

Sexually Transmitted Disease in Wisconsin

Wisconsin STD Surveillance Data
Cases diagnosed in 2008



Preface

Reportable STDs in the State of Wisconsin in 2008:

- Chlamydia: Chlamydia trachomatis
- Syphilis: Treponema pallidum
- Gonorrhea: Neisseria gonorrhoea
- Chancroid: Haemophilus ducreyi
- PID: Pelvic Inflammatory Disease

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



Preface

STD Surveillance data must be interpreted with caution:

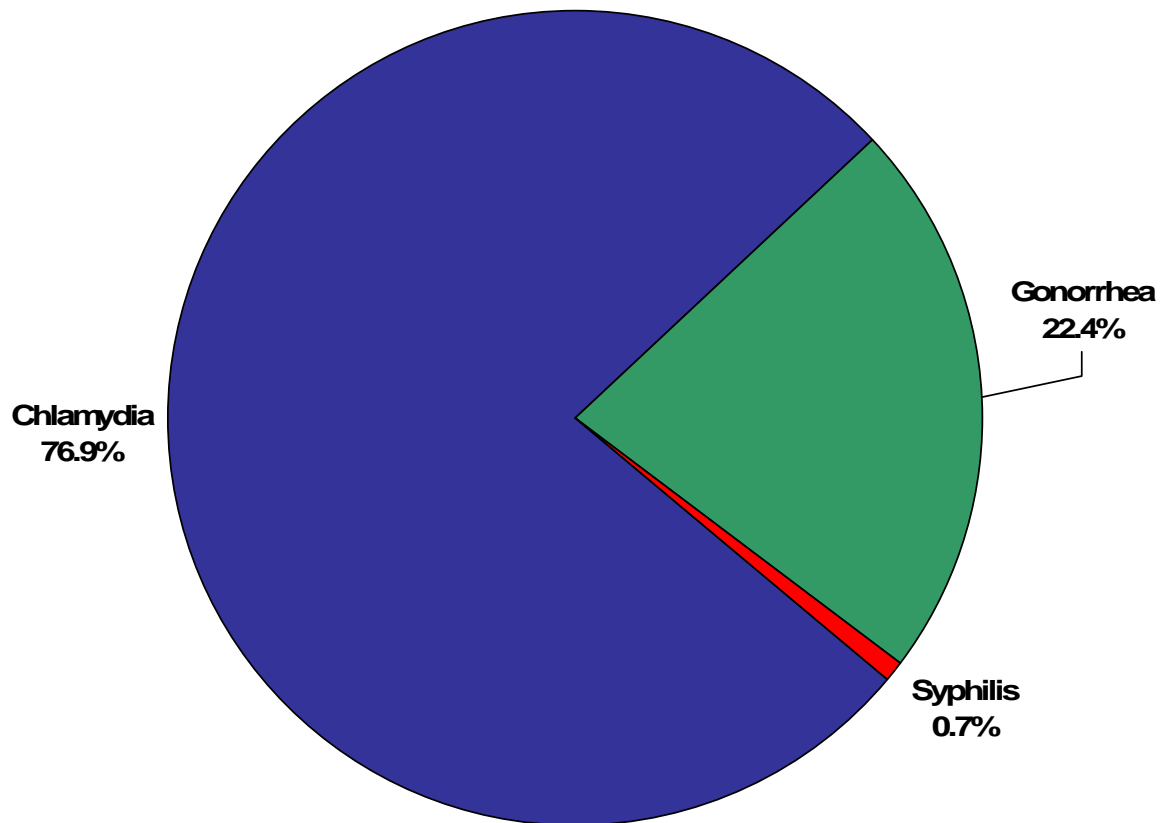
- Under-reporting
- Un-even reporting
- Incomplete data

This analysis examines several factors that influence STD rates:

