

Adult Sexual Behavior and Pregnancy Outcomes

Key Findings

In 2005, 3% of Sandusky County adults had been treated for a sexually transmitted (venereal disease) in the past five years increasing to 15% of those under the age of 30. One quarter (25%) of adults were tested for HIV in the past 12 months. Condom use was at 27% among adults who had more than one sexual partner in the past year. Although often drastically underestimated, sexually transmitted infections (STIs or STDs) are one of the most common infections nationwide. Studies have shown that by age 24, 1 in 3 sexually active people will have contracted an STI (Source: Planned Parenthood Federation of America, Inc.).

Adult Sexual Behavior

- ◆ Over two-thirds (68%) of Sandusky County adults had sexual intercourse in the past twelve months.
- ◆ 6% of adults self-reported they had intercourse with more than one partner in the past year, increasing to 15% of those under the age of 30.
- ◆ 1 in 10 (10%) sexually active adults used a condom the last time they had intercourse. This percentage increased to 27% of those who had more than one partner in the past year.
- ◆ Sandusky County adults were most likely to have had a vasectomy (19%) or have had their tubes tied (15%) to prevent pregnancy.
- ◆ In the past 12 months, 25% of Sandusky County adults had been tested for HIV, the virus that causes AIDS, increasing to 49% of those under the age of 30.
- ◆ 52% of Sandusky County adults made changes in their sexual behavior in the past 12 months due to what they know about HIV.
- ◆ 3% of adults had been treated for a sexually transmitted or venereal disease in the past five years, increasing to 15% of those under the age of 30.
- ◆ 81% of adults have never used the services at the family planning clinic and 4% have used it in the past year, and another 12% have used it in the past 5 years.

Facts About Sexually Transmitted Infections (STI) In The U.S.

- ❖ In 2004, about half of all new STIs occurred in people less than 25 years of age.
- ❖ From 1987-2003, the overall, incidence of STIs was rising in the U.S., yet, chlamydia had declined in some areas that had screening and treatment programs.
- ❖ In 2004, the CDC reported that chlamydia infections were the most commonly reported STI in the U.S.
- ❖ The CDC has reported that nearly 40% of women with untreated chlamydia will develop pelvic inflammatory disease (PID) and approximately 20% of women with PID will become infertile
- ❖ Young adults who are more likely to have multiple sexual partners during their lifetimes are those with an early initiation of sex, those who remain single throughout their 20s, and those with incomes lower than 200% of the poverty level.
- ❖ Many STIs are asymptomatic and can go undetected in both men and women.
- ❖ Some STIs are more common among African Americans and Hispanic individuals, including syphilis and gonorrhea.

(Source: CDC, Tracking the Hidden Epidemics: Trends in STDs in the United States 2004, CDC, STD Prevention, Chlamydia Fact Sheet, 2004 CDC Sexually Transmitted Disease Surveillance 2003 Supplement, American Social Health Association, and the Guttmacher Institute.)

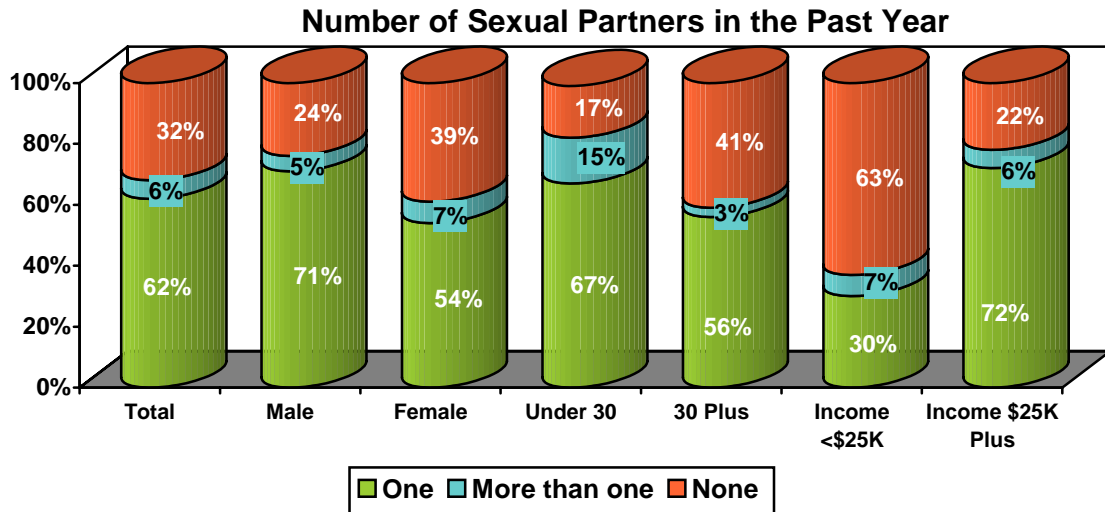
Risk Factors for Contracting Sexually Transmitted Infections

- ❖ Being single vs. married or living with partner
- ❖ Having previous history of STD infection
- ❖ Having sex without a condom
- ❖ Not knowing the sexual history of a partner
- ❖ Being a person <20 years of age
- ❖ Having multiple partners
- ❖ Having sex with a new partner or at the first meeting

