



Lapeer County
Health Department

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LCHD Communicable Disease Annual Report: 2020

Communicable disease has always been a prime focus of Public Health. In this report we will provide statistical data regarding communicable disease affecting our community, COVID-19 information, and a brief reminder to protect against vector borne illnesses. (pg. 3).

COVID-19

As we are all aware at this point, the COVID-19 pandemic dominated the communicable disease news in 2020. On March 24 we announced the first of what would be many COVID-19 cases in the county. While COVID-19 (caused by the 2019 Novel Coronavirus) can be a mild illness for many, it can be severe for some, especially those who are elderly and/or have pre-existing health conditions.

COVID-19 would prove to be a challenge in many ways, as a pandemic was declared and many measures were put in place to try to contain the virus, including stay-at-home orders, the using of masking and social distancing, and testing availability.

As 2020 drew to a close the first vaccines were becoming available, and plans in the works to offer vaccine to as many as possible in a hopeful attempt to decrease the number of serious illnesses and deaths caused by the virus. By end of 2020 Lapeer County had lost 100 residents to deaths related to COVID-19.

General Selected Diseases	Lapeer County Year End Totals				
	2016	2017	2018	2019	2020
Novel Coronavirus COVID-19	-	-	-	-	4142
Tuberculosis	0	1	0	0	0
Latent Tuberculosis	0	0	3	2	4
Flu Like Disease	1747	2080	2639	2535	1250
Influenza	7	13	23	359	347
Meningitis - Aseptic	5	6	16	3	1
Meningitis - Bacterial Other	0	1	3	4	0
Meningitis - Streptococcus pneumonia, Inv.	4	12	5	5	2
Strep Throat	225	606	599	405	185

**LAPEER COUNTY
SELECTED REPORTABLE DISEASES FOR 2020**

Viral Hepatitis	Year End Totals				
	2016	2017	2018	2019	2020
Hepatitis A	0	6	1	2	2
Hepatitis B, Acute	0	1	2	0	1
Hepatitis B, Chronic	2	3	3	4	1
Hepatitis, Perinatal	0	0	0	0	0
Hepatitis C, Acute	4	0	0	0	1
Hepatitis C, Chronic	56	83	54	47	27
Hepatitis C, Unknown	0	0	0	1	0

Foodborne	Year End Totals				
	2016	2017	2018	2019	2020
Campylobacter	9	11	7	17	10
Cryptosporidiosis	1	3	4	6	5
Giardiasis	2	3	1	0	3
Norovirus	2	41	31	3	0
Salmonellosis	10	11	12	18	6
Shiga toxin-producing Escherichia coli (STEC)	1	2	0	1	3
Shigellosis	4	0	3	1	2

Rabies	Year End Totals				
	2016	2017	2018	2019	2020
Animal Bites	124	100	95	97	66
Rabies, Animals	0	0	1	0	1

Sexually Transmitted Diseases (STDs)	Year End Totals				
	2016	2017	2018	2019	2020
Chlamydia (genital)	141	160	189	168	147
Gonorrhea	13	26	26	32	40
Syphilis - Primary	0	0	0	0	0
Syphilis - Secondary	0	0	2	1	2
Syphilis - Early Latent	1	0	0	0	3
Syphilis - Unknown Duration or Late	0	0	3	1	4

Vaccine Preventable Disease (VPD)	Year End Totals				
	2016	2017	2018	2019	2020
Chickenpox (Varicella)	20	2	6	0	0
Pertussis (Whooping Cough)	3	3	4	0	0
Measles	0	0	0	0	0
H. Influenzae Disease -	1	1	1	2	0

Vector borne illnesses were again in the news in 2020, as aerial spraying was again used to combat mosquito populations. While Lapeer County did not see any Eastern Equine Encephalitis (EEE) cases this year, the first State recorded case of West Nile Virus (WNV) was detected in our county in a captive hawk . It only takes one bite from an infected mosquito to cause a severe illness. We urge everyone to take precautions to protect themselves against diseases that can be spread by mosquitos and ticks. A complete list of suggestions to do just that can be found on the MDHHS and CDC websites.

Resource Information

Communicable Disease Information:

- * **MDHHS** - http://www.michigan.gov/mdhhs/0,5885,7-339-71550_5104---,00.html
- * **CDC** - <https://www.cdc.gov/>

Reliable Vaccine Information:

- * **Children’s Hospital of Philadelphia (CHOP):** vaccine.chop.edu
- * **Immunization Action Coalition** - <http://www.immunize.org/>
- * **American Academy of Pediatrics** - www.aap.org/immunization