

Sexually Transmitted Disease among persons 15-19 years of age in Wisconsin

Wisconsin STD Surveillance Data
Cases diagnosed in 2005



Preface

Reportable STDs in the State of Wisconsin:

- Chlamydia: Chlamydia trachomatis
- Syphilis: Treponema pallidum
- Herpes: Primary genital infections with Herpes Simplex Virus (HSV) Type 1 and / or 2
- Gonorrhea: Neisseria gonorrhoea
- Chancroid: Haemophilus ducreyi
- PID: Pelvic Inflammatory Disease

In this analysis “reportable STDs” refer specifically to chlamydia, gonorrhea, syphilis and genital HSV infection.



Preface

STD Surveillance data must be interpreted with caution:

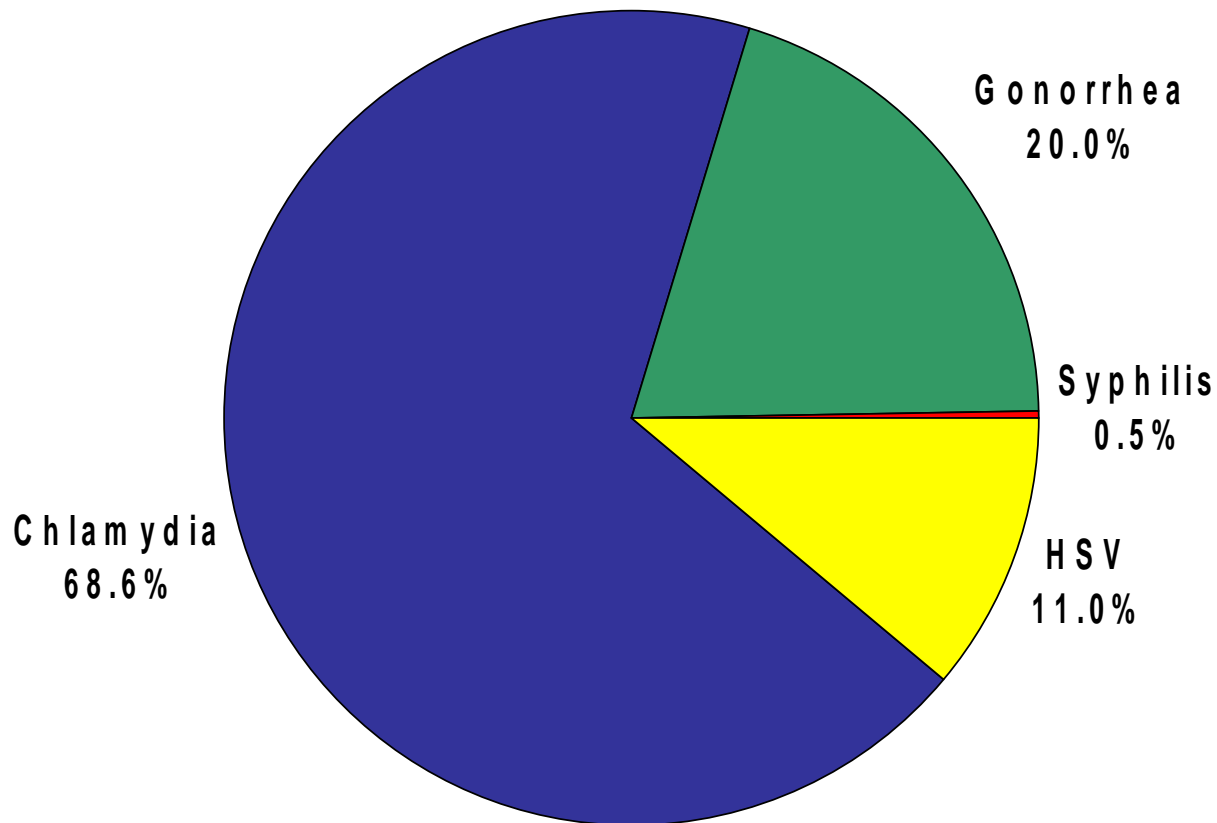
- Under-reporting
- Un-even reporting
- Incomplete data

This analysis examines several factors that influence STD rates:

- Sex
- Age
- Race
- Geography



Reported STD cases, by disease Wisconsin, 2005

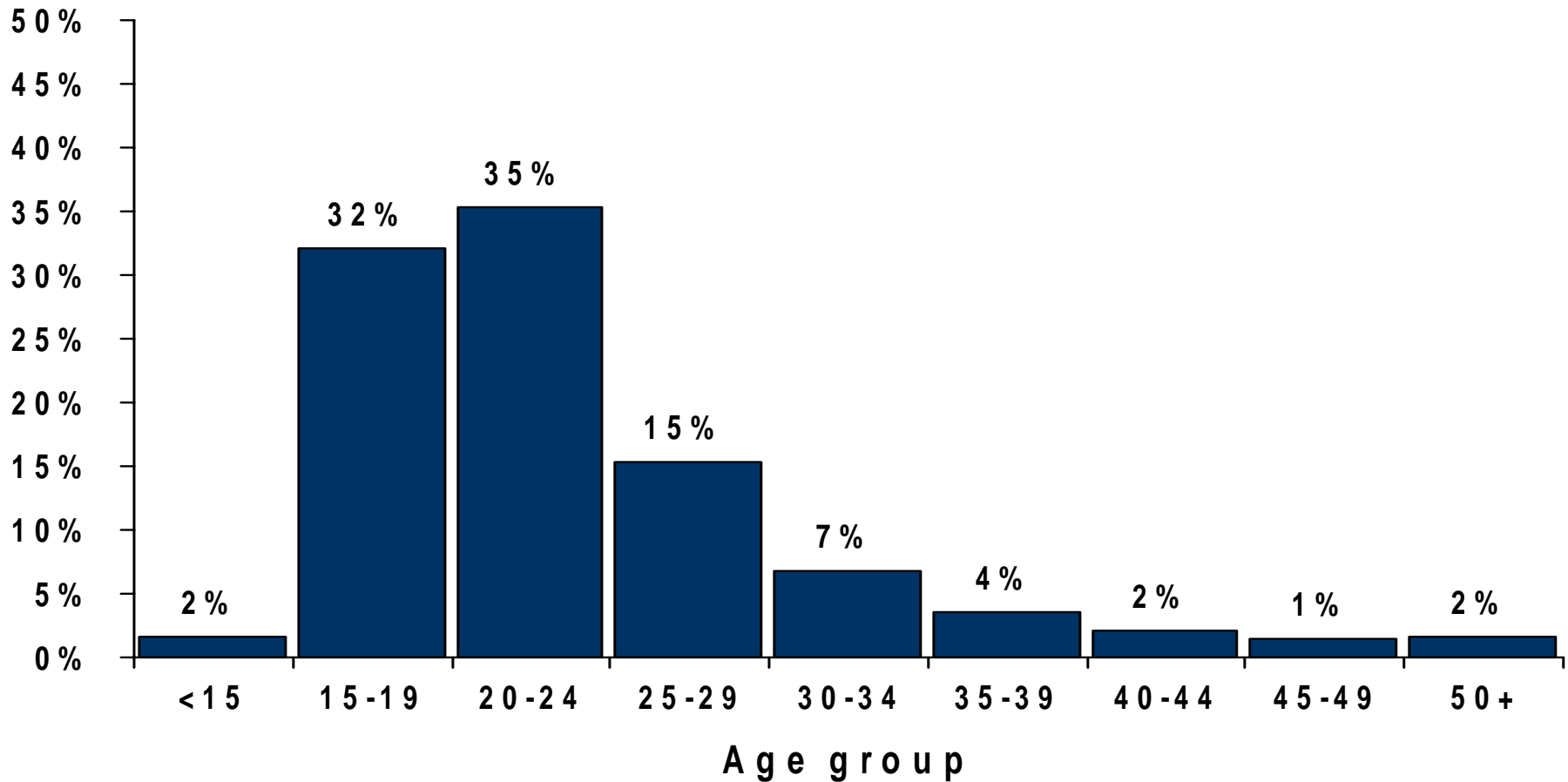


<u>Disease</u>	<u>Cases</u>	<u>Rate*</u>
Chlamydia	20,410	368
Gonorrhea	5,949	107
Syphilis	138	2
HSV	3,273	59
All STDs	29,770	537

* Cases per 100,000 population.

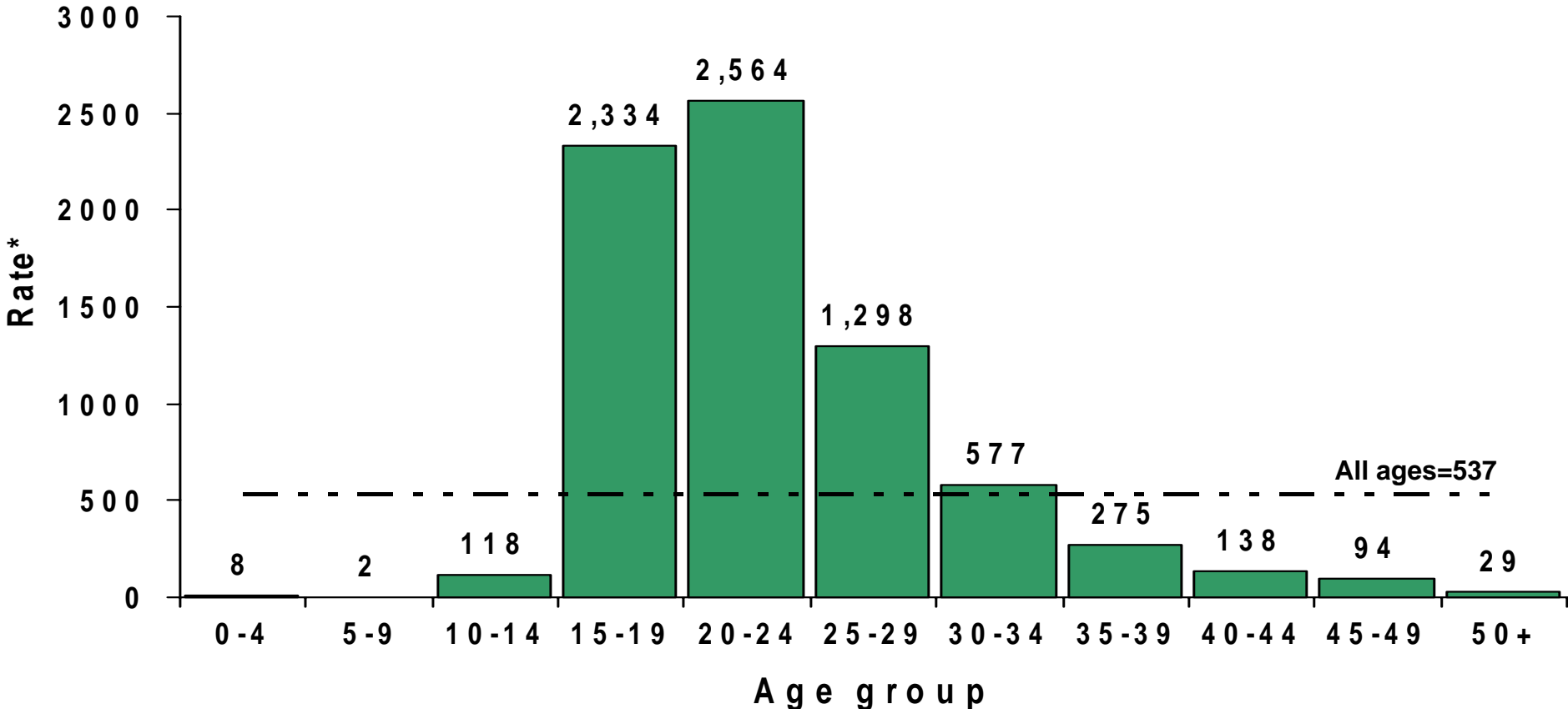


Attributable percentage by age group, reportable STDs* Wisconsin, 2005



* Chlamydia, gonorrhea, syphilis and genital HSV infection.