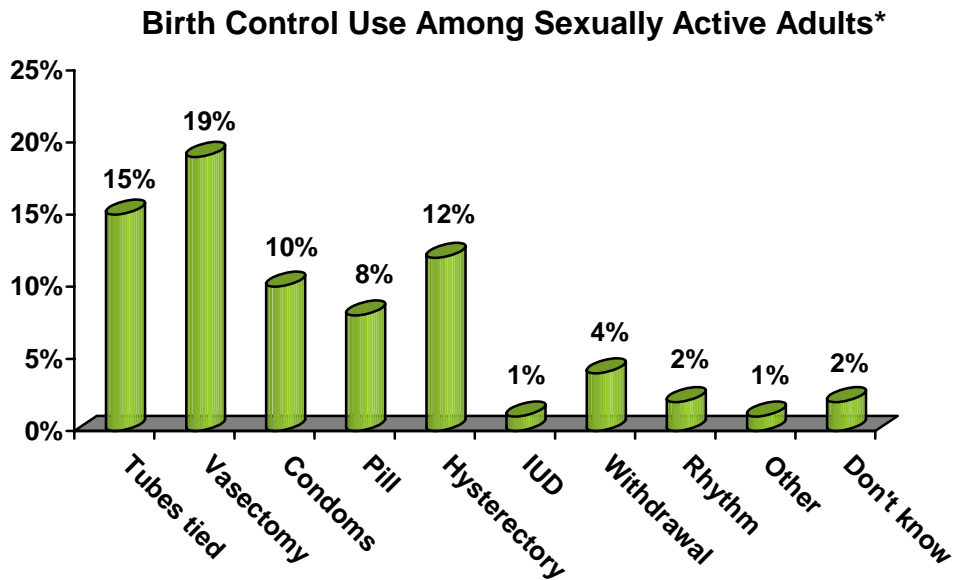
(Source: Reproductive Health Online, a service of JHPIEG- an affiliate of John Hopkins University www.reproline.jhu.edu)

Adult Sexual Behavior and Pregnancy Outcomes

The following graphs show the sexual activity of the Sandusky County adults and the percentage that used various forms of birth control. Examples of how to interpret the information in graph one include: 62% of all Sandusky County adults had had one sexual partner in the last 12 months and 6% had had more than one, and 71% of males had one partner in the past year.



Respondents were asked:
"During the past 12 months, with how many different people have you had sexual intercourse?"



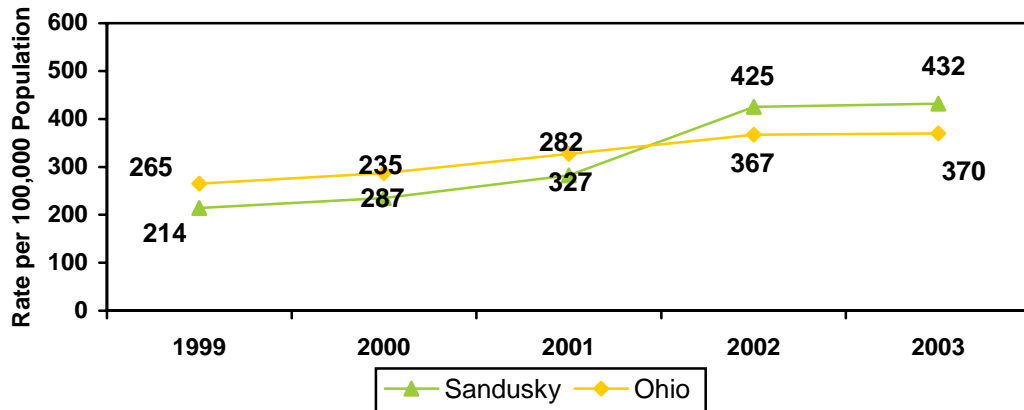
*Percentage of adults currently using any of the above birth control methods.
 Percentages will not add to 100% due to individuals/couples using multiple forms of birth control.

Adult Sexual Behavior and Pregnancy Outcomes

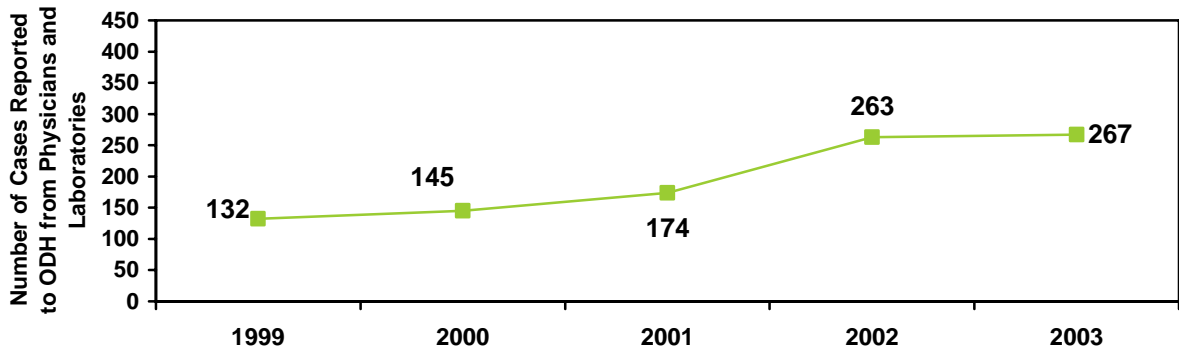
The following graphs show Sandusky County Chlamydia and gonorrhea disease rates per 100,000 population updated December 10, 2004 by the Ohio Department of Health. Between 1999 and 2003 there was only one case of secondary syphilis (2003) reported for Sandusky County. The graphs show that:

- ◆ Sandusky County Chlamydia rates were on an increase from 1999 through 2003. These rates increased to well above state rates.
- ◆ In 2003, the U.S. Chlamydia rate was 304 per 100,000 population.

