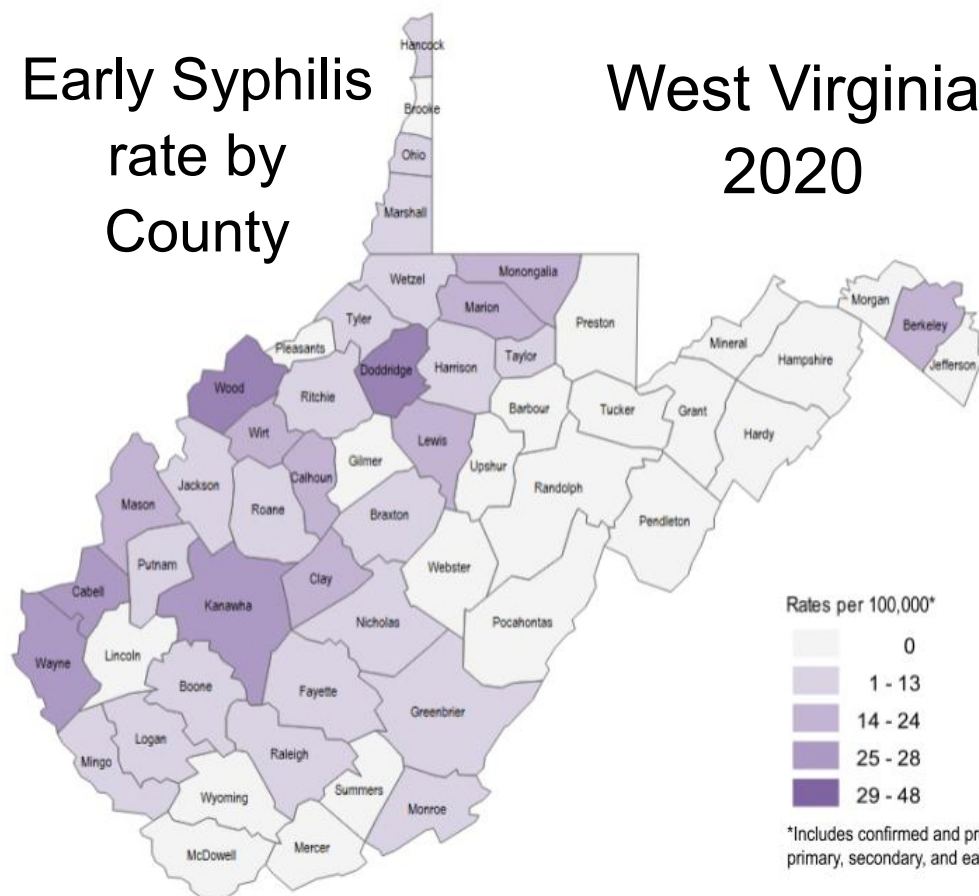


Syphilis is a Sexually Transmitted Infection (STI) caused by the bacterium *Treponema Pallidum*. The infection develops in stages (primary, secondary, latent, and tertiary). Early Syphilis (ES) is defined as an infection that was contracted within the last year, when the patient is most infectious. Syphilis is spread through direct contact with a syphilis sore during vaginal, anal, or oral sex. Pregnant women can also spread Syphilis to their baby, causing health complications, miscarriage, or even stillbirth. During primary Syphilis, a sore develops where the bacteria entered the body. Sores are usually round and painless, and go away on their own without treatment. During secondary Syphilis a skin rash and/or patches in the mouth, vagina, or anus develop. Without treatment, infection will move to latent or tertiary stages, and can even spread to the brain and/or nervous system (Neurosyphilis). People who test positive for Syphilis should get treated with penicillin immediately. Syphilis is curable, but treatment may not undo the damage caused. Using condoms and other barrier methods correctly and consistently, as well as mutual monogamy among partners, can reduce the spread of Syphilis among people who are sexually active.

Early Syphilis rate by County

West Virginia 2020



Wood	48
Doddridge	48
Wayne	28
Kanawha	28
Cabell	26
Clay	24
Mason	23
Monongalia	22
Marion	20
Lewis	19
Wirt	17
Berkeley	15
Calhoun	14
Harrison	13
Tyler	12
Taylor	12
Putnam	11
Ritchie	10
Nicholas	8
Monroe	8
Wetzel	7
Roane	7
Ohio	7
Jackson	7
Hancock	7
Braxton	7
Logan	6
Raleigh	5
Boone	5
Mingo	4
Marshall	3
Greenbrier	3
Fayette	2
Wyoming	0
Webster	0
Upshur	0
Tucker	0
Summers	0
Randolph	0
Preston	0
Pocahontas	0
Pleasants	0
Pendleton	0
Morgan	0
Mineral	0
Mercer	0
McDowell	0
Lincoln	0
Jefferson	0
Hardy	0
Hampshire	0
Grant	0
Gilmer	0
Brooke	0
Barbour	0

Overview In 2020, 235 cases of Early Syphilis were reported to WV BPH.

By Sex: Men made up 58.7% (138) of early syphilis cases, and Women made up 41.3% (97).

By Age: People aged 26-30 accounted for 23.8% of cases (56), which was the most of any age group.

By Race/Ethnicity: White non-Hispanic people had 80.4% of cases (189). However, Black people had the highest rate per capita at 38.6 per 100,000.

By Geography: People residing in Kanawha County accounted for 19.6% of cases (46), the most total cases than any other county. However, Wood County had the highest rate per capita.*

*The patient's county of residency is used to determine infection rates. Institutions such as colleges, prisons, and shelters may affect these numbers, as the patient is a temporary resident of that county.