

## Introduction

The herpes simplex virus, also known as HSV, is an infection that causes herpes. Herpes can appear in various parts of the body, most commonly on the genitals or mouth. There are two types of the herpes simplex virus.

- HSV-1: primarily causes oral herpes, and is generally responsible for cold sores and fever blisters around the mouth and on the face.
- HSV-2: primarily causes genital herpes, and is generally responsible for genital herpes outbreaks.

## Symptoms

It's important to understand that someone may not have visible sores or symptoms and still be infected by the virus. They may also transmit the virus to others.

Some of the symptoms associated with this virus include:

- blistering sores (in the mouth or on the genitals), pain during urination (genital herpes), itching.

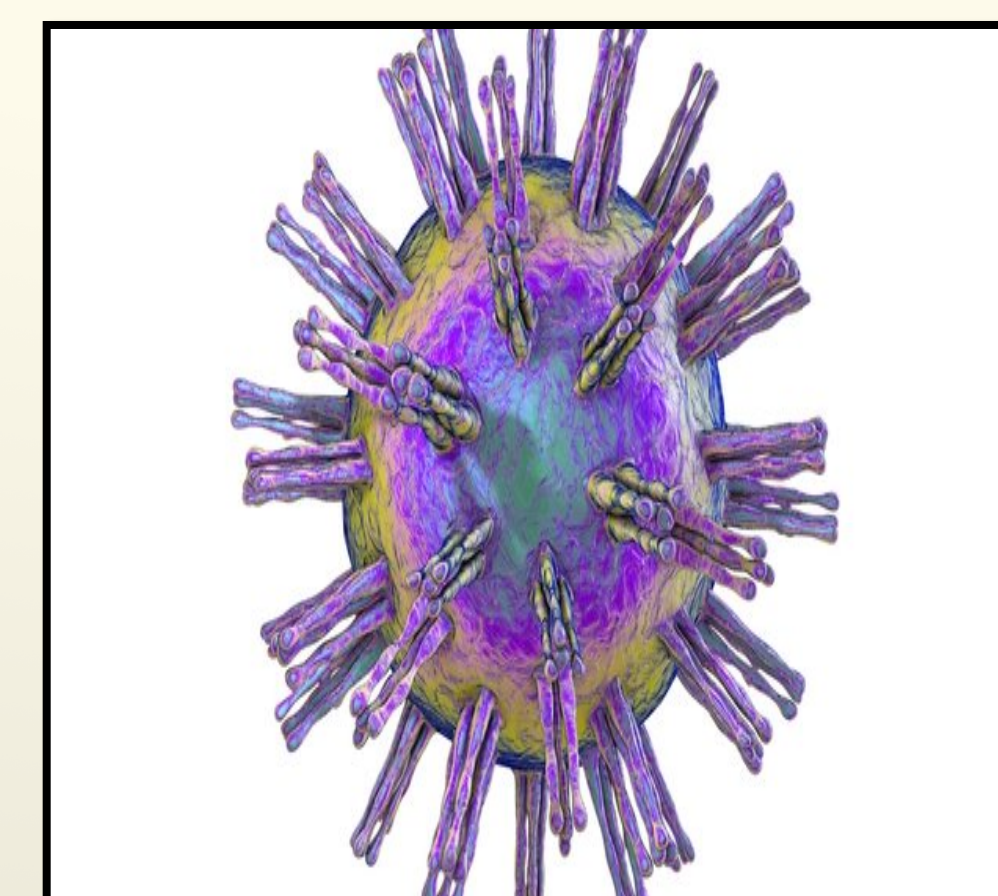
You may also experience symptoms that are similar to the flu. These symptoms can include:

(fever, swollen lymph nodes, headaches, tiredness, lack of appetite)

HSV can also spread to the eyes, causing a condition called herpes keratitis. This can cause symptoms such as eye pain, discharge, and a gritty feeling in the eye.

## Infection

- The main method that causes the transmission of herpes simplex disease is contact with infected skin, where the disease is transmitted to healthy skin.
- Herpes is also transmitted from mother to fetus during the natural birth process.
- In the event that the person touched the areas of the herpes virus infection, and did not wash his hands well with soap and water, and touched another area, this leads to the transmission of infection.