Chlamydia Annualized Disease Rates for Sandusky County and Ohio



Annualized Count of Chlamydia Cases for Sandusky County

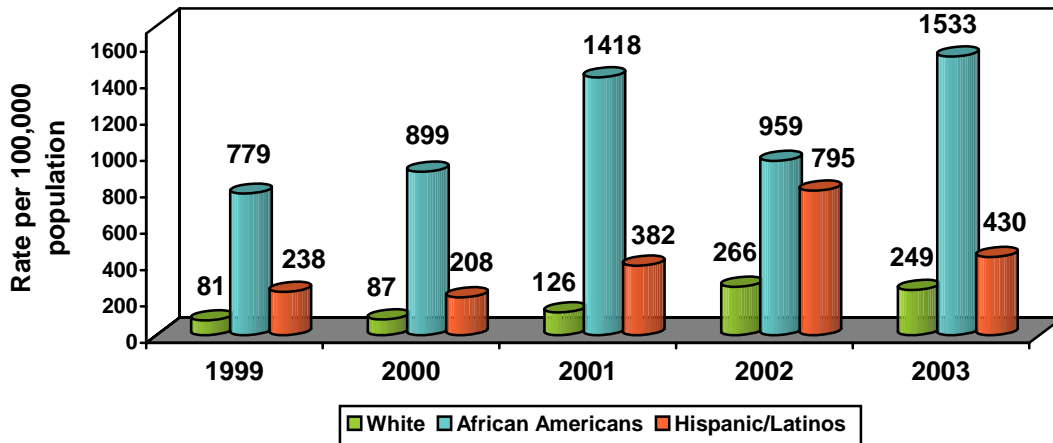


(Source: ODH Information Warehouse updated 9-30-04)

Adult Sexual Behavior and Pregnancy Outcomes

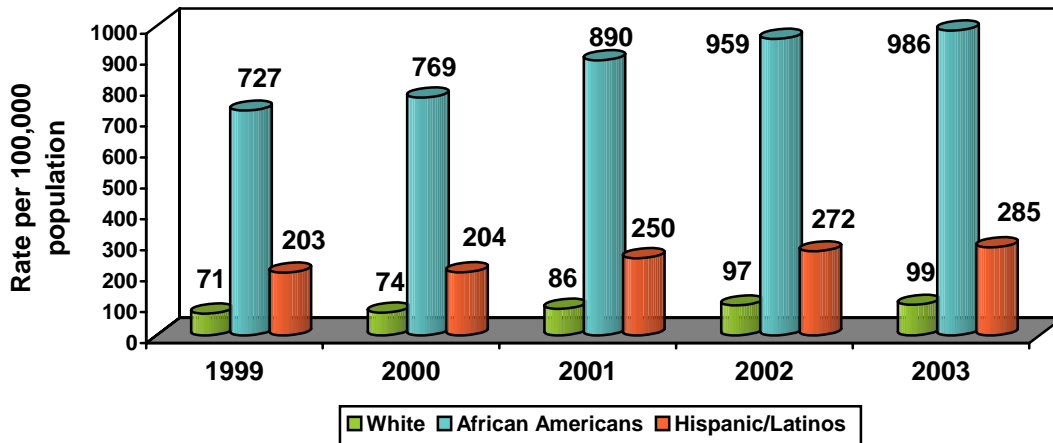
- ◆ In 2003, the Chlamydia rate for African Americans was over six times the rate reported for Whites.
- ◆ In 2003, the U.S. White Chlamydia rate was 137 per 100,000 population, for African Americans it was 1,134 and for Hispanic/Latinos the national rate was 441.

Sandusky County Chlamydia Rates by Race/Ethnicity



*Please note that the Hispanic rates for 1999 and 2000 are calculated with 10 or fewer cases.
 (Source: ODH Information Warehouse)

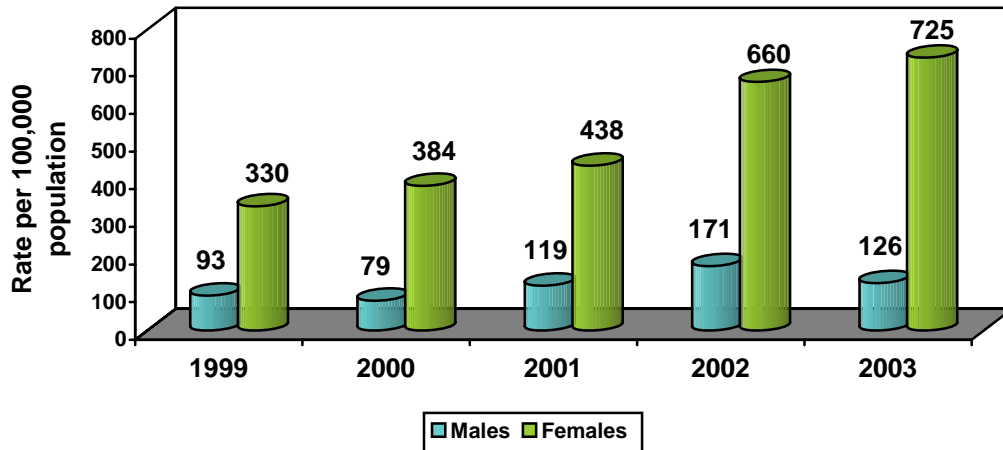
Ohio Chlamydia Rates by Race/Ethnicity



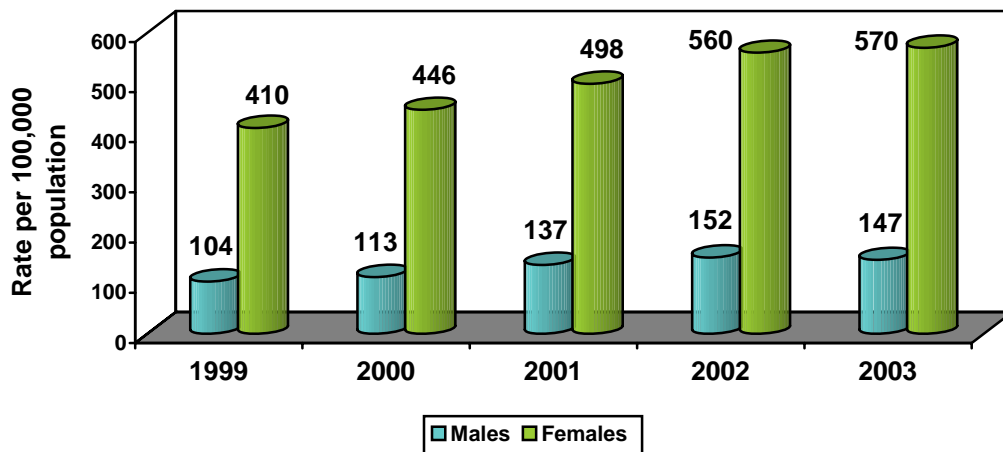
Adult Sexual Behavior and Pregnancy Outcomes

- ◆ In 2003, the Sandusky County Chlamydia rate for females was almost six times the rate for males and it exceeded both the Ohio and U.S. rates for the same time period.
- ◆ The three-year average (2001-2003) Chlamydia rate for Sandusky County females ages 15-24 was 3,105.7 per 100,000 population, comparing closely to 3,116.3 per 100,000 for Ohio.
- ◆ In 2004, the U.S. female Chlamydia rate was 486 per 100,000 population and the male rate was 148.

Sandusky County Annualized Chlamydia Rates By Gender



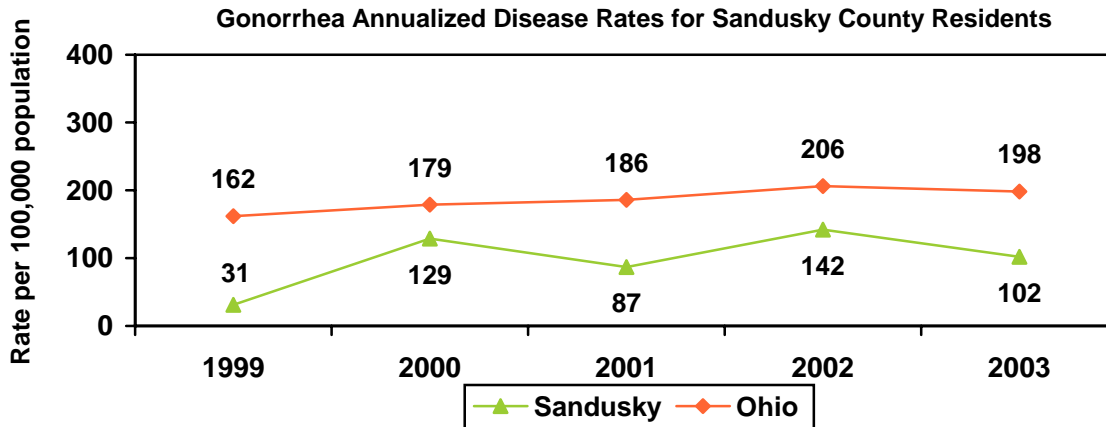
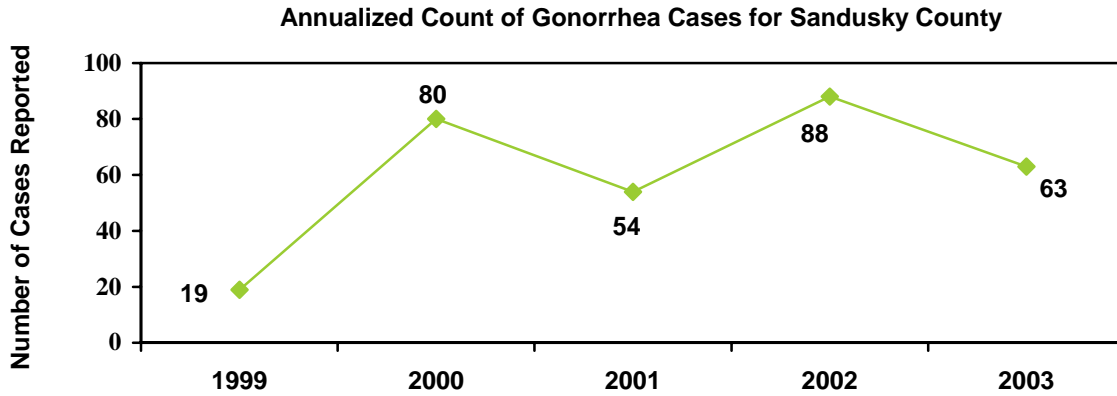
Ohio Annualized Chlamydia Rates By Gender



(Source for Graphs: ODH Information Warehouse)

Adult Sexual Behavior and Pregnancy Outcomes

- ◆ The Sandusky County gonorrhea rate increased after 1999 and has been variable after that point.
- ◆ In 2003, the U.S. gonorrhea rate for the total population was 116.2 per 100,000 population.
- ◆ The Healthy People 2010 objective for gonorrhea is 19.0 per 100,000 population.