Age-specific STD rates*, reportable STDs** Wisconsin, 2005

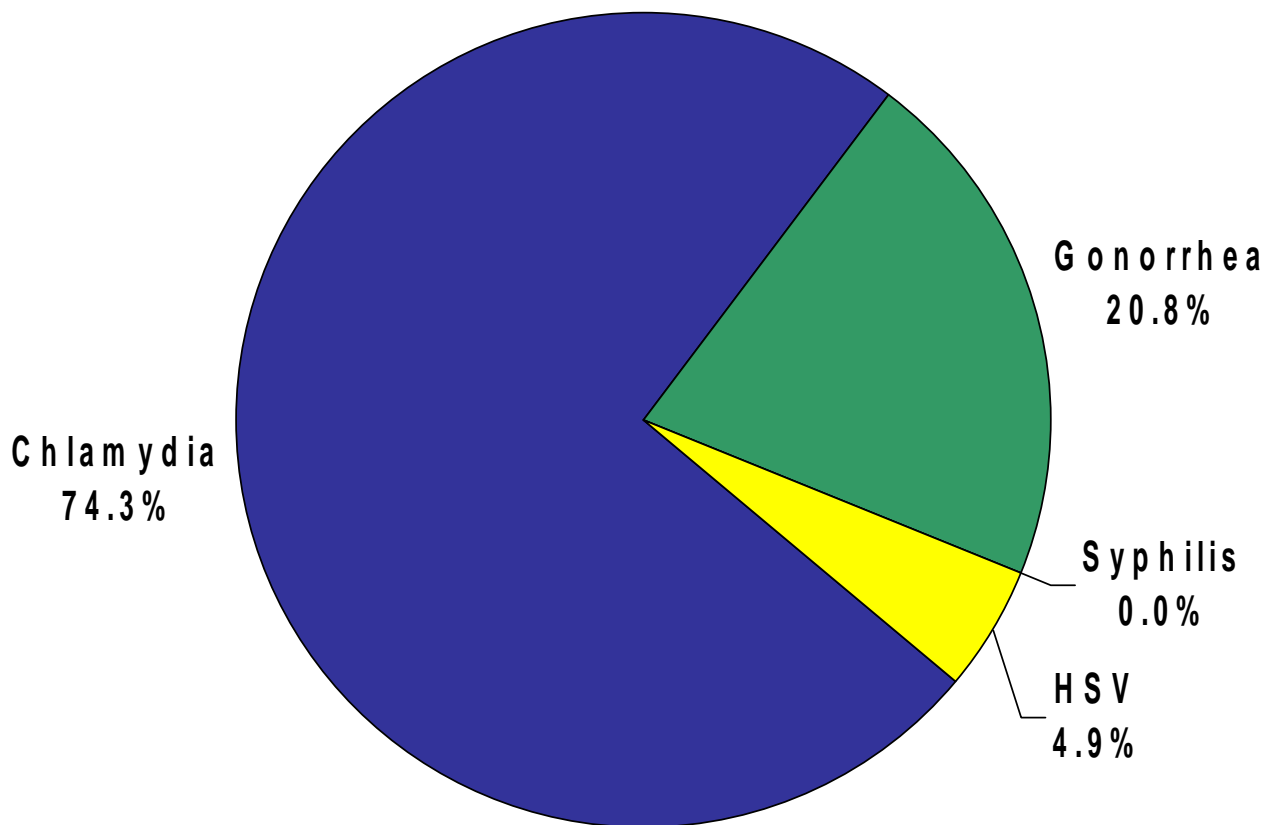


* Cases per 100,000 population.

