Chlamydia and Gonorrhea Infections Among 15-24 Year Olds

STD Surveillance Program

2013
Chlamydia

- Most people infected with chlamydia are asymptomatic.
- 10-15% of infected women who go untreated develop pelvic inflammatory disease (PID).
- PID and asymptomatic infection in the female upper genital tract may cause permanent damage to the fallopian tubes, uterus, and surrounding tissues, which can lead to infertility.
- Common symptoms in men and women include discharge from genitals and painful urination.
- Chlamydia infections may also increase the likelihood of becoming infected with HIV.

Source: http://www.cdc.gov/std/chlamydia/STDFact-Chlamydia.htm
Chlamydia in Ohio: 2012

Overall:
- 53,297 cases reported (as of 05/05/2013)
- 462.0 cases/100,000

Sex:
- 73% of cases reported were females

Age:
- 74% of cases were reported in 15 - 24 year olds

Race:
- 27% of cases were missing race information
- Among cases with a known race, 53% were black

Ethnicity:
- 48% of cases were missing ethnicity information
- Among cases with a known ethnicity, 96% were non-Hispanic/Latino
Major Health Disparity for 15-24 Year Olds

Even though 15-24 year olds made up 14% of the total Ohio population in 2012, 74% of chlamydia infections and 62% of gonorrhea infections in the state were diagnosed in this group.
Rates among 15-24 year olds have been substantially higher than all other age groups over the last 5 years.

Rates among 20-24 year olds have been rising while rates among 15-19 year olds are recently declining.
Females aged 15-24 have had infection rates 3 to 4 times the rates of males in the same age group.
A major racial disparity has been present over the past 5 years.
In 2012, the infection rate among blacks was almost 7 times the infection rate of whites.

* 28% of cases were missing race from 2008 – 2012
Even though 15-24 year old black females accounted for 1% of the total population in Ohio...

2012 Chlamydia Infections

...they accounted for 21% of the chlamydia infections in the state in 2012.
Disparity Among Young White Females

Even though 15-24 year old white females accounted for 5% of the total population in Ohio...

2012 Chlamydia Infections

...they accounted for almost 20% of the chlamydia infections in the state in 2012.
2012 Chlamydia Among 15-24 Year Olds

- The highest chlamydia rates occurred in urban areas in the state.
- 44% of chlamydia infections were diagnosed among residents of Cuyahoga (Cleveland), Franklin (Columbus), or Hamilton (Cincinnati) Counties in 2012.
Gonorrhea

- Many people infected with gonorrhea are asymptomatic.
- Infected women who go untreated can develop PID.
- PID can lead to infertility and increased chances of ectopic pregnancy (and ultimately miscarriage).
- Common symptoms in men and women include discharge from genitals.
- Untreated gonorrhea infections may also increase the likelihood of becoming infected with HIV or transmitting the virus.
- It is not uncommon for someone diagnosed with chlamydia to simultaneously receive a gonorrhea diagnosis.

Source: http://www.cdc.gov/std/gonorrhea/STDFact-gonorrhea-detailed.htm
Gonorrhea in Ohio: 2012

Overall:
- 16,552 cases reported (as of 05/05/2013)
- 143.5 cases/100,000

Sex:
- 59% of cases reported were females

Age:
- 62% of cases were reported in 15 – 24 year olds

Race:
- 21% of cases were missing race information
- Among cases with a known race, 70% were black

Ethnicity:
- 46% of cases were missing ethnicity information
- Among cases with a known ethnicity, 97% were non-Hispanic/Latino
Like chlamydia rates, gonorrhea rates among 15-24 year olds have been higher than all other age groups over the last 5 years.

Rates among 20-24 year olds have been rising while rates among 15-19 year olds have been declining.
- Females aged 15-24 have had infection rates twice as high as the rates of males in the same age group.
A major racial disparity has been present over the past 5 years.
In 2012, the infection rate among blacks was almost 17 times the infection rate of whites.

* 21% of cases were missing race from 2008 – 2012
2012 Gonorrhea Among 15-24 Year Olds

- The highest gonorrhea rates occurred in urban areas in the state.

- 54% of gonorrhea infections were diagnosed among residents of Cuyahoga (Cleveland), Franklin (Columbus), or Hamilton (Cincinnati) Counties in 2012.
Even though 15-24 year old black females accounted for 1% of the total population in Ohio…

2012 Gonorrhea Infections

15-24 year old Black Females 23%
Other 77%

2012 Total Population in Ohio

15-24 year old Black Females 1%
Other 99%

...they accounted for almost 25% of the gonorrhea infections in the state in 2012.
Even though 15-24 year old white females accounted for 5% of the total population in Ohio...

...they accounted for 9% of the gonorrhea infections in the state in 2012.
For additional STD data, visit:


For information on STD prevention and STD testing sites, visit: