

# STDs in Houston/Harris County

Trends

Interventions

Emerging Issues

# Reportable STDs

- Chlamydia
- Chancroid
- Gonorrhea
- HIV/AIDS
- Syphilis

# Why are STDs Important?

- Facilitate Transmission of HIV Infection
- Cause Infertility
- Cause PID
- Adverse Outcomes on Pregnancy
- 17 Billion Dollar Cost Annually in USA

# Emerging Issues

- Syphilis Outbreaks
- HIV Co-Infection
- Resurgence in Risky Behavior
- Partner Services Innovation
- Internet and STDs
- Hepatitis

# How Are We Doing in Houston?

In 2002, Houston Ranked:

- 48th- Chlamydia (346.1/100,000)
- 45th- Gonorrhea (153.9/100,000)
- 31st- P&S Syphilis (3.3/100,000)

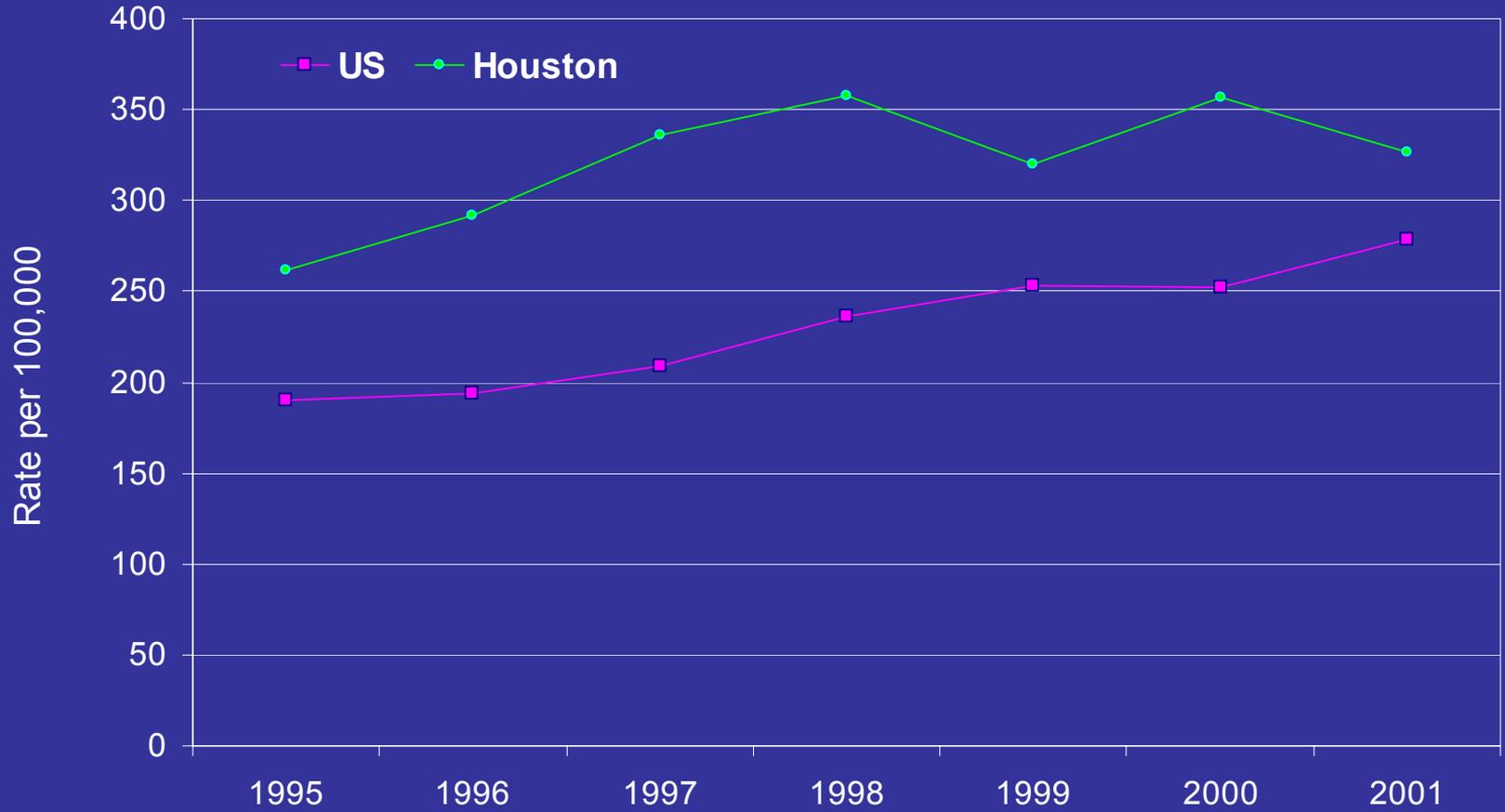
