



# **Sexually Transmitted Infections (STI) Surveillance, 2023**

**Infectious Disease Prevention and Health Services Bureau**

**November 14, 2024**

# Mission and Vision

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## **MISSION**

The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community-based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

## **VISION**

The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.



2019 Design in Tech Report | Addressing Imbalance

INEQUALITY



2019 Design in Tech Report | Addressing Imbalance

EQUALITY



2019 Design in Tech Report | Addressing Imbalance

EQUITY



2019 Design in Tech Report | Addressing Imbalance

JUSTICE

# IDPHSB Commitment Statement

*Our Commitment as a Bureau is to partner with communities to achieve health equity for all Marylanders. Our priority is to advance social and racial justice, and we are committed to undoing racism within our public health systems. It is our responsibility to serve Marylanders without any bias or discrimination and ensure open access to services and resources.*

# National Data

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# STI Surveillance, 2023

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- CDC published an updated on-line version of the annual STI Surveillance report on November 12<sup>th</sup> with national and state level data
  - <https://www.cdc.gov/sti-statistics/annual/index.html>
- CDC Atlas Plus is scheduled to be updated on November 14<sup>th</sup> with county level data and interactive data tools
  - <https://www.cdc.gov/nchhstp/about/atlasplus.html>

# New 2023 Cases

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- Over 2.4 million cases of syphilis, gonorrhea, and chlamydia diagnosed and reported, including
  - Over 209,000 cases of syphilis
  - Over 600,000 cases of gonorrhea
  - Over 1.6 million cases of chlamydia
- 3,882 cases of congenital syphilis, including
  - 279 congenital syphilis stillbirths and neonatal/infant deaths

# Changes from 2022 to 2023

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- Nationally, the number of STIs decreased 1.8%, reflecting
  - Decreases in gonorrhea (7.2% decrease)
  - Stable trends in chlamydia (<1.0% decrease)
  - Increases in total syphilis (all stages and congenital syphilis combined) (1.0% increase)

# Maryland in the National Data

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# New 2023 Cases

| STI                            | United States <sup>a</sup> |                   | Maryland |        |                   |
|--------------------------------|----------------------------|-------------------|----------|--------|-------------------|
|                                | Cases                      | Rate <sup>b</sup> | Rank     | Cases  | Rate <sup>b</sup> |
| Congenital Syphilis            | 3,882                      | 105.8             | 19       | 69     | 100.3             |
| Primary and Secondary Syphilis | 53,007                     | 15.8              | 26       | 878    | 14.2              |
| Gonorrhea                      | 601,319                    | 179.5             | 10       | 12,802 | 207.1             |
| Chlamydia                      | 1,648,568                  | 492.2             | 8        | 35,836 | 579.8             |

CDC. Sexually Transmitted Infections, 2023. Tables 4, 9, 19, 28.

<sup>a</sup> 50 states

<sup>b</sup> Congenital syphilis per 100,000 live births, all others per 100,000 population

# Changes from 2022 to 2023

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- In Maryland, the number of STIs increased 14.7%, reflecting
  - Increases in gonorrhea (14.7% increase)
  - Increases in chlamydia (14.7% increase)
  - Increases in primary and secondary syphilis (12.4% increase)
  - Increases in congenital syphilis (53.3% increase)
- Maryland's ranking increased in all categories and is in the top 10 for gonorrhea and chlamydia

# Changes from 2022 to 2023

| STI                       | 2022              |        |                   | 2023              |        |                   | Percent Change in Cases |
|---------------------------|-------------------|--------|-------------------|-------------------|--------|-------------------|-------------------------|
|                           | Rank <sup>a</sup> | Cases  | Rate <sup>b</sup> | Rank <sup>a</sup> | Cases  | Rate <sup>b</sup> |                         |
| Congenital Syphilis       | 23                | 45     | 65.9              | 19                | 69     | 100.3             | +53.3%                  |
| P&S Syphilis <sup>c</sup> | 28                | 781    | 12.7              | 26                | 878    | 14.2              | +12.4%                  |
| Gonorrhea                 | 24                | 11,164 | 181.1             | 10                | 12,802 | 207.1             | +14.7%                  |
| Chlamydia                 | 19                | 31,234 | 506.7             | 8                 | 35,836 | 579.8             | +14.7%                  |

CDC. Sexually Transmitted Infections, 2022. Tables 2, 11, 21, 31.

CDC. Sexually Transmitted Infections, 2023. Tables 4, 9, 19, 28.

<sup>a</sup> Among the 50 states

<sup>b</sup> Congenital syphilis per 100,000 live births, all others per 100,000 population

<sup>c</sup> Primary and secondary syphilis

# Maryland Data

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# Cases and Rates by Jurisdiction

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- The number and rates of 2023 STI cases for Maryland by jurisdiction, the 23 counties and Baltimore City, are available at
  - <https://health.maryland.gov/phpa/OIDPCS/CSTIP/CSTIP/Documents/Maryland-2023-STI-Summary.pdf>
- The CDC's Atlas Plus dashboard can be used to explore cases and rates by county and by demographics for multiple years
  - <https://www.cdc.gov/nchhstp/about/atlasplus.html>