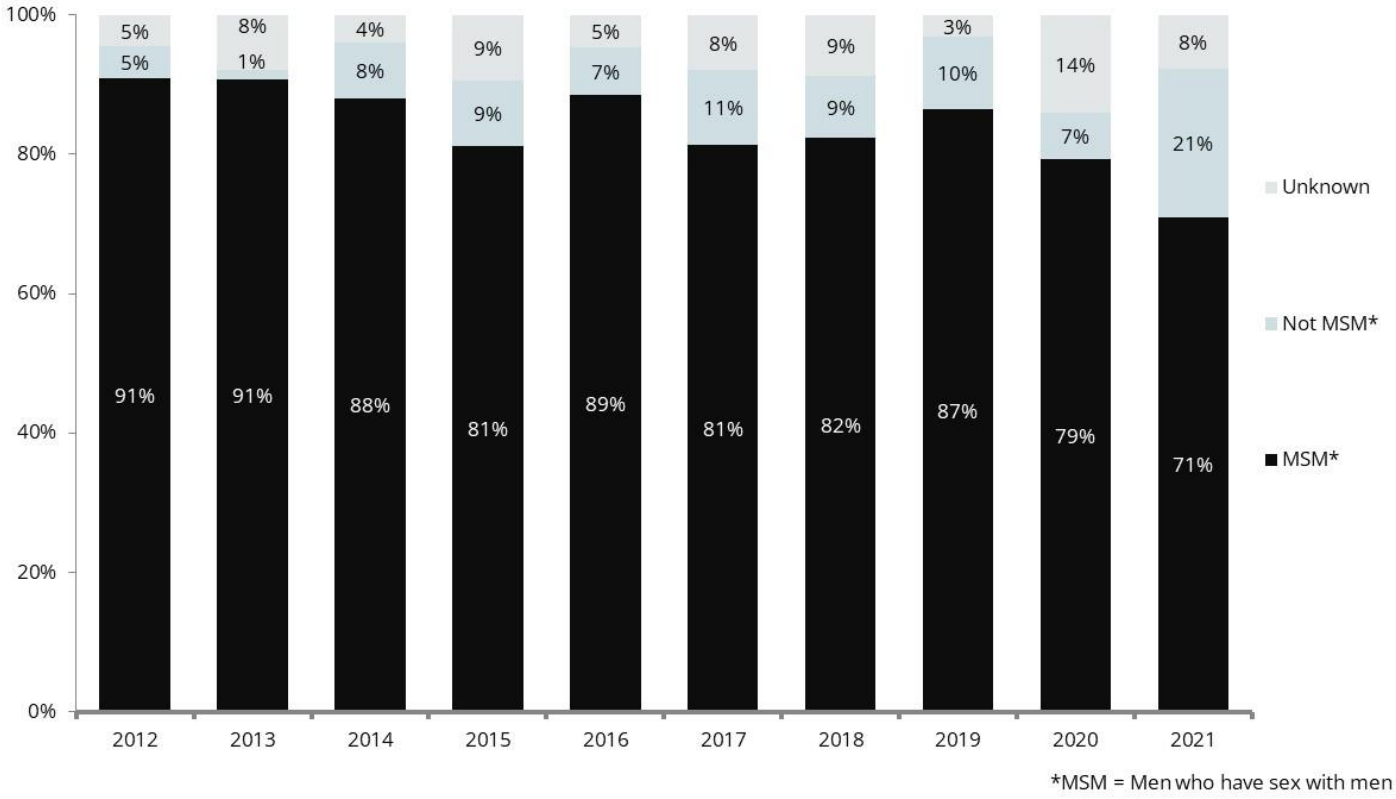
Figure 17. Primary and secondary syphilis rates by race/ethnicity 2021.



Syphilis by sexual orientation

Since 2012, the majority of male syphilis cases have been among MSM. In 2021, 71% of the P&S cases in men have been among MSM (Figure 18).

Figure 18. Primary and secondary rates by sexual orientation, Utah, 2012–2021



Chlamydia and gonorrhea in adolescents and young adults

In both Utah and the United States, adolescents 15 to 19 years of age and young adults aged 20 to 24 have higher incidences of chlamydia and gonorrhea. In 2021, people aged 15 to 24 represented 16% of Utah's population; yet this population accounted for 55% of chlamydia cases and 31% of gonorrhea cases. The increased rate of STIs can be attributed to increased risky sexual behavior among adolescents and young adults and increased screening among this age group.

Chlamydia

Chlamydia rates steadily increased in people aged 15–19 and 20–24 from 2013 to 2021, except for 2020 (Figure 19). During this 10-year period, the chlamydia rate increased on average by 3% in males aged 15–19, 3% in males aged 20–24. Rates decreased on average by 8% in females aged 15–19 and had an average increase of 2% in females aged 20–24.

Throughout this period, the rate in females aged 15–19 was about 4 times that in males of the same age; in people aged 20–24, the female rate was about twice that of males.

In 2021, the distribution of disease in adolescents and young adults varied by age. Adolescents aged 15 and 16 years old had the lowest rates of chlamydia in both males and females (Figure 20). The rates increased with age and peaked in females at age 21 (2,838.9 cases per 100,000 population) and in males at age 19 (1,118.4 cases per 100,000 population). The rate of chlamydia in females was greater than that of males at every age; and the rate ratios generally decreased with age.

Figure 19. Chlamydia rates by age group and sex in adolescents and young adults, Utah, 2012–2021

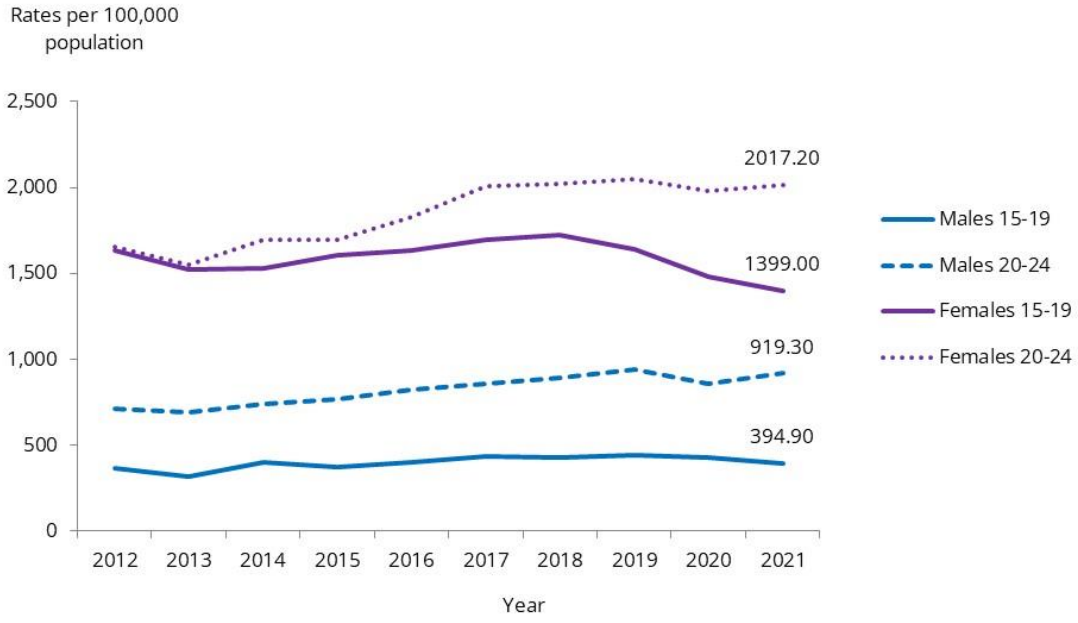
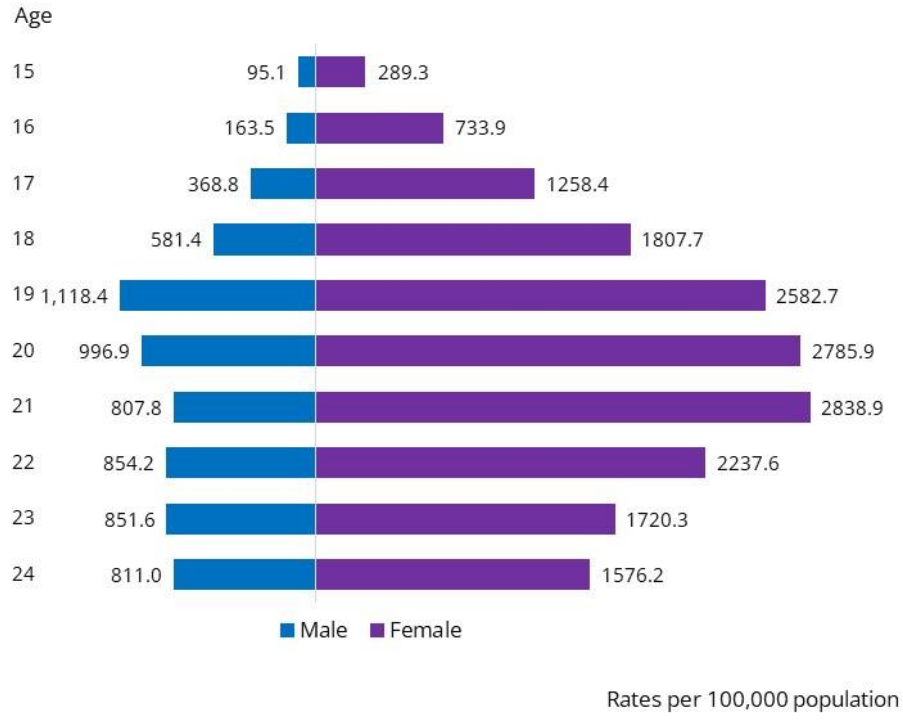


Figure 20. Chlamydia rates by age and sex in adolescents and young adults, Utah, 2021



Gonorrhea

Gonorrhea rates in those aged 15–24 have continued on a general upward trend since 2012; previously, rates had declined for several years. Rates in both 15–19-year-olds and 20–24-year-olds increased more than 800% since the lowest rates in the past 10 years.

Previous to 2020, there were general upward trend rates in adolescents and young adults, however, from 2020 to 2021, rates in males 15–19 years of age decreased by 5% and males aged 20–24 years old decreased by 4%. In this same time frame, the rates in females decreased by 6% in females aged 15–19 and 5% in females aged 20–24.

Rates among males and females 15–19 years old have steadily increased in the past 10 years (Figure 21). The rates between the sexes in this age group showed males had more than twice the rate of females in 2012; and females had higher rates from 2013 to 2021. Between 2012–2021, females had an average 33% rate increase compared to the 23% rate increase seen in males.

Among males and females aged 20–24, males have consistently had higher rates of gonorrhea. In 2012, male rates in this age group were about twice that of female rates; however, in 2013, the gonorrhea rate of females aged 20–24 more than doubled, rendering the male and female rates similar. From 2013–2019, rates in females in this age group did not increase at the same rate as males. However, in 2019, males saw a decrease in rates by 18% and females saw an increase in rates by 26%. Consequently, in 2021, there was an 11% difference in rates among males and females compared to the 52% difference in rates in 2012.

In 2021, the distribution of disease in adolescents and young adults varied by age (Figure 22). Adolescent males and females aged 15–17 had the lowest gonorrhea rates. Rates in males were higher than in females of the same age in people 21 years or older. The highest rate in males was among young men 24 years old (324.4 cases per 100,000 population) and the highest rate in females was among young women 20 years old (401.1 cases per 100,000 population).

Figure 21. Gonorrhea in adolescents and young adults, Utah, 2012–2021

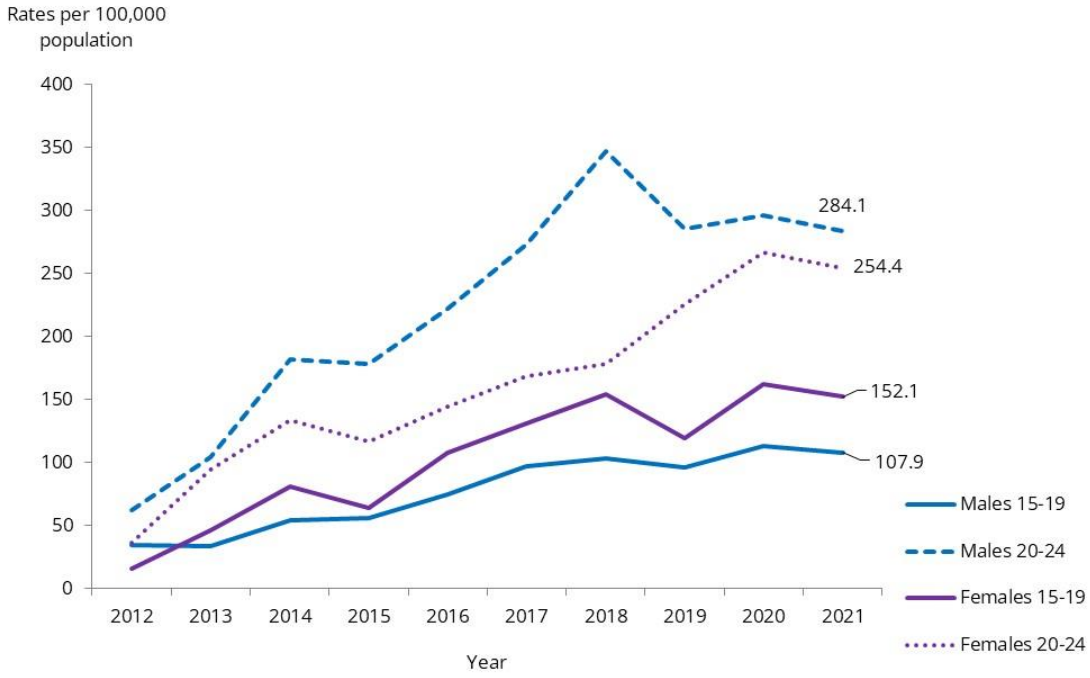
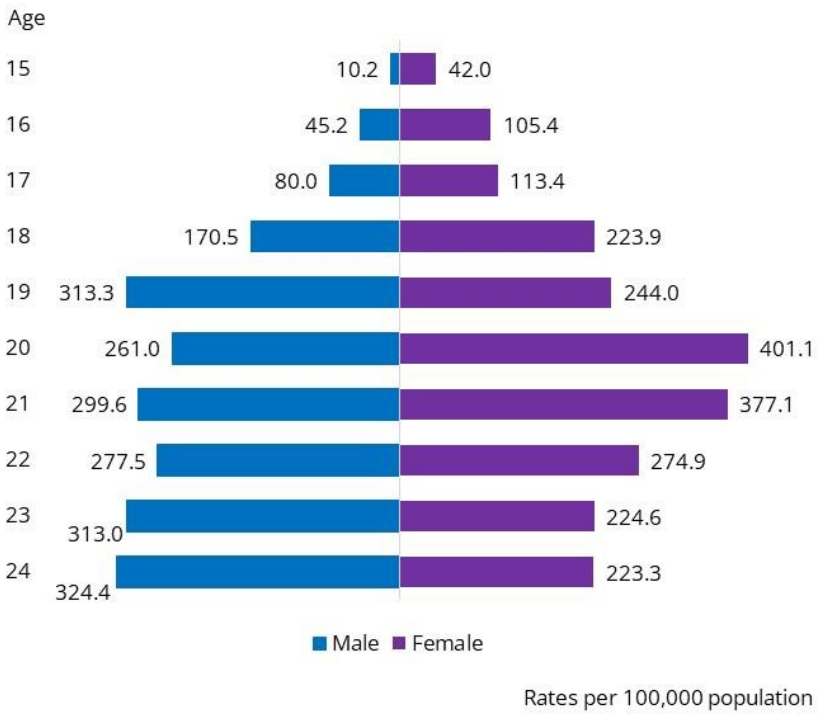


Figure 22. Gonorrhea rates by age and sex in adolescents and young adults, Utah, 2021



Tables

Table 1. Cases of sexually transmitted diseases and rates per 100,000 population, Utah and United States (U.S.), 2012–2021

	Chlamydia			Gonorrhea			Primary and secondary syphilis		
	Utah		U.S.	Utah		U.S.	Utah		U.S.
Year	Cases	Rate	Rate	Cases	Rate	Rate	Cases	Rate	Rate
2012	7607	266.5	453.3	483	16.9	106.7	44	1.5	5
2013	7501	258.8	443.5	951	32.8	105.3	79	2.7	5.5
2014	8218	279.7	452.2	1440	49.0	109.8	53	1.8	6.3
2015	8611	288.6	475.0	1560	52.3	123.0	66	2.2	7.4
2016	9460	310.8	494.7	2100	69.0	145.0	93	3.1	8.6
2017	10135	326.6	524.6	2541	81.9	170.6	117	3.8	9.4
2018	10558	334.6	537.5	2895	91.8	178.3	168	5.3	10.7
2019	11072	345.6	552.8	2878	89.8	188.4	138	4.3	11.9
2020	10491	322.8	481.3	3120	96.0	206.5	133	4.1	12.7
2021	11226	336.3	495.5	3627	108.7	214	207	6.2	16.2

