miOttawa Department of Public Health

Annual Summary of Reportable Diseases

Ottawa County 2025

Published October 2026

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Executive Summary

The 2025 Annual Summary of Reportable Diseases provides surveillance data on a select list of reportable diseases, some of which pose significant public health risks to Ottawa County (Ottawa) residents. These diseases are caused by microorganisms or their toxins and spread from infected people, animals, or environmental sources—sometimes indirectly through contaminated vectors, insects, or objects.

Effective disease monitoring enables early outbreak detection, guides prevention efforts, and ensures appropriate public health response. This report analyzes trends across multiple disease categories to inform evidence-based decision-making and resource allocation for protecting community health.

Foodborne Illnesses (Enteric Diseases)

Foodborne illnesses (FBIs) are defined as infections typically associated with consumption of contaminated food and sometimes include waterborne illnesses. While cases per 100,000 residents of Shiga toxin-producing E. coli (STEC), shigellosis, and cryptosporidiosis are similar to that of Michigan as a whole, campylobacter and salmonella showed notable differences.

Pre-2020 data suggests Ottawa's **campylobacter** case rate typically exceeded that of the state. While rates were similar between Ottawa and Michigan in 2020 and 2021, these years may reflect COVID-19-related underreporting and the current disparity likely represents a return to the historical pattern. In 2025, Ottawa exceeded Michigan's statewide rate (32.1 vs. 19.4 per 100,000).

Salmonella case rates in Ottawa are not notably increasing but have been consistently above that of Michigan. However, 15 reported cases in April 2025 were likely due to independent international travel. In the absence of this, salmonella case rates may be similar to the state's rate for the first time in five years.

Ottawa County Department of Public Health (OCDPH) regulates safe food practices with all licensed food providers.

Respiratory Diseases

Respiratory diseases are defined in this report as infections primarily affecting the airway and lungs of the infected individuals. Respiratory diseases are often transmitted person-to-person by way of pathogens suspended in air or fallen on surfaces and later inhaled.

Since influenza transmission peaks in the winter months, seasons are more representative of a given time frame than calendar year. The 2024-2025 season was the highest Ottawa experienced in the past five seasons for reported flu-like illness with over 49,000 cases from September 2024 to March 2025.

COVID-19 cases reached their lowest five-year count in 2025 for both Ottawa and Michigan. Contributing factors likely include reduced testing and case reporting, alongside increased population immunity.

Covering your cough, washing your hands with soap and water, and staying home when sick, especially in the winter months, remain best practices for reducing most respiratory illness transmission.

Sexually Transmitted Infections (STI)

Illnesses in this category include those transmitted by sexual contact, however all possible transmission pathways can vary by pathogen. *Practicing safe sex and periodically getting tested for STIs is considered best practice to prevent all these infections. See OCDPH's sexual health web page for more information.*

Chlamydia remained the most frequently reported STI in Ottawa in 2025, though total case counts saw a 38% decrease since 2021 and rates remained well below the state.

Gonorrhea cases also declined substantially from 2021-2025 by nearly 60%. Ottawa's gonorrhea rate (35.4 per 100,000) also remained well below Michigan's statewide rate (107 per 100,000). **Syphilis** cases plateaued in 2025 (21 cases) after rising since 2022 (11 cases), but also remained below statewide per capita rates.

Ottawa's **mpox** rate appears elevated compared to the state, however this rate consists of only three total cases in 2025.

Vaccine Preventable Diseases (VPD)

Vaccine preventable diseases are illnesses that are generally preventable, at least in part, with vaccines.

Over the past five years Ottawa experienced no reported cases of diphtheria, measles, polio, rubella, or tetanus.

Pertussis (whooping cough) showed a substantial increase in cases in 2024 in Ottawa, Michigan, and nationally. The CDC reported a 400% increase in nationwide cases from 2023 to 2024. Pertussis was rarely reported in Ottawa from 2021 through 2023. Cases rose in 2024 seeing 80 cases and another 21 cases in the first quarter of 2025. *Vaccination remains the best way to prevent pertussis.*

There were no reported cases of **mumps** in 2025.

Michigan reported 32 cases of **measles** in 2025, compared to seven cases in 2024 and two cases from 2020-2023. Although Ottawa has not had a measles case reported since 1991, the increased number of cases reported by other local health jurisdictions in Michigan and nationwide through 2025 continue to suggest increasing risk of measles exposure and highlight the necessity of *measles vaccination as the best way to prevent disease*.

Vectorborne Diseases

Vectorborne illnesses involve diseases transmitted from where the pathogen grows (reservoir) to a human (host) via a third party (vector). Common vectors in Ottawa include mosquitoes, ticks, and fleas.

Lyme disease saw its highest ever recorded case count in 2025 in Ottawa (92 cases), aligning with statewide trends. Michigan is now officially considered a high-incidence jurisdiction as of 2026 (three consecutive years above 10 confirmed cases per 100,000 residents). For several years, Ottawa has been considered a county with known risk for Lyme Disease by the Michigan Department of Health and Human Services.

After being in wooded or brushy areas, it's recommended to shower or check yourself and your clothing for ticks to prevent Lyme. Check Ottawa's Public Health website for more tips.

Aside from two West Nile Virus cases, most other vectorborne diseases saw no reported cases for Ottawa in 2025.