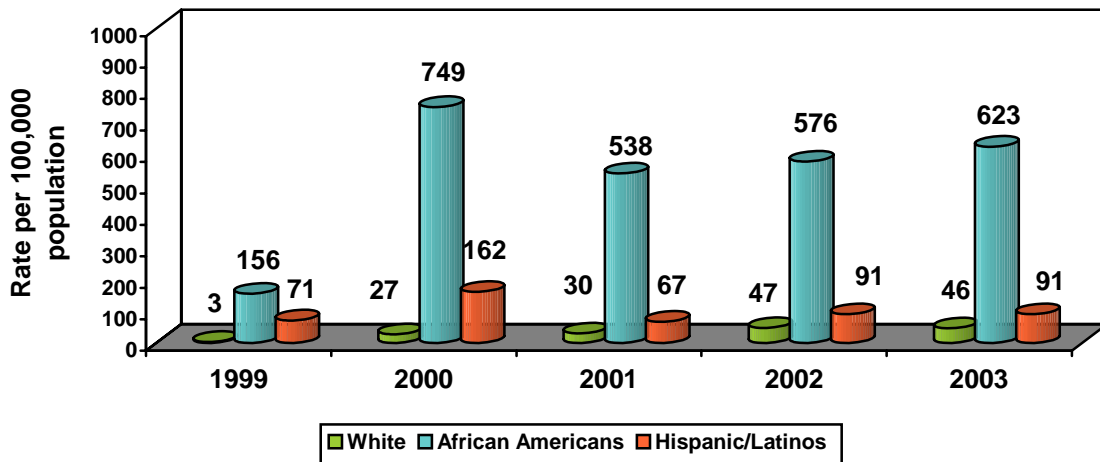


(Source for graphs: ODH Information Warehouse)

Adult Sexual Behavior and Pregnancy Outcomes

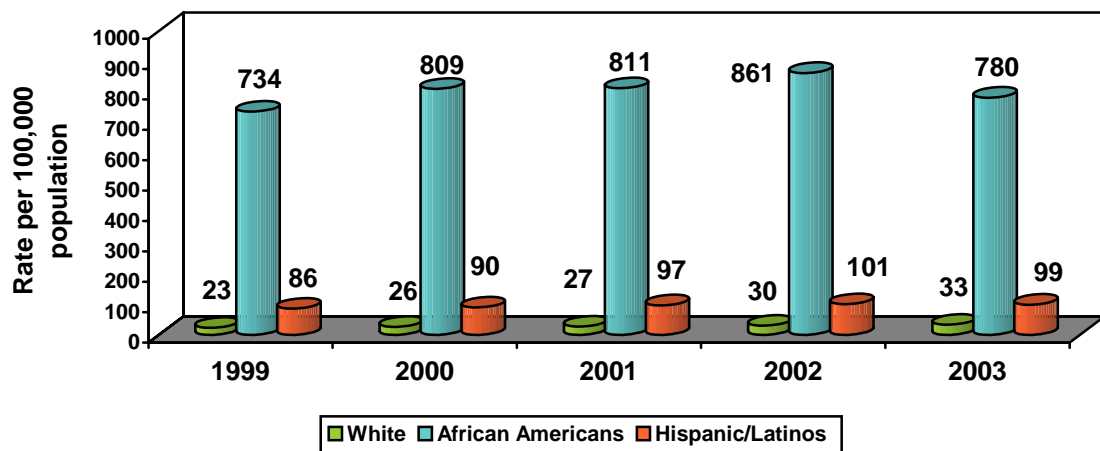
- ◆ In 2000, the gonorrhea rate for African Americans was nearly 28 times the rate reported for Whites and seven times the total population rate of 102 per 100,000 population reported for Sandusky County.
- ◆ The Sandusky County White gonorrhea rate from 2000-2003 was higher than the White gonorrhea rate for Ohio.
- ◆ In 2004, the U.S. White gonorrhea rate was 33 per 100,000 population, 630 for African Americans, and 71 per 100,000 for Hispanic/Latinos.

Sandusky County Annualized Gonorrhea Rates by Race/Ethnicity



Please note that Hispanic rates and the 1999 African American rate were calculated with fewer than 5 cases.