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

Table 2. Chlamydia cases and rates by age group and sex, Utah, 2012-2021

Sex	Age groups (years)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Male	<1	<11	<11	0	0	<11	<11	<11	<11	0	0	19.4*	—	0.0	0.0	—	—	—	—	0.0	0.0
	1 to 9	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10 to 14	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	4.1*	—	—	6.2*	7.6*	5.2*	5.1*	—	—	—
	15 to 19	410	362	458	439	483	535	542	569	563	549	367.7	318.9	397.9	373.1	399.5	432.3	428.0	440.6	431.1	394.9
	20 to 24	875	866	934	979	1061	1117	1185	1276	1188	1330	714.7	691.5	741.9	767.0	822.7	855.1	890.4	940.4	857.1	919.3
	25 to 29	544	616	656	646	761	831	801	953	875	947	493.2	567.2	597.0	577.7	646.5	672.5	630.2	737.6	665.3	730.2
	30 to 34	322	316	336	357	463	446	532	522	491	595	280.1	273.6	293.5	315.8	416.1	405.6	484.3	466.6	430.3	502.0
	35 to 39	149	161	194	218	291	258	297	363	327	317	152.3	157.3	182.2	197.2	254.8	221.6	252.3	309.1	281.4	253.6
	40 to 44	71	79	112	121	159	131	145	187	184	226	83.6	90.6	125.5	132.5	169.0	132.7	139.9	172.9	163.1	196.5
	45 to 49	49	45	56	64	92	88	99	97	105	102	64.7	59.7	73.3	81.3	111.9	103.6	113.1	107.8	113.9	105.1
	50 to 54	26	20	44	48	63	46	58	58	71	74	33.8	25.9	57.2	63.0	83.7	61.1	77.1	76.0	90.0	85.7
	55 to 59	<11	<11	13	33	22	45	42	47	43	37	11.3*	6.9*	17.8	44.4	29.2	59.3	54.9	61.4	56.5	47.0
	60 to 64	<11	<11	<11	<11	14	<11	17	21	16	24	—	8.4*	6.4*	14*	20.9	13*	24.0	29.2	21.8	31.6
	65+	0	<11	<11	<11	<11	11	<11	15	<11	<11	0.0	—	—	—	4.7*	7.1*	4.9*	8.8	—	4.9*
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Male total	2466	2484	2810	2925	3427	3525	3735	4112	3871	4214	171.9	170.4	190.1	194.8	223.6	225.5	235.1	254.8	236.4	248.6
Female	<1	<11	<11	0	<11	0	<11	0	0	0	<11	—	—	0.0	—	0.0	—	0.0	0.0	0.0	—
	1 to 9	<11	<11	0	0	0	0	<11	0	<11	<11	—	—	0.0	0.0	0.0	0.0	—	0.0	—	—
	10 to 14	55	37	49	47	53	48	46	43	41	59	47.2	31.0	40.3	38.1	42.3	37.6	35.4	33.0	31.4	43.7
	15 to 19	1743	1651	1684	1815	1900	2018	2099	2051	1871	1840	1630.3	1520.0	1528.4	1605.4	1643.1	1693.1	1720.0	1642.0	1478.6	1399.0
	20 to 24	1991	1890	2088	2079	2246	2499	2553	2641	2603	2736	1656.5	1574.4	1697.9	1692.5	1828.7	2009.2	2019.2	2048.8	1982.6	2017.2
	25 to 29	705	773	792	871	912	1053	1100	1158	1051	1148	663.0	735.0	749.6	808.8	809.4	899.1	916.7	948.5	852.8	941.2
	30 to 34	374	382	457	477	473	483	511	474	501	597	338.0	343.5	412.7	436.4	434.1	447.2	474.6	436.1	452.6	516.5
	35 to 39	156	161	187	224	250	285	271	324	272	323	165.6	163.4	182.6	210.2	226.9	253.0	237.9	284.6	241.3	284.4
	40 to 44	66	78	93	89	122	124	136	141	181	166	80.8	92.8	108.3	101.3	134.7	130.7	136.3	135.2	166.3	146.1
	45 to 49	22	24	36	42	46	63	58	75	53	87	29.6	32.7	48.6	55.2	58.0	76.6	68.4	86.4	59.5	95.0
	50 to 54	16	13	14	27	20	16	29	29	28	28	20.5	16.6	17.9	35.1	26.4	21.4	39.2	38.7	36.3	33.7
	55 to 59	<11	<11	<11	11	<11	14	11	17	11	19	8.3*	8.1*	8*	14.4*	7.7*	17.8	13.9*	21.6	14.1*	24.8
	60 to 64	<11	0	<11	<11	<11	<11	<11	<11	<11	<11	—	0.0	—	—	—	8.3*	6.8*	6.6*	7.8*	6.2*
	65+	<11	0	0	<11	<11	0	<11	<11	<11	0	—	0.0	0.0	—	—	0.0	—	—	—	0.0
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Female total	5141	5017	5408	5686	6033	6610	6823	6960	6620	7012	362.2	348.1	370.3	383.6	399.0	429.1	435.7	437.8	410.6	426.7
Total	<1	<11	<11	0	<11	<11	<11	<11	<11	0	<11	11.9*	—	0.0	—	—	—	—	—	0.0	—
	1 to 9	<11	<11	0	0	0	0	<11	0	<11	<11	—	—	0.0	0.0	0.0	0.0	—	0.0	—	—
	10 to 14	60	41	51	55	63	55	53	46	45	63	25.1	16.8	20.5	21.8	24.5	20.9	19.8	17.1	16.7	22.7
	15 to 19	2153	2013	2142	2254	2383	2553	2641	2620	2434	2390	985.8	906.2	950.8	977.0	1004.8	1050.8	1062.0	1031.3	946.6	883.5
	20 to 24	2866	2756	3022	3058	3307	3616	3738	3917	3791	4068	1181.3	1114.1	1214.3	1220.9	1313.4	1418.0	1440.4	1480.4	1404.6	1451.3
	25 to 29	1249	1389	1448	1517	1673	1884	1901	2111	1926	2094	576.6	649.7	671.8	691.1	726.2	782.8	769.3	840.1	756.0	832.1
	30 to 34	696	698	793	834	936	929	1043	996	992	1191	308.5	307.9	352.1	375.1	425.0	426.2	479.5	451.6	441.3	508.7
	35 to 39	305	322	381	442	541	543	568	687	599	640	158.8	160.3	182.4	203.6	241.1	237.0	245.2	297.0	261.6	268.3
	40 to 44	137	157	205	210	281	255	281	328	365	391	82.2	91.7	117.1	117.2	152.2	131.7	138.1	154.4	164.7	171.1
	45 to 49	71	69	92	106	138	151	157	172	158	189	47.3	46.4	61.2	68.4	85.4	90.3	91.1	97.3	87.2	100.2
	50 to 54	42	33	58	75	83	62	87	87	99	102	27.1	21.2	37.4	49.0	55.0	41.4	58.3	57.5	63.4	60.2
	55 to 59	14	11	19	44	28	59	53	64	54	56	9.8	7.5*	12.8	29.1	18.3	38.2	34.1	41.2	35.1	36.1
	60 to 64	<11	<11	<11	<11	17	15	22	26	22	29	—	4.1*	4.7*	7.6*	12.4*	10.6	15.2	17.6	14.6	18.6
	65+	<11	<11	<11	<11	<11	11	<11	17	<11	<11	—	—	—	—	2.8*	3.3*	2.9*	4.7	1.3*	2.3*
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total cases	7607	7501	8218	8611	9460	10135	10558	11072	10491	11226	266.5	258.8	279.7	288.6	310.8	326.6	334.6	345.6	322.8	336.3

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for reliability. Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 3. Chlamydia casaes and rates by local health district, Utah, 2012-2021

Local health district	Cases										Rates per 100,000 population									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bear River	295	251	267	348	354	353	394	391	381	427	175.2	147.6	155.6	200.1	199.3	195.5	214.3	209.4	201.1	213.8
Central	81	91	110	91	89	106	123	135	118	146	107.2	119.9	144.4	118.3	113.8	133.4	152.4	164.8	142.4	181.6
Davis	866	891	954	891	968	1143	1145	1154	954	965	274.0	276.4	290.1	266.1	283.7	329.5	326.1	324.8	265.6	262.7
Salt Lake	3932	3792	4279	4579	5107	5328	5289	5709	5454	5830	369.5	351.2	392.4	415.3	455.7	468.5	460.3	492.8	467.9	491.4
San Juan	N/A	N/A	N/A	55	54	59	43	55	15	41	N/A	N/A	N/A	360.6	351.9	386.0	280.4	361.2	98.2	283.0
Southeastern	147	168	126	69	69	70	100	91	69	81	259.9	299.8	225.7	171.3	171.7	175.9	250.0	225.8	169.5	202.5
Southwest	356	380	432	410	460	556	653	701	651	672	169.8	179.0	199.2	185.2	201.7	235.5	267.3	277.3	249.0	247.0
Summit	63	74	91	89	120	118	116	132	129	111	166.3	192.5	232.5	224.3	295.8	285.2	277.0	313.7	303.5	257.6
Tooele	118	141	143	164	159	194	187	188	176	197	197.3	232.5	232.6	261.7	246.0	287.4	267.3	260.7	236.2	257.0
TriCounty	90	112	137	118	124	111	147	97	107	126	164.4	197.2	235.2	197.8	215.4	197.9	261.1	171.2	188.1	221.2
Utah	791	774	940	974	1021	1180	1270	1362	1411	1603	146.5	140.3	167.5	169.9	172.7	194.2	204.2	214.3	216.7	234.0
Wasatch	42	38	35	29	46	42	46	57	52	51	165.7	143.0	125.8	99.6	151.2	131.1	138.2	166.6	147.3	141.0
Weber-Morgan	823	789	702	794	885	875	1043	1000	970	970	334.4	317.8	279.9	312.6	342.3	332.3	390.0	367.9	352.6	346.8
Unknown	<11	0	<11	0	<11	0	<11	0	<11	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	7,607	7,501	8,218	8,611	9,460	10,135	10,558	10,491	10,487	11,226	266.5	258.8	279.7	288.6	310.8	326.6	334.6	345.6	322.8	336.3

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for reliability. Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 4. Chlamydia cases and rates by race/ethnicity, Utah, 2012-2021

Race/ethnicity	Cases										Rates per 100,000 population									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AI/AN	200	204	186	157	174	167	176	169	154	245	728.3	738.7	665.6	556.6	610.2	578.8	604.7	571.1	511.2	789.9
Asian	117	119	140	141	185	211	222	192	185	266	192.4	188.7	213.4	207.4	258.3	279.8	284.6	239.3	224.4	314.2
Black/African American	301	325	357	336	438	477	526	561	511	646	1071.7	1122.3	1204.3	1101.3	1359.4	1399.2	1486.0	1523.6	1343.1	1627.7
Hispanic†	1965	1978	1944	2150	2417	2583	2657	2994	2898	3191	523.0	513.8	494.1	531.4	577.5	595.5	594.1	652.1	614.4	646.4
White, Non-Hispanic	4845	4678	5123	4948	5534	5884	6098	6067	5502	8298	212.0	202.1	219.0	209.1	230.2	241.3	247.1	243.0	218.1	321.9
Native Hawaiian/Pacific Islander	146	141	190	197	232	295	287	292	339	300	572.8	534.9	702.3	702.9	796.4	977.5	912.2	898.6	1008.4	855.5
2 or more	25	28	35	35	42	64	52	78	46	52	49.0	52.7	63.4	60.9	69.7	101.1	78.9	113.5	64.2	68.4
Other/Unknown	<11	28	243	647	438	454	540	719	856	1,419	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	7,607	7,501	8,218	8,611	9,460	10,135	10,558	11,072	10,491	11,226	266.5	258.8	279.7	288.6	310.8	326.6	334.6	345.6	322.8	336.3

† Includes persons of Hispanic ethnicity regardless of race.

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

Table 5. Gonorrhea cases and rates by age group and sex, Utah, 2012-2021

Sex	Age groups (years)	Cases										Rates per 100,000 population									
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Male	<1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	0	0	0	<11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—
	10 to 14	0	<11	0	<11	<11	0	0	0	0	0	0.0	—	0.0	—	—	0.0	0.0	0.0	0.0	0.0
	15 to 19	39	38	62	66	90	120	131	124	148	150	35.0	33.5	53.9	56.1	74.4	97.0	103.4	96.0	113.3	107.9
	20 to 24	76	131	229	228	286	357	462	388	410	411	62.1	104.6	181.9	178.6	221.8	273.3	347.2	285.9	295.8	284.1
	25 to 29	65	133	200	266	311	390	423	456	428	529	58.9	122.5	182.0	237.9	264.2	315.6	332.8	352.9	325.4	407.9
	30 to 34	60	100	150	163	257	272	343	333	335	444	52.2	86.6	131.0	144.2	231.0	247.4	312.3	297.6	293.6	374.6
	35 to 39	34	60	97	122	170	219	232	224	238	287	34.8	58.6	91.1	110.3	148.9	188.1	197.1	190.7	204.8	229.6
	40 to 44	27	41	49	70	111	105	139	137	153	205	31.8	47.0	54.9	76.7	118.0	106.3	134.1	126.6	135.6	178.3
	45 to 49	26	29	40	45	80	95	83	77	84	141	34.3	38.4	52.4	57.2	97.3	111.9	94.8	85.6	91.1	145.3
	50 to 54	12	33	28	51	38	53	68	59	58	109	15.6	42.8	36.4	67.0	50.5	70.5	90.4	77.3	73.5	126.3
	55 to 59	<11	<11	13	35	25	35	46	35	40	66	14.1*	12.4*	17.8	47.0	33.2	46.1	60.2	45.7	52.5	83.8
	60 to 64	0	<11	<11	<11	11	18	17	23	26	36	0.0	—	11.3*	6.2*	16.4*	26.0	24.0	32.0	35.5	47.4
	65+	0	0	0	<11	<11	<11	12	13	<11	13	0.0	0.0	0.0	3.5*	—	4.5*	7.4	7.6	5.0*	7.1
	Unknown	0	0	0	0	0	0	0	<11	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Male total	349	578	875	1,056	1,384	1,671	1,956	1,870	1,929	2,392	24.3	39.7	59.2	70.3	90.3	106.9	123.1	115.8	117.8	141.1
Female	<1	0	0	<11	0	0	0	0	0	0	0	0.0	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	<11	0	0	<11	0.0	0.0	0.0	0.0	0.0	0.0	—	0.0	0.0	—
	10 to 14	<11	<11	<11	<11	<11	<11	11	<11	<11	<11	—	—	4.1*	4.9*	4.0*	7.0*	8.5*	3.1*	3.8*	—
	15 to 19	17	50	89	72	125	156	188	149	205	200	15.9	46.0	80.8	63.7	107.5	130.9	154.1	119.3	162.0	152.1
	20 to 24	44	115	165	143	177	210	226	291	350	345	36.6	94.2	134.2	116.4	144.1	168.8	178.7	225.7	266.6	254.4
	25 to 29	23	82	119	108	160	191	198	209	236	227	21.6	78.0	112.6	100.3	142.0	163.1	165.0	171.2	191.5	186.1
	30 to 34	24	57	102	81	130	129	121	159	146	179	21.7	51.3	92.1	74.1	119.3	119.4	112.4	146.3	131.9	154.9
	35 to 39	11	35	52	55	60	85	103	87	102	122	11.7*	35.5	50.8	51.6	54.4	75.5	90.4	76.4	90.5	107.4
	40 to 44	<11	12	18	20	34	37	52	43	73	72	4.9*	14.3	21.0	22.8	37.5	39.0	52.1	41.2	67.1	63.4
	45 to 49	<11	<11	<11	13	16	27	20	38	42	29	5.4*	5.4*	12.2*	17.1	20.2	32.8	23.6	43.8	47.2	31.7
	50 to 54	<11	11	<11	<11	<11	16	<11	21	21	29	5.1*	14.0*	5.1*	6.5*	9.3*	21.4	13.5*	28.0	27.2	34.9
	55 to 59	0	<11	<11	<11	<11	<11	<11	<11	<11	<11	0.0	—	—	—	—	7.6*	7.6*	6.3*	11.6*	11.8*
	60 to 64	0	<11	0	0	<11	<11	<11	<11	<11	<11	0.0	-	0.0	0.0	—	5.5*	—	—	—	7.5*
	65+	0	0	0	0	0	0	0	<11	0	<11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—	0.0	—
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Female total	134	373	565	504	716	870	939	1,008	1,191	1,234	9.4	25.9	38.7	34.0	47.4	56.5	60.0	63.4	73.9	74.5
Total	<1	0	0	<11	0	0	0	0	0	0	0	0.0	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	<11	0	0	<11	0.0	0.0	0.0	0.0	0.0	0.0	—	0.0	0.0	—
	10 to 14	<11	<11	<11	<11	<11	<11	11	<11	<11	<11	—	—	2.0*	2.8*	3.1*	3.4*	4.1*	1.5*	1.9*	—
	15 to 19	56	88	151	138	215	276	319	273	353	350	25.6	39.6	67.0	59.8	90.7	113.6	128.3	107.5	137.3	129.4
	20 to 24	120	246	394	371	463	567	688	679	760	156	49.5	99.4	158.3	148.1	183.9	222.3	265.1	256.6	281.6	269.7
	25 to 29	88	215	319	374	471	581	621	665	664	756	40.6	100.6	148.0	170.4	204.5	241.4	251.3	264.6	260.6	300.4
	30 to 34	84	157	252	244	387	401	464	492	481	623	37.2	69.3	111.9	109.7	175.7	184.0	213.3	223.1	214.0	266.1
	35 to 39	45	95	149	177	230	304	335	311	340	409	23.4	47.3	71.3	81.5	102.5	132.7	144.6	134.5	148.5	171.4
	40 to 44	31	53	67	90	145	142	191	180	226	277	18.6	31.0	38.3	50.2	78.5	73.4	93.9	84.7	102.0	121.2
	45 to 49	30	33	49	58	96	122	103	115	126	170	20.0	22.2	32.6	37.5	59.4	73.0	59.8	65.0	69.5	90.1
	50 to 54	16	44	32	56	45	69	78	80	79	138	10.3	28.3	20.7	36.6	29.8	46.0	52.3	52.9	50.6	81.4
	55 to 59	<11	12	14	36	26	41	52	40	49	75	7.0*	8.2	9.4	23.8	17.0	26.5	33.5	25.7	31.8	48.3
	60 to 64	0	<11	<11	<11	12	22	19	24	28	42	0.0	4.1*	5.5*	3.0*	8.8	15.6	13.1	16.3	18.6	26.9
	65+	0	0	0	<11	<11	<11	12	14	<11	15	0.0	0.0	0.0	1.6*	—	2.1*	3.4	3.8	2.4*	3.9
	Unknown	0	0	0	0	0	0	0	<11	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total cases	483	951	1,440	1,560	2,100	2,541	2,895	2,878	3,120	3,016	16.9	32.8	49.0	52.3	69.0	81.9	91.8	89.8	96.0	108.3

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for reliability. Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 6. Gonorrhea cases and rates by local health district, Utah, 2012-2021

	Cases										Rates per 100,000 population									
Local health district	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bear River	<11	<11	35	17	27	49	53	39	57	62	4.8*	4.1*	20.4	9.8	15.2	27.1	28.8	20.9	30.1	31.0
Central	<11	<11	<11	<11	<11	<11	24	11	13	28	—	—	9.2*	10.4*	12.8*	11.3*	29.7	13.4*	15.7	34.8
Davis	41	64	105	93	138	184	217	228	244	254	13.0	19.9	31.9	27.8	40.4	53.0	61.8	64.2	67.9	316.0
Salt Lake	341	685	1001	1048	1436	1653	1909	1894	1990	2346	32.0	63.4	91.8	95.0	128.1	145.3	166.2	163.5	170.7	197.7
San Juan	0	0	0	<11	<11	<11	<11	16	<11	13	N/A	N/A	N/A	—	39.1*	32.7*	45.6*	105.1	32.7*	89.7
Southeastern	<11	<11	<11	<11	<11	19	21	15	12	15	8.8*	8.9*	12.5*	14.9*	14.9*	47.8	52.5	37.2	29.5	37.4
Southwest	14	16	23	55	56	88	65	84	94	152	6.7	7.5	10.6	24.8	24.6	37.3	26.6	33.2	36.0	55.9
Summit	<11	<11	<11	<11	11	<11	22	24	25	22	—	13*	23*	25.2*	27.1*	16.9*	52.5	57.0	58.8	51.1
Tooele	<11	<11	22	28	29	42	26	47	53	76	—	11.5*	35.8	44.7	44.9	62.2	37.2	65.2	71.1	99.2
TriCounty	<11	<11	<11	12	<11	14	28	25	20	23	—	10.6*	12*	20.1	10.4*	25.0	49.7	44.1	35.2	40.4
Utah	17	67	97	129	159	201	229	244	328	349	3.1	12.1	17.3	22.5	26.9	33.1	36.8	38.4	50.4	50.9
Wasatch	0	<11	<11	<11	<11	<11	<11	<11	17	19	0.0	—	—	—	29.6*	25*	—	20.5*	48.2	52.5
Weber-Morgan	44	85	124	147	206	262	290	243	260	268	17.9	34.2	49.4	57.9	79.7	99.5	108.4	89.4	94.5	95.8
Unknown	0	0	<11	0	<11	0	0	<11	<11	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	483	951	1,440	1,560	2,100	2,541	2,895	2,878	3,120	3,627	16.9	32.8	49.0	52.3	69.0	81.9	91.8	89.8	96.0	108.7

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.

Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 7. Gonorrhea cases and rates by race/ethnicity, Utah, 2012-2021

	Cases										Rates per 100,000 population									
Race/ethnicity	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AI/AN	14	20	18	25	27	35	46	66	37	90	51.0	72.4	64.4	88.6	94.7	121.3	158.0	223.0	122.8	290.2
Asian	<11	13	21	22	31	43	46	45	40	81	—	20.6	32.0	32.4	43.3	57.0	59.0	56.1	48.5	95.7
Black/African American	59	74	104	143	183	193	246	200	277	354	210.1	255.5	350.8	468.7	568.0	566.1	695.0	543.2	728.1	891.9
Hispanic[†]	85	173	322	310	479	579	591	719	781	922	22.6	44.9	81.8	76.6	114.4	133.5	132.1	156.6	165.6	186.8
White	315	660	931	909	1227	1500	1785	1666	1702	2634	13.8	28.5	39.8	38.4	51.0	61.5	72.3	66.7	67.5	102.2
Native Hawaiian/Pacific Islander	<11	<11	18	23	38	54	50	50	89	86	19.6*	26.6*	66.5	82.1	130.4	178.9	158.9	153.9	264.7	243.9
Multiple	<11	<11	<11	<11	<11	15	19	18	35	25	—	—	12.7*	8.7*	10*	23.7	28.8	26.2	48.9	32.9
Other/Unknown	<11	0	19	123	109	122	112	114	159	357	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	483	951	1,440	1,560	2,100	2,541	2,895	2,878	3,120	3,627	16.9	32.8	49.0	52.3	69.0	81.9	91.8	89.8	96.0	108.7

[†] Includes persons of Hispanic ethnicity regardless of race.

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

The data sources:Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.

Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 8. Gonorrhea cases and percent among males by sexual orientation, Utah, 2012-2021

	MSM*		Not MSM*		Unknown		Total
Year	Cases	Percent	Cases	Percent	Cases	Percent	Cases
2012	180	51.6%	89	25.5%	80	22.9%	349
2013	247	42.7%	226	39.1%	105	18.2%	578
2014	370	42.3%	353	40.3%	152	17.4%	875
2015	450	42.6%	349	33.0%	257	24.3%	1056
2016	537	38.8%	499	36.1%	348	25.1%	1384
2017	635	38.0%	568	34.0%	468	28.0%	1671
2018	851	43.5%	586	30.0%	519	26.5%	1956
2019	743	39.7%	593	31.7%	534	28.6%	1870
2020	623	32.3%	546	28.3%	760	39.4%	1929
2021	1006	42.1%	699	29.2%	687	28.7%	2392

*MSM=Men who have sex with men

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

Table 9. Primary and secondary syphilis cases and rates by age group and sex, Utah, 2012-2021

Sex	Age group (years)	Cases										Rates per 100,000 population									
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Male	<1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10 to 14	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15 to 19	0	0	<11	<11	<11	<11	<11	<11	<11	<11	0.0	0.0	—	—	5.0*	—	6.3*	—	3.1*	2.9*
	20 to 24	<11	<11	<11	<11	15	24	20	20	11	26	4.9*	8*	5.6*	5.5*	11.6	18.4	15.0	14.7	7.9*	18.0
	25 to 29	<11	14	<11	15	12	22	36	23	25	28	9.1*	12.9	8.2*	13.4	10.2	17.8	28.3	17.8	19.0	21.6
	30 to 34	<11	<11	11	<11	<11	14	31	15	25	43	8.7*	8.7*	9.6*	7.1*	9.0*	12.7	28.2	13.4	21.9	36.3
	35 to 39	<11	12	<11	<11	13	18	21	20	16	30	5.1*	11.7	5.6*	8.1*	11.4	15.5	17.8	17.0	13.8	24.0
	40 to 44	<11	<11	<11	<11	<11	<11	17	11	13	15	—	8.0*	4.5*	7.7*	9.6*	9.1*	16.4	10.2*	11.5	13.0
	45 to 49	<11	<11	<11	<11	<11	<11	11	<11	<11	<11	6.6*	6.6*	—	5.1*	6.1*	7.1*	12.6*	11.1*	9.8*	9.3*
	50 to 54	<11	<11	<11	<11	12	<11	<11	12	<11	12	—	10.4*	9.1*	6.6*	15.9	6.6*	12.0*	15.7	11.4*	13.9
	55 to 59	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	—	9.7*	—	—	—	11.9*	—	9.1*	—	10.2*
	60 to 64	0	<11	<11	<11	0	<11	0	<11	<11	<11	0.0	—	—	—	0.0	—	0.0	6.9*	6.8*	6.6*
	65+	0	<11	0	<11	<11	<11	<11	0	<11	<11	0.0	—	0.0	—	—	—	—	0.0	—	—
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Male total	44	76	50	64	87	113	159	126	121	181	3.1	5.2	3.4	4.3	5.7	7.2	10.0	7.8	7.4	10.7
Female	<1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10 to 14	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15 to 19	0	<11	0	<11	<11	0	0	<11	<11	0	0.0	—	0.0	—	—	0.0	0.0	—	—	0.0
	20 to 24	0	0	<11	0	<11	<11	<11	<11	0	<11	0.0	0.0	0.0	0.0	—	—	—	—	0.0	—
	25 to 29	0	0	0	0	0	<11	<11	<11	<11	<11	0.0	0.0	0.0	0.0	0.0	—	—	—	4.1*	4.1*
	30 to 34	0	0	0	<11	0	0	<11	<11	<11	<11	0.0	0.0	0.0	—	0.0	0.0	—	—	—	3.5*
	35 to 39	0	<11	<11	0	<11	0	0	0	0	<11	0.0	—	—	0.0	—	0.0	0.0	0.0	0.0	4.4*
	40 to 44	0	0	0	0	0	0	<11	<11	<11	<11	0.0	0.0	0.0	0.0	0.0	0.0	—	—	—	5.3*
	45 to 49	0	0	<11	0	<11	0	0	<11	<11	0	0.0	0.0	—	0.0	—	0.0	0.0	—	—	0.0
	50 to 54	0	0	0	0	<11	0	<11	<11	0	<11	0.0	0.0	0.0	0.0	—	0.0	—	—	0.0	—
	55 to 59	0	0	0	0	0	0	0	<11	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—	0.0	0.0
	60 to 64	0	0	0	0	0	0	0	0	0	<11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—
	65+	0	0	0	0	0	0	0	0	<11	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—	0.0
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Female total	0	<11	<11	<11	<11	<11	<11	12	12	26	0.0	0.1	0.2	0.1	0.4	0.3	0.6	0.8	0.7	1.6
Total	<1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10 to 14	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	15 to 19	0	<11	<11	<11	<11	<11	<11	<11	<11	<11	0.0	—	—	—	3.0*	—	3.2*	1.6*	1.9*	1.5*
	20 to 24	<11	<11	<11	<11	17	27	21	22	11	29	2.5*	4*	3.0*	2.8*	6.8	10.6	8.1	8.3	4.1*	10.3
	25 to 29	<11	14	<11	15	12	23	37	24	30	33	4.6*	6.5	4.2*	6.8	5.2	9.6	15.0	9.6	11.8	13.1
	30 to 34	<11	<11	11	<11	<11	14	35	18	27	47	4.4*	4.4*	4.9*	4.0*	4.5*	6.4	16.1	8.2	12.0	20.1
	35 to 39	<11	13	<11	<11	14	18	21	20	16	35	2.6*	6.5	3.4*	4.1*	6.2	7.9	9.1	8.6	7.0	14.7
	40 to 44	<11	<11	<11	<11	<11	<11	19	13	15	21	—	4.1*	2.3*	3.9*	4.9*	4.6*	9.3	6.1	6.8	9.2
	45 to 49	<11	<11	<11	<11	<11	<11	11	11	<11	<11	3.3*	3.4*	—	2.6*	3.7*	3.6*	6.4*	6.2*	5.5*	4.8*
	50 to 54	<11	<11	<11	<11	13	<11	<11	13	<11	14	—	5.1*	4.5*	3.3*	8.6	3.3*	6.7*	8.6	5.8*	8.3
	55 to 59	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	—	4.8*	—	—	—	5.8*	—	5.1*	—	5.2*
	60 to 64	0	<11	<11	<11	0	<11	0	<11	<11	<11	0.0	—	—	—	0.0	—	0.0	3.4*	3.3*	3.8*
	65+	0	<11	0	<11	<11	<11	<11	0	<11	<11	0.0	—	0.0	—	—	—	—	0.0	—	—
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total cases	44	78	53	66	93	117	168	138	133	207	1.5	2.7	1.8	2.2	3.1	3.8	5.3	4.3	4.1	6.2

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.
Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.
Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 10. Primary and secondary syphilis cases and rates by local health district, Utah, 2012-2021

Local health district	Cases										Rates per 100,000 population									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bear River	<11	0	0	<11	<11	<11	<11	0	<11	<11	—	0.0	0.0	—	—	—	—	0.0	—	—
Central	0	<11	0	0	0	0	<11	<11	<11	<11	0.0	—	0.0	0.0	0.0	0.0	—	—	—	—
Davis	<11	<11	<11	<11	<11	<11	17	15	<11	21	—	1.9*	—	1.8*	1.5*	1.2*	4.8	4.2	1.9*	5.7
Salt Lake	36	66	40	49	70	87	121	97	89	118	—	6.1	3.7	4.4	6.2	7.6	10.5	8.4	7.6	9.9
San Juan	0	0	0	0	0	0	0	0	<11	<11	N/A	N/A	N/A	0.0	0.0	0.0	0.0	0.0	—	—
Southeastern	0	0	0	0	0	<11	0	<11	0	0	0.0	0.0	0.0	0.0	0.0	—	0.0	—	0.0	0.0
Southwest	<11	0	0	<11	<11	<11	<11	<11	<11	14	—	0.0	0.0	—	2.2*	3.4*	—	2.4*	3.4*	5.1
Summit	0	0	0	0	<11	0	0	<11	<11	<11	0.0	0.0	0.0	0.0	—	0.0	0.0	—	—	9.3*
Tooele	0	<11	<11	0	0	<11	0	0	<11	<11	0.0	—	—	0.0	0.0	—	0.0	0.0	—	6.5*
TriCounty	0	<11	0	0	0	<11	0	0	<11	<11	0.0	—	0.0	0.0	0.0	—	0.0	0.0	—	—
Utah	<11	0	<11	<11	<11	<11	<11	<11	11	22	—	0.0	—	1.0*	1.0*	1.3*	1.1*	0.8*	1.7*	3.2
Wasatch	0	0	<11	0	0	0	0	0	0	0	—	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Weber-Morgan	<11	<11	<11	<11	<11	<11	15	<11	<11	14	—	—	2.0*	—	—	1.9*	5.6	3.3*	1.5*	5.0
Unknown	0	<11	<11	0	0	0	0	0	<11	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	44	79	53	66	93	117	168	138	133	207	1.5	2.7	1.8	2.2	3.1	3.8	5.3	4.3	4.1	6.2

Note: Cases were classified by Morbidity and Mortality Weekly Report (MMWR) year. San Juan County has been an independent LHD since 2015. Prior to 2015, it was served by the Southeast Utah LHD.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.
Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Table 11. Primary and Secondary Syphilis Cases and Rates by Race/Ethnicity, Utah, 2012-2021

Race/Ethnicity	Cases										Rates per 100,000 population									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
AI/AN	<11	<11	0	0	<11	<11	0	<11	<11	<11	—	—	0.0	0.0	—	—	0.0	—	16.6*	—
Asian	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	—	—	—	—	—	—	—	—	—	7.1*
Black/African American	<11	<11	<11	<11	<11	<11	<11	<11	<11	15	—	—	20.2*	—	15.5*	20.5*	19.8*	21.7*	15.8*	37.8
Hispanic[†]	<11	<11	<11	20	18	23	43	32	35	59	—	2.3*	2.3*	4.9	4.3	5.3	9.6	7.0	7.4	11.9
White	36	61	34	43	65	78	107	82	82	154	1.6	2.6	1.5	1.8	2.7	3.2	4.3	3.3	3.3	5.9
Native Hawaiian/Pacific Islander	0	0	<11	0	<11	<11	<11	<11	<11	<11	0.0	0.0	—	0.0	—	—	19.1*	21.5*	—	—
Multiple	0	0	<11	0	<11	<11	<11	<11	<11	<11	0.0	0.0	—	0.0	—	—	—	—	—	—
Other/unknown	0	<11	0	0	0	<11	0	<11	<11	18	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	44	79	53	66	93	117	168	138	133	207	1.5	2.7	1.8	2.2	3.1	3.8	5.3	4.3	4.1	6.2

[†] Includes persons of Hispanic ethnicity regardless of race.

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases , UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

Table 12. Primary and secondary syphilis cases and percent among males by sexual orientation, Utah, 2012-2021

	MSM*		Not MSM*		Unknown		Total
Year	Cases	Percent	Cases	Percent	Cases	Percent	Cases
2011	13	92.9%	0	0.0%	1	7.1%	14
2012	40	90.9%	2	4.5%	2	4.5%	44
2013	69	90.8%	1	1.3%	6	7.9%	76
2014	44	88.0%	4	8.0%	2	4.0%	50
2015	52	81.3%	6	9.4%	6	9.4%	64
2016	77	88.5%	6	6.9%	4	4.6%	87
2017	92	81.4%	12	10.6%	9	8.0%	113
2018	131	82.4%	14	8.8%	14	8.8%	159
2019	109	86.5%	13	10.3%	4	3.2%	126
2020	96	79.3%	8	6.6%	17	14.0%	121
2021	147	71.0%	44	21.3%	16	7.7%	207

*MSM=Men who have sex with men

Note: Cases were classified by Morbidity and Mortality Weekly Report (MMWR) year.
Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

Table 13. Chlamydia cases and rates per 100,000 population by age and sex in adolescents and young adults, Utah, 2021

	Males		Females		Total	
Age	Cases	Rates	Cases	Rates	Cases	Rates
15	28	95.1	80	289.3	108	189.2
16	47	163.5	202	733.9	249	442.5
17	106	368.8	344	1,258.4	450	802.5
18	150	581.4	557	1,807.7	707	1,248.9
19	232	1,118.4	688	2,582.7	920	1,941.6
20	233	996.9	639	2,785.9	872	1,883.0
21	240	807.8	670	2,838.9	910	1,707.0
22	237	854.2	521	2,237.6	758	1,485.4
23	253	851.6	406	1,720.3	659	1,299.8
24	225	811.0	367	1,576.2	592	1,155.3

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)*
Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system); Population Estimates - Kem C. Gardner Policy Institute Population Estimates for Utah Counties and Local Health Districts.

Table 14. Gonorrhea cases and rates per 100,000 population by age and sex in adolescents and young adults, Utah, 2021

	Males		Females		Total	
Age	Cases	Rates	Cases	Rates	Cases	Rates
15	3	10.2	11	42.0*	14	24.5
16	13	45.2	29	105.4	42	74.6
17	23	80.0	31	113.4	54	96.3
18	44	170.5	69	223.9	113	199.6
19	65	313.3	65	244.0	130	274.4
20	61	261.0	92	401.1	153	330.4
21	89	299.6	89	377.1	178	333.9
22	77	277.5	64	274.9	141	276.3
23	93	313.0	53	224.6	146	288.0
24	90	324.4	52	223.3	142	277.1

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year.
Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system); Population Estimates - Kem C. Gardner Policy Institute Population Estimates for Utah Counties and Local Health Districts.
* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.
Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Appendix

Utah's 13 local health districts

Local health department	Counties in service area
Bear River Health Department	Box Elder, Cache, Rich
Central Utah Public Health Department	Juab, Millard, Piute, Sanpete, Sevier, Wayne
Davis County Health Department	Davis
Salt Lake County Health Department	Salt Lake
San Juan Public Health Department	San Juan
Southeast Utah Health Department	Carbon, Emery, Grand
Southwest Utah Public Health Department	Beaver, Garfield, Iron, Kane, Washington
Summit County Health Department	Summit
Tooele County Health Department	Tooele
TriCounty Health Department	Daggett, Duchesne, Uintah
Utah County Health Department	Utah
Wasatch County Health Department	Wasatch
Weber-Morgan Health Department	Morgan, Weber

UTAH ADOLESCENT BIRTH DATA
2022

Table 1: Utah Adolescent Birth Rates, Age 15-19 by Local Health District, 2022

Location	Rate per 1,000 females
TriCounty	16.8
Southeast	14.8
U.S. AVERAGE	13.6
San Juan	13.6*
Salt Lake County	12.1
Weber-Morgan	10.2
Southwest	9.3
STATE OF UTAH AVERAGE	8.2
Central	7.6
Tooele	6.7
Bear River	6.3
Davis County	5.0
Utah County	4.4
Summit	3.7*
Wasatch	3.6*

Table 2: Utah Adolescent Birth Rates, Age 15-19 by Race, 2022

Race	Rate per 1,000 females
Pacific Islander	16.4
Black or African	14.1
America Indian/Alaskan Native	8.6
White	7.6
Asian	3.6*

Table 3: Utah Adolescent Birth Rates, Age 15-19 by Ethnicity, 2022

Ethnicity	Rate per 1,000 females
Hispanic	21.0
Non-Hispanic	6.2

Table 4: Utah Adolescent Birth Rates, Age 15-19 by Small Area, 2020-2022

Location	Rate per 1,000 females	Location	Rate per 1,000 females
West Valley (East)	39.9	Holladay	9.1
SLC (Glendale)	32.8	West Jordan (West)/Copperton	8.8
Magna	27.1	SLC (Downtown)	8.8
Kearns	26.1	South Ogden	8.6
Daggett and Uintah County	25.1	Sandy (Center)	8.6
West Valley (Center)	24.8	Orem (West)	8.6
West Valley (West)	23.1	Hyrum	8.0*
Midvale	22.0	Springville	7.9
SLC (Rose Park)	21.4	Spanish Fork	7.6
Carbon County	21.1	North Logan	7.4
South Salt Lake	20.3	Box Elder County (Other)	7.3*
Ogden (Downtown)	19.8	Orem (East)	7.1
Richfield/Monroe/Salina	19.4	Sandy (Northeast)	7.0
West Jordan (Southeast)	19.4	Herriman	7.0
Taylorsville (East)/Murray (West)	18.9	Wasatch County	7.0
Tremonton	17.8	Salem City	6.8*
Nephi/Mona	17.2	Logan	6.7
Ben Lomond	16.9	Weber County (East)	6.7
Duchesne County	16.6	Sanpete Valley	6.5
West Jordan (Northeast)	16.3	Smithfield	6.3*
Murray	16.0	Saratoga Springs	6.1
Emery County	16.0	SLC (Sugar House)	6.0
Taylorville (West)	15.6	Utah County (South)	5.4
Orem (North)	14.7	SLC (Southeast Liberty)	5.2*
Provo (West City Center)	14.5	American Fork	5.1
Riverdale	14.4	Riverton/Bluffdale	4.9
Delta/Fillmore	14.3	Lehi	4.9

U.S AVERAGE	14.3	Daybreak	4.7
Grand County	14.0	Bountiful	4.4
Tooele County (Other)	14.0	Summit County (East)	4.4*
Washington County (Other)	13.6	Pleasant Grove/Lindon	4.3
Clearfield Area/Hooper	13.1	South Jordan	4.1
North Salt Lake	12.8	Cache County (Other)	4.0
St. George	12.6	Syracuse	4.0
Hurricane/LaVerkin	12.5	Kaysville/Fruit Heights	3.4
Southwest LHD (Other)	12.3	Cottonwood	3.4
Cedar City	12.3	SLC (Avenues)	3.4*
Payson	12.2	Park City	3.4*
Central (Other)	11.8	Farmington	3.4*
Brigham City	10.8	Morgan County	3.3*
Sandy (West)	10.8	Draper	3.2
Eagle Mountain/Cedar Valley	10.6	Provo (East City Center)	2.9
Roy/Hooper	10.5	Ivins/Santa Clara	2.9*
Washington City	10.5	Centerville	2.8*
STATE OF UTAH AVERAGE	10.4	Millcreek (East)	2.6*
Woods Cross/West Bountiful	10.4	Sandy (Southeast)	1.5*
Box Elder County (Other)	10.5	Provo/BYU	1.0
Blanding/Monticello	9.8*	SLC (Foothill/East Bench)	**
San Juan County (Other)	9.7*	Millcreek (South)	**
Tooele Valley	9.6	Alpine	**
Layton/South Weber	9.4	Mapleton	**

*Use caution in interpreting; the estimate has a coefficient of variation >30% and is therefore deemed unreliable by Utah Department of Health and Human Services standards.

**The estimate has been suppressed because 1) The relative standard error is greater than 50% or when the relative standard error can't be determined. Consider aggregating years to decrease the relative standard error and improve the reliability of the estimate. 2) the observed number of events is very small and not appropriate for publication, or 3) it could be used to calculate the number in a cell that has been suppressed.

More detailed data can be found on Utah's Public Health Indicator Based Information System (IBIS) (https://ibis.health.utah.gov/ibisph-view/) You may also contact the Adolescent Health Program Manager, Elizabeth Gerke (egerke@utah.gov or 801-273-2870), for data specific to your area or population.





Utah Division of Child & Family Services
2024 annual report


Utah Department of
Health & Human Services
Child & Family Services

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Please note: Data in this report is measured by state fiscal year (FY) (July 1 through June 30) unless otherwise indicated.

Director's message

As we present this year's annual report, I want to express my deepest gratitude to our exceptional team and dedicated child welfare partners. These outcomes reflect not just the hard work of our division but the collective efforts of the entire child welfare community. Our work is complex and challenging, but we have made significant progress in supporting the safety and well-being of children and families.

Each day, we navigate difficult and sensitive situations while focusing on child safety and the well-being of families as a top priority. Despite these challenges, this year's annual report highlights the accomplishments that result from these efforts and reflects our shared commitment to positive change.

Together, focused on our shared goal, we are supporting positive outcomes that are truly making a lasting difference in the lives of Utah's children and families. Our commitment and collaboration are not just words but actions that provide care and support to the most vulnerable members of our community. Our work is a source of pride and a testament to our connection with the community we serve.