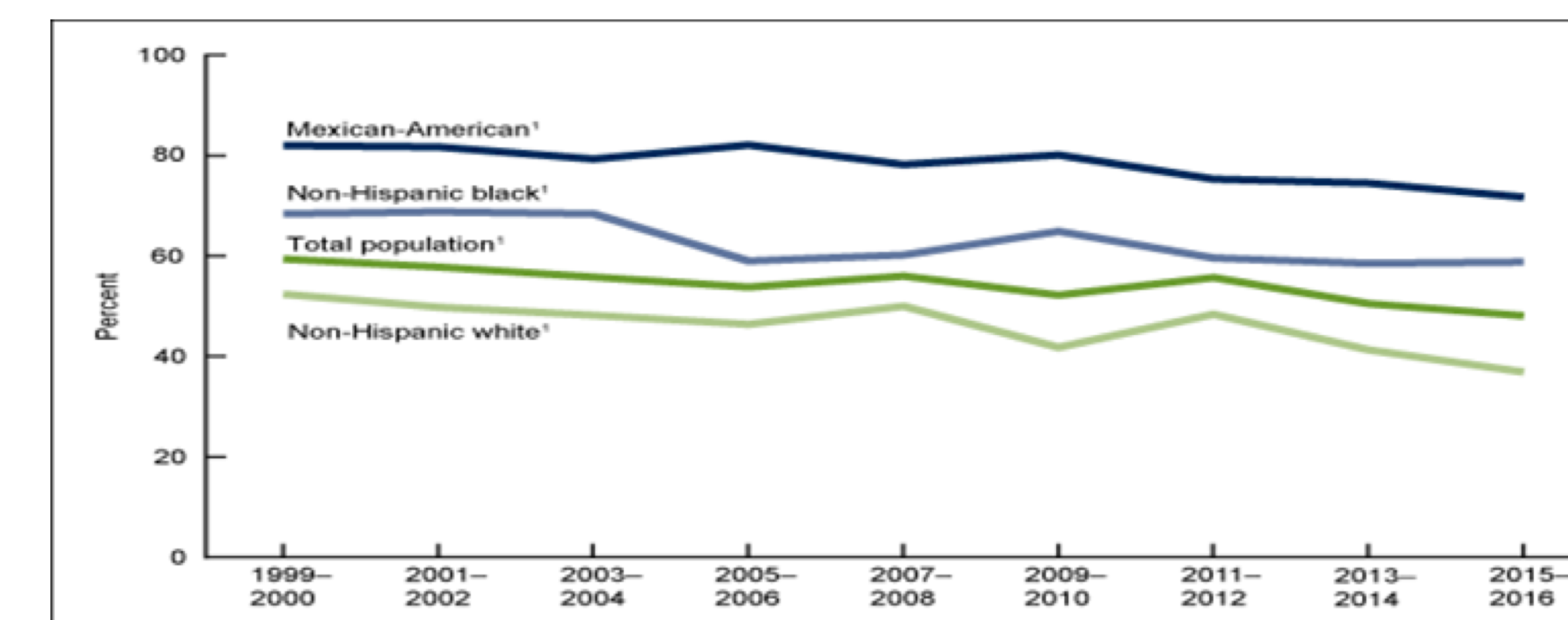


## Reference

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3. [https://www.thaqfya.com/herpes-transmission-methods/?fbclid=IwAR21CF6Sbuk4NEG4HcBwvZUqhYhYM0xzpdUkm3o5fzi3BkAQBajMS659\\_I0](https://www.thaqfya.com/herpes-transmission-methods/?fbclid=IwAR21CF6Sbuk4NEG4HcBwvZUqhYhYM0xzpdUkm3o5fzi3BkAQBajMS659_I0)
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5. <https://www.medicalnewstoday.com/articles/319811>

## Statistic

Trends in age-adjusted prevalence of herpes simplex virus type 1 among persons aged 14–49, for the total population and by race and Hispanic origin: United States, 1999–2000 through 2015–2016.



## Treatment

Pharmacological treatments:

Sores Caused by the infection may go away without the need for treatment, however, the doctor may prescribe one of the types of antivirals, such as the drug Aciclovir, to prevent the virus from multiplying, and thus accelerate the disappearance of symptoms and its intensity, and reduce the risk of transmission to people Others. And the doctor often prescribes these medicines the first time that the symptoms appear on the patient, as the symptoms become so slight when they appear again that they often do not need treatment.

## Summary

Cold sores are a very common symptom caused by HSV. A cold sore will last 1-2 weeks sores may return throughout an individual's life, 7 time. In most cases, home care a g. Prescription antiviral medications and laser treatment can also help.