Ohio Annualized Gonorrhea Rates by Race/Ethnicity

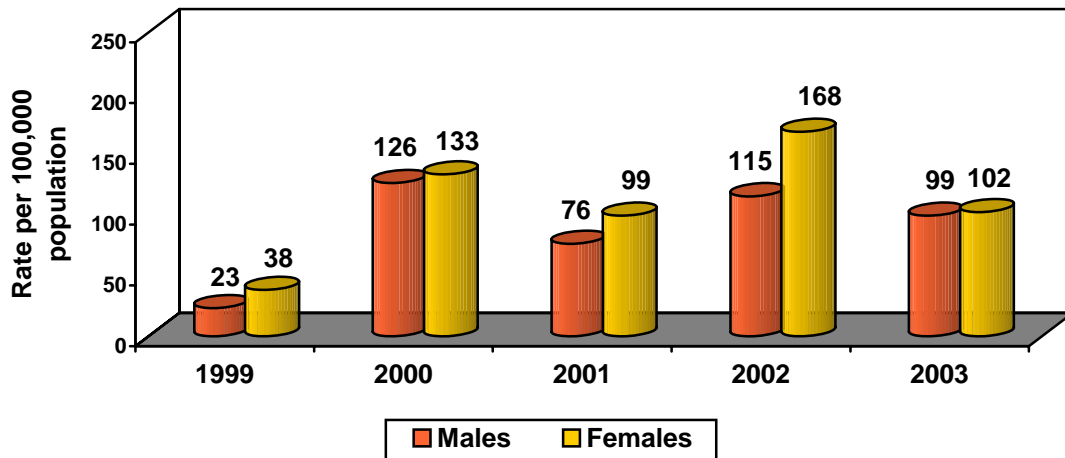


Source for Graphs: ODH Information Warehouse

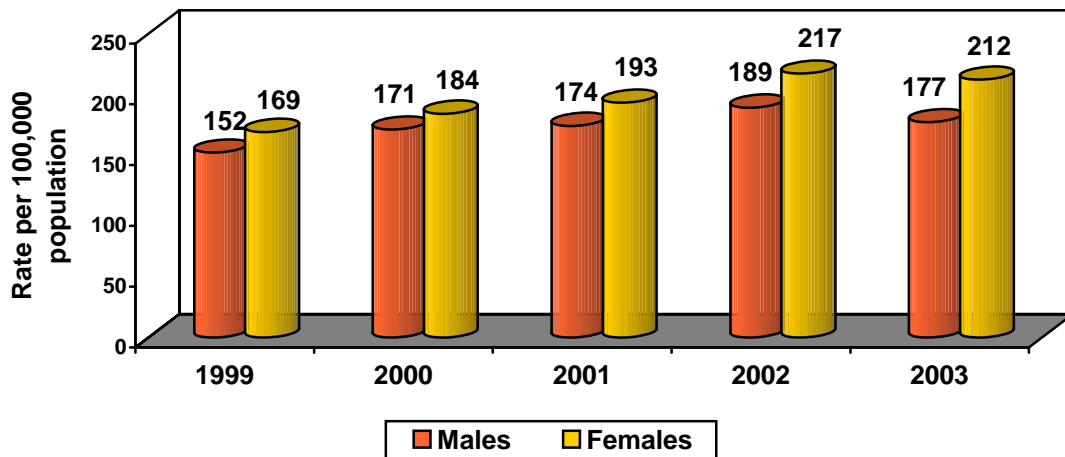
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- ◆ The Sandusky County gonorrhea rate for females and males remained comparative from 1999-2003.
- ◆ The Sandusky County female gonorrhea rate in 2003 was just under one half the Ohio female rate.
- ◆ In 2004, the U.S. female gonorrhea rate was 117 per 100,000 population compared to 110 for males.

Sandusky County Annualized Gonorrhea Rates by Gender



Ohio Annualized Gonorrhea Rates by Gender



Source for Graphs: ODH Information Warehouse

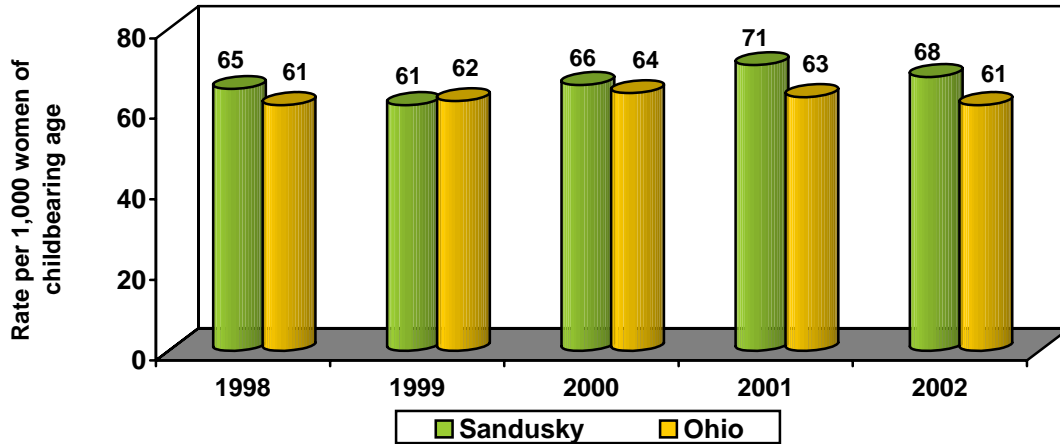
Adult Sexual Behavior and Pregnancy Outcomes

Pregnancy Outcomes

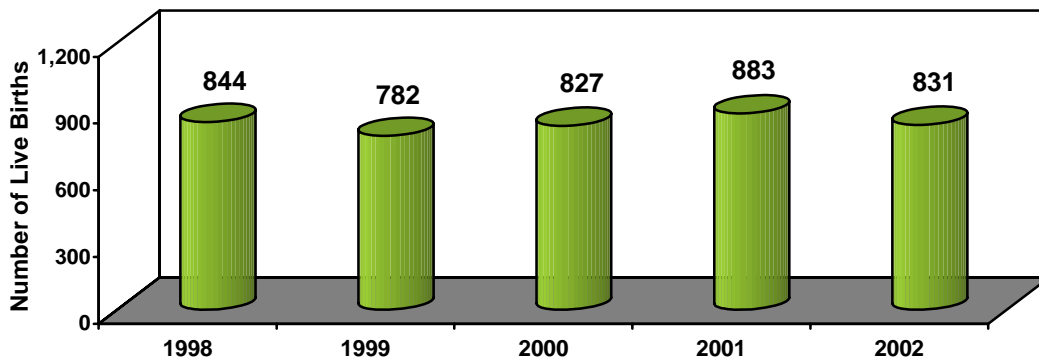
**Please note that the pregnancy outcomes data includes all births to adults and adolescents.*

- ◆ From 1998-2002, there was an average of 833 live births per year in Sandusky County.
- ◆ In 2003, the U.S. crude birth rate was 14.1 per 1,000 people.