As we look to the future, we reiterate our unwavering commitment to our mission of safe children, strengthened families. We will build on this year's achievements and continue our efforts to create quality outcomes for all those we serve. Our dedication to this mission should reassure you of our continued commitment and the confidence we have in our collective ability to make a difference.

Tonya Myrup, LCSW
Director, Division of Child and Family Services

Utah Division of Child and Family Services (DCFS)

Safe children

Safety is the reason we exist. At DCFS our mission is to keep children safe from abuse and neglect by working with communities and strengthening families.

Strengthened families

A child's physical and emotional well-being largely exists within the context of the adults in their life. When a family is strengthened through individualized, trauma-informed, community-based services that are both safety driven and family driven, an environment that promotes child safety and well-being is created.

Supported workforce

Our most important resource in achieving success with children and families is our staff. They enter the lives of children and families at times of crisis and vulnerability. The professionalism and skill of our staff in engaging, teaming, assessing, planning, and intervening with families are essential to good outcomes. Due to the complex and critical nature of child welfare, our community expects and deserves a well trained, experienced, ethical, compassionate, and supported workforce.

Integrated service community

DCFS is not the child welfare system – we are the child welfare agency within a much larger social service continuum. Our ability to provide timely, effective, and extensive services to our most vulnerable populations is integrated within a robust network of legal partners and private and public community providers.

Services provided

Child Protective Services is a short-term intervention to assess a child's risk for abuse, neglect, or dependency. Services are provided to keep children in the home and families intact whenever safely possible.

In-home services keep children who have been assessed to be at risk of abuse and neglect safely with their parents. Services may include parent supports, child safety planning, and linking the family to community resources.

Foster care is a temporary intervention for children who are unable to remain safely in their homes. Once a child is placed in DCFS custody the goal is to provide a safe, stable, and loving environment until they can be safely reunited with their family. DCFS must consider a placement with a non-custodial parent, relative, friend, or former foster parent before considering other placements.

Kinship care allows a child to stay in the care of a family member or friend who is willing to meet all of the child's needs, including working with the child's parents or guardian so they can return home. Sometimes kin placements provide a permanent home for the child in the event they cannot safely return home.

Transition to adult living (TAL) services provide support to youth ages 14 to 21 who are transitioning from foster care to adult living. The program utilizes a network of organizations and offers services including academic mentoring, financial planning, career preparation, and limited financial assistance.

Transition to adult living (TAL) aftercare services provide support to youth who have aged out of foster care, or who obtained permanency through adoption or custody and guardianship at the age of 16 or older through their 23rd birthday. Services include case management for independent living needs, and limited financial assistance for education, transportation, personal care, work related expenses, and housing.

Adoption services support children who cannot reunify safely with their family. Children may be adopted by relatives, families who fostered them, or other families seeking to provide a loving home for a child.

Prevention of child abuse and neglect is a focus of DCFS through the support of community programs. These services include parenting classes, evidence-based home visitation programs, statewide community and school-based education presentations, support to grandparents raising grandchildren, and 17 crisis and respite nurseries in local Family Support Centers across the state.

Domestic violence services funding is provided by DCFS to help support domestic violence shelters and outreach services, therapy for victims of domestic violence, and other resources including the state's domestic violence hotline.

Child Protective Services (CPS)

Reports of alleged child abuse or neglect come to a centralized intake office. A trained professional collects information to find out if the report meets the criteria to open an investigation.

Allegations must meet the child abuse and neglect statutes outlined in Utah state law in order for DCFS to open an investigation. Sometimes reports to our hotline may sound concerning, but don't qualify as child abuse or neglect under state law.

Reports that don't meet the criteria to open an investigation are documented in our child welfare information system as unaccepted. Reports that do meet the criteria of child abuse or neglect are then assigned to Child Protective Services (CPS) workers. Most of the time, the intake worker does not make this decision alone. A supervisor or licensed social worker helps make the decision whether it rises to the level of abuse or neglect under state law. They also look at any history of the involvement with DCFS to assist in this decision.

The moment CPS becomes involved with a family, our goal is to assess for safety concerns, work with the family to create a safety plan, and provide effective interventions that promote child safety and strengthen parents.

During a CPS investigation, a caseworker collects different types of information and evidence of child abuse or neglect, conducts interviews, and does safety and risk assessments.

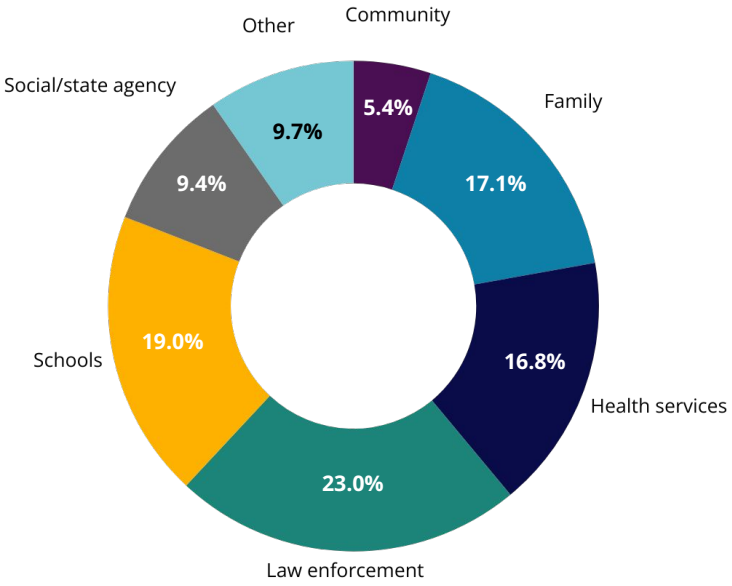
- Review any involvement the child or family had with DCFS in the past.
- Interviews with child, parent, and caregiver.
- Interviews with person alleged to be responsible for abuse or neglect.
- Interviews with third-party collateral contacts, like teachers or doctors.
- Conduct an assessment of safety and risk.
- Suicide screener on every child age 10 and older (this is also conducted regularly as a part of in-home and foster care services).
- Safe sleep assessment if a mother is pregnant or if there is a child 12 months or younger.
- Developmental milestone checklist for children who are non-verbal or younger than age 5.
- A home visit or unannounced home visit.

Child Protective Services (CPS)

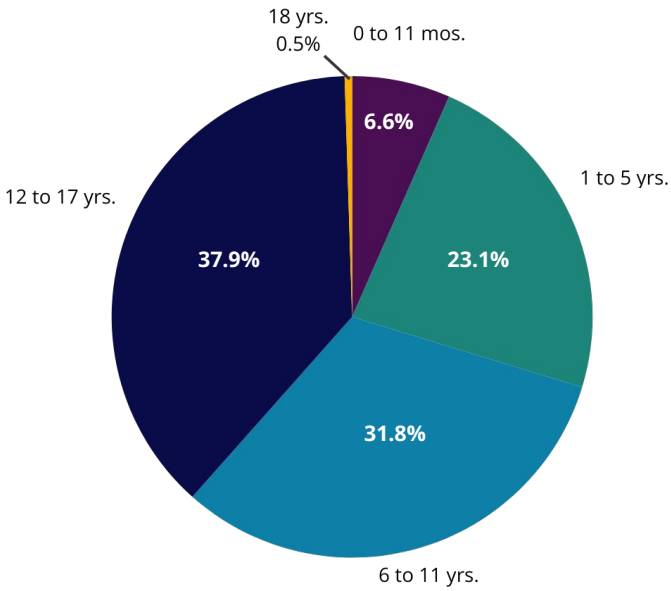
FY 24 in review:

- **48,542 reports** of abuse or neglect were received by intake in FY 24.
- **22,650 reports** met the criteria necessary to open CPS investigation.
- **8,791 confirmed victims** of child abuse or neglect.
- **70.2%** of the alleged perpetrators were the victim's parent. **16.2%** were other relatives.
- **18.1% of supported abuse or neglect cases** had domestic violence related child abuse as a contributing factor.

Sources of reports accepted for assessment in FY24



Victims by age in FY24



FY 24 in review continued:

- **6,706** of the 8,791victims of child abuse or neglect were able to remain safely at home without subsequent DCFS involvement within the year.
- **1,967 cases** received in-home services from DCFS.
- **91.2%** of confirmed victims **did not** experience repeat maltreatment within 12 months of DCFS services.
- **Approximately 2 of every 1,000 children***l enter foster care in Utah, while the national average is 5 of every 1,000 children.

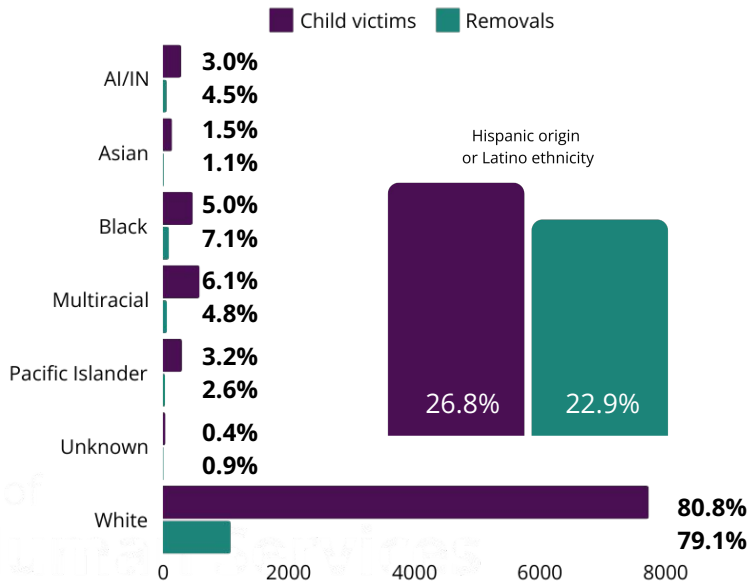
*Based on 2021 National Kids Count data, datacenter.kidscount.org.

Child Protective Services (CPS)

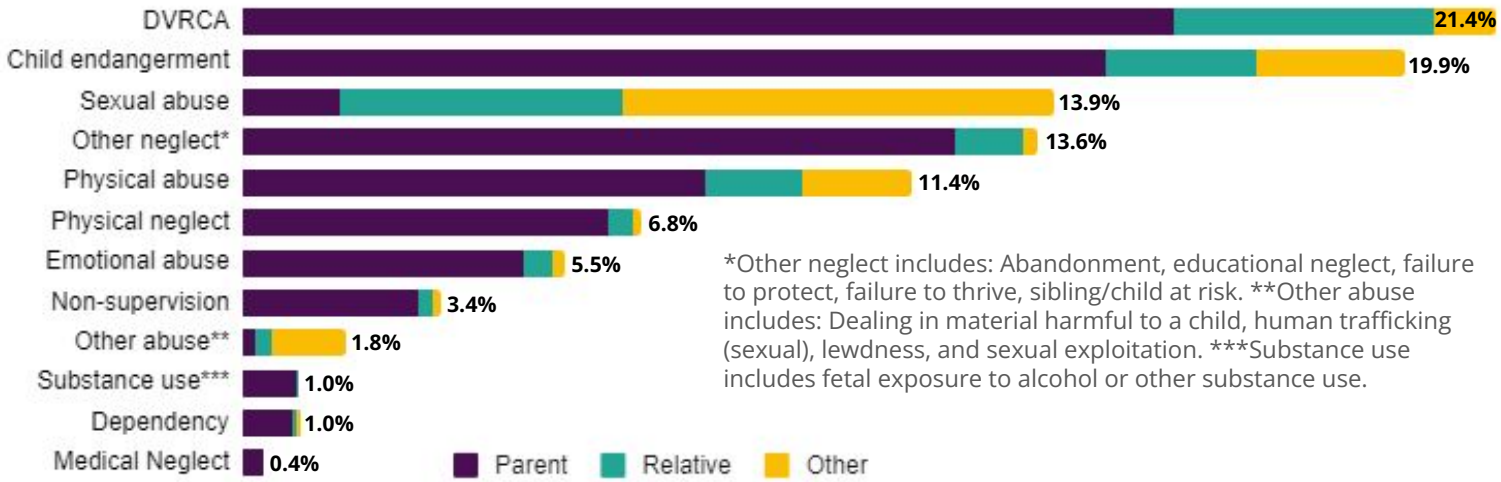
DCFS' work in child welfare brings us into communities and lives of diverse families with diverse needs. DCFS is committed to making every effort to treat all families with respect and dignity, while making sure they receive interventions that support the family's success.

DCFS continues to research best practices that focus on positive outcomes for children and families., DCFS seeks input from people with lived experience and partners with researchers while using data to develop strategies at various points in the child welfare process. These collaborative efforts increase effectiveness, reduce disparities, and improve the experience of the children and families we serve.

Race among confirmed child victims vs. removals into foster case in FY24



Confirmed allegations by type and relationship of individual responsible for abuse or neglect to child victim, FY24



*Other neglect includes: Abandonment, educational neglect, failure to protect, failure to thrive, sibling/child at risk. **Other abuse includes: Dealing in material harmful to a child, human trafficking (sexual), lewdness, and sexual exploitation. ***Substance use includes fetal exposure to alcohol or other substance use.

In-home services

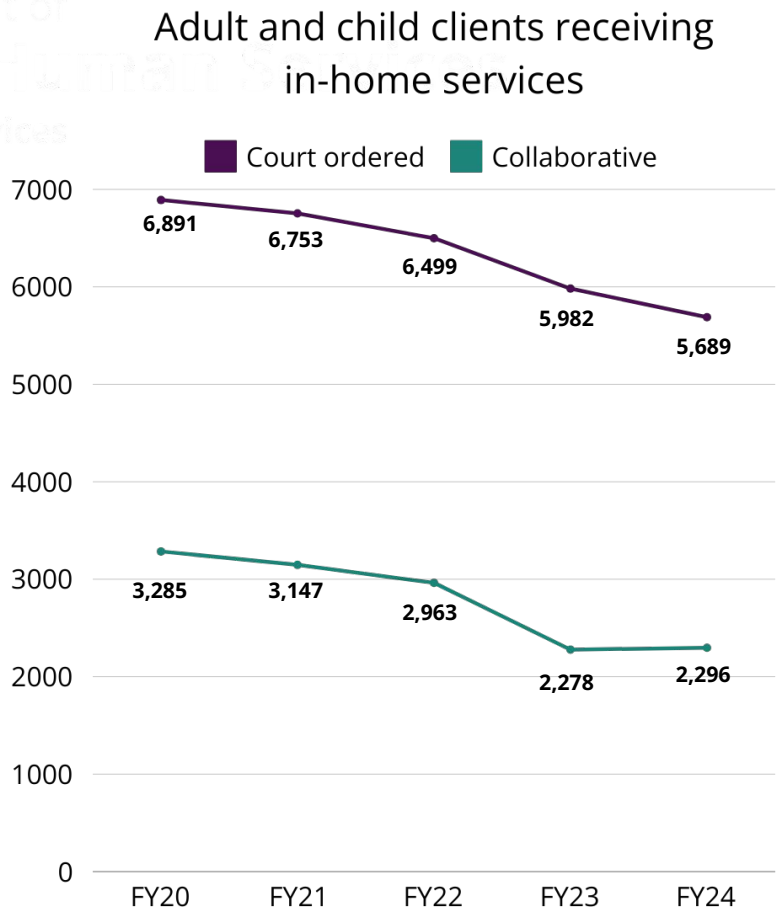
DCFS believes that children should remain with their families whenever safely possible. Most parents who are involved with DCFS are able to keep their children safely at home with the right help and support. We take a family-centered approach to providing services and support. Each family is unique and diverse. We try to tailor services to their strengths and needs by respecting their financial circumstances, beliefs, culture, values, practices, and traditions.

Kids have better outcomes if their parents are involved with their caseworker early on. We try to focus on strengths and needs that are most relevant to each child and involve the parents in selecting the services and resources they need most.

Services can include teaching parenting skills, developing child safety plans, teaching conflict resolution, and linking the family to evidence-based community resources including mental health treatment and substance use disorder treatment.

FY 24 in review:

- **1,967 cases** received in-home services.
- **88.1%** of in-home services child clients **did not** have a subsequent supported CPS case within 12 months of case closure.
- **95.6%** of in-home services child clients **did not** enter foster care within 12 months of the in-home case closure.
- On average court-ordered in-home services cases were open for **208 days**.
- On average collaborative (voluntary) in-home services cases were open for **131 days**.



Kinship care

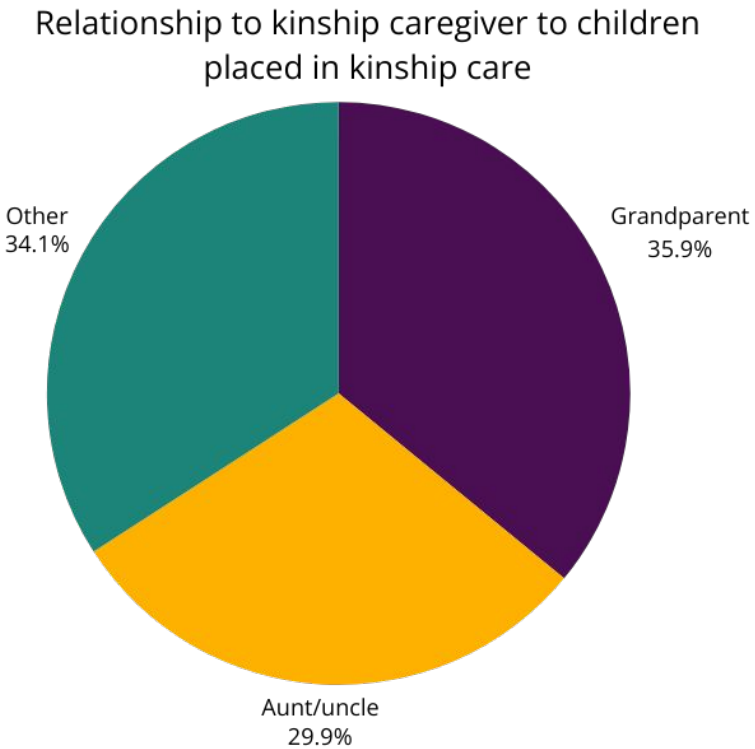
The first priority for DCFS is to maintain a child safely at home. When children are unable to safely remain in their own homes, foster care acts as a temporary intervention until children are able to be safely reunited with their family.

Safety, health, and the best interest of the child drive all placement decisions. Kinship is a priority if a child must be removed from their home. It reduces trauma to the child and helps keep them connected to their family and maintain a sense of belonging. Keeping siblings together is also critically important. We can help reduce the overall trauma by keeping kids connected to their family, school, community, and culture by placing them with relatives or someone familiar to them.

DCFS makes active efforts to locate potential kinship caregivers for placement to build and sustain family connections for the child. In cases where reasonable efforts to reunify the child and parent were not successful, custody or adoption by a relative is pursued.

FY 24 in review:

- **43.7% of days** foster children spent in foster care were spent in a kin placement.
- **90.4%** of children who exited foster care to a relative in FY 23 did not receive subsequent CPS services within 12 months.
- **95.0%** of children who exited foster care to a relative in FY 23 did not re-enter foster care within 12 months.



Foster care

Foster care is provided to children who cannot safely remain in their homes. Children in foster care may live with relatives or with unrelated foster parents. Foster care can also refer to placement settings such as group homes, residential care facilities, emergency shelters, and supervised independent living.