- Sex
- Age
- Race
- Geography



Reported STD cases, by disease Wisconsin, 2008

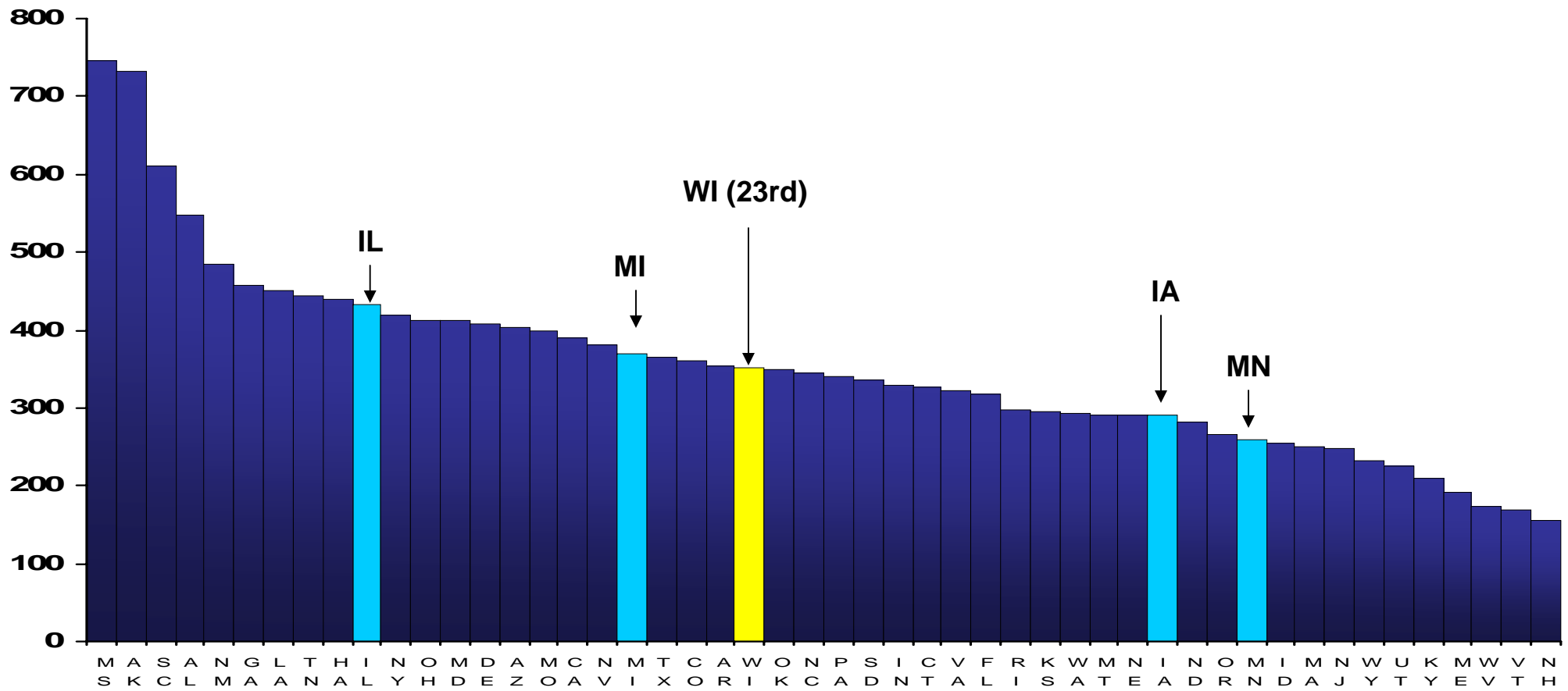


<u>Disease</u>	<u>Cases</u>	<u>Rate*</u>
Chlamydia	20,767	371
Gonorrhea	6,042	108
Syphilis	193	3
All STDs	27,002	482

* Cases per 100,000 population.



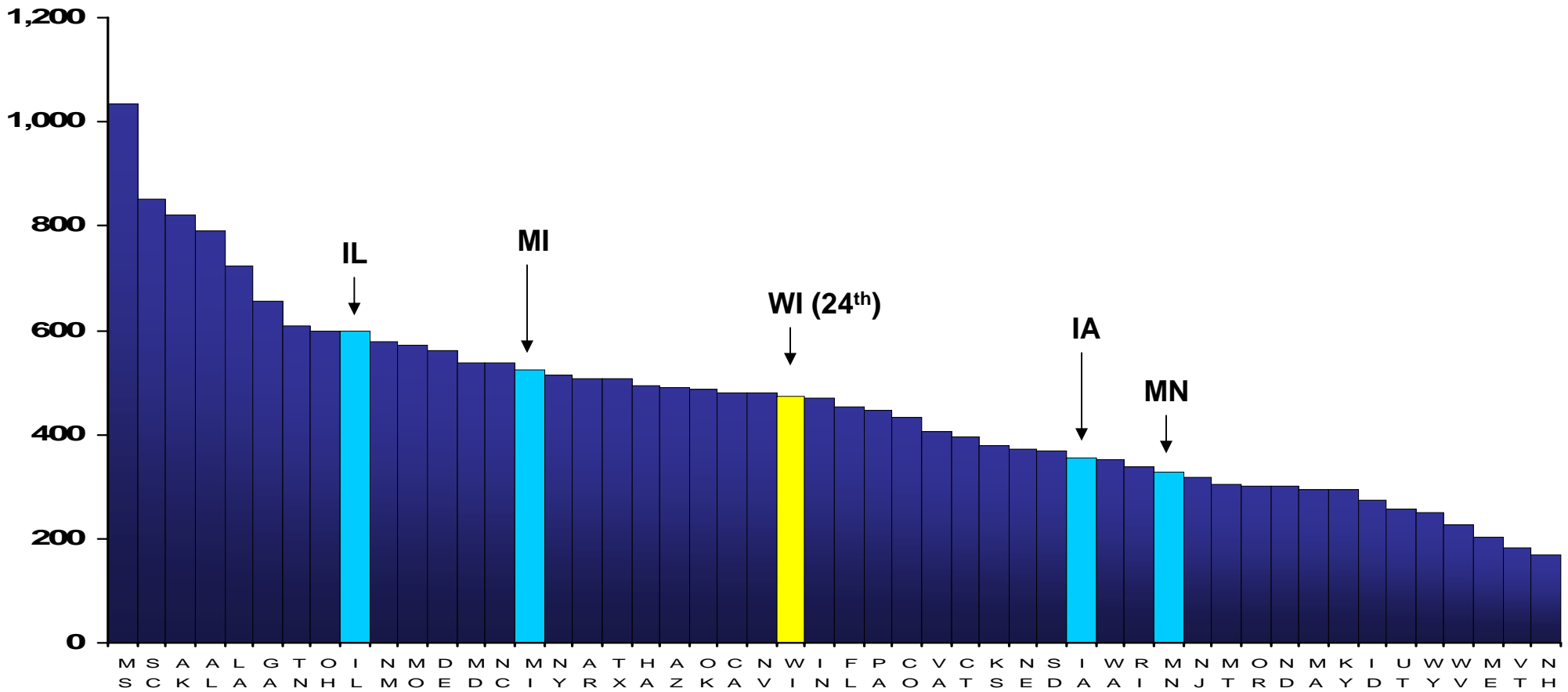
Chlamydia rates* by state, 2007, CDC data



* Cases per 100,000 population.