Sandusky County Fertility Rates



Sandusky County Total Live Births



(Source: ODH Information Warehouse)

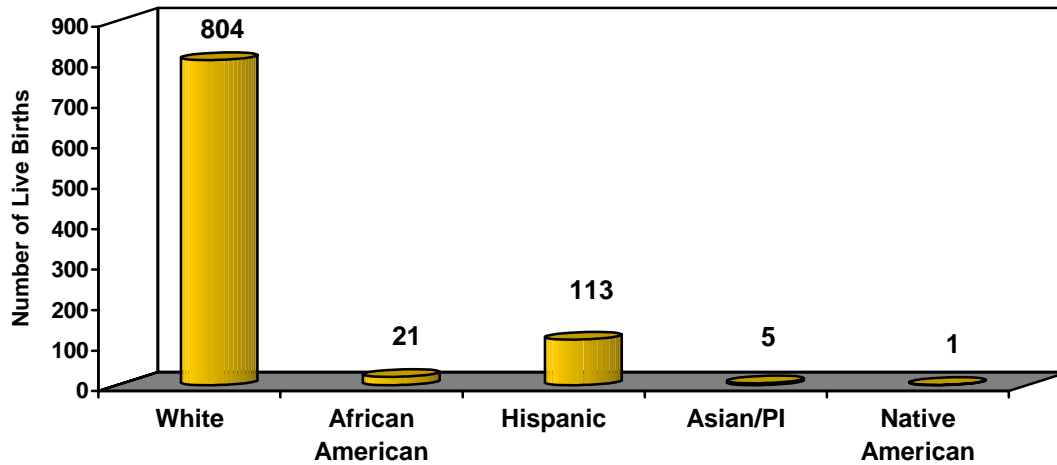
Adult Sexual Behavior and Pregnancy Outcomes

Pregnancy Outcomes

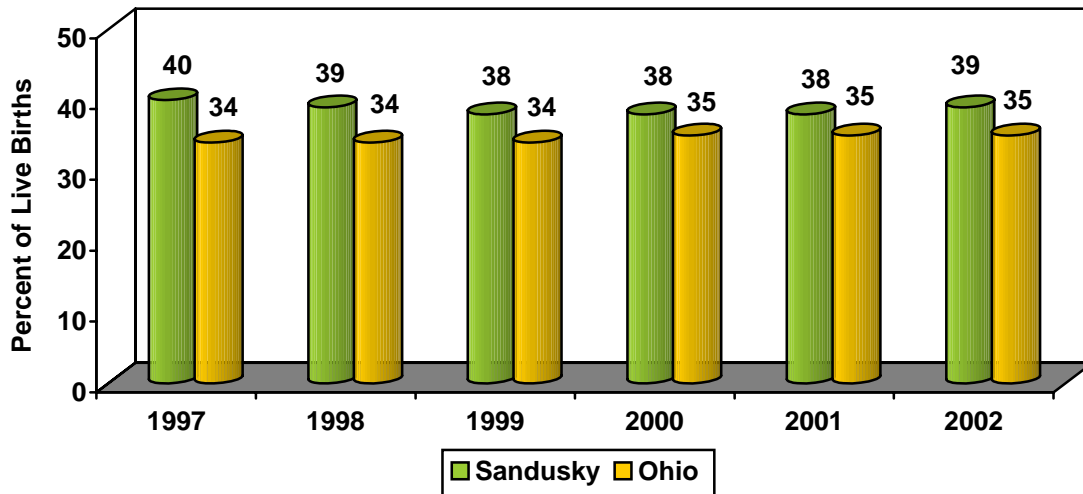
**Please note that the pregnancy outcomes data includes all births to adults and adolescents*

- ◆ The average rate of unwed births in Sandusky County was 39% from 1997-2002.
- ◆ In 2003, 35% of births in the U.S. were to unmarried women.

Sandusky County Total Live Births By Race/Ethnicity 2002



Sandusky County Unwed Births



(Source for Graphs: ODH Information Warehouse)

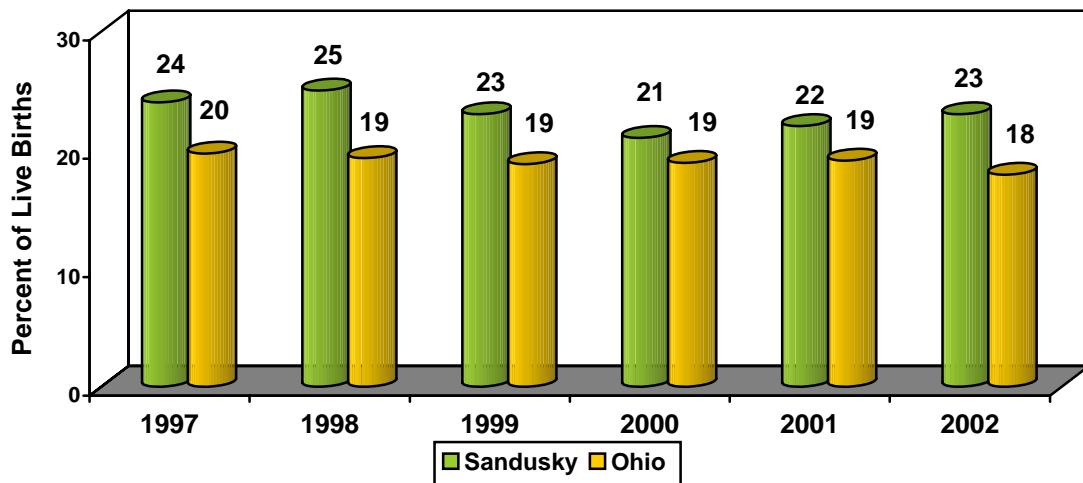
Adult Sexual Behavior and Pregnancy Outcomes