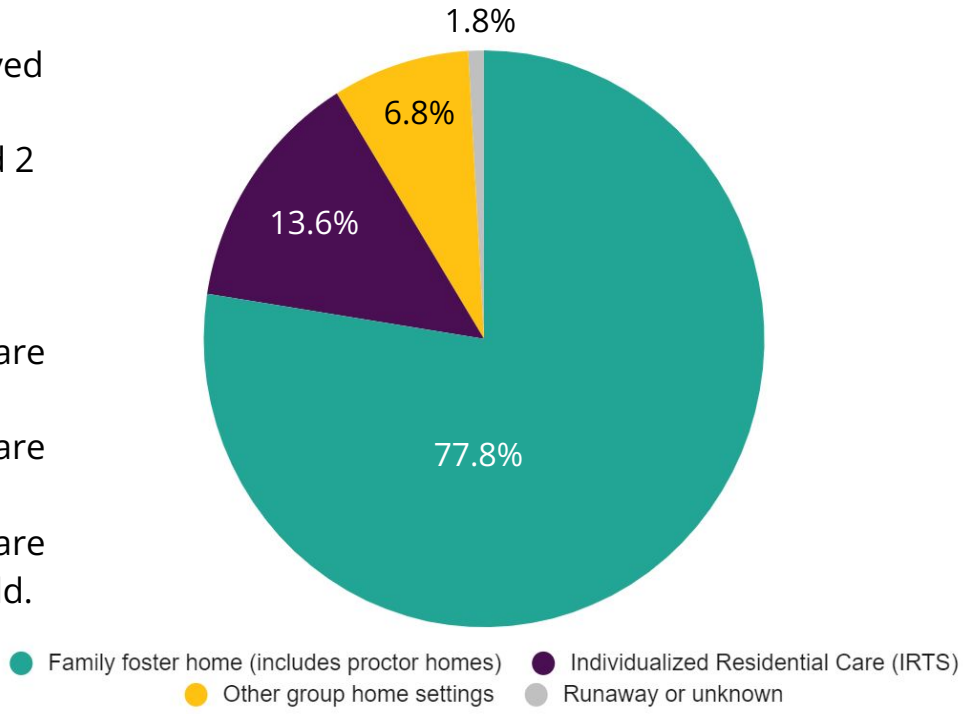
DCFS utilizes an evidence-based assessment tool to determine the recommended level of care for children in foster care, referred to as the Utah Family and Children Engagement Tool (UFACET). The UFACET has a built-in algorithm that utilizes identified patterns of need to determine an appropriate level of care for the child.

The first three levels, Level I, Level II, and Level III, are most frequently provided in foster family homes licensed by the DHHS Office of Licensing (OL). Occasionally these services are provided to children in proctor homes, i.e. when foster family homes are not available or when siblings of a child in proctor care are placed together. Children with severe emotional or behavioral difficulties that cannot be cared for in traditional family settings because of a need for more intensive supervision and treatment may be placed in higher levels of care (Levels IV, V, or VI) through contracts with licensed providers.

FY 24 in review:

- **3,133 children** received foster care services.
- **80.2%** of children that received foster care services for less than 12 months experienced 2 or fewer placements.
- **1,275** children were newly placed in foster care.
- **34.7%** of children in foster care were aged 0 to 5 years old.
- **34.4%** of children in foster care were aged 6 to 13 years old.
- **30.9%** of children in foster care were aged 14 to 18+ years old.

Placement level of youth in care, June 30, 2024



Exiting foster care

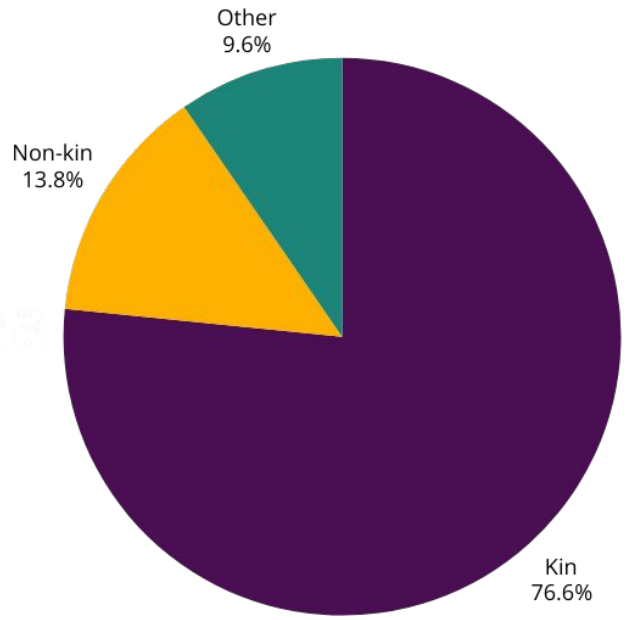
Reunification is the goal for the child and family in almost every case. While DCFS works to reunify the child with the parent, the court requires DCFS to also create an alternative permanency plan for the child at the same time—in case reunification is not possible. This helps make sure children do not linger in foster care.

Every child deserves safety, stability and permanency. For children who cannot reunify safely with their family, DCFS seeks to find a safe, nurturing and permanent family through adoption or guardianship.

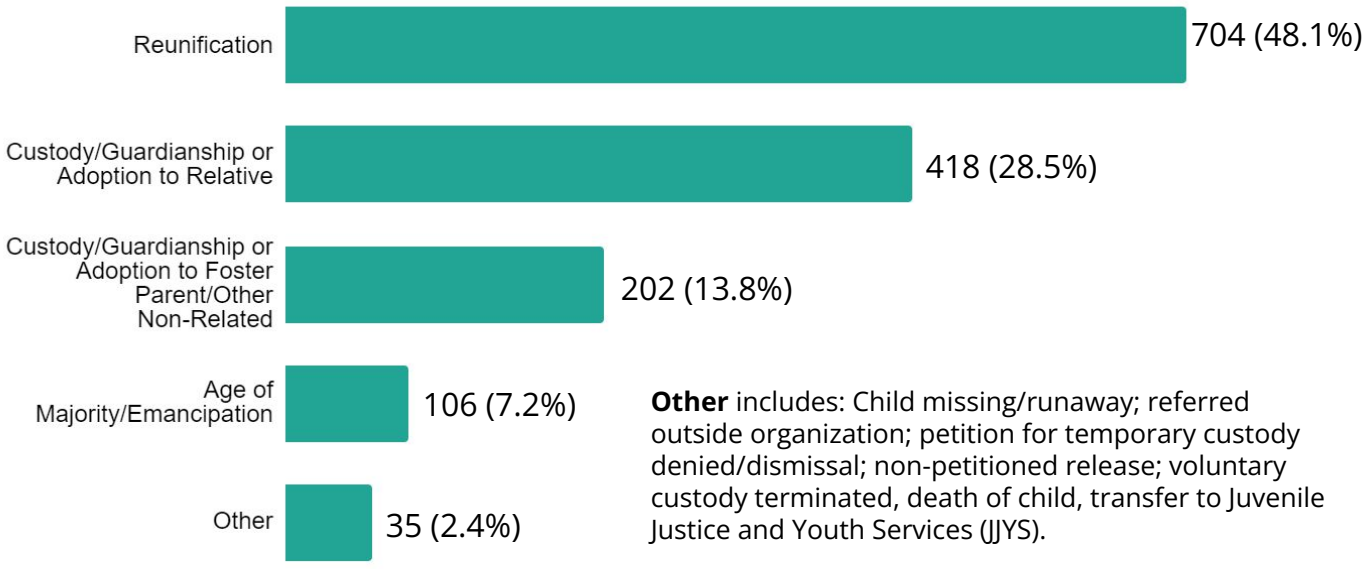
FY 24 in review:

- **1,465** children exited foster care.
- Average time in care for children exiting foster care was **12.9 months**.
- Average time in care for children reunified with their family was **10.5 months**.
- Average time in care for children that were adopted was **21.2 months**.

Relationship of caregiver to children when exiting foster care



Reasons children exited foster care



Other includes: Child missing/runaway; referred outside organization; petition for temporary custody denied/dismissal; non-petitioned release; voluntary custody terminated, death of child, transfer to Juvenile Justice and Youth Services (JJYS).

Substance use-disorder

We recognize substance use disorders (SUDs) as a health crisis that affects countless Utah families. The majority of cases requiring a child welfare intervention involve substance use.

Our goal is always for the child to remain in the home whenever safely possible while we work to connect the parent or caregiver to services to help build their long-term capacity to safely care for their children.

Utah has several residential substance use disorder treatment programs that allow young children, including children in foster care, to reside with their parents while completing treatment.

FY 24 in review:

- **829** children newly placed in foster care were from families affected by substance use.
- **244** children have been placed with a parent in a SUD residential treatment program to date since this service could be federally funded for children in foster care in Utah.
- **78%** of children placed with a parent in a SUD residential treatment program successfully reunified with a parent at the time of case closure.
- **85.2%** of children placed with a parent in a SUD residential treatment program did not have a subsequent supported CPS case.

Domestic violence services

Connecting adults affected by domestic violence to trauma-informed services also enhances stability, safety and permanency for children. Domestic violence services provided by local shelter and treatment programs with federal and state funding through DCFS include:

- 16 domestic violence shelters
- Trauma-informed therapy, financial planning and safety planning
- Assistance with protective orders
- LINKline domestic violence crisis hotline
- Lethality Assessment Protocol (LAP) program utilized by law enforcement and victims advocates to assist and educate victims
- Trauma-focused treatment for both survivors and offenders

More than $14.1 million was provided through DCFS to support the domestic violence services program in FY 24.

FY 24 in review:

- **45,549** calls were made to the LINKline domestic violence crisis hotline.
- **2,822** adult and child clients received support from a domestic violence shelter.
- **2,617** children were victims of domestic violence related child abuse.
- **13.9%** of clients receiving in-home services cited domestic violence as a safety concern.

Child abuse prevention

Prevention of child abuse and neglect is a focus of DCFS through local community-based services that include:

- Parenting classes
- Six evidence-based home visitation programs
- Statewide community and school-based education presentations
- Support to grandparents raising grandchildren
- 17 respite and emergency nurseries in local Family Support Centers across the state

More than $7 million of federal and state funds were provided through DCFS for these community-based prevention services in FY 2024.

Child Abuse Prevention services focus on upstream efforts that strengthen children, families and communities before abuse ever occurs. Families are strong when they have the skills to find resources when needed, have support of family, friends and their community, are prepared and able to handle stressful situations and parents have strong parenting skills and are able to build a positive relationship with their children.

FY 24 in review:

- **11,946** children received support from local community-based services.
- **10,092** adults received support from local community-based services.
- **7,893** families received support from local community-based services.
- **22,038** people received outreach support and services.
- Launched a child abuse prevention awareness campaign on social media reaching **over 3,000** community members.
- Shared family strengthening tips and child abuse prevention messaging with **5** local newsroom programs.

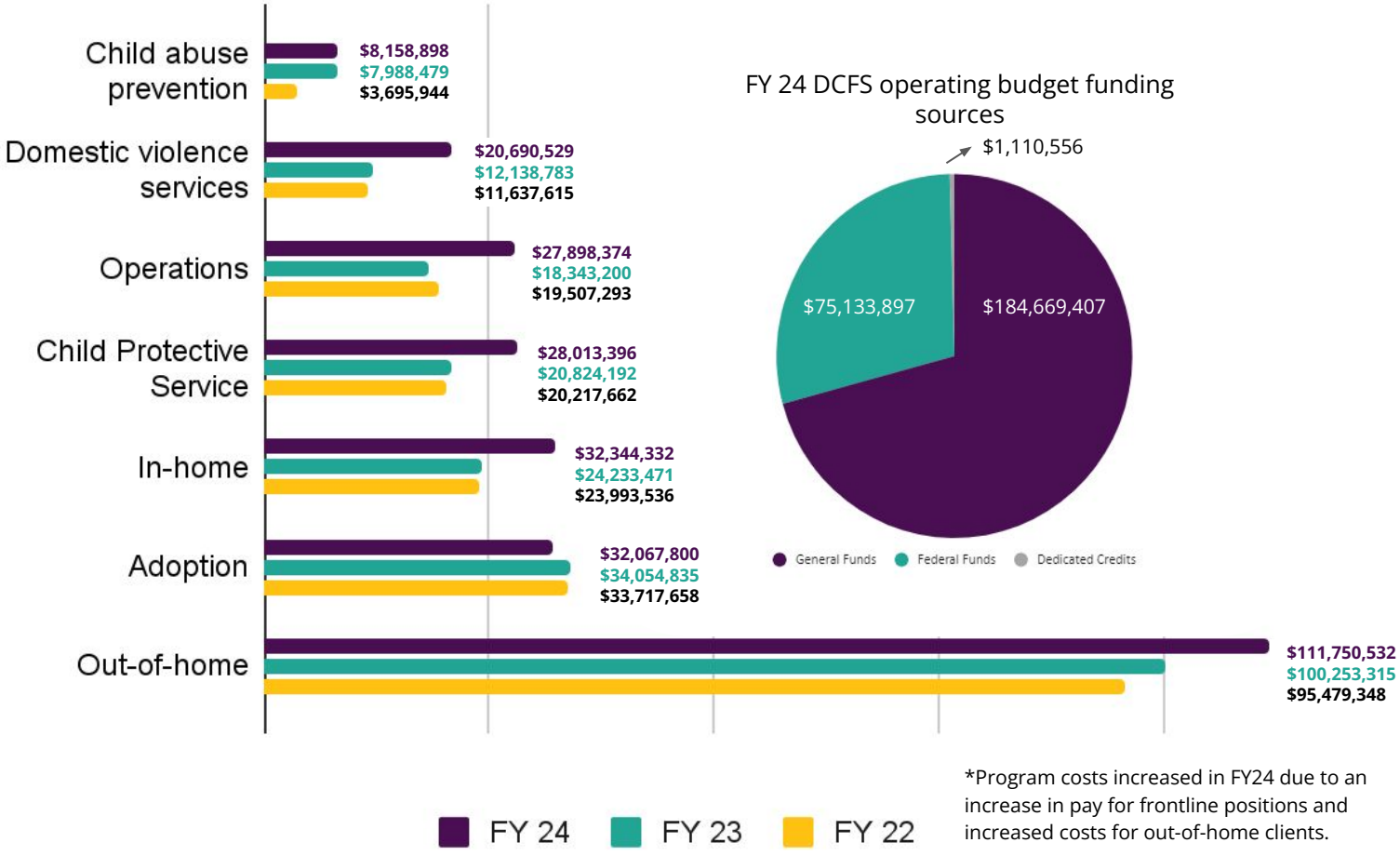
Annual budget

The budget for DCFS is primarily made up of a mix of state general fund, federal funds and dedicated credits. The following four general fund restricted accounts are appropriated by the Legislature and distributed through DCFS for services that focus on child abuse prevention and treatment programs, adoption, health and education programs for adults and children, and domestic violence services:

- Children's Account
- Choose Life Adoption Support Restricted Account
- National Professional Men's Basketball Team Support Women and Children Issues Restricted Account
- Victims of Domestic Violence Services Account

DCFS expenditures by program*

State and federal funds included



*Program costs increased in FY24 due to an increase in pay for frontline positions and increased costs for out-of-home clients.

Workforce development

Our most important resource in achieving success with children and families is our staff. They enter the lives of children and families at times of crisis and vulnerability. The professionalism and skill of our staff in engaging, teaming, assessing, planning, and intervening with families are essential to good outcomes. Due to the complex and critical nature of child welfare, our community expects and deserves a well trained, experienced, ethical, compassionate, and supported workforce.

Required training includes:

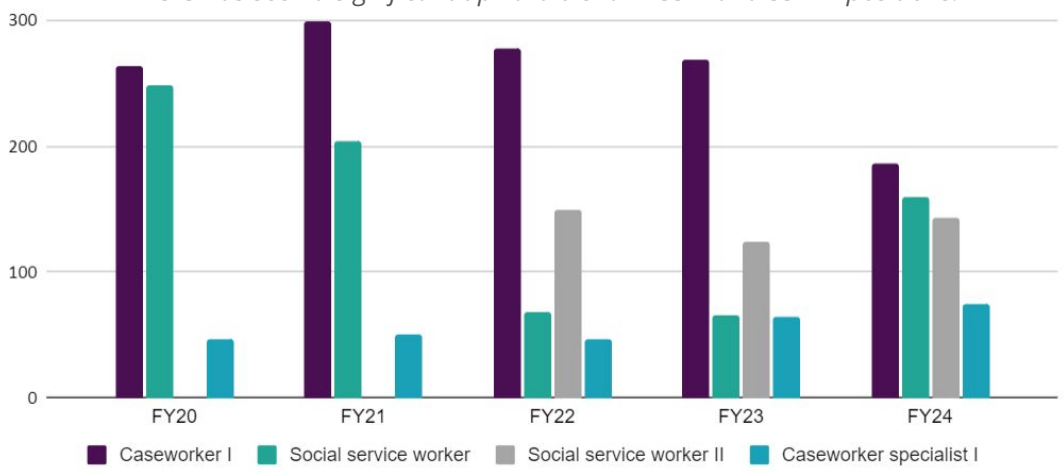
- All DCFS direct service staff are required to complete practice model training before assuming any independent casework responsibilities
- Within 90 days of hire, direct services staff are required to complete online training on the 4th and 14th Amendment
- Within 90 days of hire, direct service staff are required to complete online training on the Indian Child Welfare Act and recognizing situations involving domestic violence and substance use
- After the first year, direct service staff must complete at least 20 hours of additional annual training

FY 24 in review:

- **100% of new case workers** completed the required onboarding training in their first year.
- **77.5% of employees** with 1 or more years with the agency completed 20 hours or more of training.
- **654 employees** in frontline positions.
- **55%** of all frontline employees have less than 3 years of experience.
- **28.1% turnover rate** for frontline positions.

Target frontline title ratio

DCFS has seen a significant upward trend in SSW and SSW II positions.



Utah Department of
Health & Human Services
Child & Family Services

For an online copy of this report, or to find previous annual reports, please go to dcfs.utah.gov.

For questions about this report please contact the Department of Health and Human Services Office of Public Affairs and Education at dhhs@utah.gov.

Complete Health Indicator Report of Adolescent Births

Definition

The adolescent birth rate is reported as the number of live births per 1,000 adolescent females aged 15-19.

Numerator

The number of live births to adolescent mothers aged 15-19.

Denominator

The number of adolescent females in the population.

Data Interpretation Issues

The adolescent birth rate does not include abortions or miscarriages, and is an underestimate of the adolescent pregnancy rate.

Why Is This Important?

Research indicates that bearing a child during adolescence is associated with long-term difficulties for the mother, her child, and society. These consequences are often attributable to poverty and other adverse socioeconomic circumstances that frequently accompany early childbearing.

Compared to babies born to older mothers, babies born to adolescent mothers, particularly young adolescent mothers, are at higher risk of low birth weight and infant mortality. These babies are more likely to grow up in homes that offer lower levels of emotional support and cognitive stimulation, and they are less likely to earn a high school diploma. For mothers, giving birth during adolescence is associated with limited educational attainment, which in turn can reduce future employment prospects and earning potential.

Other Objectives

Utah's 42 Community Health Indicators
Similar to HP2020 Objective FP-8: Reduce PREGNANCIES among adolescent females.

How Are We Doing?

The teen birth rates per 1,000 females aged 15-19 in Utah, for the past five years were:

2018: 13.1
2019: 12.0
2020: 10.5
2021: 9.2
2022: 8.2

According to the 2021 Pregnancy Risk Assessment Monitoring Survey (PRAMS) data, 39% of Utah teen mothers (age 15-19) reported their pregnancies as mistimed or unwanted. Another 26% reported that they were unsure whether or not they wanted to be pregnant.

How Do We Compare With the U.S.?

The adolescent birth rate in Utah has been lower than the U.S. overall rate over the past decade but is higher than

The adolescent birth rate in Utah has been lower than the U.S. overall rate over the past decade but is higher than in several other states. Utah and U.S. adolescent birth rates per 1,000 females aged 15-19 for the past five years were:

2018: Utah 13.1/U.S. 17.4
2019: Utah 12.0/U.S. 16.7
2020: Utah 10.5/U.S. 15.4
2021: Utah 9.2/U.S. 13.9
2022: Utah 8.2/U.S. 13.6

What Is Being Done?

Teen Pregnancy Prevention Programs:

The Utah Department of Health and Human Services receives federal funding from the U.S. Department of Health and Human Services, Administration for Children and Families, Family & Youth Services Bureau to provide two programs addressing teen pregnancy prevention in Utah.

The first program is Sexual Risk Avoidance Education (SRAE). Funds for this program must be used to implement evidence-based programs that teach participants to voluntarily refrain from sexual activity; normalize the optimal health behavior of avoiding non-marital sexual activity; and address the social, psychological, and health gains to be realized by refraining from sexual activity and engaging in healthy relationships.

SRAE prioritizes youth ages 10-19 and/or their parents, with a specific focus on youth in the Utah juvenile justice and foster care systems; youth of Hispanic, Black/African American, Pacific Islander, or American Indian origin; and youth residing in rural areas or other disadvantaged geographical areas with teen birth rates higher than the Utah average.

