**2016 How does Georgia rank among other states for STD burden?**

* 4th for Primary and Secondary Syphilis
* 9th for Congenital Syphilis
* 5th for Chlamydia
* 3rd for Gonorrhea

The [**“most diseased”**](http://backgroundchecks.org/these-are-the-most-sexually-diseased-states-in-the-us.html) state, according to the report, is Alaska, with a rate of 151.1 and 768.3 per its 100,000 residents for gonorrhea and chlamydia respectively.

The **“least diseased”** according to the study was New Hampshire.

## **In Use: HPV Vaccines**

* The U.S. Food and Drug Administration approved Gardasil (HPV4), a Merck vaccine for four types of HPV, in 2006. FDA approved another vaccine, Cervarix (HPV2) from GlaxoSmithKline, which protects against two types of HPV, in 2009. A nine-valent vaccine (HPV9, Gardasil 9) was approved in 2014

## **In Use: Hepatitis B Vaccines**

* The FDA has licensed several hepatitis B vaccines for use in the United States. It has been part of the routine childhood immunization schedule since 1994

**In Development: Genital Herpes Vaccines**

* Researchers have developed many experimental attenuated and inactivated herpes vaccines, starting in the 1930s and continuing through the 1970s, though none was effective enough to be approved and licensed.
* The National Institute of Allergy and Infectious Diseases and pharmaceutical company GlaxoSmithKline co-sponsored a Phase 3 clinical trial of a candidate subunit herpes vaccine on nearly 8,000 women across the country. The vaccine had previously shown some promise in a certain subset of women. In September 2010, however, researchers reported that the Phase 3 trial failed to show that the vaccine was effective. Another herpes candidate vaccine, sponsored by Sanofi Pasteur, uses the whole virus and is in pre-clinical studies

## **In Development: HIV Vaccines**

* Progress toward an HIV vaccine has been slow since the virus was isolated in 1983. Only three HIV vaccines have been tested in clinical efficacy trials
* Some STDs, such as such as **gonorrhea, Chlamydia, and syphilis**, are caused by bacteria. They are usually effectively treated with antibiotic

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