Pregnancy Outcomes

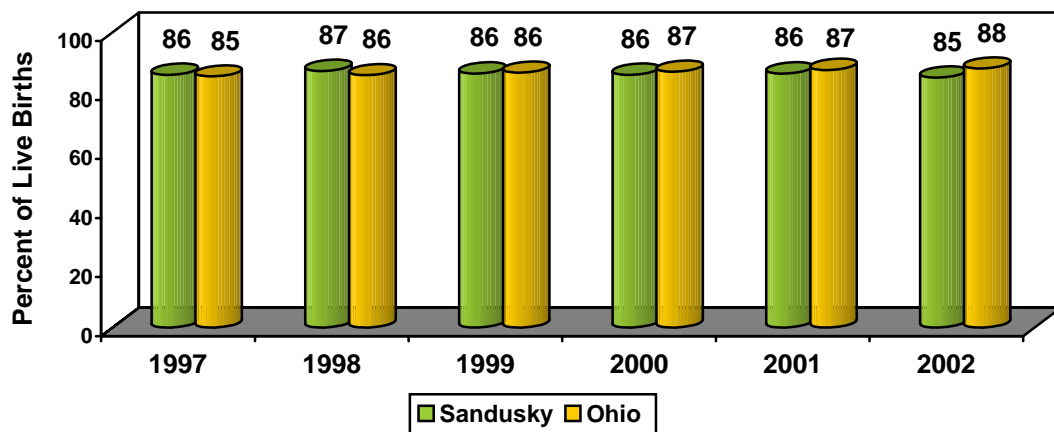
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- ◆ An average of 85.4% of Sandusky County mothers received first trimester prenatal care during 2001 and 2002.
- ◆ In 2002, 84% of U.S. mothers received prenatal care during the first trimester of pregnancy.
- ◆ From 1997-2002, an average of 23% of Sandusky County mothers reported smoking during their pregnancy.
- ◆ In 2004, 11% of U.S. mothers smoked during pregnancy.

Sandusky County Births to Mothers Who Smoke



Sandusky County Births with First Trimester Prenatal Care



Source for Graphs: ODH Information Warehouse

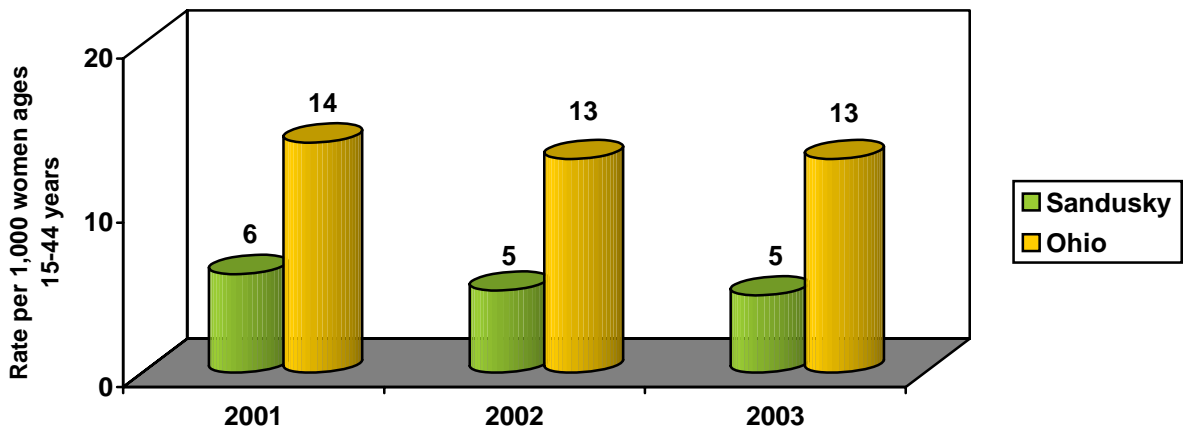
Adult Sexual Behavior and Pregnancy Outcomes

Pregnancy Outcomes

**Please note that the pregnancy outcomes data includes all births to adults and adolescents*

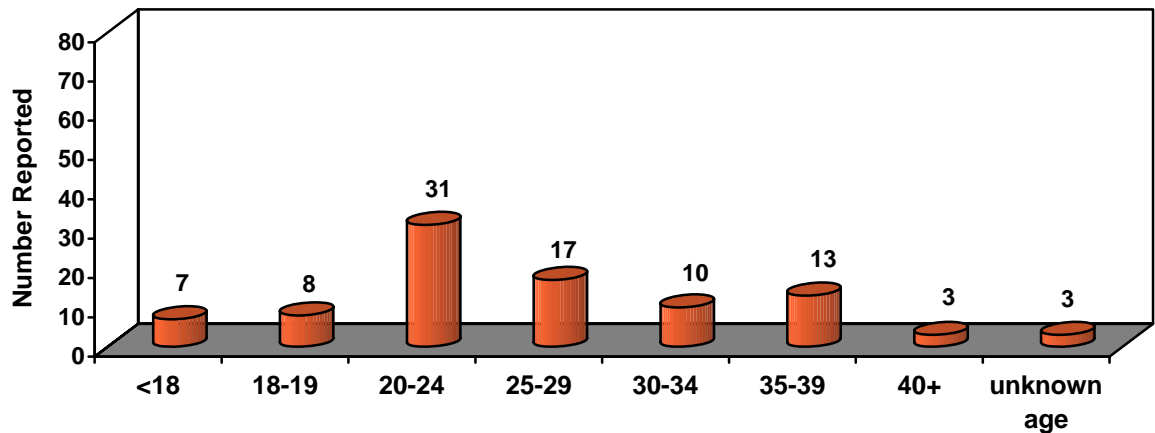
- ◆ From 2001-2003, the number of abortions performed involving Sandusky County residents remained less than half the rate for Ohio.
- ◆ In 2003, 34% of abortions among Sandusky County residents involved females 20-24 years old.

Sandusky County Resident Induced Abortions



Sandusky County Resident Induced Abortions By Age, 2003

N = 92



(Source for Graphs: ODH Information Warehouse)

Adult Sexual Behavior and Pregnancy Outcomes

Pregnancy Outcomes

**Please note that the pregnancy outcomes data includes all births to adults and adolescents*

- ◆ In 2004, 8.1% of all U.S. live births were low birth weight.