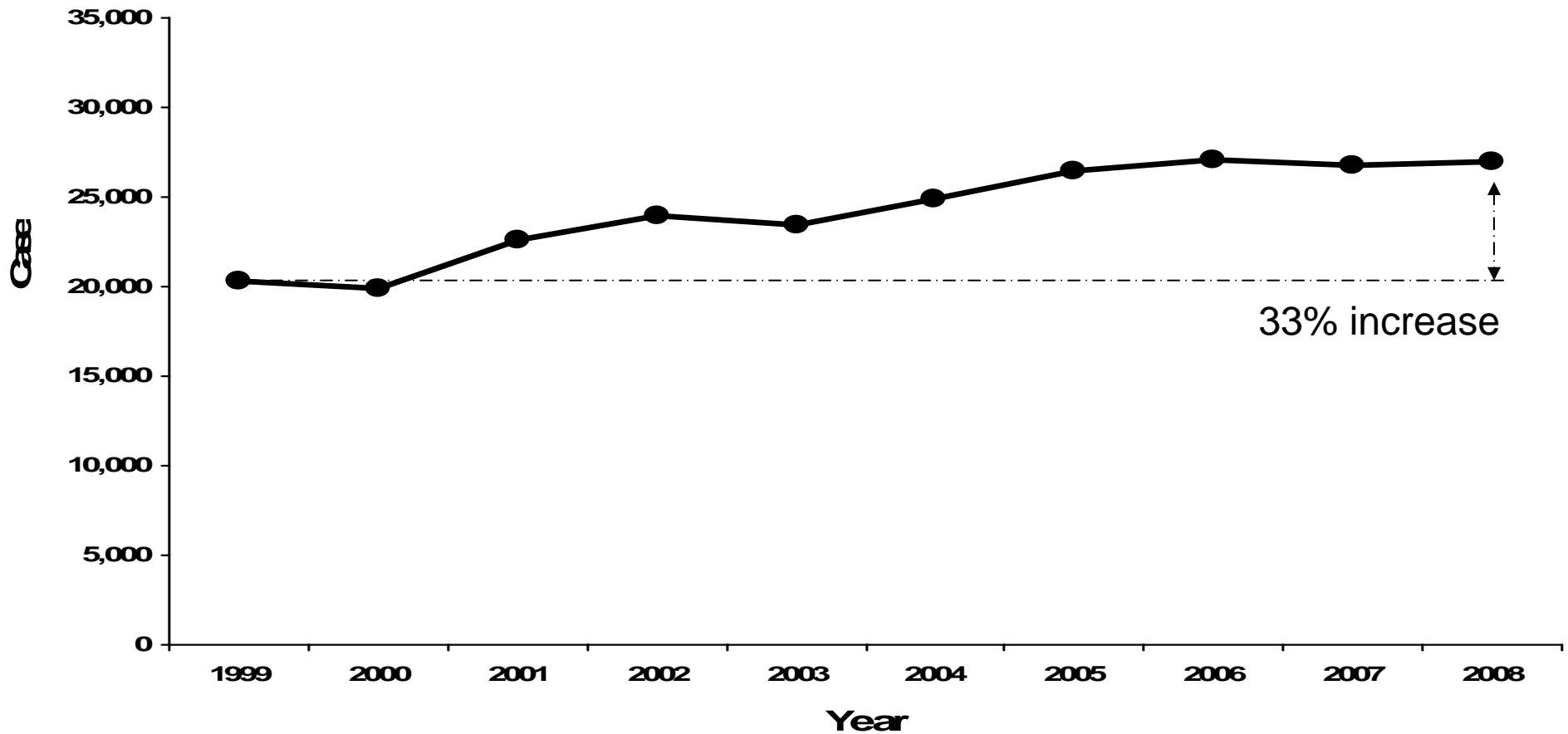
Combined rates* for chlamydia, gonorrhea and primary and secondary syphilis by state, 2007, CDC data



* Cases per 100,000 population.



Reported cases of STD* by year of diagnosis, Wisconsin , 1999-2008

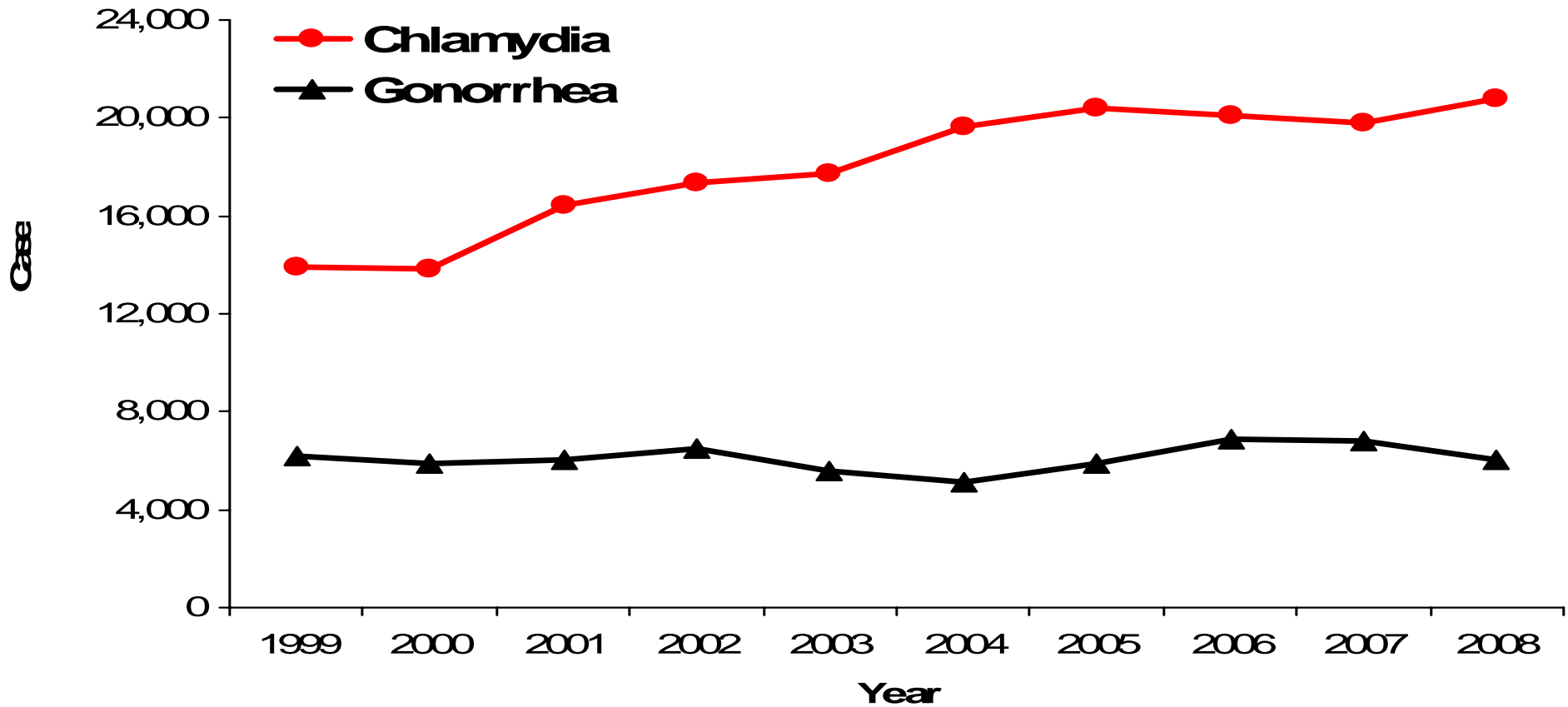


* Chlamydia, gonorrhea, and syphilis.