** Chlamydia, gonorrhea, syphilis and genital HSV infection.



Reported STD cases among persons 15-19 years of age, by disease, Wisconsin, 2005

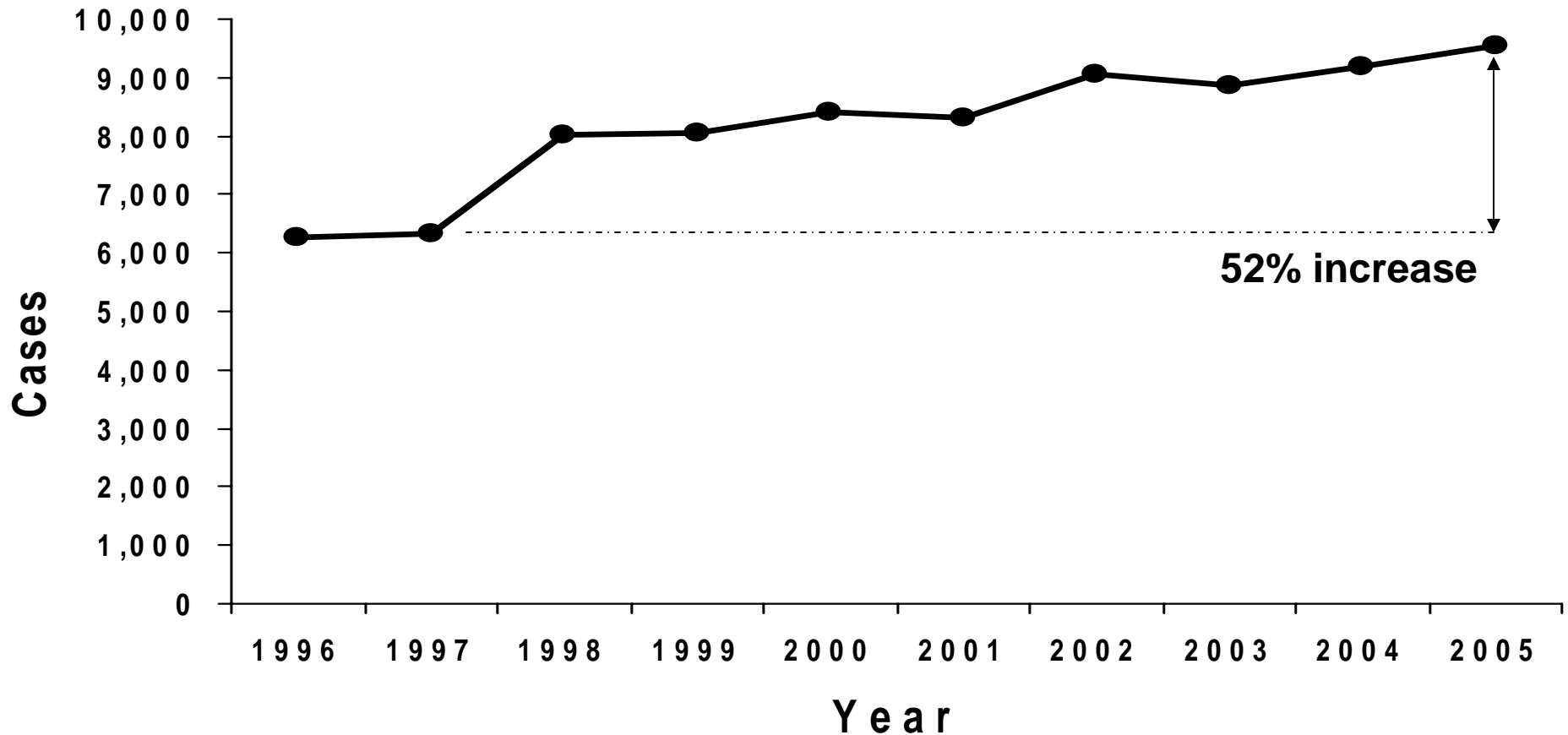


<u>Disease</u>	<u>Cases</u>	<u>Rate*</u>
Chlamydia	7,096	1,734
Gonorrhea	1,987	485
Syphilis	2	<1
HSV	467	114
All STDs	9,552	2,334

* Cases per 100,000 population.

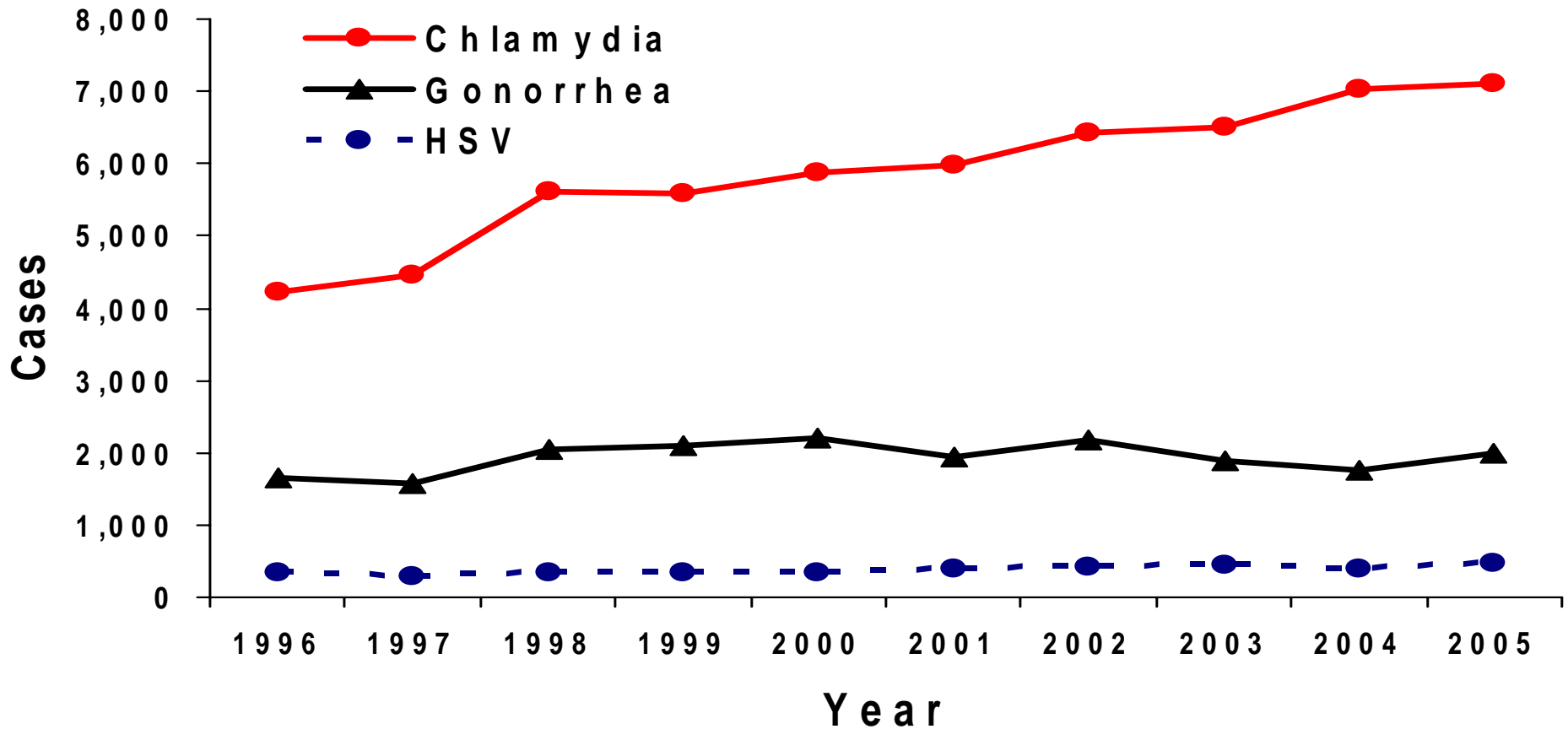


Reported cases of STD* by year of diagnosis, persons 15-19 years of age, Wisconsin, 1996-2005