The second program is the Personal Responsibility Education Program (PREP). These funds must be used for evidence-based interventions designed to educate adolescents on both abstinence and contraception to prevent pregnancy and sexually transmitted infections, including HIV/AIDS, and at least three adulthood preparation subjects (healthy relationships, education and career success, healthy life skills, adolescent development, financial literacy, and parent-child communication).

The priority population for PREP in Utah is youth ages 14-19, and their parents, with a specific focus on youth in the Utah Juvenile Justice and foster care systems; pregnant and parenting teens; youth of Hispanic, Black/African American, Pacific Islander, or American Indian origin; and youth residing in rural areas or other disadvantaged geographical areas with teen birth rates higher than the Utah average.

The Utah Department of Health and Human Services (UDHHS) sub-contracts these federal funds to local health departments, community agencies, and tribal entities or governments.

For more information or questions regarding the two programs mentioned above, contact Elizabeth Gerke at 801-273-2870 or egerke@utah.gov.

Evidence-based Practices

The Utah teen pregnancy prevention programs utilize the following evidence-based interventions:

- Choosing the Best
- Families Talking Together
- INclued
- Get Real
- Making Proud Choices
- Sexual Health and Adolescent Risk Prevention (SHARP)
- Teen Outreach Program (TOP)

Available Services

Youth development programs, resources for health teachers, and/or classes for youth and parents are available in local areas across the state.

For more information, contact Elizabeth Gerke at egerke@utah.gov or 801-273-2870.

Related Indicators

Related Relevant Population Characteristics Indicators:

- Utah Population Characteristics: Age Distribution of the Population
- Births from unintended pregnancies

Related Health Care System Factors Indicators:

- Prenatal care

Risk Factors

Experiencing birth during adolescence can increase a teen's risk of acquiring a sexually-transmitted infection as well as seriously hinder future financial stability due to limited educational attainment.

Related Risk Factors Indicators:

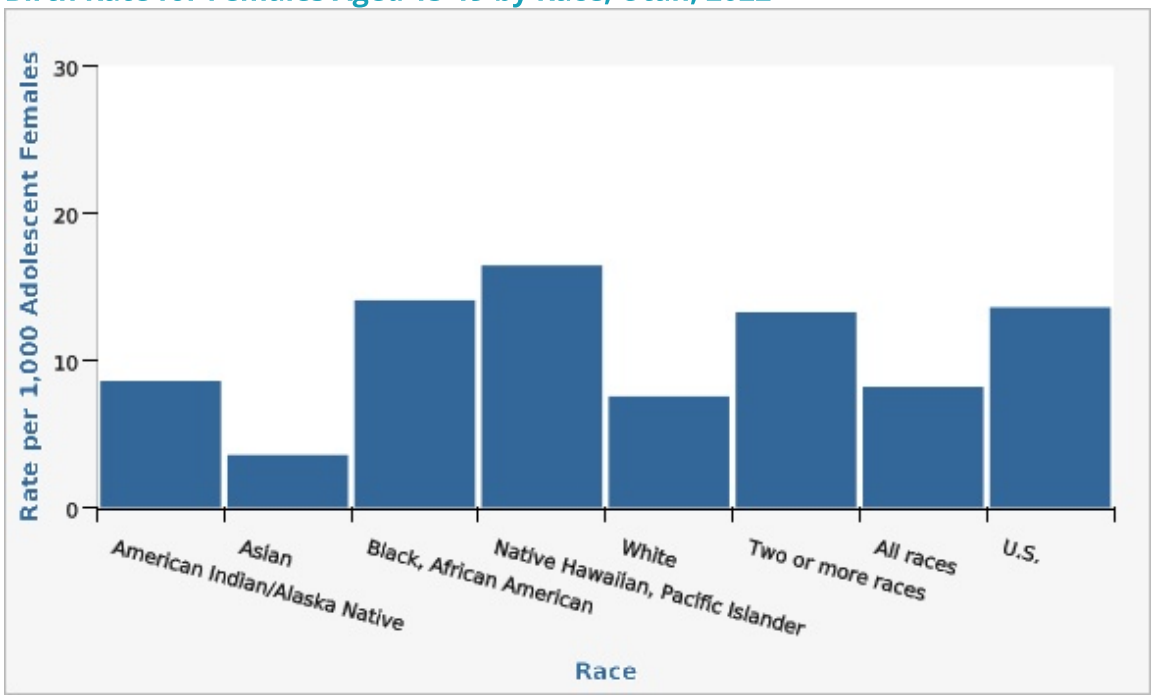
- Chlamydia Cases
- Utah Population Characteristics: Education Level in the Population
- Gonorrhea Cases
- Syphilis Cases - Primary and Secondary

Related Health Status Outcomes Indicators:

- Infant mortality
- Low Birth Weight

Graphical Data Views

Birth Rate for Females Aged 15-19 by Race, Utah, 2022



Race	Rate per 1,000 Adolescent Females	Lower Limit	Upper Limit	Note	Numer-ator	Denom-inator
American Indian/Alaska Native	8.6	5.1	13.6		18	2,094
Asian	3.6	1.7	6.6	*	10	2,802
Black, African American	14.1	9.6	20.0		31	2,202
Native Hawaiian, Pacific Islander	16.4	10.8	23.9		27	1,641
White	7.6	7.1	8.1		906	120,007

Two or more races	13.3	10.4	16.7		72	5,424
All races	8.2	7.7	8.7		1,280	139,963
U.S.	13.6					

Record Count: 8

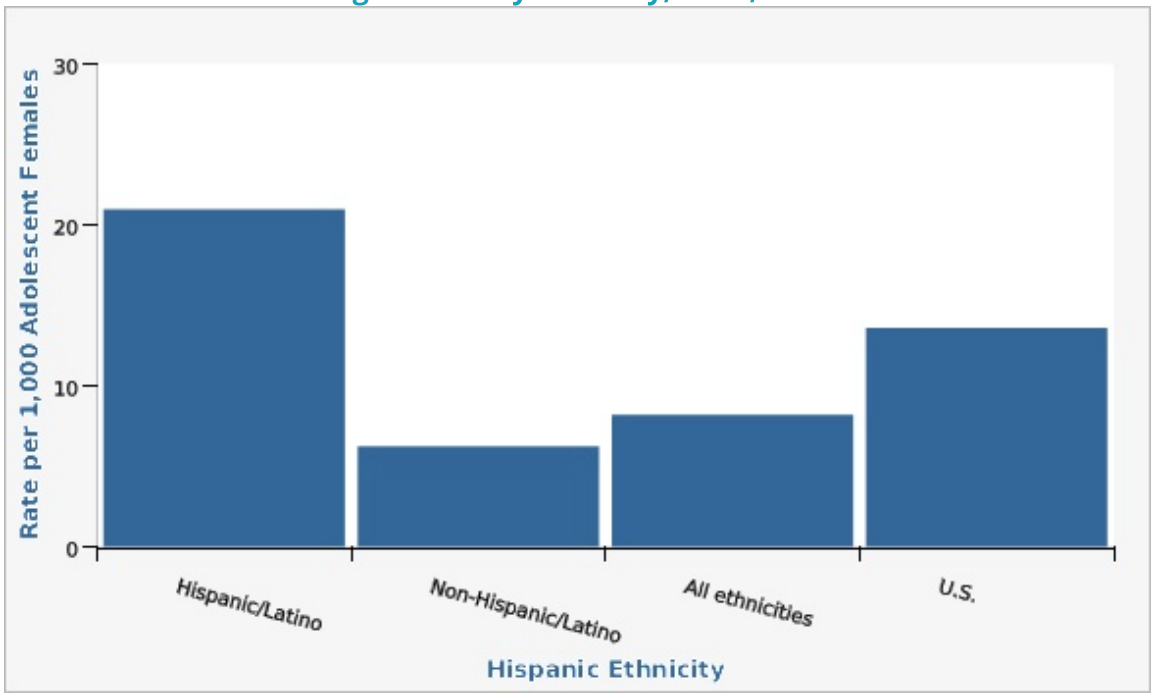
Data Notes

*Use caution in interpreting; the estimate has a coefficient of variation > 30% and is therefore deemed unreliable by Utah Department of Health and Human Services standards.

Data Sources

- Population Estimates by Age, Sex, Race, and Hispanic Origin for Counties in Utah, U.S. Bureau of the Census, IBIS Version 2022
- Utah Birth Certificate Database, Office of Vital Records and Statistics, Utah Department of Health and Human Services
- National Vital Statistics System, National Center for Health Statistics, U.S. Centers for Disease Control and Prevention

Birth Rate for Females Aged 15-19 by Ethnicity, Utah, 2022



			Lower		Upper	Numer-	Denom-

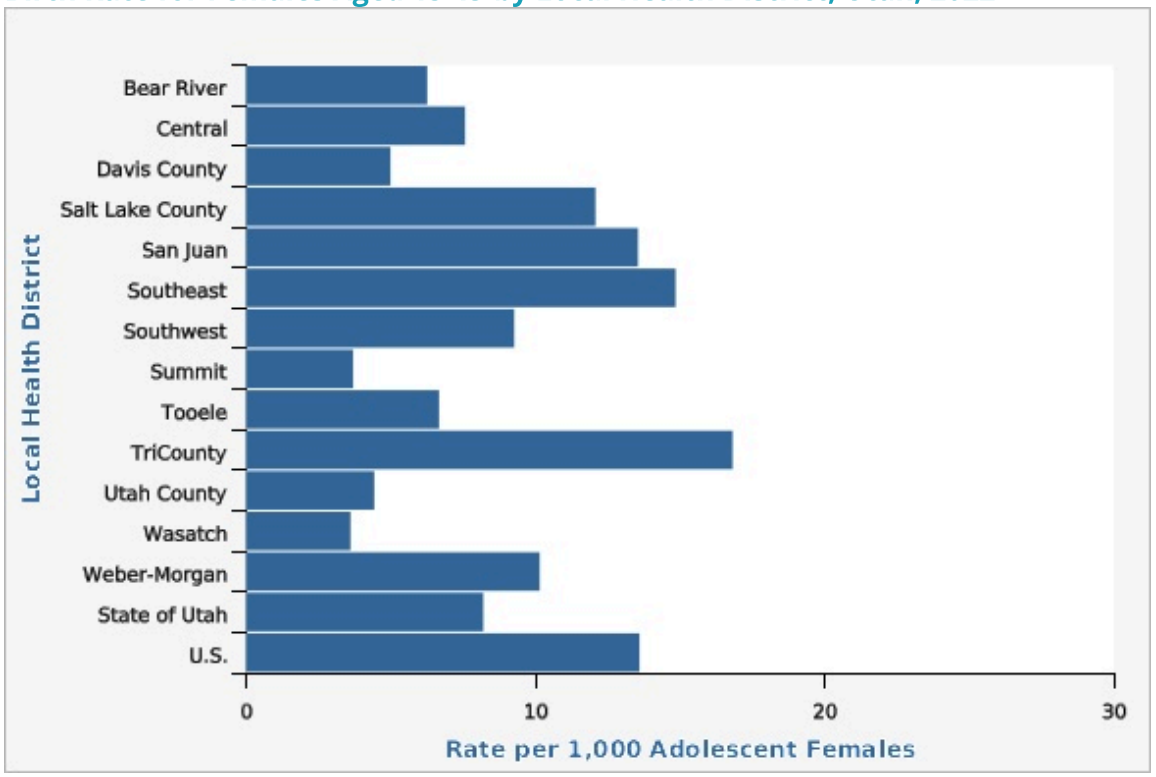
Hispanic Ethnicity	Rate per 1,000 Adolescent Females	Limit	Limit	ator	inator
Hispanic/Latino	21.0	19.2	22.9	503	23,987
Non-Hispanic/Latino	6.2	5.8	6.7	687	110,183
All ethnicities	8.2	7.7	8.7		
U.S.	13.6				

Record Count: 4

Data Sources

- Population Estimates by Age, Sex, Race, and Hispanic Origin for Counties in Utah, U.S. Bureau of the Census, IBIS Version 2022
- Utah Birth Certificate Database, Office of Vital Records and Statistics, Utah Department of Health and Human Services
- National Vital Statistics System, National Center for Health Statistics, U.S. Centers for Disease Control and Prevention

Birth Rate for Females Aged 15-19 by Local Health District, Utah, 2022



Local Health District	Rate per 1,000 Adolescent Females	Lower Limit	Upper Limit	Note	Numer-ator	Denom-inator
Bear River	6.3	4.8	8.0		63	10,058
Central	7.6	5.2	10.6		34	4,491
Davis County	5.0	4.0	6.2		84	16,835
Salt Lake County	12.1	11.1	13.2		521	43,125
San Juan	13.6	5.8	26.7	*	8	590
Southeast	14.8	9.5	22.1		24	1,617
Southwest	9.3	7.6	11.1		115	12,404
Summit	3.7	1.4	8.0	*	6	1,623
Tooele	6.7	4.4	9.8		26	3,900
TriCounty	16.8	12.0	23.0		39	2,319
Utah County	4.4	3.8	5.2		165	37,254
Wasatch	3.6	1.3	7.9	*	6	1,662
Weber-Morgan	10.2	8.4	12.2		112	11,036
State of Utah	8.2	7.7	8.7			
U.S.	13.6					

Record Count: 15

Data Notes

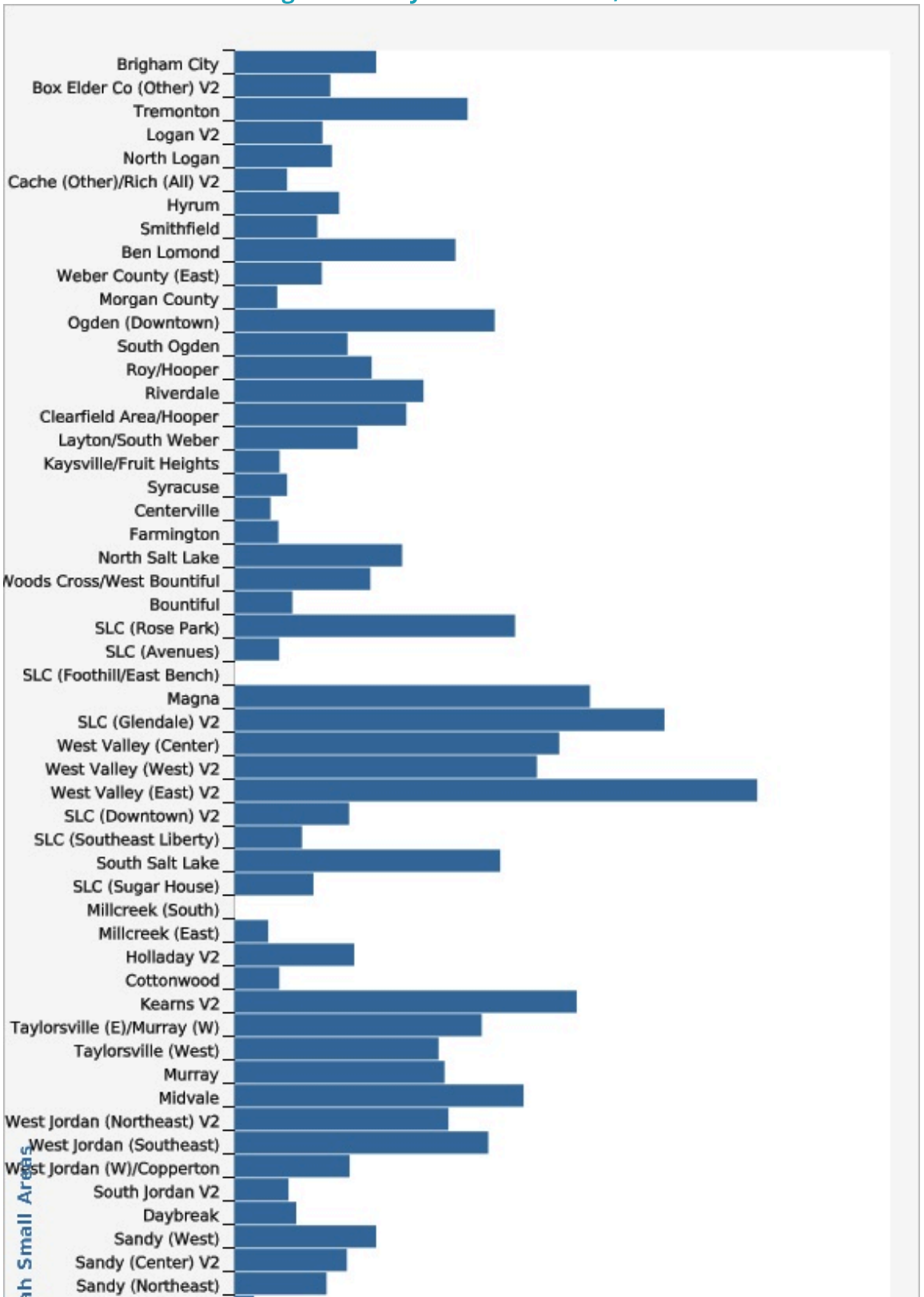
*Use caution in interpreting; the estimate has a coefficient of variation >30% and is therefore deemed unreliable by Utah Department of Health and Human Services standards.

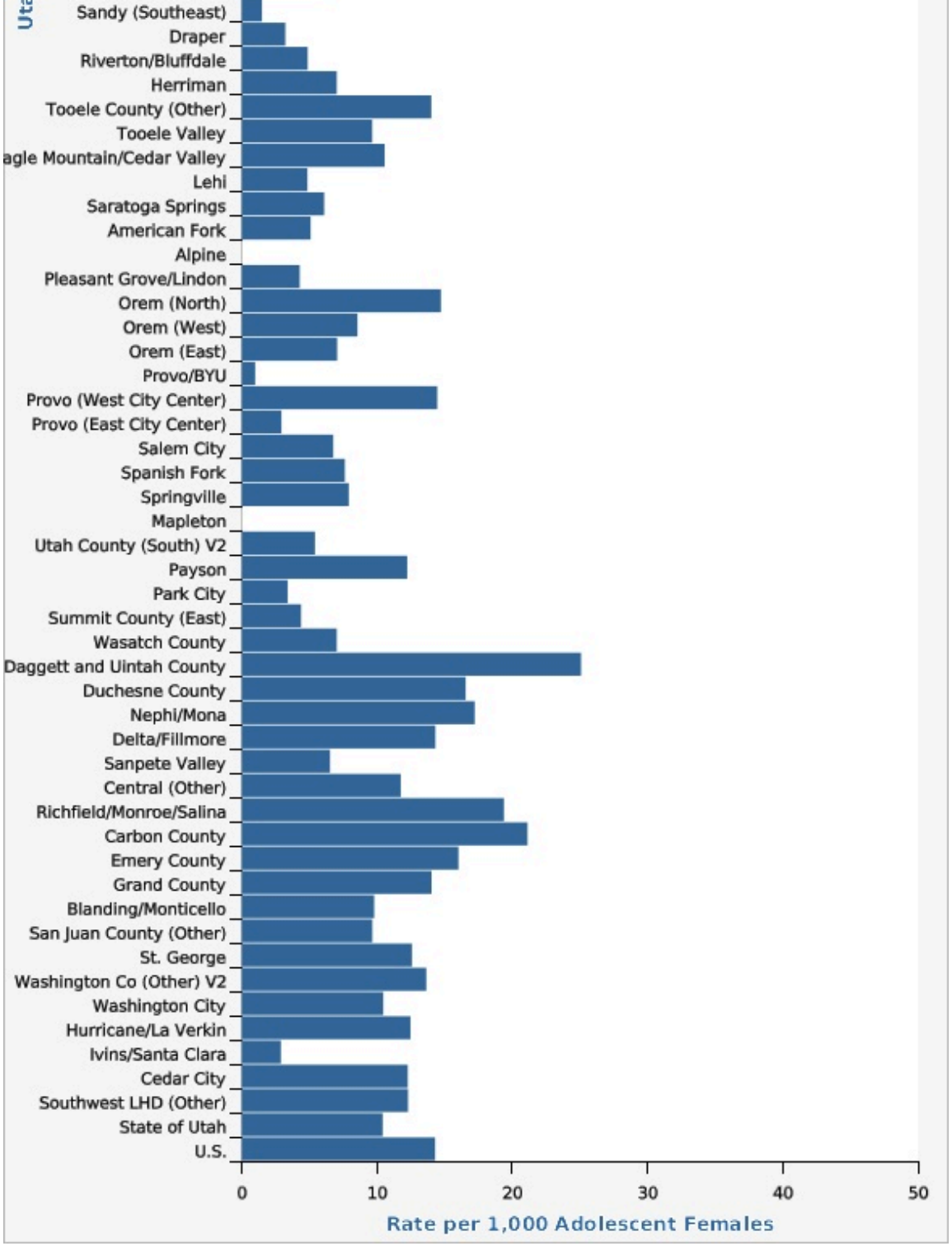
Data Sources

- Utah Birth Certificate Database, Office of Vital Records and Statistics, Utah Department of Health and Human Services
- For years 2020 and later, the population estimates are provided by the Kem C. Gardner Policy Institute, Utah state and county annual population estimates are by single year of age and sex, IBIS Version 2022
- National Vital Statistics System, National Center for Health Statistics, U.S. Centers for Disease Control and Prevention