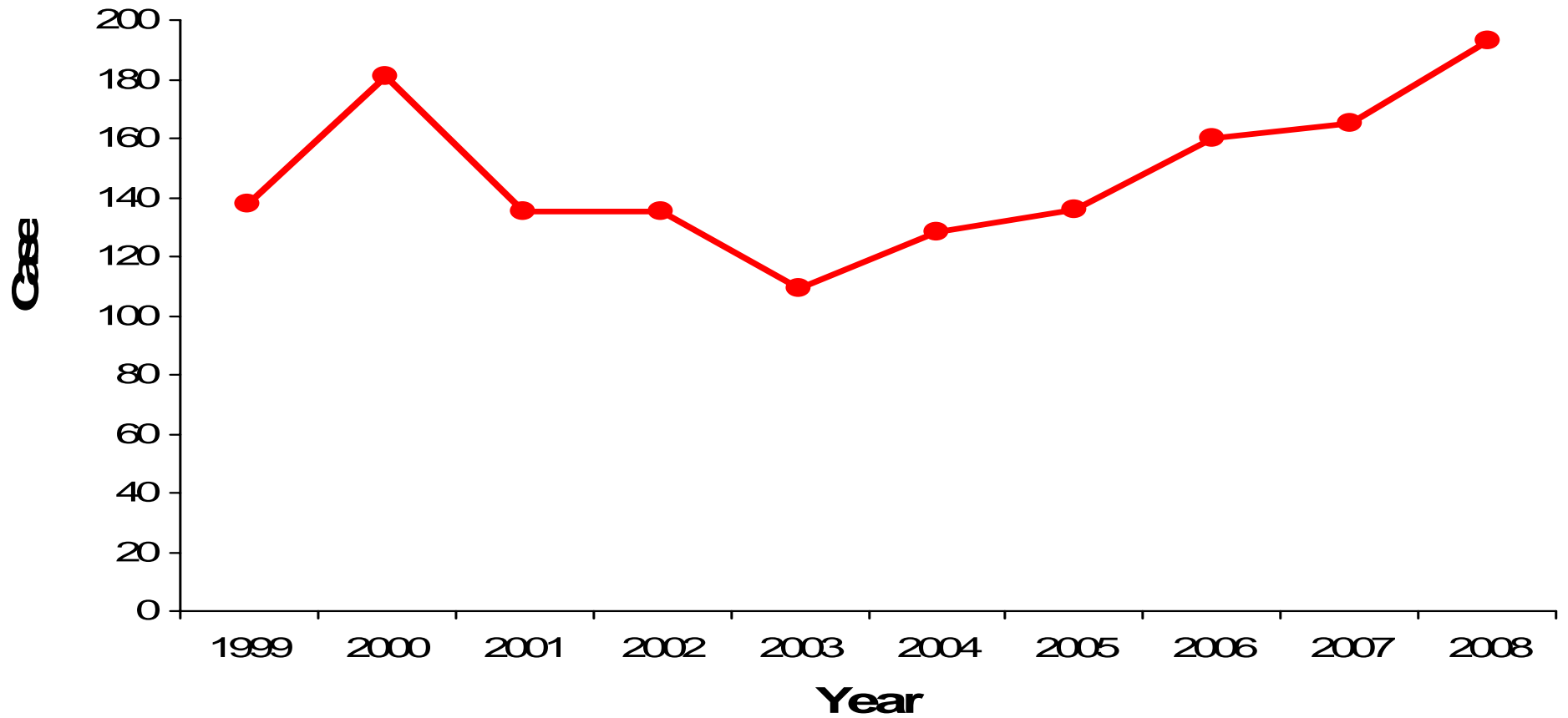
Wisconsin STD Control Section



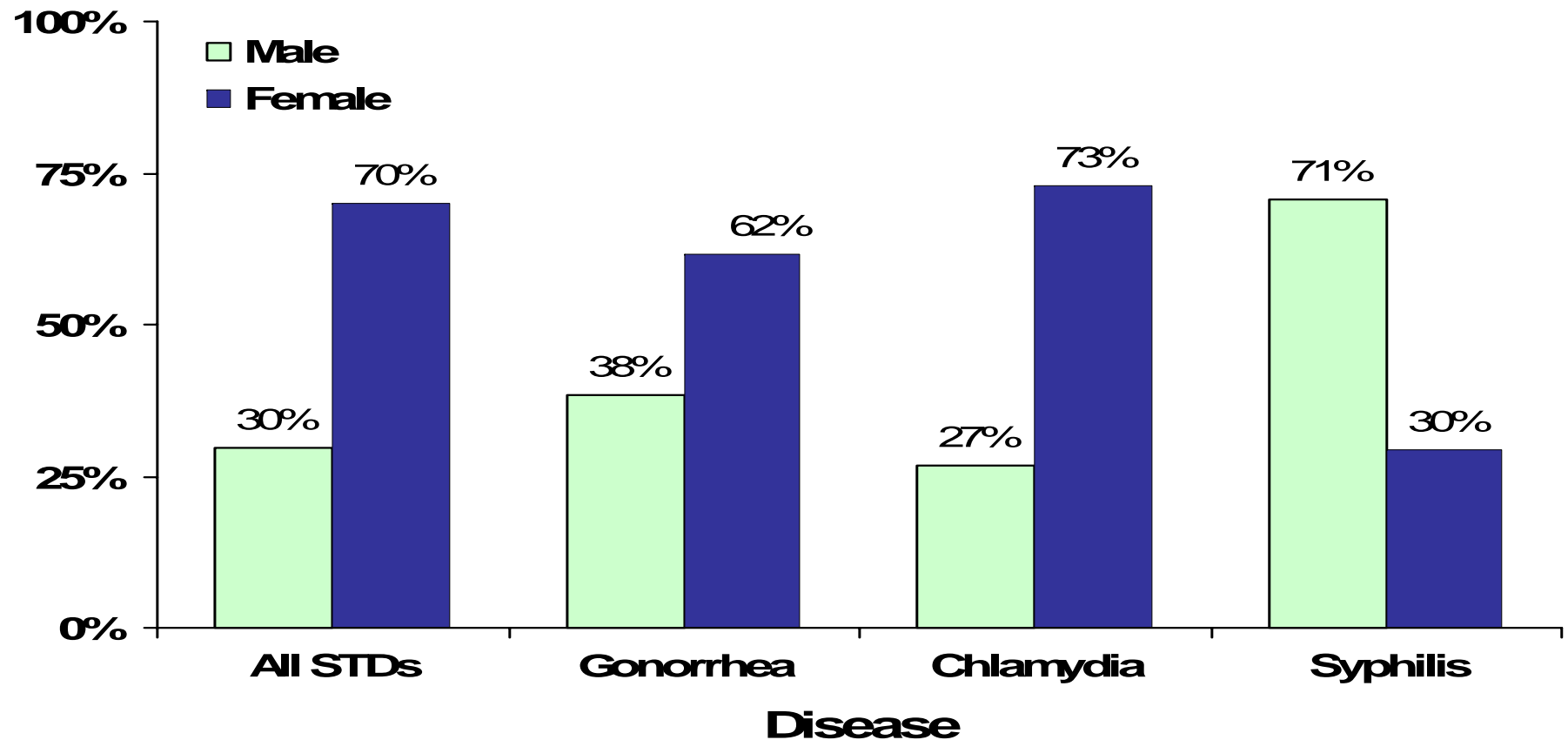
Reported cases of Chlamydia and Gonorrhea by year of diagnosis, Wisconsin, 1999-2008