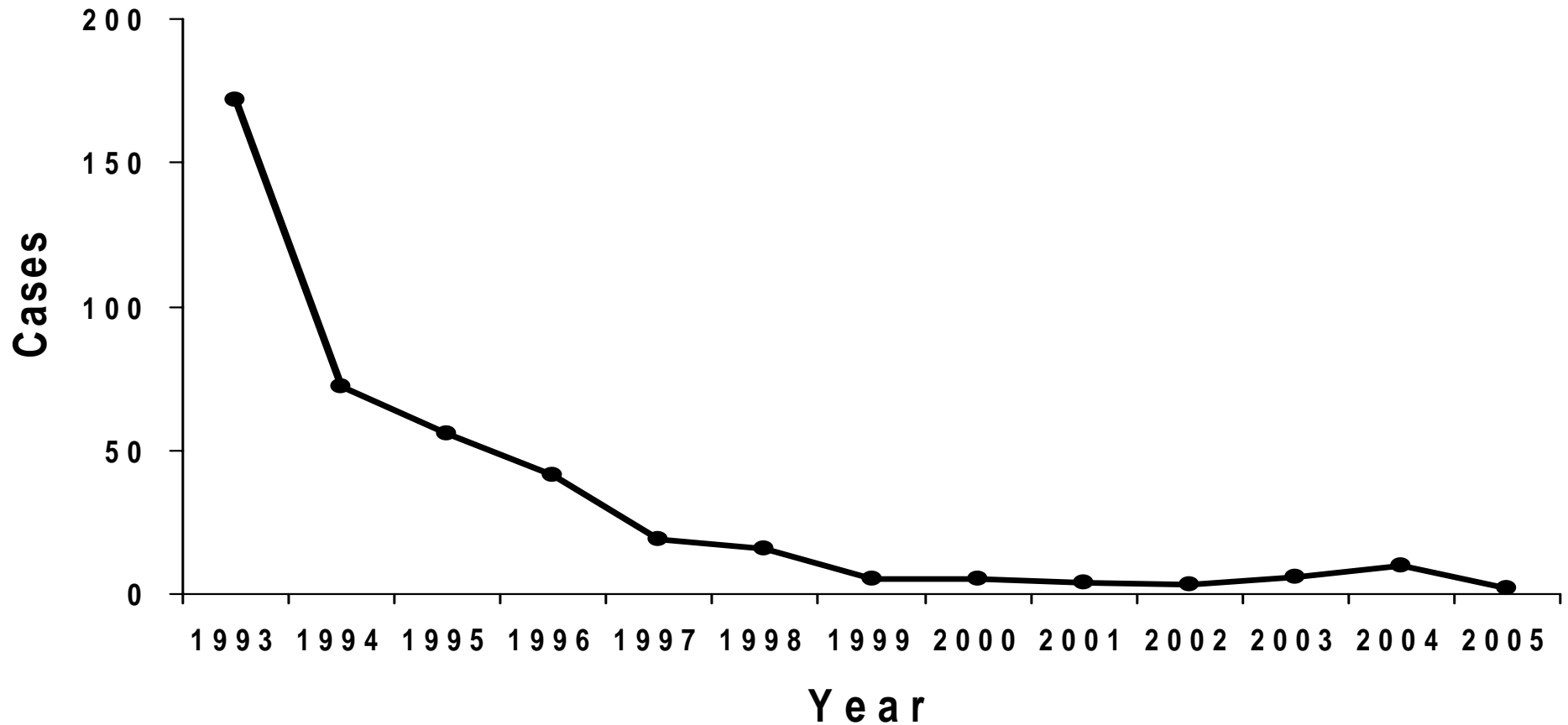


* *Chlamydia, gonorrhea, syphilis and genital HSV infection.*

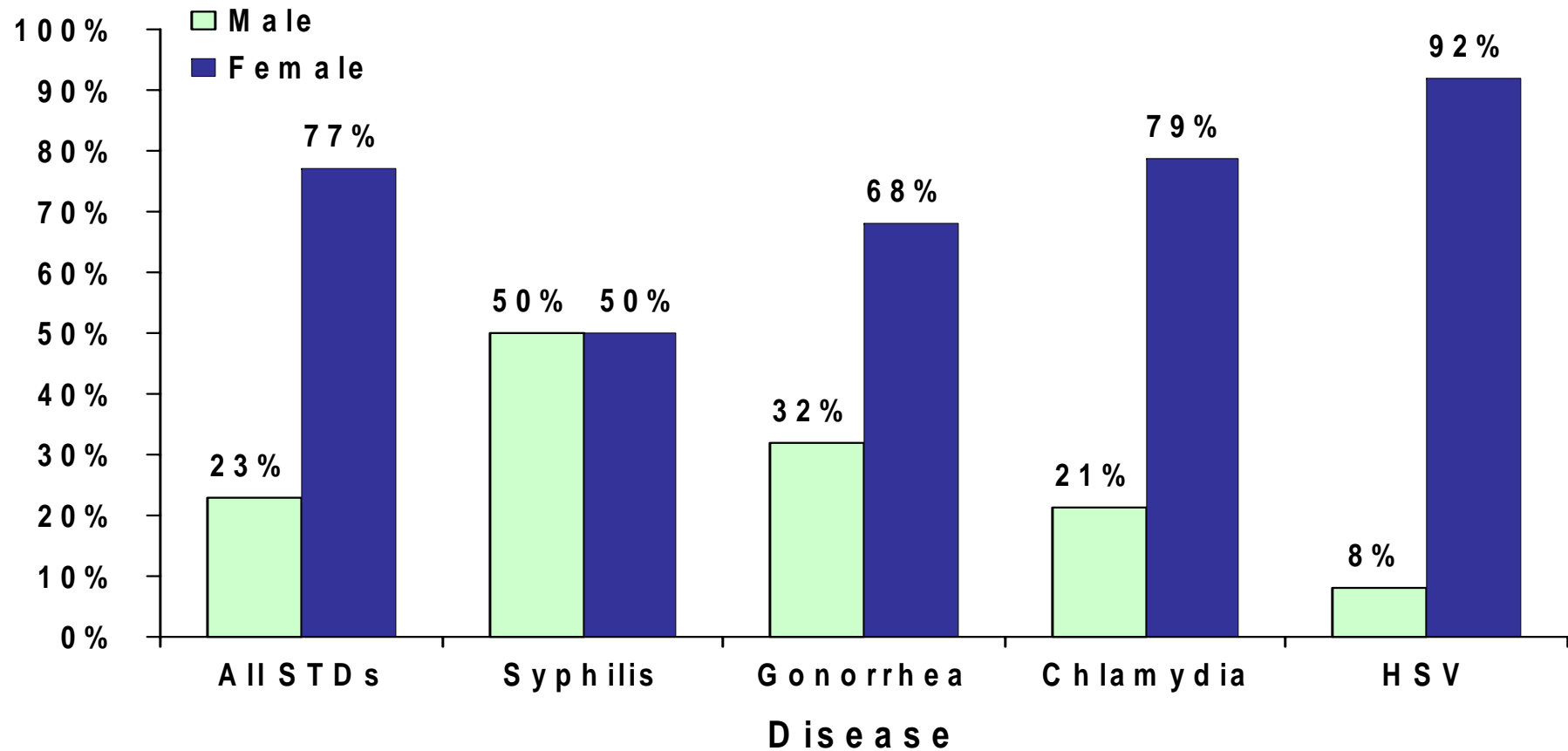
Reported cases of STD by year of diagnosis and disease, persons 15-19 years of age, Wisconsin, 1996-2005