# Chlamydia

## EPIDEMIOLOGY

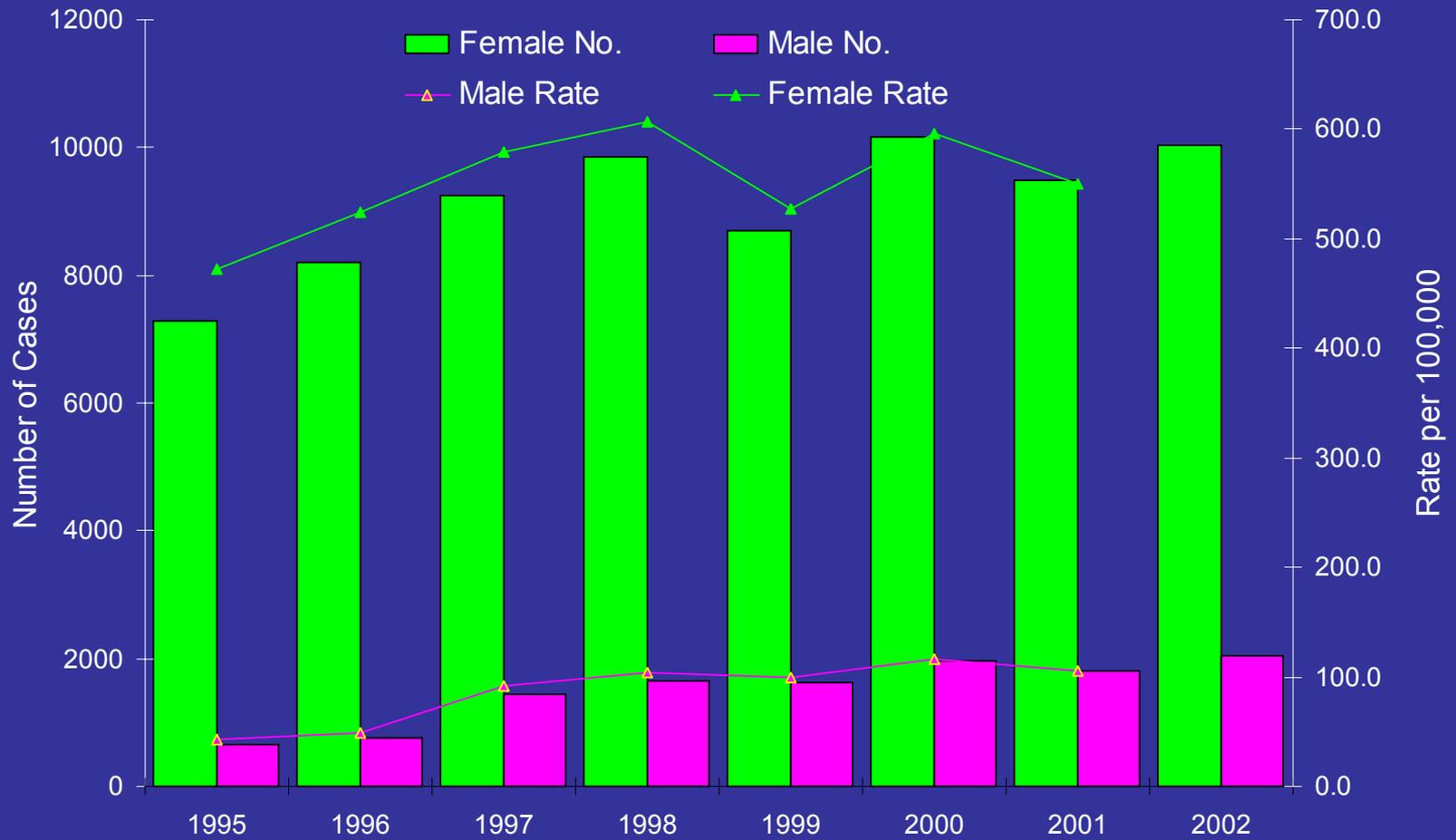
### Chlamydia: Crude Rate



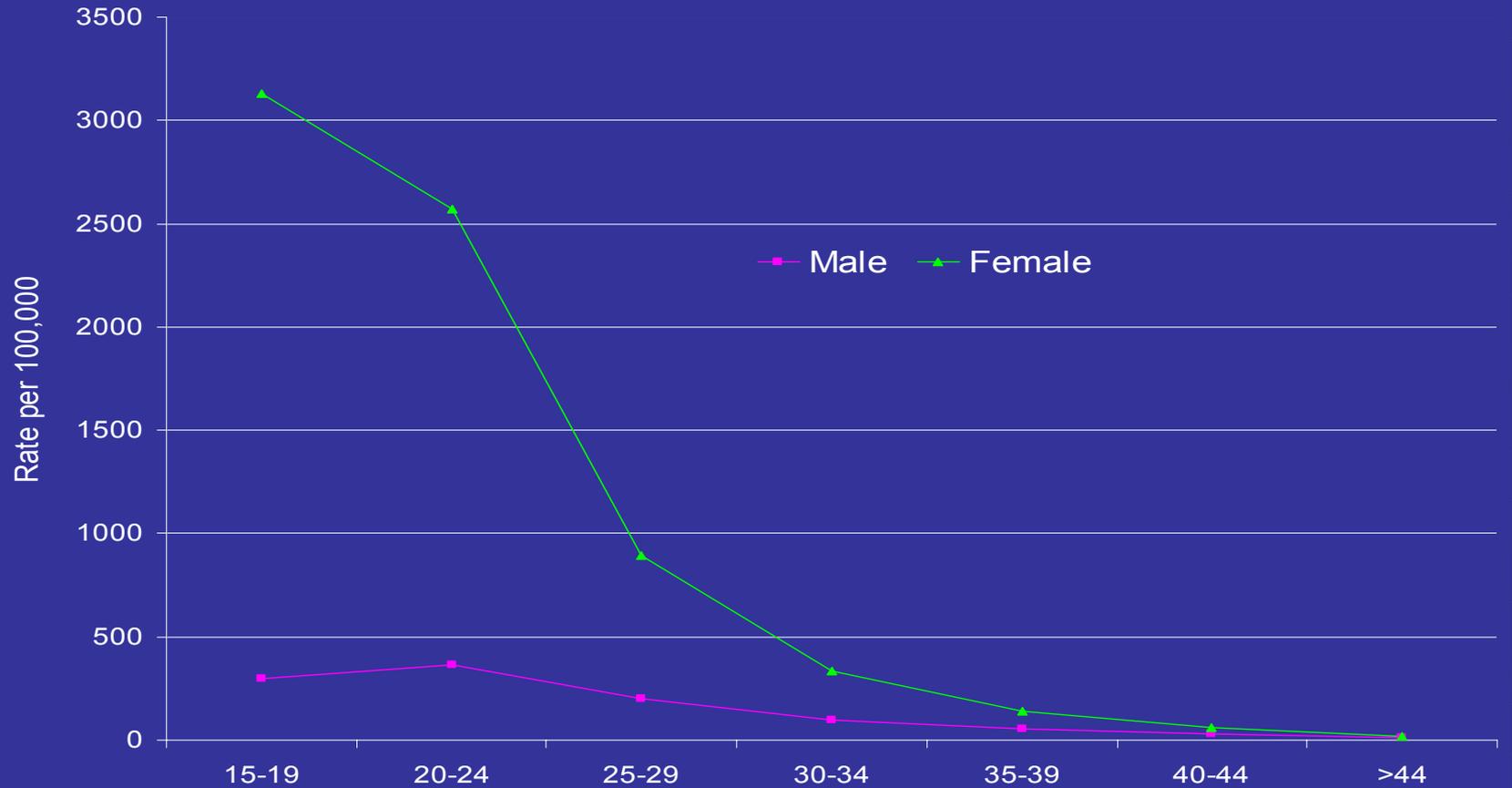
### Chlamydia: U.S. to Houston



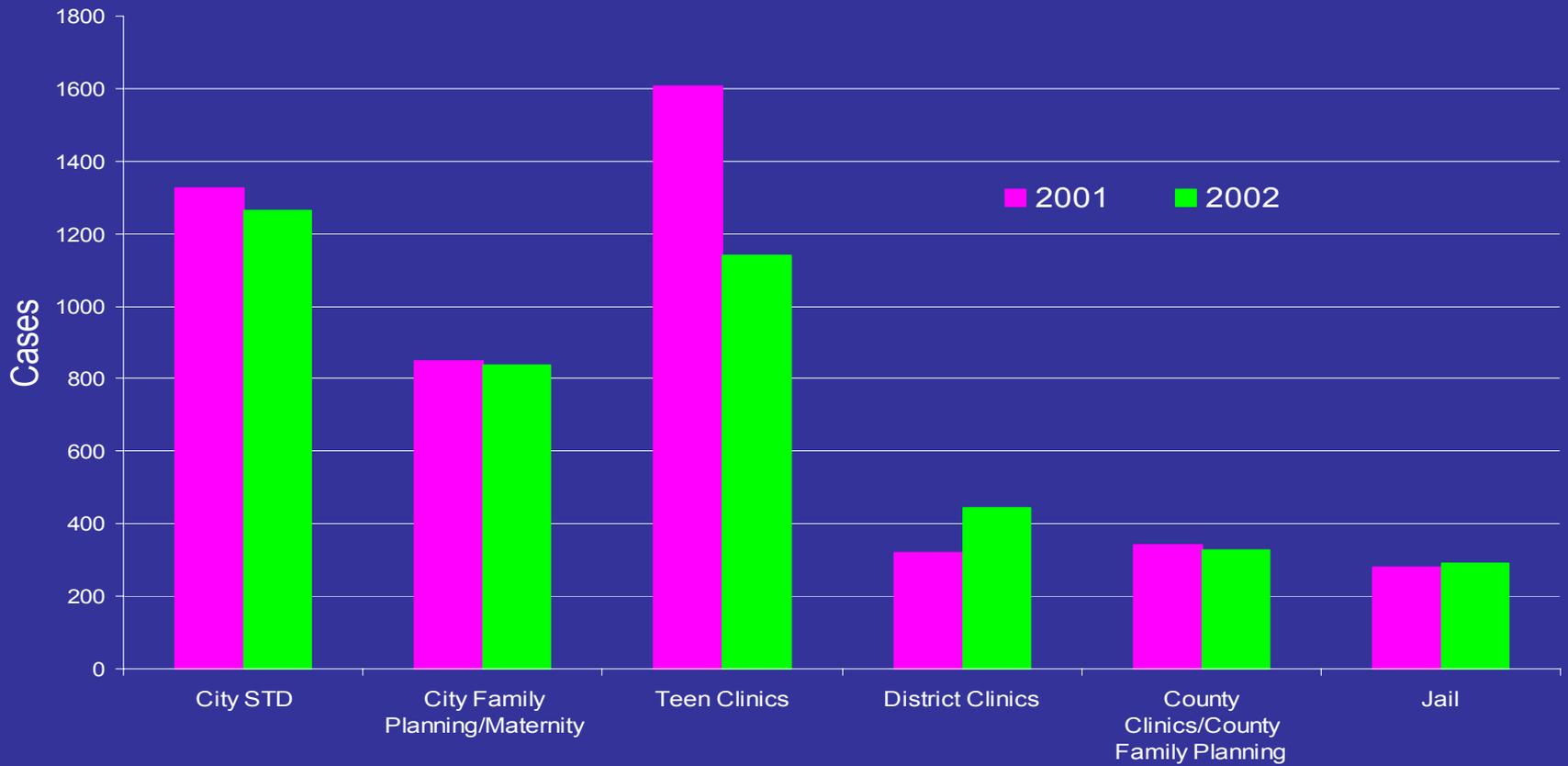
## Chlamydia: Gender-Specific Rates



### Chlamydia: Average (1995-2001) Rates by Age



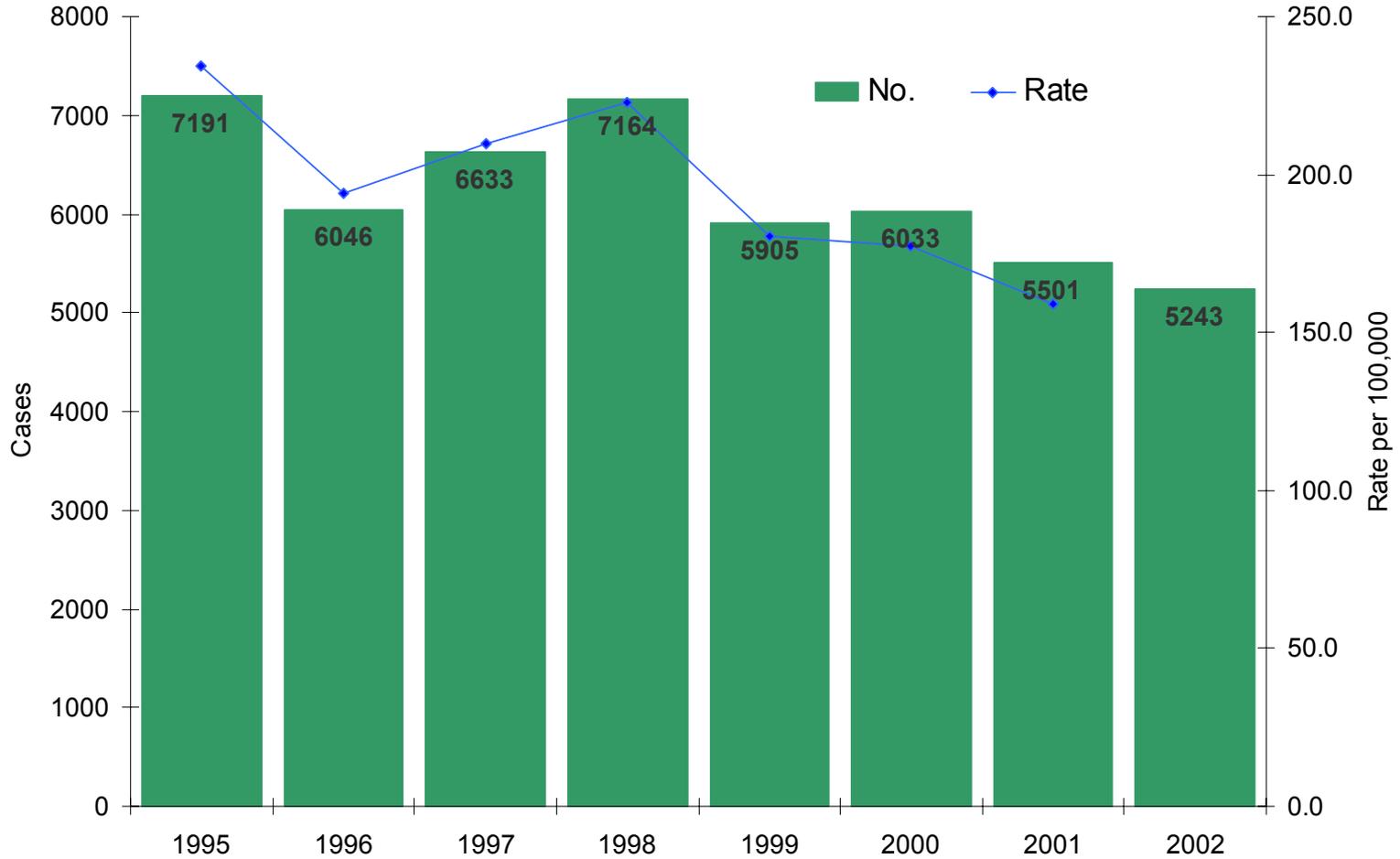
## Chlamydia: Percent of Cases Identified

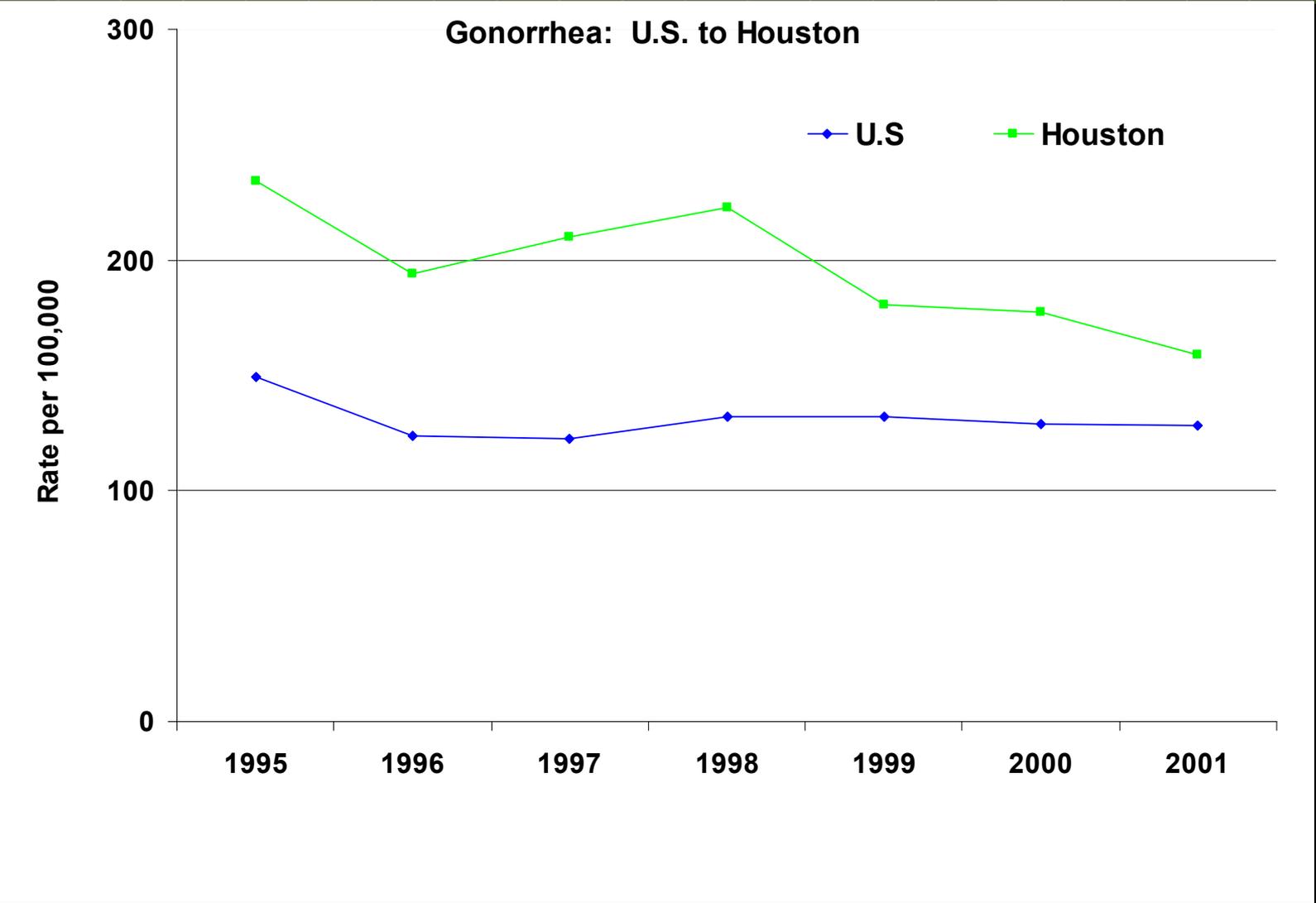


# Gonorrhoea

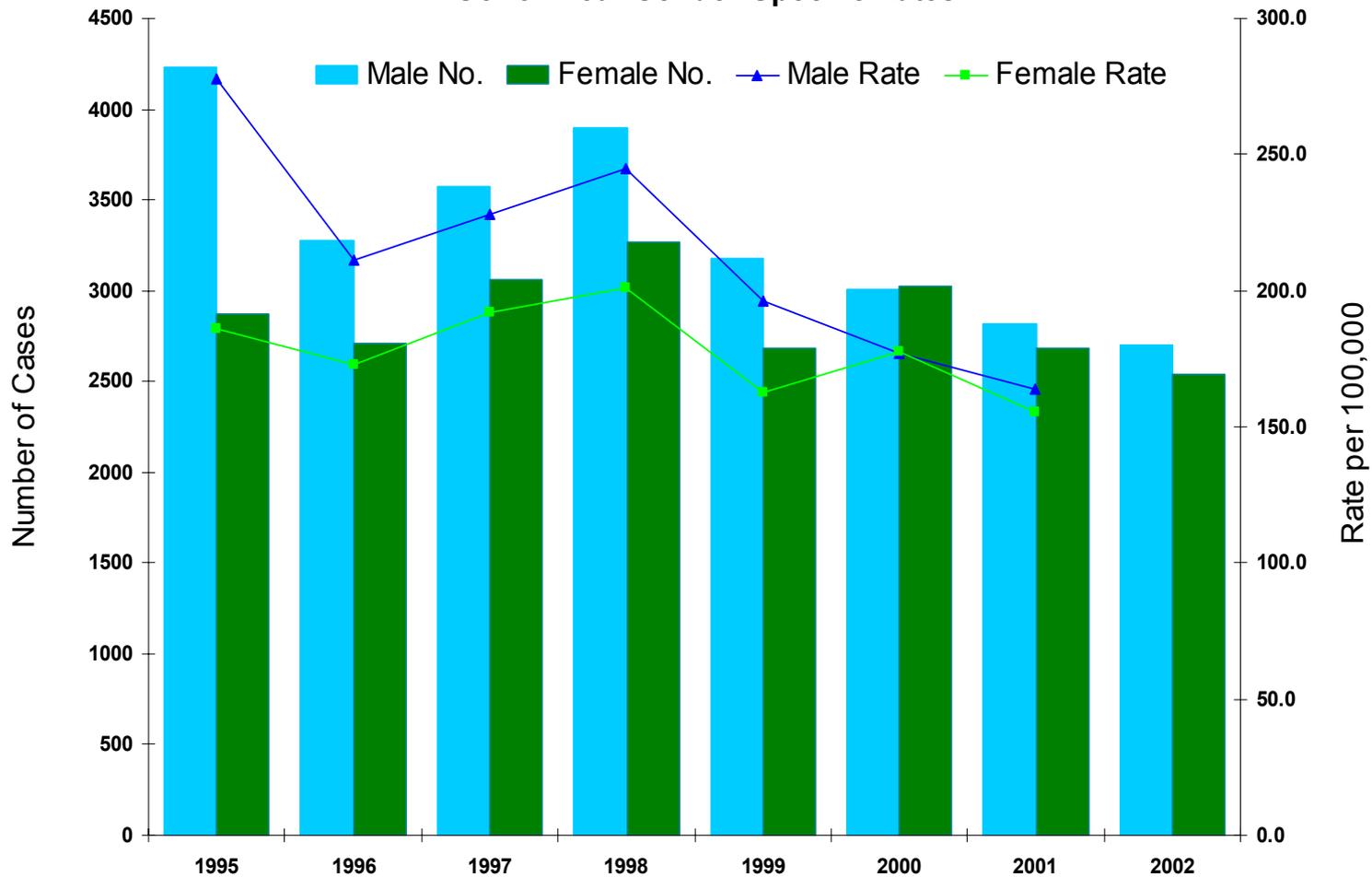
## EPIDEMIOLOGY

### Gonorrhoea: Crude Rate

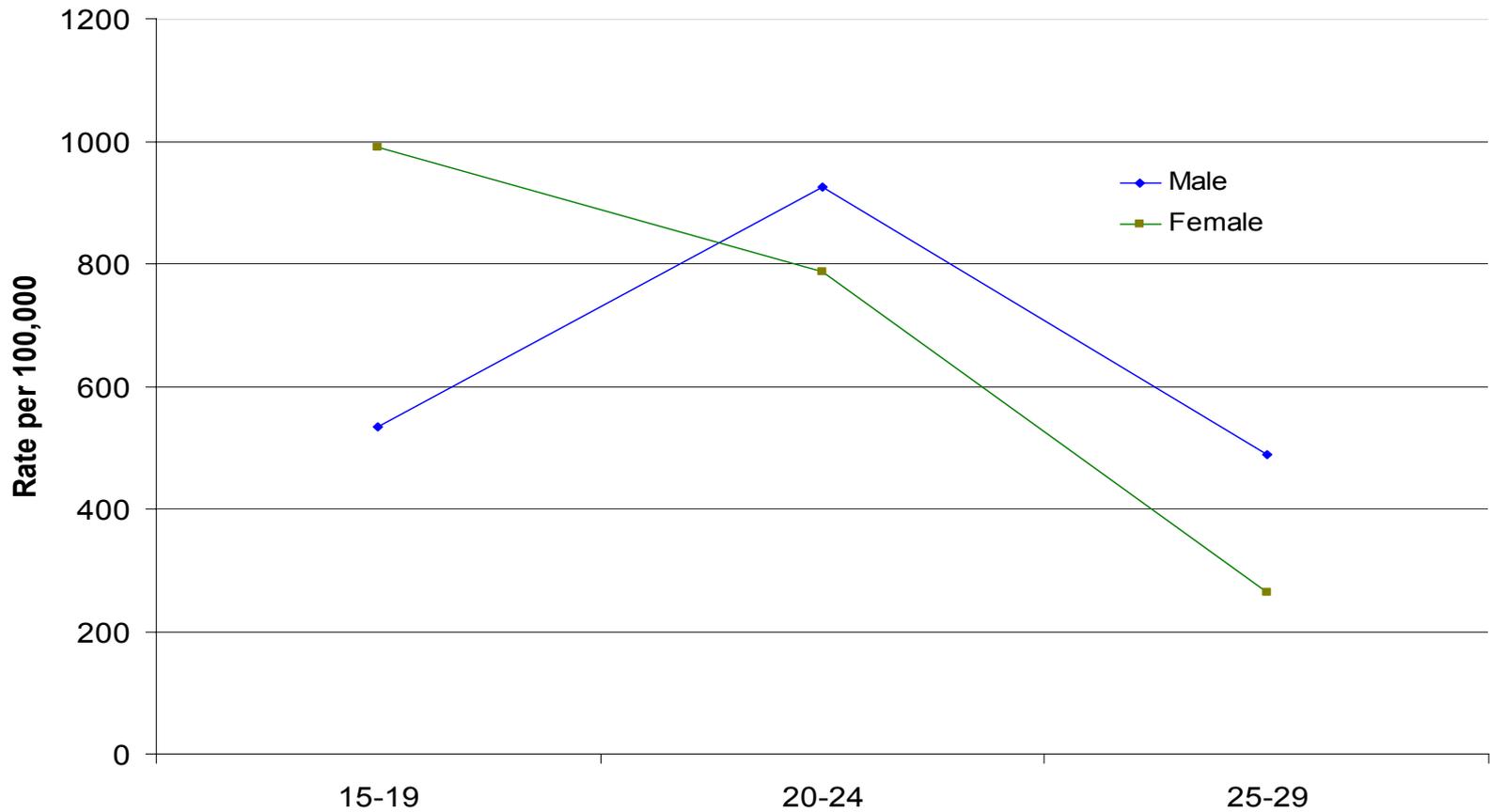




### Gonorrhoea: Gender-Specific Rates



**Gonorrhea: Average (1995-2001) Rates by Age Group**



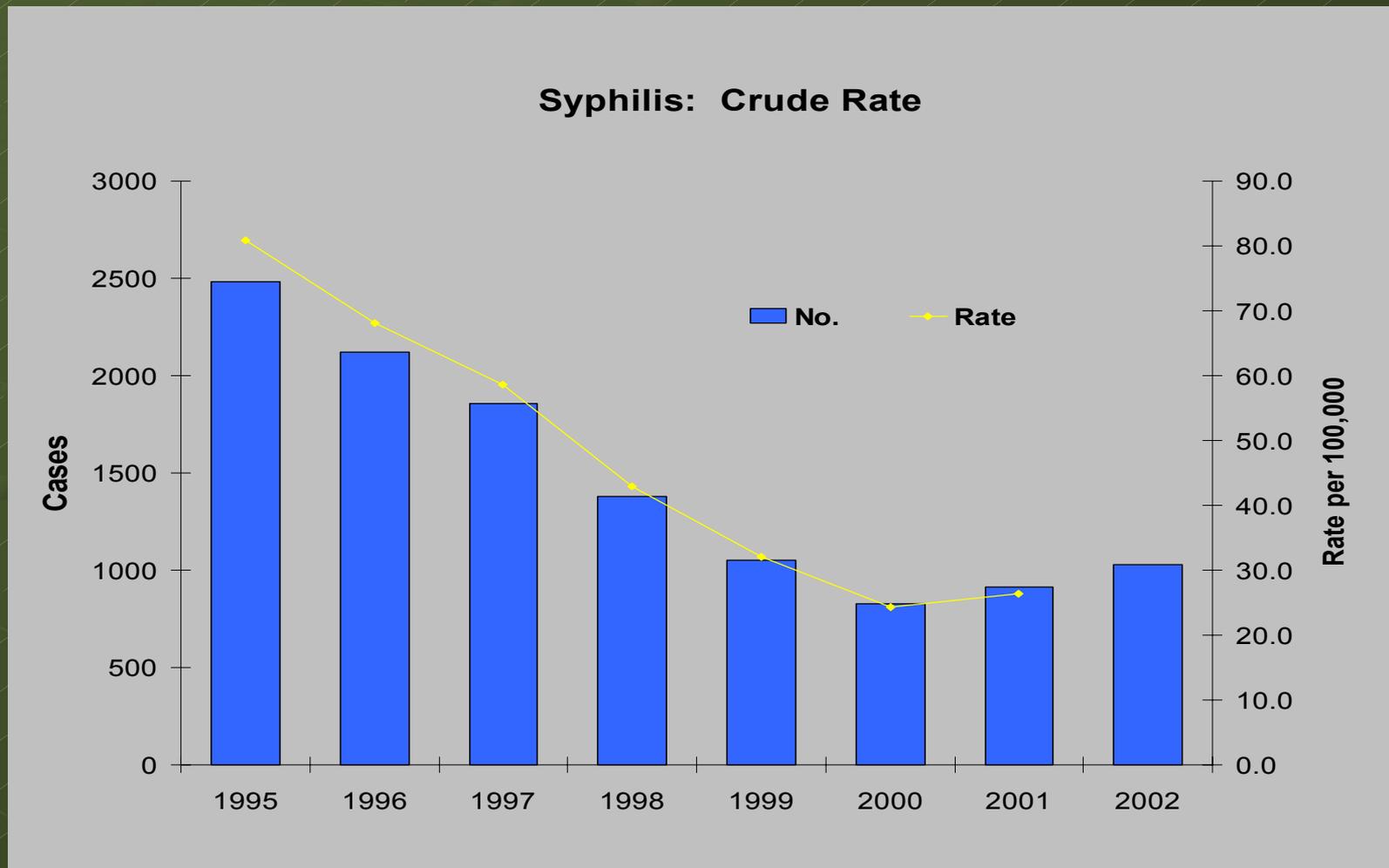
## Gonorrhea: Percent of Total Cases from Providers