Birth Rate for Females Aged 15-19 by Utah Small Area, 2020-2022

Birth Rate for Females Aged 15-19 by Utah Small Area, 2020-2022





	Rate per 1,000 Adolescent	Lower	Upper	Numer-	Denom-

Utah Small Areas	Rate per 1,000 Adolescent Females	Lower Limit	Upper Limit	Note	Numerator	Denominator
Brigham City	10.8	7.3	15.4		30	2,775
Box Elder Co (Other) V2	7.3	3.5	13.5	*	10	1,366
Tremonton	17.8	12.4	24.6		36	2,025
Logan V2	6.7	5.1	8.6		61	9,083
North Logan	7.4	4.9	10.9		26	3,495
Cache (Other)/Rich (All) V2	4.0	2.1	7.0		12	2,986
Hyrum	8.0	4.0	14.3	*	11	1,377
Smithfield	6.3	3.2	11.3	*	11	1,737
Ben Lomond	16.9	13.9	20.3		113	6,701
Weber County (East)	6.7	4.4	9.7		27	4,048
Morgan County	3.3	0.9	8.4	*	4	1,222
Ogden (Downtown)	19.8	16.0	24.4		90	4,533
South Ogden	8.6	6.0	12.0		36	4,172
Roy/Hooper	10.5	7.8	13.7		53	5,063
Riverdale	14.4	10.4	19.6		41	2,843
Clearfield Area/Hooper	13.1	10.8	15.8		108	8,238
Layton/South Weber	9.4	7.5	11.6		88	9,364
Kaysville/Fruit Heights	3.4	2.0	5.6		16	4,634
Syracuse	4.0	2.3	6.5		16	3,980
Centerville	2.8	0.9	6.4	*	5	1,813
Farmington	3.4	1.4	6.6	*	8	2,383
North Salt Lake	12.8	8.4	18.7		26	2,033
Woods Cross/West Bountiful	10.4	5.8	17.1		15	1,446
Bountiful	4.4	2.7	6.8		21	4,736
SLC (Rose Park)	21.4	17.1	26.4		87	4,066

SLC (Avenues)	3.4	1.3	7.4	*	6	1,753
SLC (Foothill/East Bench)	**			**		
Magna	27.1	21.7	33.4		87	3,209
SLC (Glendale) V2	32.8	26.3	40.4		88	2,684
West Valley (Center)	24.8	20.8	29.3		137	5,532
West Valley (West) V2	23.1	18.2	28.8		78	3,381
West Valley (East) V2	39.9	34.6	45.7		208	5,218
SLC (Downtown) V2	8.8	6.2	12.0		38	4,341
SLC (Southeast Liberty)	5.2	2.6	9.2	*	11	2,130
South Salt Lake	20.3	14.9	27.0		47	2,319
SLC (Sugar House)	6.0	3.5	9.7		17	2,817
Millcreek (South)	**			**		
Millcreek (East)	2.6	1.0	5.6	*	6	2,324
Holladay V2	9.1	5.4	14.4		18	1,969
Cottonwood	3.4	1.8	6.0		12	3,496
Kearns V2	26.1	21.6	31.3		117	4,483
Taylorsville (E)/Murray (W)	18.9	14.5	24.1		63	3,340
Taylorsville (West)	15.6	11.8	20.1		58	3,724
Murray	16.0	11.8	21.3		48	2,994
Midvale	22.0	17.2	27.9		70	3,174
West Jordan (Northeast) V2	16.3	12.2	21.4		52	3,186
West Jordan (Southeast)	19.4	15.3	24.2		76	3,925
West Jordan (W)/Copperton	8.8	6.7	11.4		57	6,485
South Jordan V2	4.1	2.4	6.5		18	4,361
Daybreak	4.7	2.9	7.2		21	4,452
Sandy (West)	10.8	7.4	15.3		32	2,961
Sandy (Center) V2	8.6	5.4	12.9		23	2,681

Sandy (Northeast)	7.0	4.0	11.4		16	2,275
Sandy (Southeast)	1.5	0.5	3.5	*	5	3,342
Draper	3.2	1.9	5.2		17	5,259
Riverton/Bluffdale	4.9	3.2	7.0		28	5,742
Herriman	7.0	5.2	9.2		52	7,398
Tooele County (Other)	14.0	9.4	20.1		29	2,068
Tooele Valley	9.6	7.4	12.3		64	6,632
Eagle Mountain/Cedar Valley	10.6	7.8	13.9		50	4,731
Lehi	4.9	3.4	6.7		37	7,606
Saratoga Springs	6.1	4.0	8.8		28	4,593
American Fork	5.1	3.6	7.1		36	7,058
Alpine	**			**		
Pleasant Grove/Lindon	4.3	2.9	6.1		31	7,231
Orem (North)	14.7	11.2	19.0		60	4,072
Orem (West)	8.6	6.5	11.1		57	6,657
Orem (East)	7.1	4.3	10.9		20	2,834
Provo/BYU	1.0	0.6	1.6		16	15,965
Provo (West City Center)	14.5	10.7	19.2		48	3,319
Provo (East City Center)	2.9	1.8	4.6		19	6,453
Salem City	6.8	3.1	12.8	*	9	1,330
Spanish Fork	7.6	5.5	10.3		42	5,507
Springville	7.9	5.3	11.3		30	3,790
Mapleton	**			**		
Utah County (South) V2	5.4	2.8	9.5		12	2,212
Payson	12.2	8.9	16.5		43	3,514
Park City	3.4	1.6	6.3	*	10	2,939

Summit County (East)	4.4	1.4	10.2	*	5	1,139
Wasatch County	7.0	4.6	10.2		27	3,839
Daggett and Uintah County	25.1	20.3	30.7		94	3,746
Duchesne County	16.6	11.5	23.0		35	2,213
Nephi/Mona	17.2	10.5	26.6		20	1,161
Delta/Fillmore	14.3	8.2	23.3		16	1,117
Sanpete Valley	6.5	4.3	9.5		27	4,135
Central (Other)	11.8	7.8	17.1		27	2,295
Richfield/Monroe/Salina	19.4	13.4	27.2		33	1,702
Carbon County	21.1	15.3	28.5		43	2,035
Emery County	16.0	9.2	26.0		16	998
Grand County	14.0	7.2	24.5		12	855
Blanding/Monticello	9.8	4.5	18.6	*	9	918
San Juan County (Other)	9.7	4.2	19.0	*	8	828
St. George	12.6	10.5	14.9		133	10,566
Washington Co (Other) V2	13.6	7.5	22.9		14	1,026
Washington City	10.5	7.1	15.0		30	2,864
Hurricane/La Verkin	12.5	8.8	17.1		38	3,046
Ivins/Santa Clara	2.9	0.9	6.8	*	5	1,727
Cedar City	12.3	9.8	15.1		88	7,165
Southwest LHD (Other)	12.3	8.4	17.4		31	2,521
State of Utah	10.4	10.1	10.8		3,842	368,378
U.S.	14.3					

Record Count: 101

Data Notes

A description of the Utah Small Areas may be found on IBIS at the following URL: https://ibis.health.utah.gov/resource/Guidelines.html.

*Use caution in interpreting, the estimate has a coefficient of variation >30% and is therefore deemed unreliable by

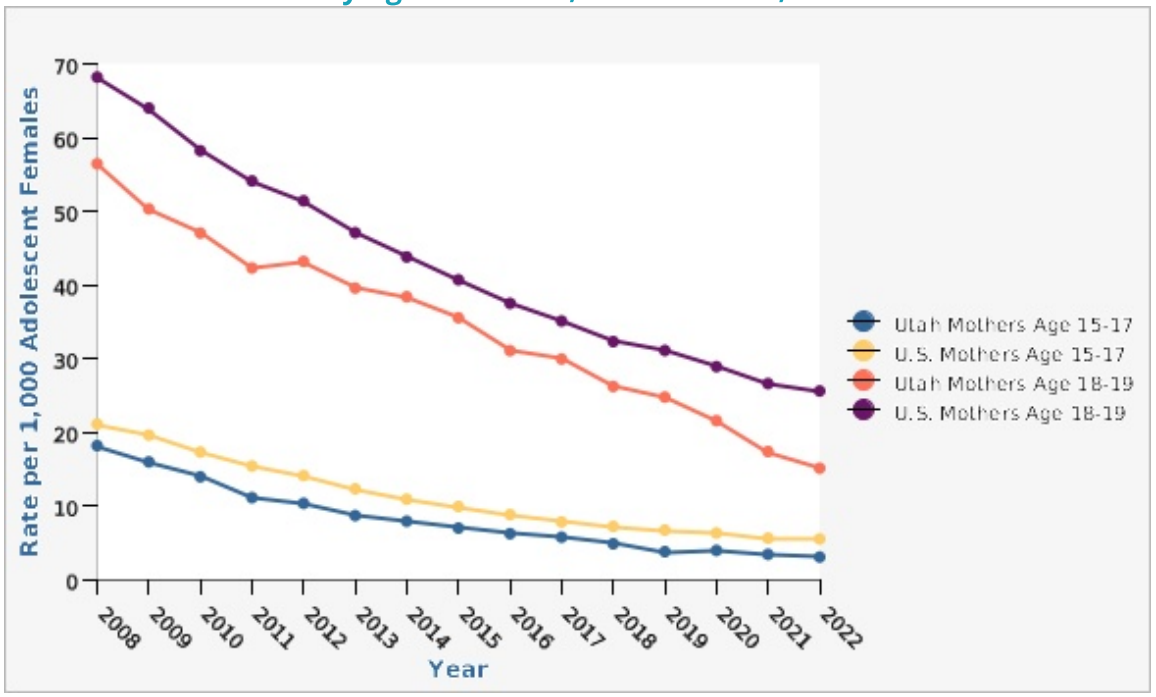
Utah Department of Health and Human Services standards.

**The estimate has been suppressed because 1) the relative standard error is greater than 50% or 2) the observed number of events is very small and not appropriate for publication.

Data Sources

- Utah Birth Certificate Database, Office of Vital Records and Statistics, Utah Department of Health and Human Services
- Population estimates used linear interpolation of U.S. Census Bureau, Kem C. Gardner Policy Institute population estimates, and ESRI ZIP Code data provided annual population estimates for ZIP Code areas by sex and age groups, IBIS Version 2022
- National Vital Statistics System, National Center for Health Statistics, U.S. Centers for Disease Control and Prevention

Adolescent Birth Rate by Age of Mother, Utah and U.S., 2008-2022



Age 15-17 vs 18-19, UT & US	Year	Rate per 1,000 Adolescent Females	Lower Limit	Upper Limit	Note	Numer-ator	Denom-inator
Utah Mothers Age 15-17	**2008**	18.2	17.1	19.3			

Utah Mothers Age 15-17	**2009**	16.0	15.0	17.0			
Utah Mothers Age 15-17	**2010**	14.0	13.0	14.9			
Utah Mothers Age 15-17	**2011**	11.1	10.3	12.0			
Utah Mothers Age 15-17	**2012**	10.3	9.6	11.1			
Utah Mothers Age 15-17	**2013**	8.7	8.0	9.4			
Utah Mothers Age 15-17	**2014**	7.9	7.3	8.6			
Utah Mothers Age 15-17	**2015**	7.0	6.4	7.6			
Utah Mothers Age 15-17	**2016**	6.2	5.7	6.8			
Utah Mothers Age 15-17	**2017**	5.7	5.2	6.3			
Utah Mothers Age 15-17	**2018**	4.9	4.4	5.4			
Utah Mothers Age 15-17	**2019**	3.8	3.4	4.2			
Utah Mothers Age 15-17	**2020**	3.9	3.5	4.4			
Utah Mothers Age 15-17	**2021**	3.4	3.0	3.8			
Utah Mothers Age 15-17	**2022**	3.0	2.7	3.4		257	84,333
U.S. Mothers Age 15-17	**2008**	21.1					
U.S. Mothers Age 15-17	**2009**	19.6					

U.S. Mothers Age 15-17	**2010**	17.3					
U.S. Mothers Age 15-17	**2011**	15.4					
U.S. Mothers Age 15-17	**2012**	14.1					
U.S. Mothers Age 15-17	**2013**	12.3					
U.S. Mothers Age 15-17	**2014**	10.9					
U.S. Mothers Age 15-17	**2015**	9.9					
U.S. Mothers Age 15-17	**2016**	8.8					
U.S. Mothers Age 15-17	**2017**	7.8					
U.S. Mothers Age 15-17	**2018**	7.2					
U.S. Mothers Age 15-17	**2019**	6.7					
U.S. Mothers Age 15-17	**2020**	6.3					
U.S. Mothers Age 15-17	**2021**	5.6					
U.S. Mothers Age 15-17	**2022**	5.5			*		
Utah Mothers Age 18-19	**2008**	56.4	54.3	58.6			
Utah Mothers Age 18-19	**2009**	50.3	48.3	52.4			
Utah Mothers Age 18-19	**2010**	47.0	45.1	49.0			

Utah Mothers Age 18-19	**2011**	42.3	40.4	44.3			
Utah Mothers Age 18-19	**2012**	43.2	41.2	45.2			
Utah Mothers Age 18-19	**2013**	39.6	37.7	41.5			
Utah Mothers Age 18-19	**2014**	38.4	36.5	40.3			
Utah Mothers Age 18-19	**2015**	35.5	33.8	37.4			
Utah Mothers Age 18-19	**2016**	31.0	29.4	32.7			
Utah Mothers Age 18-19	**2017**	29.9	28.4	31.6			
Utah Mothers Age 18-19	**2018**	26.2	24.8	27.7			
Utah Mothers Age 18-19	**2019**	24.8	23.4	26.2			
Utah Mothers Age 18-19	**2020**	21.6	20.3	22.9			
Utah Mothers Age 18-19	**2021**	17.4	16.3	18.5		998	57,450
Utah Mothers Age 18-19	**2022**	15.1	14.2	16.1		946	62,582
U.S. Mothers Age 18-19	**2008**	68.2					
U.S. Mothers Age 18-19	**2009**	64.0					
U.S. Mothers Age 18-19	**2010**	58.2					
U.S. Mothers Age 18-19	**2011**	54.1					
U.S. Mothers Age 18-19	**2012**	51.4					

U.S. Mothers Age 18-19	**2012**	51.4					
U.S. Mothers Age 18-19	**2013**	47.1					
U.S. Mothers Age 18-19	**2014**	43.8					
U.S. Mothers Age 18-19	**2015**	40.7					
U.S. Mothers Age 18-19	**2016**	37.5					
U.S. Mothers Age 18-19	**2017**	35.1					
U.S. Mothers Age 18-19	**2018**	32.3					
U.S. Mothers Age 18-19	**2019**	31.1					
U.S. Mothers Age 18-19	**2020**	28.9					
U.S. Mothers Age 18-19	**2021**	26.6					
U.S. Mothers Age 18-19	**2022**	25.6			*		

Record Count: 60

Data Notes

*2022 Provisional Data

Data Sources

- Utah Birth Certificate Database, Office of Vital Records and Statistics, Utah Department of Health and Human Services
- For years 2020 and later, the population estimates are provided by the Kem C. Gardner Policy Institute, Utah state and county annual population estimates are by single year of age and sex, IBIS Version 2022
- Population Estimates for 2000-2019: National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Census Bureau, IBIS Version 2020
- National Vital Statistics System, National Center for Health Statistics, U.S. Centers for Disease Control and Prevention

References and Community Resources

Utah Department of Health and Human Services
Adolescent Health Program
https://adolescenthealth.utah.gov/teen-pregnancy-prevention/

Power to Decide: The Campaign to Prevent Unplanned Pregnancy
https://powertodecide.org/news/we-are-power-decide

Center for Disease Control and Prevention, Division of Adolescent and School Health (DASH)
http://www.cdc.gov/healthyyouth/

U.S. Department of Health & Human Services, Administration for Children & Families, Family and Youth Services Bureau (FYSB)
https://www.acf.hhs.gov/fysb

More Resources and Links

Evidence-based community health improvement ideas and interventions may be found at the following sites:

- Centers for Disease Control and Prevention (CDC) WONDER Database, a system for disseminating public health data and information.
- United States Census Bureau data dashboard.
- Utah healthy Places Index, evidence-based and peer-reviewed tool, supports efforts to prioritize equitable community investments, develop critical programs and policies across the state, and much more.
- County Health Rankings
- Kaiser Family Foundation's StateHealthFacts.org
- Medical literature can be queried at PubMed library.

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Cases of sexually transmitted diseases and rates per 100,000 population, Utah and United States (U.S.), 2013-2022

	Chlamydia			Gonorrhea			Primary and secondary syphilis		
	Utah		U.S.	Utah		U.S.	Utah		U.S.
Year	Cases	Rate	Rate	Cases	Rate	Rate	Cases	Rate	Rate
2013	7501	258.8	443.5	951	32.8	105.3	79	2.7	5.5
2014	8218	279.7	452.2	1440	49.0	109.8	53	1.8	6.3
2015	8611	288.6	475.0	1560	52.3	123.0	66	2.2	7.4
2016	9460	310.8	494.7	2100	69.0	145.0	93	3.1	8.6
2017	10135	326.6	524.6	2541	81.9	170.6	117	3.8	9.4
2018	10558	334.6	537.5	2895	91.8	178.3	168	5.3	10.7
2019	11072	345.6	552.8	2878	89.8	188.4	138	4.3	11.9
2020	10491	322.8	481.3	3120	96.0	206.5	133	4.1	12.7
2021	11226	336.3	495.5	3627	108.7	214	207	6.2	53.2
2022	11107	328.7	*	3082	91.2	*	239	7	*

Note: Cases were classified by Morbidity and Mortality Weekly Report (MMWR) year.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

*2022 US Data not available. Utah data for 2022 is prelimenary. The 2022 population was estimated by calculating the average growth of the population over the last ten years and adding it to 2021's estimate.