Reported cases of syphilis by year of diagnosis, persons 15-19 years of age, Wisconsin, 1993-2005

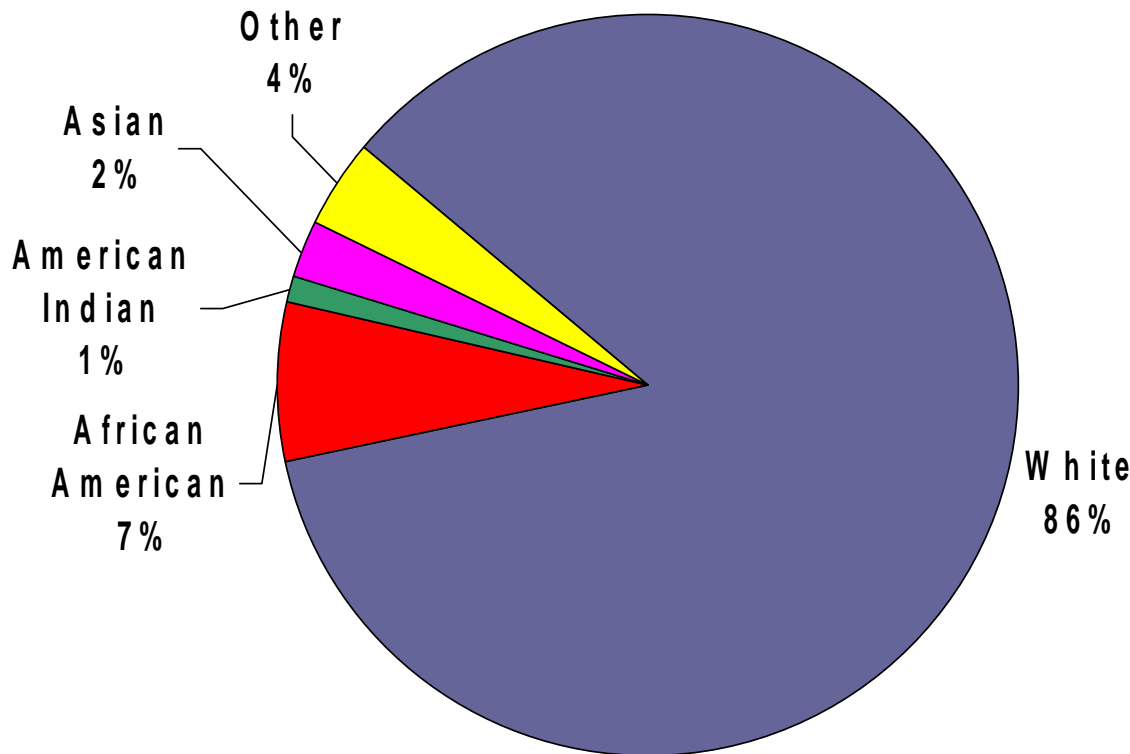


Male-female distribution of reported STD cases, persons 15-19 years of age, Wisconsin, 2005



Comparison of the racial distribution of reported STD morbidity among persons 15-19 years of age, with the Wisconsin population

