

Vectorborne Disease

	2016	2017	2018	2019 (YTD)	Sep	Oct	Nov	Dec
Eastern Equine Encephalitis*	0	0	1	0	0	0	0	0
Lyme Disease	10	8	4	13	1	1	1	0
Malaria	1	0	1	0	0	0	0	0
West Nile Virus	0	0	3	0	0	0	0	0

Other Communicable Disease

	2016	2017	2018	2019(YTD)	Sep	Oct	Nov	Dec
Guillain-Barre Syndrome	2	0	0	1	0	1	0	0
Histoplasmosis	4	7	6	2	0	1	0	0
Legionellosis	1	3	2	5	0	0	0	0
Leptospirosis	0	0	0	0	0	0	0	0
Rabies (Animal)	0	0	0	1	1	0	0	0
Group A Strep, invasive	4	3	3	5	1	0	0	1
Tuberculosis Disease	1	2	0	0	0	0	0	0

Viral Hepatitis (Acute and Chronic cases)

	2016	2017	2018	2019 (YTD)	Sep	Oct	Nov	Dec
Hepatitis A	0	1	1	0	0	0	0	0
Hepatitis B	1	5	2	1	1	0	0	0
Hepatitis C	58	77	73	38	2	4	5	2

*Hepatitis C cases reported include new cases AND previously reported cases with new labs

Sexually Transmitted Infections

	2016	2017	2018	2019(YTD)	Sep	Oct	Nov	Dec
HIV	4	0	2	4	0	0	0	0
Syphilis	3	6	3	6	0	0	0	0
Chlamydia	357	431	389	409	36	35	34	35
Gonorrhea	40	63	76	108	11	7	8	10

All numbers include both Probable and Confirmed reported cases. Note: The actual numbers may change as the investigation is completed. *=Human Cases

The data in the monthly summary reports are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made available to local public health departments. The MDSS is a continually active system so counts of diseases are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting case definition. Each monthly surveillance report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the monthly disease reports are not final and should be used only to generally monitor trends over time. Probable and confirmed cases are included in this monthly report.

Flu Activity:

Flu season is officially underway. Each month, during flu season (October-April), we ask that our schools and health care providers track the number of influenza and influenza-like-illnesses on a weekly basis. As of the week ending January 11, 2020, Michigan's influenza activity is widespread. MDHHS has confirmed the first two pediatric influenza-related deaths in Michigan. Nationally, there have been 30 influenza-associated pediatric deaths.

Each year flu vaccination prevents **millions of illnesses and thousands of deaths** due to influenza. CDC estimates the burden of flu averted by vaccination each year to communicate the benefits of this vital vaccine.

More information about influenza and the flu season can be found at www.michigan.gov/flu.

Sexually Transmitted Diseases (STDs) on the Rise in Michigan, U.S.

Cases of Chlamydia, Gonorrhea, and Syphilis reached an all-time high in the U.S. in 2018, according to a recently released CDC report. Allegan County saw an increase in cases of Gonorrhea in 2019. Michigan Department of Health and Human Services (MDHHS) urges regular testing among sexually active individuals to help stop the spread of STDs. More information can be found at www.michigan.gov/hivstd.

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