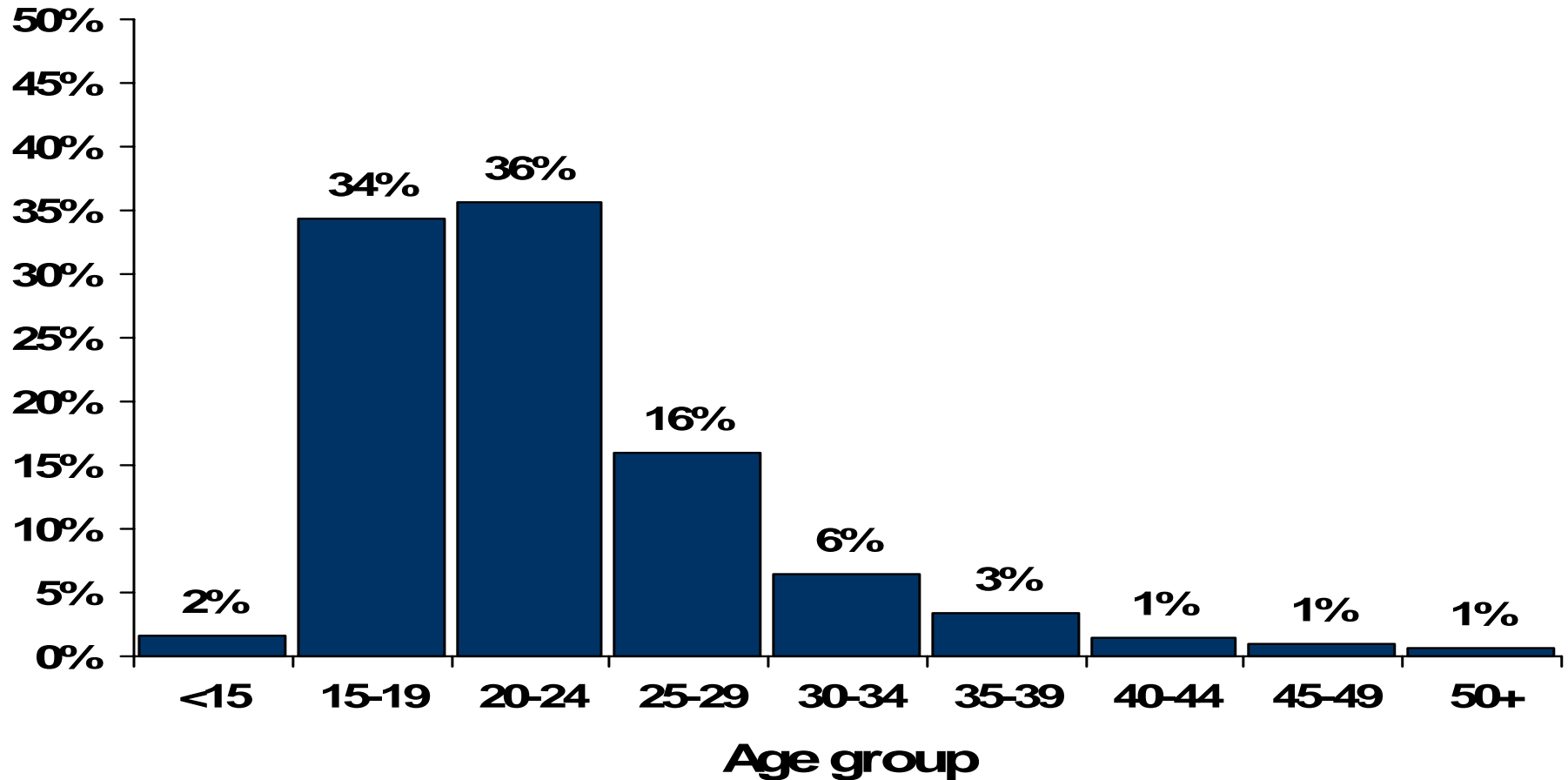
Reported cases of Syphilis by year of diagnosis, Wisconsin, 1999-2008



