

**Eaton County**  
**Monthly Summary of Reportable Diseases**  
**September 2022**

The data in the Monthly Disease Reports are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local public health departments. The MDSS is a dynamic, continually active system; total and year to date (YTD) disease counts are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. Each Monthly Disease 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 Eaton County trends over time. Unknown, suspect, probable, and confirmed cases of the reportable condition are included in the report. An updated report is published each month. Specific data requests and questions should be directed to the following:

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**Barry-Eaton District  
Health Department**

Disease	YTD Cases**			Total Cases in 2021
	2021	2022		
<b>Foodborne</b>				
Campylobacter	9	11	↗	13
Giardiasis	4	-	↘	6
Norovirus	1	1		1
Salmonellosis	12	15	↗	13
Shiga toxin-producing Escherichia coli --(STEC) *	3	3		5
Shigellosis	4	1	↘	4
Yersinia enterocolitica	1	3	↗	1
<b>Foodborne Subtotal</b>	<b>34</b>	<b>35</b>	↗	<b>43</b>
<b>Influenza</b>				
Flu Like Disease*	610	2073	↗	1484
Influenza	2	41	↗	5
<b>Influenza Subtotal</b>	<b>612</b>	<b>2114</b>	↗	<b>1490</b>
<b>COVID19/MIS</b>				
Multisystem Inflammatory Syndrome	-	1	↗	-
Novel Coronavirus COVID-19	7893	14357	↗	15006
<b>COVID19/MIS Subtotal</b>	<b>7893</b>	<b>14358</b>	↗	<b>15006</b>
<b>Meningitis</b>				
Meningitis - Aseptic	4	1	↘	4
Meningitis - Bacterial Other	-	2	↗	-
Streptococcus pneumoniae, Inv	2	10	↗	5
<b>Meningitis Subtotal</b>	<b>6</b>	<b>13</b>	↗	<b>9</b>
<b>Other</b>				
Blastomycosis	-	1	↗	-
Brucellosis	1	-	↘	1
Candida auris	-	1	↗	-
Coccidioidomycosis	-	1	↗	-
Guillain-Barre Syndrome	-	-		1
Histoplasmosis	8	7	↘	9
Legionellosis	2	1	↘	2
Streptococcal Dis, Inv, Grp A	2	2		2
Streptococcal Toxic Shock	1	-	↘	1
Vibriosis-non Cholera *	2	4	↗	2
<b>Other Subtotal</b>	<b>16</b>	<b>17</b>	↗	<b>18</b>
<b>Rabies</b>				
Rabies Animal	-	1	↗	1
Rabies: Potential Exposure & PEP *	27	77	↗	36
<b>Rabies Subtotal</b>	<b>27</b>	<b>78</b>	↗	<b>37</b>

\* Indicates includes historic and current forms in MDSS

\*\* Data for cases reported by month is based on the week the case was referred to the health department

↘ YTD cases in 2022 are less than YTD cases in 2021 as of report date

↗ YTD cases in 2022 are greater than YTD cases in 2021 as of report date

Data as of 10/3/2022

Sexually Transmitted Diseases				
Chlamydia (Genital)	261	229	↘	347
Gonorrhea	126	104	↘	157
Syphilis - Primary, Secondary, Early Latent	5	4	↘	7
Syphilis - Unknown Duration or Late	7	6	↘	8
Syphilis - To Be Determined	419	415	↘	548
<b>STD Subtotal</b>	<b>818</b>	<b>758</b>	↘	<b>1067</b>
Tuberculosis				
Latent Tuberculosis Infection	3	14	↗	8
Nontuberculous Mycobacterium	5	8	↗	10
Tuberculosis	-	1	↗	-
<b>Tuberculosis Subtotal</b>	<b>8</b>	<b>22</b>	↗	<b>18</b>
Vaccine Preventable Diseases				
Chickenpox (Varicella)	3	17	↗	6
H. influenzae Disease - Inv.	-	2	↗	-
Pertussis	1	-	↘	2
Shingles	5	9	↗	5
VZ Infection, Unspecified	-	2	↗	1
<b>VPD Subtotal</b>	<b>9</b>	<b>30</b>	↗	<b>14</b>
Vectorborne				
Lyme Disease	6	16	↗	6
Malaria	-	-		1
<b>Vectorborne Subtotal</b>	<b>6</b>	<b>18</b>	↗	<b>7</b>
Viral Hepatitis				
Hepatitis B, Acute	-	4	↗	-
Hepatitis B, Chronic	4	2	↘	12
Hepatitis C, Acute	1	7	↗	1
Hepatitis C, Chronic	39	24	↘	61
<b>Viral Hepatitis Subtotal</b>	<b>50</b>	<b>55</b>	↗	<b>81</b>
<b>Total</b> (excludes COVID-19/MIS cases)	<b>1586</b>	<b>3140</b>	↗	<b>2784</b>