# Syphilis

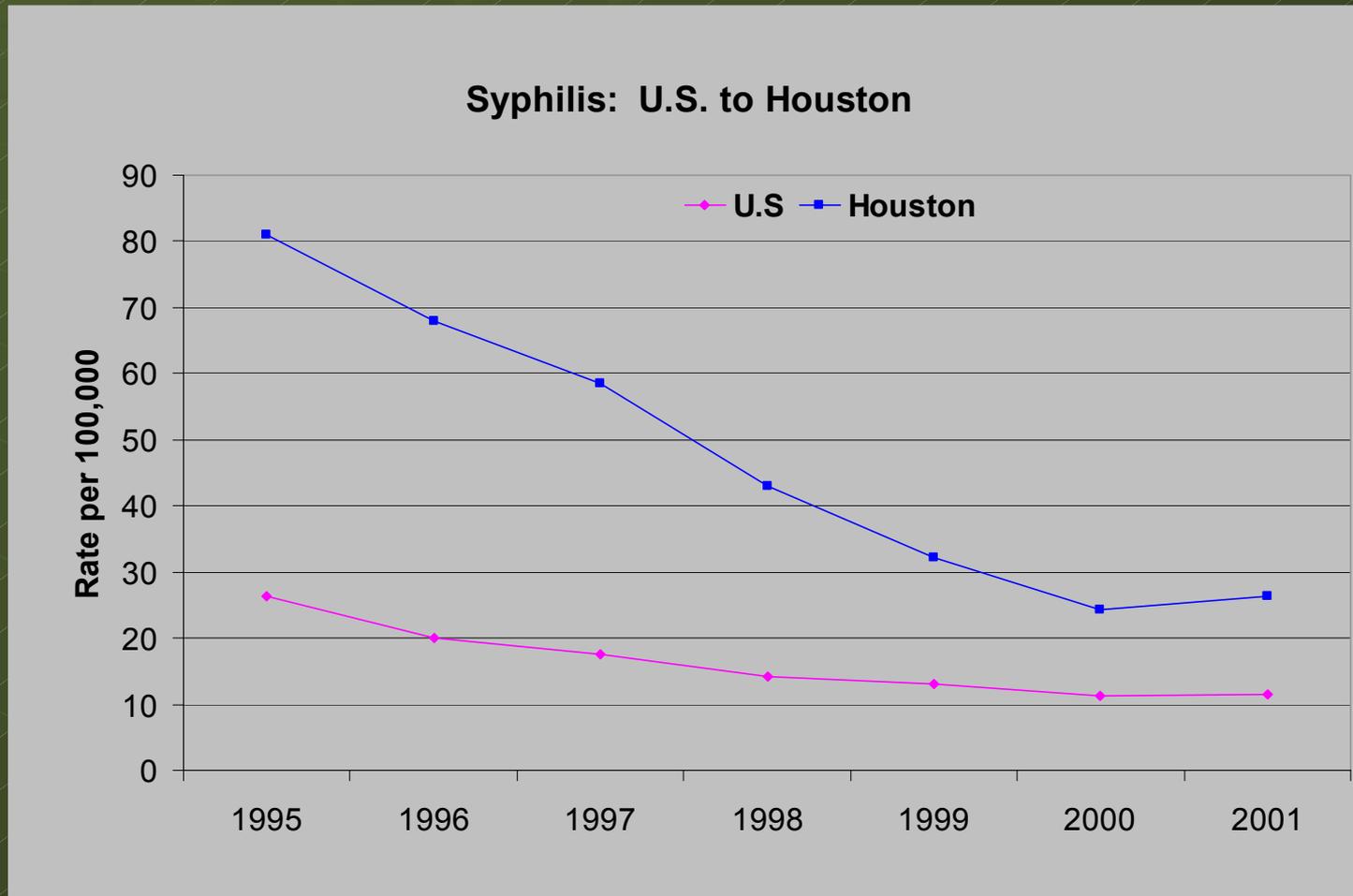
## EPIDEMIOLOGY

# Syphilis Houston/Harris County

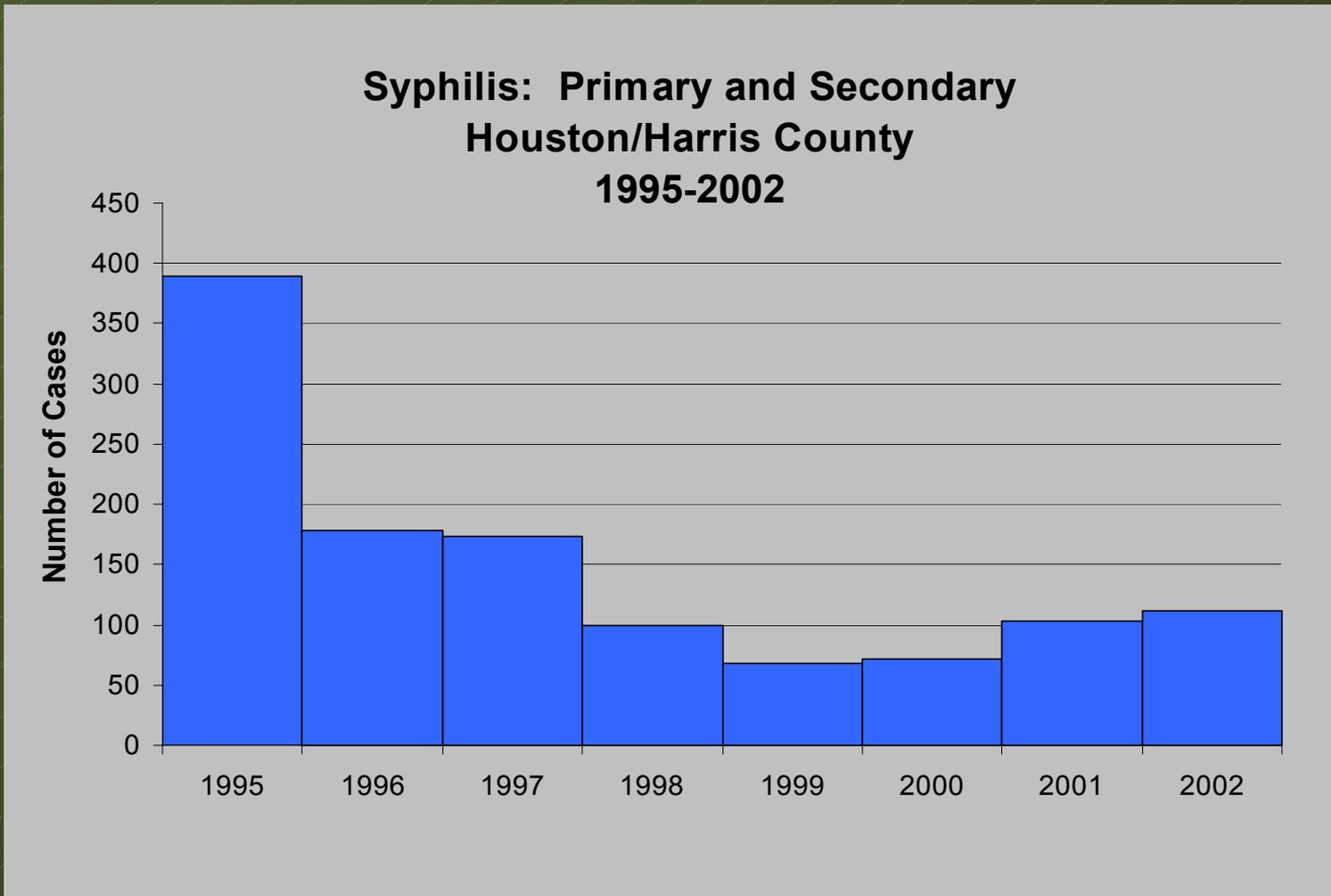


# Syphilis

## Houston/Harris County vs U.S.



# Syphilis: Primary and Secondary Houston/Harris County



# HDHHS STD Interventions

- Screening
- Treatment
- Education
- Counseling
- Partner Services

# Screening

- Syphilis, gonorrhea, chlamydia, hep C, HIV testing in 3 STD clinics
- Family Planning (no hep C)
- Prenatal (no hep C)
- Outreach Contractors (no gc)

# Screening

- Mobile Unit Outreach testing
- Collaboration with CBOs in outreach
- Bookstores, Bath houses, streets, bars
- Mobile clinic planned for 2003
- Jail tanks
- Key HIV providers encouraged to test
- Contracts with 7 CBOs to do screening

# Treatment

- 3 STD Clinics
- Some treatment in Family Planning and Maternity Clinics except for syphilis
- Facilitate treatment with private providers - provide some meds
- Facilitate treatment with Harris Co. Jail

# Treatment

- DOT for chlamydia
- Recommend epi profile based preventive treatment around syphilis outbreak
- Encouraging stat RPR testing around outbreak
- Hope to provide on site treatment on mobile clinic in 2003

# Vaccine

- Hepatitis B vaccine in STD clinics
- Plans for Hep A vaccine in STD clinics

# Education

- 9 Health Educators trained in STDs
- CDBG health ed in K-12; and in K-12
- HIV/STD Infoline
- Contracts with 23 CBOs for education
- Work with CPG to emphasize STDs
- Provider alerts, media alerts, provider training
- Expanding education to web sites, chat rooms

# Counseling

- Clinicians
- DIS
- Contractors

# Partner Services

- DIS provide partner referrals and notification for syphilis and HIV
- Some chlamydia and gonorrhea
- Clustering and social network outreach
- Counseling and testing contractors

# Partner Services

- Pursuing web based self-interview
- Self-referral through internet/email
- DIS Liaison with Key Providers
- Working with CBOs on training DIS and DIS on training CBOs to improve and promote partner notification