Male-female distribution of reported STD cases, by disease, Wisconsin, 2008

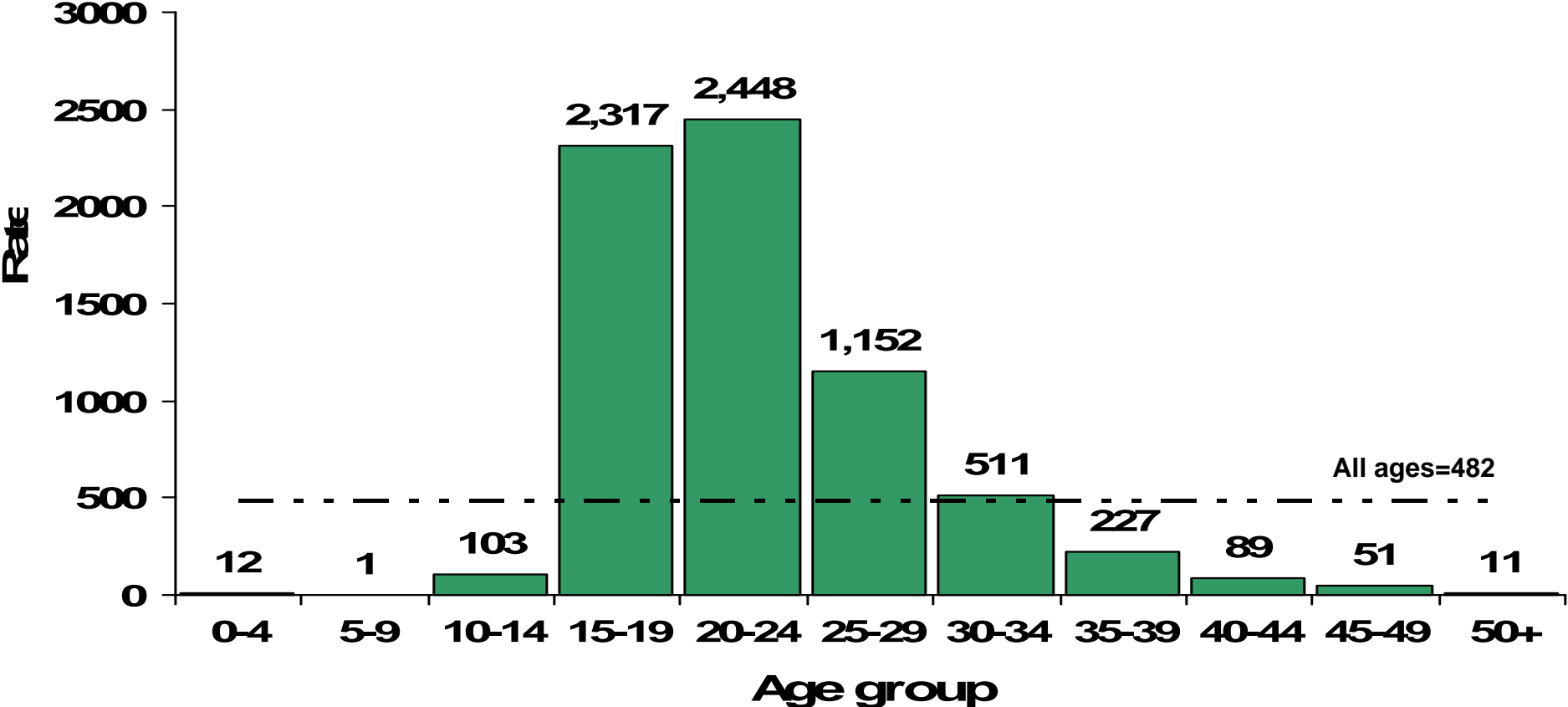


Attributable percentage by age group, reportable STDs* Wisconsin, 2008



* Chlamydia, gonorrhea, and syphilis.

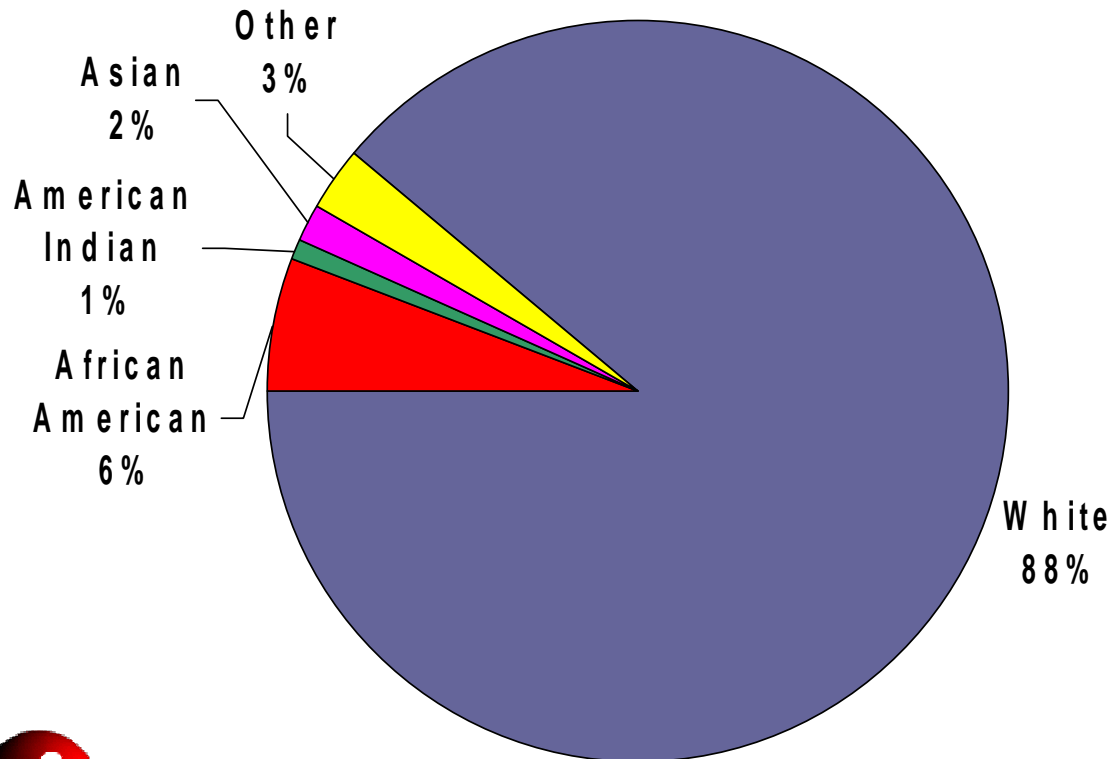
Age-specific STD rates*, reportable STDs** Wisconsin, 2008



* Cases per 100,000 population.
** Chlamydia, gonorrhea, and syphilis.