\* Indicates includes historic and current forms in MDSS

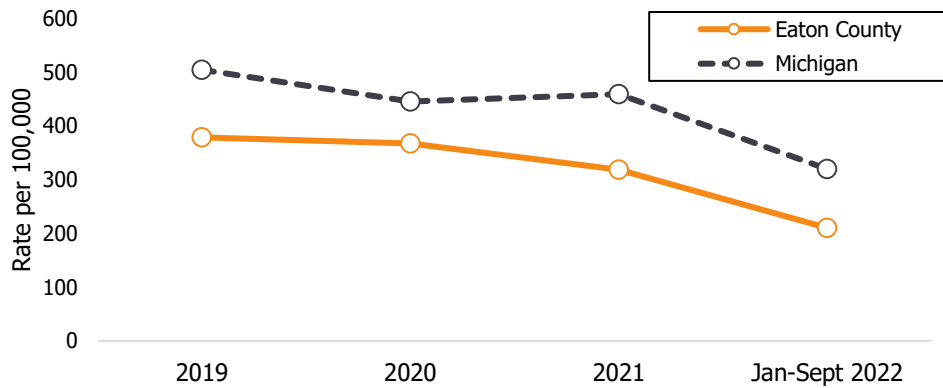
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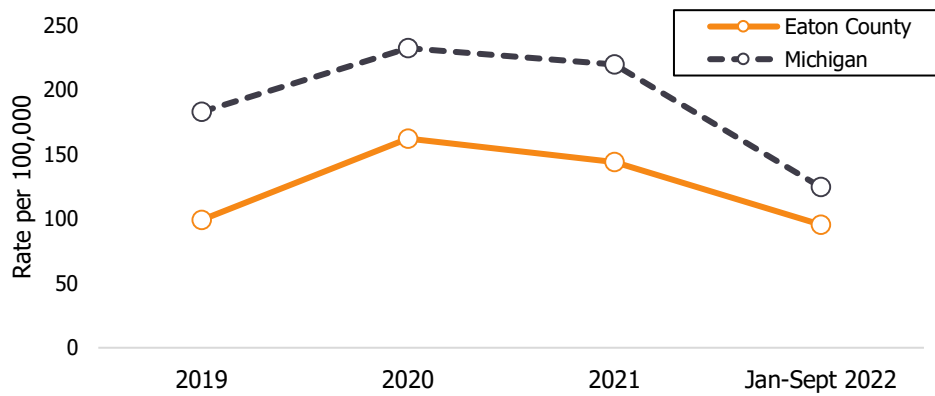
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### Chlamydia (Genital) Cases, 2019-2022



Chlamydia (genital) case rates have consistently been lower in Eaton County than the state of Michigan. Case rates have been steadily declining since 2019 in Eaton County. 2022 year-to-date cases in Eaton county are currently 210 cases per 100,000 which is a 45% decline from 2019.

### Gonorrhea Cases, 2019-2022



After a spike in Gonorrhea cases from 2019 to 2020, cases in Eaton County and Michigan have been steadily declining since 2020. Gonorrhea case rates in Eaton County have remained lower than Michigan case rates for the past 4 years. 2022 year-to-date cases in Eaton county are currently 95 cases per 100,000.

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