

DASHBOARD ON ADOLESCENT SEXUAL HEALTH IN DETROIT

While the teen pregnancy rate in Detroit has dropped over the past 5 years, it remains more than twice as high as the overall state rate. Another area of concern is that Detroit high school students were only half as likely as high school students across Michigan to report using any contraception at their last sexual encounter.

KEY INDICATORS



Detroit



Michigan



behavioral health among high school students	Detroit			Michigan		
	year	metric	5-year trend	year	metric	5-year trend
students who have ever had sex	2017	39.3% ¹	↔	2017	38.3% ²	↔
students who have had recent sex (past 3 months)	2017	24.4% ¹	↔	2017	28.3% ²	↔
students who have had recent sex and used a condom	2017	41.8% ¹	↔	2017	49.3% ²	↓
students who did not use any method to prevent pregnancy at last intercourse	2017	27.1% ¹	↔	2017	14.7% ²	↔
students who used drugs or alcohol before last intercourse	2017	17.6% ¹	—	2017	19.9% ²	↔
students who have ever been tested for HIV	2017	23.5% ¹	↔	2017	12.5% ²	↔
students who have ever been physically forced to have sexual intercourse that they did not want	2017	11.9% ¹	↔	2017	9.7% ²	↔
teen births	year	metric	5-year trend	year	metric	5-year trend
teen birth rate per 1,000 15-19-year-old females	2017	37.4 ³	↓	2017	16.4 ³	↓
teen birth rate per 1,000 15-19-year-old African-American females	2017	38.4 ³	↓	2017	31.9 ³	↓
teen birth rate per 1,000 15-19-year-old Hispanic females	2017	32.6 ³	↓	2017	26.3 ³	↓
teen birth rate per 1,000 15-19-year-old White females	2017	10.6 ³	↔	2017	11.3 ³	↓
infant mortality per 1,000 infants born to mothers <20 years old	2017	14.0 ⁴	↔	2017	9.0 ⁴	↔
repeat births to 15-19-year-old mothers	2017	19.3% ³	↓	2017	15.9% ³	↔
premature births to 15-19-year-old mothers	2017	10.9% ³	↓	2017	10.6% ³	↔
low birthweight births to 15-19-year-old mothers	2017	11.2% ³	↔	2017	10.7% ³	↑
↑↓ statistically significant trend (worsening) ↑↓ statistically significant trend (improving) ↔ no trend						

- Centers for Disease Control and Prevention (CDC). 1991-2017 High School Youth Risk Behavior Survey Data. Available at <http://nccd.cdc.gov/youthonline/>. Accessed on 2019 05 29.
- Centers for Disease Control and Prevention (CDC). Youth Online. 2017 Michigan High School Youth Risk Behavior Survey Data. <https://nccd.cdc.gov/Youthonline/App/Results.aspx?LID=MI>
- 2017 Michigan Resident Birth File. Division for Vital Records & Health Statistics, Michigan Department of Health and Human Services.
- 2017 Michigan Resident Birth-Death Matched File, Division for Vital Records & Health Statistics, Michigan Department of Health and Human Services.

For more information, contact Lindsay Townes at townesl@michigan.gov.

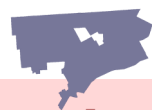
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Detroit teens are at much higher risk for contracting sexually-transmitted infections (STI) than teens elsewhere in the state, with rate ratios ranging from 3.2 times the statewide rate of chlamydia to 6.5 times the statewide rate of syphilis among males.

KEY INDICATORS



Detroit



Michigan



STIs among adolescents	Detroit			Michigan		
	year	metric	5-year trend	year	metric	5-year trend
cases of chlamydia among 15-19-year-olds	2017	3,294 ⁵	↔	2017	15,034 ⁵	↔
chlamydia rate per 100,000 15-19-year-olds	2017	7,318.0 ⁵	↔	2017	2,273.3 ⁵	↔
cases of gonorrhea among 15-19-year-olds	2017	1,033 ⁵	↔	2017	3,264 ⁵	↔
gonorrhea rate per 100,000 15-19-year-olds	2017	2,294.9 ⁵	↔	2017	493.5 ⁵	↔
cases of syphilis among 15-19 year-olds	2017	30 ⁵	↔	2017	71 ⁵	↔
syphilis rate per 100,000 15-19-year-olds	2017	66.6 ⁵	↔	2017	10.7 ⁵	↔
syphilis rate per 100,000 male 15-19-year-olds	2017	111.7 ⁵	↔	2017	17.2 ⁵	↔
syphilis rate per 100,000 female 15-19-year-olds	2017	22.1 ⁵	↔	2017	4.0 ⁵	↔
HIV among adolescents	year	metric	5-year trend	year	metric	5-year trend
new HIV diagnoses among 13-19-year-olds	2017	20 ⁶	—	2017	45 ⁷	—
new HIV diagnosis rate per 100,000 13-19-year-olds	2017	27.8 ⁶	—	2017	4.6 ⁷	—
percentage of 13-19-year-olds living with HIV that are not in care	2017	30% ⁸	↔	—	not reported	—
percentage of 13-19-year-old males with new HIV diagnosis who have sex with other males	2017	80.0% ⁶	—	2017	69.0% ⁹	—
percentage of male high school students who have had sexual contact with other males and been tested for HIV	2017	41.4% ¹	—	2017	29.4% ¹	—

↑↓ statistically significant trend (worsening)
 ↑↓ statistically significant trend (improving)
 ↔ no trend

- Michigan Sexually Transmitted Diseases Database, STD & HIV Prevention Section, Bureau of Epidemiology, Michigan Department of Health & Human Services.
- 2018 Detroit, Michigan HIV Surveillance Report New Diagnoses and Prevalence Tables. HIV & STD Surveillance & Epidemiology Section, Division of Communicable Disease, Bureau of Disease Control, Prevention, and Epidemiology, Michigan Department of Health & Human Services.
- Michigan Statewide HIV Surveillance Report New Diagnoses and Prevalence Tables, 2018. HIV & STD Surveillance & Epidemiology Section, Division of Communicable Disease, Bureau of Epidemiology & Population Health, Michigan Department of Health & Human Services.
- HIV in Detroit, Michigan: An overview of the epidemic during 2017. HIV & STD Surveillance & Epidemiology Section, Division of Communicable Disease, Bureau of Disease Control, Prevention, and Epidemiology, Michigan Department of Health & Human Services.
- HIV in Michigan: An overview of the epidemic during 2017. HIV & STD Surveillance & Epidemiology Section, Division of Communicable Disease, Bureau of Disease Control, Prevention, and Epidemiology, Michigan Department of Health & Human Services.