Comparison of the racial distribution of reported STD morbidity* with Wisconsin population

**Wisconsin population
2000**



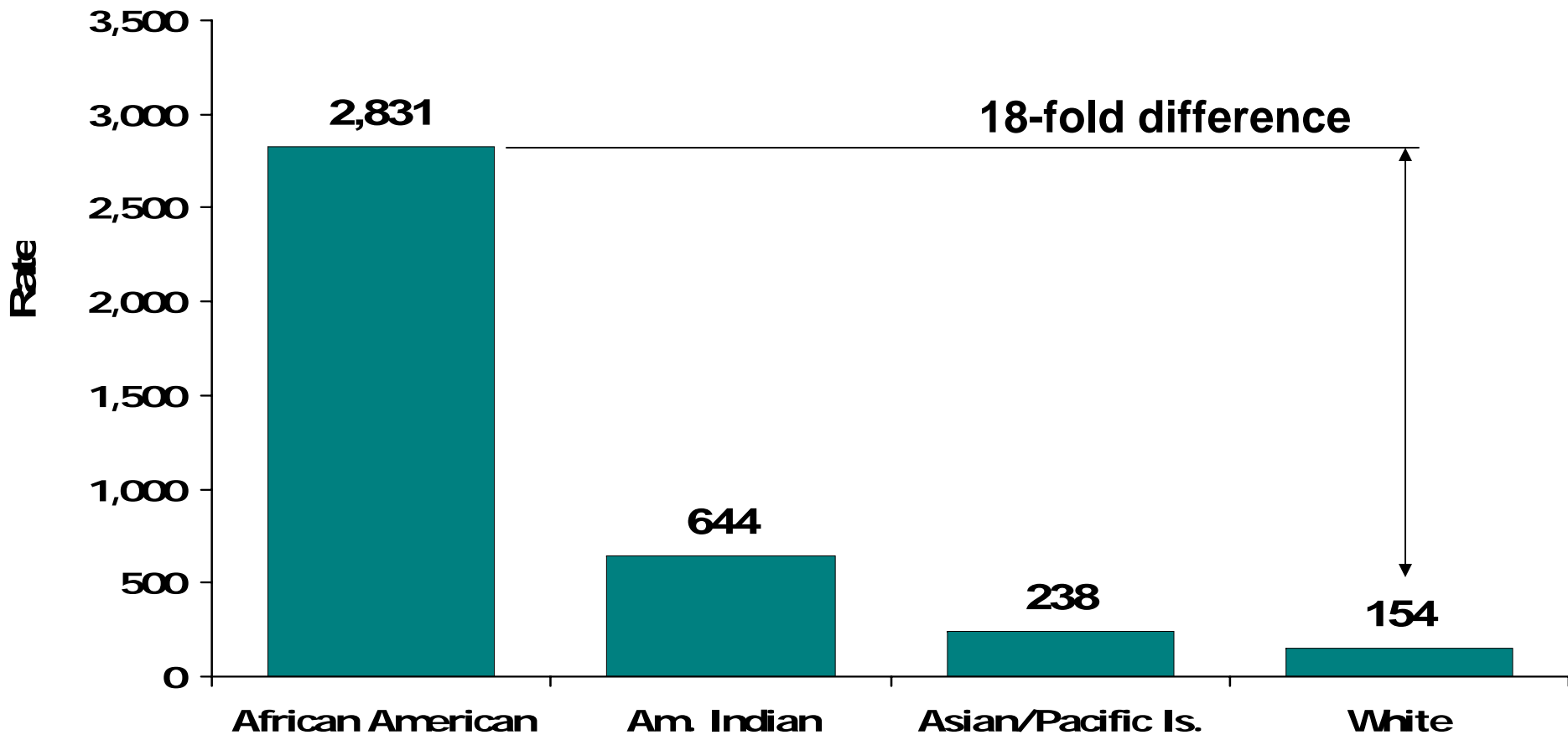
**Reported STD cases*,
Wisconsin, 2008**

<u>Race</u>	<u>Cases</u>	<u>Percent</u>
White	7,821	29%
African Am.	10,153	38%
Am. Indian	364	1%
Asian/Pac. Is.	288	1%
Other	559	2%
Unknown	7,817	29%
Total	27,002	100%

* *Chlamydia, gonorrhea, and syphilis.*



Reported STD case rates*, by race, reportable STDs**, Wisconsin, 2008

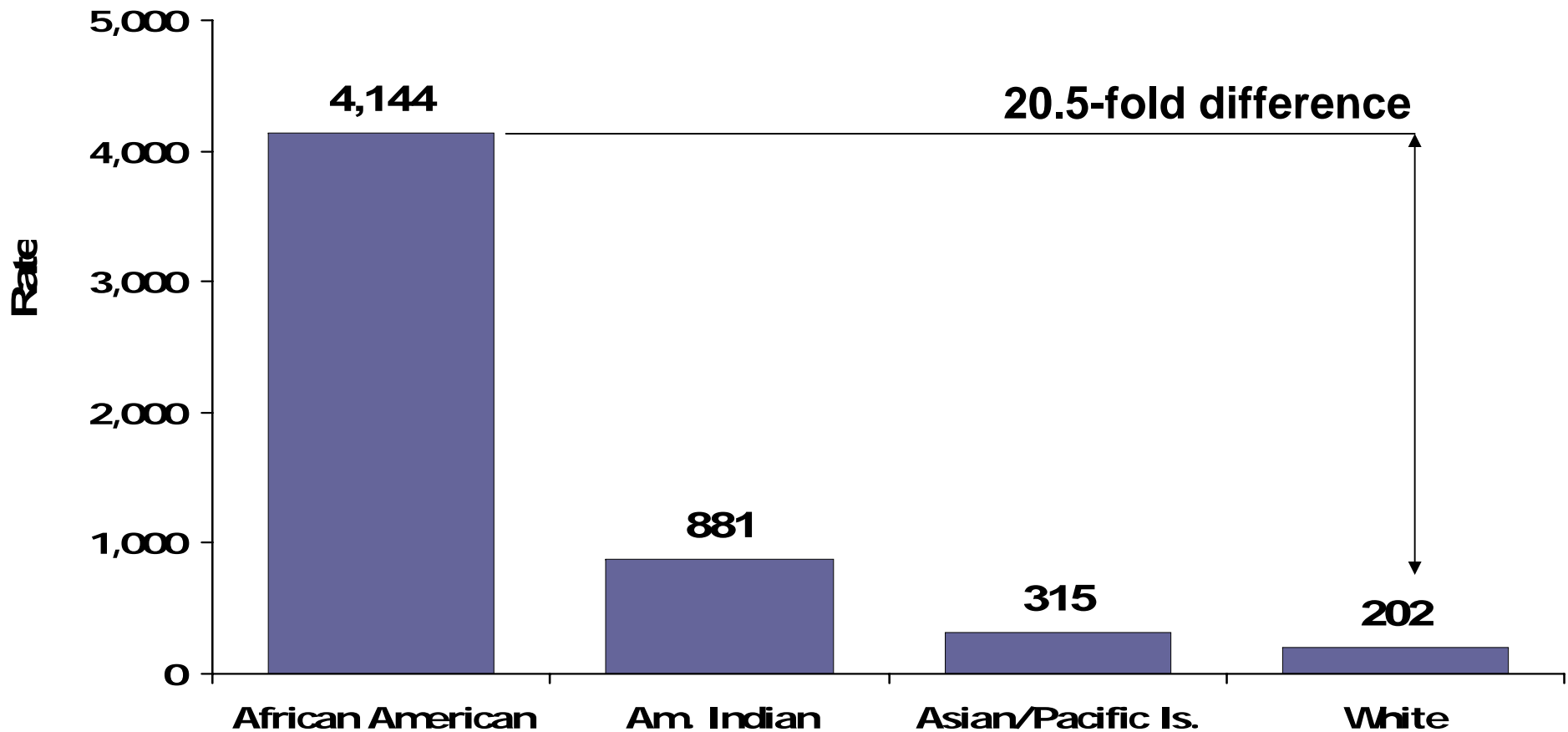


* Cases reported with race specified per 100,000 population.

**Chlamydia, gonorrhea, and syphilis.



Imputed STD case rates*, by race, reportable STDs**, Wisconsin, 2008

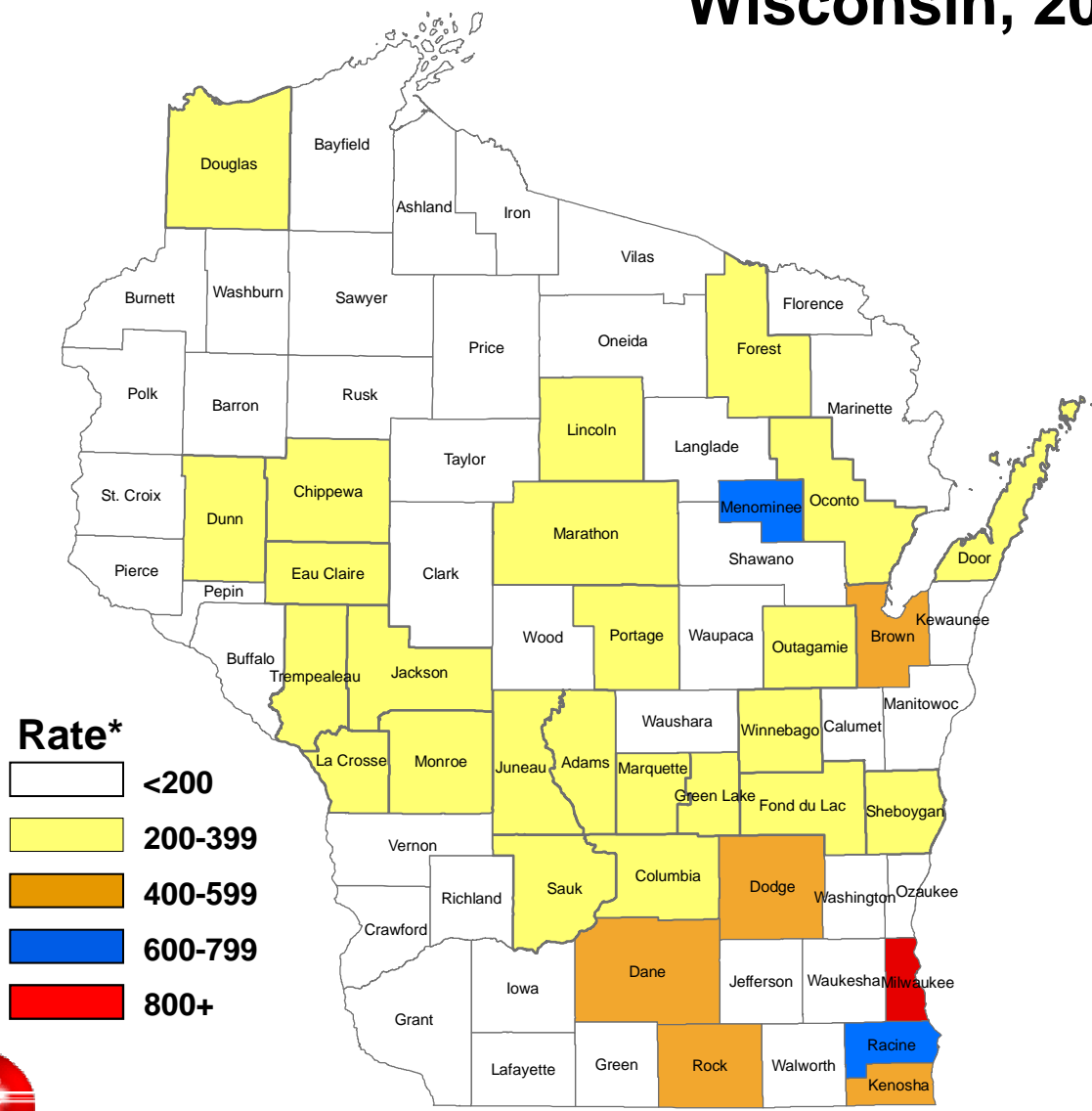


* Imputed rates are calculated by statistically allocating cases reported with unspecified race.

**Chlamydia, gonorrhea, and syphilis.



Reported STD case rates*, by county, reportable STDs**, Wisconsin, 2008



Counties with rates* >400

County	Cases	Percent	Rate
Milwaukee	13,871	51.4%	1,458
Menominee	31	0.1%	672
Racine	1,302	4.8%	667
Rock	784	2.9%	491
Kenosha	800	3.0%	491
Dane	2,130	7.9%	447
Brown	1,017	3.8%	418
Dodge	355	1.3%	404
SUBTOTAL	20,290	75.1%	889
Other counties	6,712	24.9%	202
State total	27,002	100.0%	482

* Cases per 100,000 population.

** Chlamydia, gonorrhea, and syphilis.



End