Chlamydia cases and rates by age group and sex, Utah, 2013-2022

Sex	Age group (years)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Male	<1	<11	0	0	<11	<11	<11	<11	0	0	<11	19.4*	_	0.0	0.0	_	_	_	_	0.0	0.0	_
	1 to 9	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10 to 14	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	4.1*	_	_	6.2*	7.6*	5.2*	5.1*	_	_	_	6.9*
	15 to 19	362	458	439	483	535	542	569	563	549	514	367.7	318.9	397.9	373.1	399.5	432.3	428.0	440.6	431.1	394.9	365.2
	20 to 24	866	934	979	1061	1117	1185	1276	1188	1330	1266	714.7	691.5	741.9	767.0	822.7	855.1	890.4	940.4	857.1	919.3	864.3
	25 to 29	616	656	646	761	831	801	953	875	947	920	493.2	567.2	597.0	577.7	646.5	672.5	630.2	737.6	665.3	730.2	700.6
	30 to 34	316	336	357	463	446	532	522	491	595	571	280.1	273.6	293.5	315.8	416.1	405.6	484.3	466.6	430.3	502.0	475.8
	35 to 39	161	194	218	291	258	297	363	327	317	330	152.3	157.3	182.2	197.2	254.8	221.6	252.3	309.1	281.4	253.6	260.8
	40 to 44	79	112	121	159	131	145	187	184	226	211	83.6	90.6	125.5	132.5	169.0	132.7	139.9	172.9	163.1	196.5	181.2
	45 to 49	45	56	64	92	88	99	97	105	102	114	64.7	59.7	73.3	81.3	111.9	103.6	113.1	107.8	113.9	105.1	116.0
	50 to 54	20	44	48	63	46	58	58	71	74	68	33.8	25.9	57.2	63.0	83.7	61.1	77.1	76.0	90.0	85.7	77.8
	55 to 59	<11	13	33	22	45	42	47	43	37	18	11.3*	6.9*	17.8	44.4	29.2	59.3	54.9	61.4	56.5	47.0	22.6
	60 to 64	<11	<11	<11	14	<11	17	21	16	24	27	_	8.4*	6.4*	14*	20.9	13*	24.0	29.2	21.8	31.6	35.1
	65+	<11	<11	<11	<11	11	<11	15	<11	<11	15	0.0	_	_	_	4.7*	7.1*	4.9*	8.8	_	4.9*	8.1
	Unknown	0	0	0	0	0	0	0	0	0	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Male total	2484	2810	2925	3427	3525	3735	4112	3871	4214	4069	171.9	170.4	190.1	194.8	223.6	225.5	235.1	254.8	236.4	248.6	237.1
Female	<1	<11	0	<11	0	<11	0	0	0	<11	0	_	_	0.0	_	0.0	_	0.0	0.0	0.0	_	0.0
	1 to 9	<11	0	0	0	0	<11	0	<11	<11	<11	_	_	0.0	0.0	0.0	0.0	_	0.0	_	_	_
	10 to 14	37	49	47	53	48	46	43	41	59	33	47.2	31.0	40.3	38.1	42.3	37.6	35.4	33.0	31.4	43.7	24.1
	15 to 19	1651	1684	1815	1900	2018	2099	2051	1871	1840	1803	1630.3	1520.0	1528.4	1605.4	1643.1	1693.1	1720.0	1642.0	1478.6	1399.0	1354.0
	20 to 24	1890	2088	2079	2246	2499	2553	2641	2603	2736	2730	1656.5	1574.4	1697.9	1692.5	1828.7	2009.2	2019.2	2048.8	1982.6	2017.2	1988.0
	25 to 29	773	792	871	912	1053	1100	1158	1051	1148	1231	663.0	735.0	749.6	808.8	809.4	899.1	916.7	948.5	852.8	941.2	996.8
	30 to 34	382	457	477	473	483	511	474	501	597	561	338.0	343.5	412.7	436.4	434.1	447.2	474.6	436.1	452.6	516.5	479.3
	35 to 39	161	187	224	250	285	271	324	272	323	290	165.6	163.4	182.6	210.2	226.9	253.0	237.9	284.6	241.3	284.4	252.2
	40 to 44	78	93	89	122	124	136	141	181	166	200	80.8	92.8	108.3	101.3	134.7	130.7	136.3	135.2	166.3	146.1	173.9
	45 to 49	24	36	42	46	63	58	75	53	87	89	29.6	32.7	48.6	55.2	58.0	76.6	68.4	86.4	59.5	95.0	96.0
	50 to 54	13	14	27	20	16	29	29	28	28	39	20.5	16.6	17.9	35.1	26.4	21.4	39.2	38.7	36.3	33.7	46.3
	55 to 59	<11	<11	11	<11	14	11	17	11	19	46	8.3*	8.1*	8*	14.4*	7.7*	17.8	13.9*	21.6	14.1*	24.8	59.3
	60 to 64	0	<11	<11	<11	<11	<11	<11	<11	<11	10	_	0.0	_	_	_	8.3*	6.8*	6.6*	7.8*	6.2*	12.3*
	65+	0	0	<11	<11	0	<11	<11	<11	0	<11	_	0.0	0.0	_	_	0.0	_	_	_	0.0	_
	Unknown	0	0	0	0	0	0	0	0	0	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Female total	5017	5408	5686	6033	6610	6823	6960	6620	7012	7038	362.2	348.1	370.3	383.6	399.0	429.1	435.7	437.8	410.6	426.7	423.0
Total	<1	<11	0	<11	<11	<11	<11	<11	0	<11	<11	11.9*	_	0.0	_	_	_	_	_	0.0	_	_
	1 to 9	<11	0	0	0	0	<11	0	<11	<11	<11	_	_	0.0	0.0	0.0	0.0	_	0.0	_	_	_
	10 to 14	41	51	55	63	55	53	46	45	63	43	25.1	16.8	20.5	21.8	24.5	20.9	19.8	17.1	16.7	22.7	15.3
	15 to 19	2013	2142	2254	2383	2553	2641	2620	2434	2390	2317	985.8	906.2	950.8	977.0	1004.8	1050.8	1062.0	1031.3	946.6	883.5	845.9
	20 to 24	2756	3022	3058	3307	3616	3738	3917	3791	4068	3996	1181.3	1114.1	1214.3	1220.9	1313.4	1418.0	1440.4	1480.4	1404.6	1451.3	1408.0
	25 to 29	1389	1448	1517	1673	1884	1901	2111	1926	2094	2151	576.6	649.7	671.8	691.1	726.2	782.8	769.3	840.1	756.0	832.1	844.2
	30 to 34	698	793	834	936	929	1043	996	992	1191	1132	308.5	307.9	352.1	375.1	425.0	426.2	479.5	451.6	441.3	508.7	477.5
	35 to 39	322	381	442	541	543	568	687	599	640	620	158.8	160.3	182.4	203.6	241.1	237.0	245.2	297.0	261.6	268.3	256.7
	40 to 44	157	205	210	281	255	281	328	365	391	411	82.2	91.7	117.1	117.2	152.2	131.7	138.1	154.4	164.7	171.1	177.6
	45 to 49	69	92	106	138	151	157	172	158	189	203	47.3	46.4	61.2	68.4	85.4	90.3	91.1	97.3	87.2	100.2	106.3
	50 to 54	33	58	75	83	62	87	87	99	102	107	27.1	21.2	37.4	49.0	55.0	41.4	58.3	57.5	63.4	60.2	62.4
	55 to 59	11	19	44	28	59	53	64	54	56	64	9.8	7.5*	12.8	29.1	18.3	38.2	34.1	41.2	35.1	36.1	40.7
	60 to 64	<11	<11	<11	17	15	22	26	22	29	37	_	4.1*	4.7*	7.6*	12.4*	10.6	15.2	17.6	14.6	18.6	23.4
	65+	<11	<11	<11	<11	11	<11	17	<11	<11	17	_	_	_	_	2.8*	3.3*	2.9*	4.7	1.3*	2.3*	4.3
	Unknown	0	0	0	0	0	0	0	0	0	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total cases	7501	8218	8611	9460	10135	10558	11072	10491	11226	11107	266.5	258.8	279.7	288.6	310.8	326.6	334.6	345.6	322.8	336.3	328.6

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year. Utah data for 2022 is preliminary. The 2022 population was estimated by calculating the average growth of the population over the last ten years and adding it to 2021's estimate.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for reliability. Rate estimates with relative standard errors greater than 50% have been suppressed.

Chlamydia Cases and Rates by Local Health District, Utah, 2013-2022

Local health district	Cases										Rates per 100,000 population									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bear River	251	267	348	354	353	394	391	381	427	406	147.6	155.6	200.1	199.3	195.5	214.3	209.4	201.1	213.8	200.8
Central	91	110	91	89	106	123	135	118	146	141	119.9	144.4	118.3	113.8	133.4	152.4	164.8	142.4	181.6	173.3
Davis	891	954	891	968	1143	1145	1154	954	965	972	276.4	290.1	266.1	283.7	329.5	326.1	324.8	265.6	262.7	261.4
Salt Lake	3792	4279	4579	5107	5328	5289	5709	5454	5830	5762	351.2	392.4	415.3	455.7	468.5	460.3	492.8	467.9	491.4	479.7
San Juan	N/A	N/A	55	54	59	43	55	15	41	47	N/A	N/A	360.6	351.9	386.0	280.4	361.2	98.2	283.0	320.4
Southeastern	168	126	69	69	70	100	91	69	81	97	299.8	225.7	171.3	171.7	175.9	250.0	225.8	169.5	202.5	239.5
Southwest	380	432	410	460	556	653	701	651	672	720	179.0	199.2	185.2	201.7	235.5	267.3	277.3	249.0	247.0	261.3
Summit	74	91	89	120	118	116	132	129	111	141	192.5	232.5	224.3	295.8	285.2	277.0	313.7	303.5	257.6	323.1
Tooele	141	143	164	159	194	187	188	176	197	170	232.5	232.6	261.7	246.0	287.4	267.3	260.7	236.2	257.0	219.1
TriCounty	112	137	118	124	111	147	97	107	126	91	197.2	235.2	197.8	215.4	197.9	261.1	171.2	188.1	221.2	157.7
Utah	774	940	974	1021	1180	1270	1362	1411	1603	1587	140.3	167.5	169.9	172.7	194.2	204.2	214.3	216.7	234.0	228.8
Wasatch	38	35	29	46	42	46	57	52	51	69	143.0	125.8	99.6	151.2	131.1	138.2	166.6	147.3	141.0	188.3
Weber-Morgan	789	702	794	885	875	1043	1000	970	970	900	317.8	279.9	312.6	342.3	332.3	390.0	367.9	352.6	346.8	317.7
Unknown	0	<11	0	<11	0	<11	0	<11	<11	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	7,501	8,218	8,611	9,460	10,135	10,558	10,491	10,487	11,226	11,107	258.8	279.7	288.6	310.8	326.6	334.6	345.6	322.8	336.3	328.6

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year. San Juan County has been an independent LHD since 2015. Prior to 2015, it was served by the Southeast Utah LHD.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.

Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Gonorrhea cases and rates by age group and sex, Utah, 2013-2022

Sex	Age group (years)	Cases										Rates per 100,000 population									
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Male	<1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1 to 9	0	0	0	0	0	0	0	0	<11	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
	10 to 14	<11	0	<11	<11	0	0	0	0	0	<11	–	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–
	15 to 19	38	62	66	90	120	131	124	148	150	113	33.5	53.9	56.1	74.4	97.0	103.4	96.0	113.3	107.9	80.3
	20 to 24	131	229	228	286	357	462	388	410	411	447	104.6	181.9	178.6	221.8	273.3	347.2	285.9	295.8	284.1	305.2
	25 to 29	133	200	266	311	390	423	456	428	529	486	122.5	182.0	237.9	264.2	315.6	332.8	352.9	325.4	407.9	370.1
	30 to 34	100	150	163	257	272	343	333	335	444	371	86.6	131.0	144.2	231.0	247.4	312.3	297.6	293.6	374.6	309.1
	35 to 39	60	97	122	170	219	232	224	238	287	254	58.6	91.1	110.3	148.9	188.1	197.1	190.7	204.8	229.6	200.7
	40 to 44	41	49	70	111	105	139	137	153	205	144	47.0	54.9	76.7	118.0	106.3	134.1	126.6	135.6	178.3	123.7
	45 to 49	29	40	45	80	95	83	77	84	141	73	38.4	52.4	57.2	97.3	111.9	94.8	85.6	91.1	145.3	74.3
	50 to 54	33	28	51	38	53	68	59	58	109	59	42.8	36.4	67.0	50.5	70.5	90.4	77.3	73.5	126.3	67.5
	55 to 59	<11	13	35	25	35	46	35	40	66	44	12.4*	17.8	47.0	33.2	46.1	60.2	45.7	52.5	83.8	55.2
	60 to 64	<11	<11	<11	11	18	17	23	26	36	27	–	11.3*	6.2*	16.4*	26.0	24.0	32.0	35.5	47.4	35.1
	65+	0	0	<11	<11	<11	12	13	<11	13	12	0.0	0.0	3.5*	–	4.5*	7.4	7.6	5.0*	7.1	6.5
	Unknown	0	0	0	0	0	0	<11	0	0	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Male total	578	875	1,056	1,384	1,671	1,956	1,870	1,929	2,392	2,032	39.7	59.2	70.3	90.3	106.9	123.1	115.8	117.8	141.1	118.4
Female	<1	0	<11	0	0	0	0	0	0	0	<11	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–
	1 to 9	0	0	0	0	0	<11	0	0	<11	<11	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	–	3.1*
	10 to 14	<11	<11	<11	<11	<11	11	<11	<11	<11	<11	–	4.1*	4.9*	4.0*	7.0*	8.5*	3.1*	3.8*	–	–
	15 to 19	50	89	72	125	156	188	149	205	200	177	46.0	80.8	63.7	107.5	130.9	154.1	119.3	162.0	152.1	132.9
	20 to 24	115	165	143	177	210	226	291	350	345	320	94.2	134.2	116.4	144.1	168.8	178.7	225.7	266.6	254.4	233.0
	25 to 29	82	119	108	160	191	198	209	236	227	188	78.0	112.6	100.3	142.0	163.1	165.0	171.2	191.5	186.1	152.2
	30 to 34	57	102	81	130	129	121	159	146	179	140	51.3	92.1	74.1	119.3	119.4	112.4	146.3	131.9	154.9	119.6
	35 to 39	35	52	55	60	85	103	87	102	122	104	35.5	50.8	51.6	54.4	75.5	90.4	76.4	90.5	107.4	90.4
	40 to 44	12	18	20	34	37	52	43	73	72	59	14.3	21.0	22.8	37.5	39.0	52.1	41.2	67.1	63.4	51.3
	45 to 49	<11	<11	13	16	27	20	38	42	29	32	5.4*	12.2*	17.1	20.2	32.8	23.6	43.8	47.2	31.7	34.5
	50 to 54	11	<11	<11	<11	16	<11	21	21	29	14	14.0*	5.1*	6.5*	9.3*	21.4	13.5*	28.0	27.2	34.9	16.6
	55 to 59	<11	<11	<11	<11	<11	<11	<11	<11	<11	<11	–	–	–	–	7.6*	7.6*	6.3*	11.6*	11.8*	5.2*
	60 to 64	<11	0	0	<11	<11	<11	<11	<11	<11	<11	–	0.0	0.0	–	5.5*	–	–	–	7.5*	4.9*
	65+	0	0	0	0	0	0	<11	0	<11	0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	0.0
	Unknown	0	0	0	0	0	0	0	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Female total	373	565	504	716	870	939	1,008	1,191	1,234	1,050	25.9	38.7	34.0	47.4	56.5	60.0	63.4	73.9	74.5	63.1
Total	<1	0	<11	0	0	0	0	0	0	0	<11	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–
	1 to 9	0	0	0	0	0	<11	0	0	<11	<11	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	–	1.5*
	10 to 14	<11	<11	<11	<11	<11	11	<11	<11	<11	<11	–	2.0*	2.8*	3.1*	3.4*	4.1*	1.5*	1.9*	–	1.4*
	15 to 19	88	151	138	215	276	319	273	353	350	290	39.6	67.0	59.8	90.7	113.6	128.3	107.5	137.3	129.4	105.9
	20 to 24	246	394	371	463	567	688	679	760	756	767	99.4	158.3	148.1	183.9	222.3	265.1	256.6	281.6	269.7	270.3
	25 to 29	215	319	374	471	581	621	665	664	756	674	100.6	148.0	170.4	204.5	241.4	251.3	264.6	260.6	300.4	264.5
	30 to 34	157	252	244	387	401	464	492	481	623	511	69.3	111.9	109.7	175.7	184.0	213.3	223.1	214.0	266.1	215.6
	35 to 39	95	149	177	230	304	335	311	340	409	358	47.3	71.3	81.5	102.5	132.7	144.6	134.5	148.5	171.4	148.2
	40 to 44	53	67	90	145	142	191	180	226	277	203	31.0	38.3	50.2	78.5	73.4	93.9	84.7	102.0	121.2	87.7
	45 to 49	33	49	58	96	122	103	115	126	170	105	22.2	32.6	37.5	59.4	73.0	59.8	65.0	69.5	90.1	55.0
	50 to 54	44	32	56	45	69	78	80	79	138	73	28.3	20.7	36.6	29.8	46.0	52.3	52.9	50.6	81.4	42.5
	55 to 59	12	14	36	26	41	52	40	49	75	48	8.2	9.4	23.8	17.0	26.5	33.5	25.7	31.8	48.3	30.5
	60 to 64	<11	<11	<11	12	22	19	24	28	42	31	4.1*	5.5*	3.0*	8.8	15.6	13.1	16.3	18.6	26.9	19.6
	65+	0	0	<11	<11	<11	12	14	<11	15	12	0.0	0.0	1.6*	–	2.1*	3.4	3.8	2.4*	3.9	3.1
	Unknown	0	0	0	0	0	0	<11	0	0	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total cases	951	1,440	1,560	2,100	2,541	2,895	2,878	3,120	3,616	3,082	32.8	49.0	52.3	69.0	81.9	91.8	89.8	96.0	108.3	91.2

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year. Utah data for 2022 is preliminary. The 2022 population was estimated by calculating the average growth of the population over the last ten years and adding it to 2021's estimate.

Data sources: Utah Department of Health and Human Services Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system) and population data from Utah Population Committee estimates by the Kem C. Gardner Policy Institute.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.

Note: Rate estimates with relative standard errors greater than 50% have been suppressed.

Gonorrhea Cases and Rates by Local Health District, Utah, 2013-2022

Local health district	Cases										Rates per 100,000 population										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bear River	<11	35	17	27	49	53	39	57	62	70	4.8*	4.1*	20.4	9.8	15.2	27.1	28.8	20.9	30.1	31.0	34.6
Central	<11	<11	<11	<11	<11	24	11	13	28	22	_	_	9.2*	10.4*	12.8*	11.3*	29.7	13.4*	15.7	34.8	27.0
Davis	64	105	93	138	184	217	228	244	254	236	13.0	19.9	31.9	27.8	40.4	53.0	61.8	64.2	67.9	316.0	63.4
Salt Lake	685	1001	1048	1436	1653	1909	1894	1990	2346	1999	32.0	63.4	91.8	95.0	128.1	145.3	166.2	163.5	170.7	197.7	166.4
San Juan	0	0	<11	<11	<11	<11	16	<11	13	9	N/A	N/A	N/A	_	39.1*	32.7*	45.6*	105.1	32.7*	89.7	61.3*
Southeastern	<11	<11	<11	<11	19	21	15	12	15	10	8.8*	8.9*	12.5*	14.9*	14.9*	47.8	52.5	37.2	29.5	37.4	24.7*
Southwest	16	23	55	56	88	65	84	94	152	104	6.7	7.5	10.6	24.8	24.6	37.3	26.6	33.2	36.0	55.9	37.7
Summit	<11	<11	<11	11	<11	22	24	25	22	22	_	13*	23*	25.2*	27.1	16.9	52.5	57.0	58.8	51.1	50.4
Tooele	<11	22	28	29	42	26	47	53	76	51	_	11.5*	35.8	44.7	44.9	62.2	37.2	65.2	71.1	99.2	65.7
TriCounty	<11	<11	12	<11	14	28	25	20	23	18	_	10.6*	12*	20.1	10.4*	25.0	49.7	44.1	35.2	40.4	31.2
Utah	67	97	129	159	201	229	244	328	349	325	3.1	12.1	17.3	22.5	26.9	33.1	36.8	38.4	50.4	50.9	46.8
Wasatch	<11	<11	<11	<11	<11	<11	<11	17	19	14	0.0	_	_	_	29.6*	25*	_	20.5*	48.2	52.5	38.2
Weber-Morgan	85	124	147	206	262	290	243	260	268	201	17.9	_	_	_	79.7	99.5	108.4	89.4	94.5	95.8	70.9
Unknown	0	<11	0	<11	0	0	<11	<11	0	<11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
State total	951	1,440	1,560	2,100	2,541	2,895	2,878	3,120	3,627	3,084	16.9	32.8	49.0	52.3	69.0	81.9	91.8	89.8	96.0	108.7	91.2

Note: Cases were classified by *Morbidity and Mortality Weekly Report (MMWR)* year. 2022 US Data not available. Utah data for 2022 is prelimenary. The 2022 population was estimated by calculating the average growth of the population over the last ten years and adding it to 2021's estimate.

Sources: Utah Cases - Department of Health and Human Services, Office of Communicable Diseases, UT-NEDSS (reportable disease surveillance system); Population Estimates - National Center for Health Statistics (NCHS) through a collaborative agreement with the U.S. Bureau of the Census.

* Use caution in interpreting, the estimate has a relative standard error greater than 30% and does not meet DHHS standards for realiability.

Note: Rate estimates with relative standard errors greater than 50% have been suppressed.