



2015 Sexually Transmitted Disease Summary



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Prepared
November
2016

2015 Summary of Sexually Transmitted Diseases (STD) Reported to Ottawa County

[State of Michigan STD Information](#)

This is a detailed summary of reported cases of selected sexually transmitted diseases in Ottawa County, Michigan during the 2015 calendar year.* See the [2015 Annual Summary of Reportable Diseases](#) for information on all reportable diseases in Ottawa County. The Centers for Disease Control and Prevention (CDC) 2015 STD summary can be found [here](#).

Chlamydia – There were 848 confirmed cases of *Chlamydia trachomatis* infection reported among Ottawa County residents in 2015, an increase from 713 reported cases in 2014. The month of October set a new monthly record high of 97 cases. The previous record occurred in August of 2012 with 88 confirmed cases reported.

- 604 of the cases (71.2%) were female and 243 of the cases (28.7%) were male.
- The age distribution of cases in 2015 ranged from 14 years to 55 years of age, with a mean age of 23.1 years and a median age of 23.0 years:

Age Group	Female	Male	Total
≤14 years	0.5%	0%	0.4%
15 – 19 years	34.9%	16.9%	29.7%
20 – 24 years	41.2%	44.9%	42.3%
25 – 29 years	12.1%	16.9%	13.4%
30 – 34 years	7.3%	9.9%	8.0%
35 – 39 years	2.8%	6.6%	3.9%
40 years and older	1.2%	4.9%	2.2%

- A majority of cases were Caucasian (61.7%), followed by African American and those of two or more races (6.6% for each). 172 (20.3%) were listed as unknown or missing races.
- Of the 544 cases who reported partner status, 387 (71.1%) reported having one current sexual partner, with 114 (20.1%) reporting two current partners.
- Co-infections with gonorrhea were not commonly reported among cases, with 32 (3.8%) also having a confirmed case of gonorrhea.
- 828 (97.6%) of chlamydia cases received antibiotic treatment.
- Among cases referred between January 1, 2015 and December 31, 2015, 102 (12.0%) were considered to be repeat infections, meaning that the individual had more than one infection within a 12 month period.
- Port Sheldon Township experienced the highest crude rate of chlamydia, with a rate of 660.4 infections per 100,000 people. Chester Township followed with 594.9 infections per 100,000 people, and the City of Holland had the third highest rate with 537.7 infections per 100,000 people‡.

Gonorrhea – There were 78 cases of infection with *Neisseria gonorrhoeae* reported among Ottawa County residents, down from 93 in 2014 and 90 in 2013.

- The age distribution for these cases ranged from newborn to 51 years with a mean of 25.2 years and a median age of 22.0 years for all cases investigated:

Age Group	Female	Male	Total
≤14 years	2.9%	4.6%	3.9%
15 – 19 years	20.6%	15.9%	18.0%
20 – 24 years	38.2%	34.1%	35.9%
25 – 29 years	14.7%	18.2%	16.7%
30 – 34 years	11.8%	11.4%	11.5%
35 – 39 years	5.9%	9.1%	7.7%
40 years and older	5.8%	6.8%	6.4%

- 44 (56.4%) of the cases were male and 34 (43.6%) of the cases were female.
- Co-infection with chlamydia occurred in 13 (16.7%) cases and did not occur in 41 (52.3%) of the cases. Data regarding co-infection was missing for 24 (30.8%) cases.

Human Immunodeficiency Virus (HIV) and Acquired Immunodeficiency Virus (AIDS) - The reported prevalence of HIV/AIDS is 47.5 per 100,000 people living within Ottawa County[†]. It is estimated that 160 people are currently living with HIV/AIDS within Ottawa County, with 10 being newly diagnosed in 2015. Specific data is not always available on HIV/AIDS due to the low numbers seen within Ottawa County, however among those identified to be living with HIV/AIDS:

- 79% are male.
- Most are between ages 40-49 (29% of identified cases), followed ages 50-59 (26% of identified cases).
- 84% are currently seeking care. Among those seeking care, 95% are currently in a state of viral suppression (≤ 200 c/mL).

Syphilis – There were 4 confirmed cases of primary and secondary syphilis reported in 2015 and 5 cases of latent syphilis.

- Primary & secondary syphilis: All cases were between the ages of 15 and 30, with a mean age of 24 years, and were males who reported having sex with men (MSM).
- Latent syphilis: The mean age for latent syphilis cases was 32.8 years. 60% of cases were male and 40% of cases were female. 80% of all cases of latent syphilis cases were identified as late latent syphilis.
- There were no cases of locally-acquired congenital syphilis.

* Differences in the reported number of some STDs may occur between this report and the monthly Communicable Disease Report for Ottawa County, MI due to the use of referral date to select cases for this data analysis.

† Michigan Department of Health and Human Services. (n.d.) *Annual Michigan HIV Surveillance Report – Tables*. Retrieved from http://www.michigan.gov/documents/mdhhs/State_tables_july_2016_531699_7.pdf

‡ Based on 2010 Census Data for total population by municipality available at <http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>

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Front Cover Image: *Neisseria gonorrhoeae* ingested by white blood cell; from <http://www.wartrolhelpreview.com/symptoms-treatment-and-prevention-of-stds-other-than-aids/>