**Wisconsin 15-19
Population, 2000**



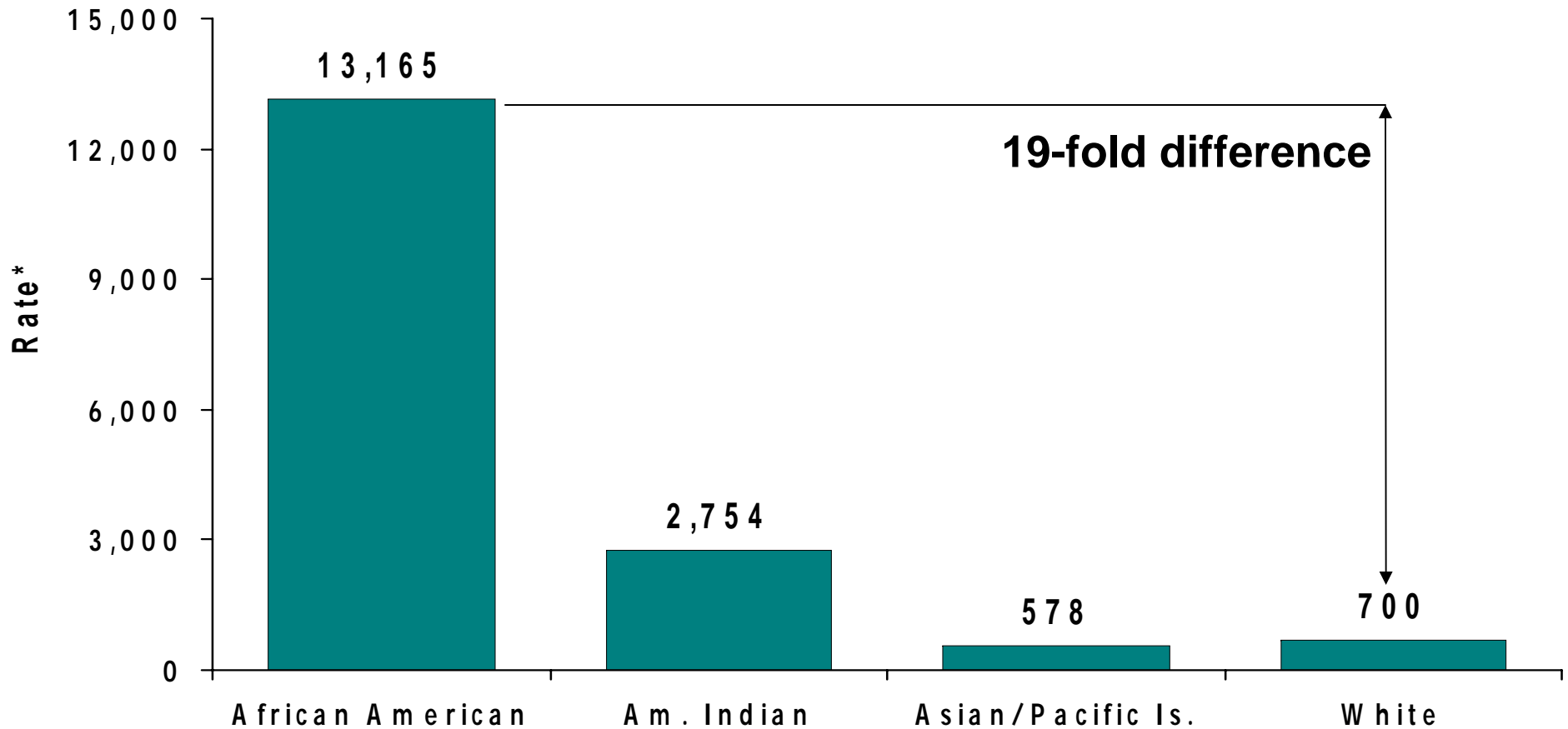
**All reported STD cases*,
Ages 15-19, Wisconsin, 2005**

<u>Race</u>	<u>Cases</u>	<u>Percent</u>
White	2,510	26%
African Am.	4,463	47%
Am. Indian	152	2%
Asian/Pac. Is.	67	<1%
Other	142	1%
Unknown	2,203	23%
Total	9,552	100%

* *Chlamydia, gonorrhea, syphilis and genital HSV infection.*



Reported STD cases rates*, by race, reportable STDs**, persons 15-19 years of age, Wisconsin, 2005

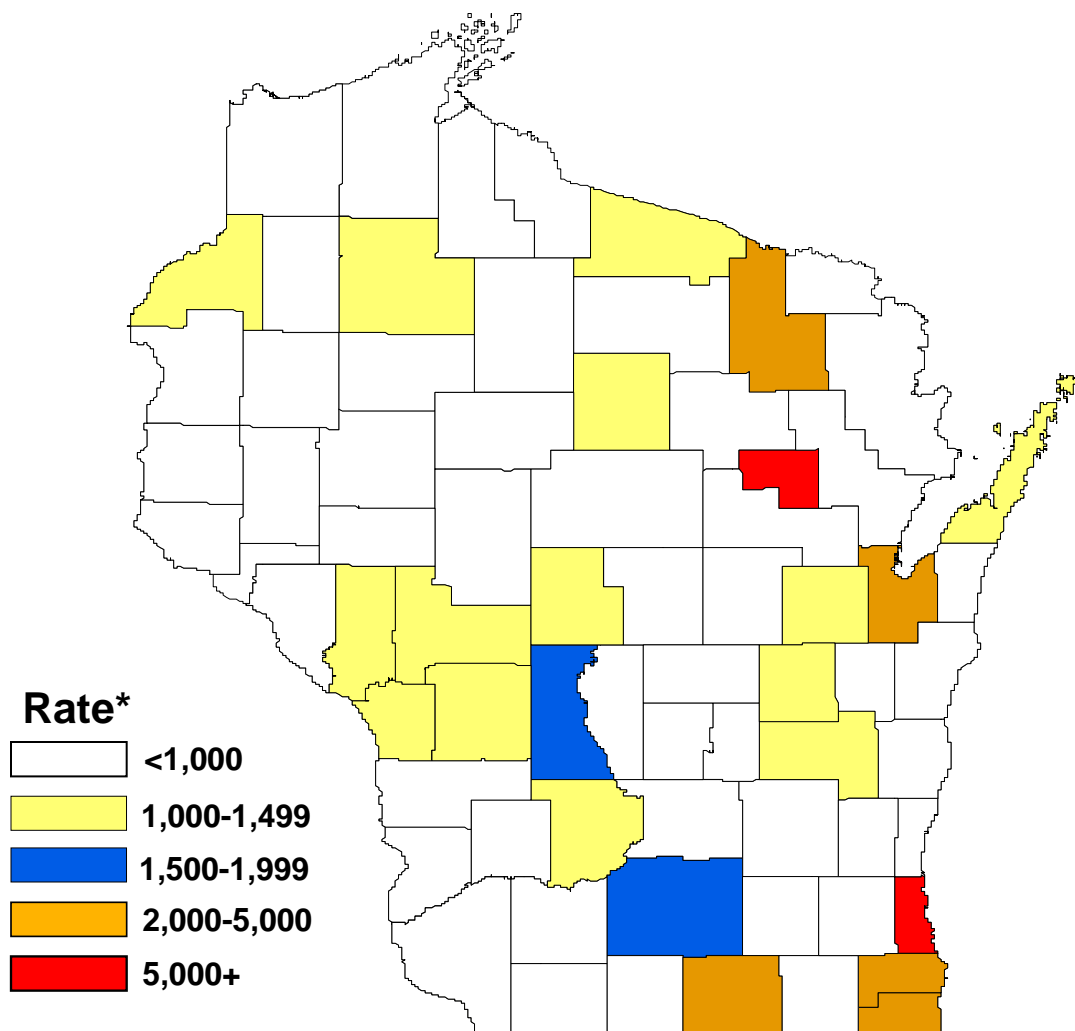


* Cases reported with race specified per 100,000 population.

**Chlamydia, gonorrhea, syphilis and genital HSV infection.



Reported STD case rates*, by county, reportable STDs**, persons 15-19 years of age, Wisconsin, 2005



Counties with rates* >2,000

<u>County</u>	<u>Cases**</u>	<u>Percent</u>	<u>Rate*</u>
Milwaukee	5,372	56%	8,076
Menominee	23	<1%	5,192
Racine	550	6%	3,928
Forest	28	<1%	3,513
Kenosha	280	3%	2,366
Rock	253	3%	2,256
<u>Brown</u>	<u>344</u>	<u>4%</u>	<u>2,003</u>
Subtotal	6,850	72%	5,616
<u>Other</u>	<u>2,693</u>	<u>28%</u>	<u>941</u>
State***	9,543	100%	2,334

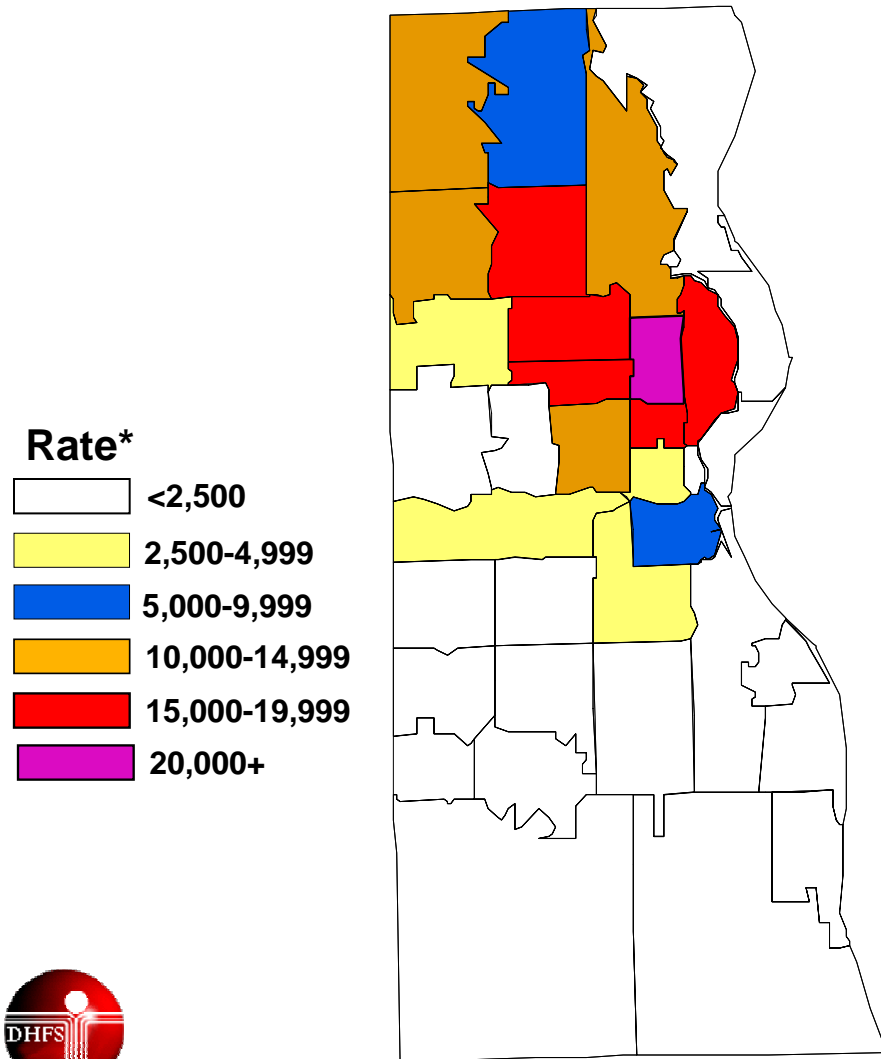
* Cases per 100,000 population.

** Chlamydia, gonorrhea, syphilis and genital HSV infection.

***Excludes 9 cases among out of state residents or without county specified.



Reported STD cases* by zip code, persons 15-19 years of age, Milwaukee County, 2005



Zip codes with rates* >10,000

<u>Zip code</u>	<u>Cases*</u>	<u>Percent</u>	<u>Rate**</u>
53206	729	14%	23,048
53212	461	9%	19,176
53205	197	4%	18,870
53210	508	9%	18,601
53216	432	8%	15,506
53218	510	9%	15,165
53208	453	9%	14,589
53209	542	10%	14,473
53225	199	4%	11,888
<u>53224</u>	<u>158</u>	<u>3%</u>	<u>10,611</u>
Subtotal	4,189	78%	16,425
<u>Other zip</u>	<u>1,183</u>	<u>22%</u>	<u>2,885</u>
Milwaukee Co	5,372	100%	8,076

* Chlamydia, gonorrhea, syphilis and genital HSV infection.

** Cases per 100,000 population.