Viral Hepatitis

Viral hepatitis is an infection that causes liver inflammation and damage.

Several different viruses cause hepatitis, including hepatitis A, B, C, D, and E. **Chronic hepatitis C** remained the most reported type of viral hepatitis in Ottawa in 2025 (16 cases), although this is a decrease of 54% from 2021. Chronic hepatitis B is the next most reported hepatitis (13 cases) in 2025. Overall, viral hepatitis incidence rates in Ottawa remained below statewide levels.

Annual
Reportable Disease Summary

Data

The data in the annual disease report is expected to be final, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments at the time this report was compiled. The MDSS is a dynamic, continually active system and disease counts can change as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition.

Therefore, it should be kept in mind that numbers in the annual disease report may change and should be used only to generally monitor trends over time. Suspected, probable and confirmed cases of the reportable condition are included in the report. Statewide disease counts may differ from that published elsewhere by the Michigan Department of Health and Human Services (MDHHS) for several reasons including the time frame of data acquisition and differences in data query criteria.

Changes in disease counts from one year to the next can be due to several reasons including: changes in laboratory tests, case definitions, reporting mechanisms, newly added conditions, as well as actual increases or decreases in disease incidence. Changes in healthcare seeking behavior during the COVID-19 pandemic may have also affected the counts of reported diseases especially during the initial phase of the pandemic.

Specific data requests and questions should be directed to:

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		Ottawa County Cases Reported**					Michigan Cases Reported				
Disease Group	**Reportable Condition**	**2021**	**2022**	**2023**	**2024**	**2025**	**2021**	**2022**	**2023**	**2024**	**2025**
Foodborne	Amebiasis	1	-	-	-	**-**	6	11	10	7	**18**
	Botulism - Foodborne	-	-	-	-	**-**	1	-	2	1	**-**
	Campylobacter	58	78	82	86	**96**	1,518	1,510	1,742	1,816	**1,950**
	Cryptosporidiosis	12	19	35	11	**14**	249	335	334	375	**324**
	Giardiasis	17	10	5	10	**14**	439	408	511	568	**453**
	Listeriosis	-	-	-	1	**-**	35	36	34	24	**40**
	Norovirus***	36	13	142	166	**4**	592	1,403	869	1,533	**2,906**
	Salmonellosis	38	45	43	42	**46**	872	856	1,085	1,098	**1,145**
	Shiga toxin-producing Escherichia coli (STEC)	5	31	13	15	**16**	270	418	374	311	**384**
	Shigellosis	2	6	4	9	**7**	171	219	222	301	**231**
	Typhoid Fever	-	-	-	1	**-**	4	15	15	10	**14**
	Yersinia enteritis	2	6	3	12	**7**	88	204	202	256	**215**
	Foodborne Subtotal	171	208	327	353	**204**	4,245	5,415	5,400	6,300	**7,680**
Influenza	Flu Like Disease* ***	20,633	45,611	44,869	53,206	**50,544**	86,081	230,752	218,379	267,611	**339,021**
	Influenza	39	232	70	514	**3,588**	2,883	46,480	28,567	43,049	**87,372**
	Influenza, Novel	-	-	-	-	**-**	-	4	20	4	**1**
	Influenza Subtotal	20,672	45,843	44,939	53,720	**54,132**	88,964	277,236	246,966	310,664	**426,394**
Meningitis	Meningitis - Aseptic	2	6	3	8	**6**	259	293	269	266	**274**
	Meningitis - Bacterial Other	4	4	2	5	**4**	126	149	154	149	**140**
	Meningococcal Disease	-	-	-	1	**-**	5	5	9	15	**7**
	Streptococcus pneumoniae, Inv	15	11	20	23	**15**	523	802	911	906	**917**
	Meningitis Subtotal	21	21	25	37	**25**	913	1,249	1,343	1,336	**1,338**
Other	Acute Flaccid Myelitis (AFM)	-	-	-	-	**-**	1	2	-	-	**1**
	Anthrax	-	-	-	-	**-**	-	-	-	-	**-**
	Blastomycosis	-	-	-	1	**1**	19	34	165	42	**52**
	Botulism - Infant	-	-	-	-	**-**	-	1	2	1	**5**
	Botulism - Other	-	-	-	-	**-**	2	4	-	1	**-**
	Brucellosis	-	-	-	-	**-**	2	4	1	2	**4**
	CP-CRE/CPO	2	5	4	2	**7**	405	549	490	415	**455**
	Candida auris	-	-	-	-	**1**	3	135	435	888	**1,073**
	Cholera	-	-	-	-	**-**	-	-	-	-	**3**
	Coccidioidomycosis	3	2	1	2	**4**	76	55	68	78	**66**
	Creutzfeldt-Jakob Disease	-	-	1	2	**1**	11	18	23	21	**30**
	Cryptococcosis	-	-	1	1	**1**	25	23	31	24	**31**
	Cyclosporiasis	-	-	3	1	**2**	51	57	43	41	**54**
	Encephalitis, Post Chickenpox	-	-	-	-	**-**	-	3	1	2	**2**
	Encephalitis, Post Mumps	-	-	-	-	**-**	-	-	-	-	**-**
	Encephalitis, Post Other	-	1	-	-	**-**	16	16	23	27	**36**
	Encephalitis, Primary	-	-	-	-	**-**	11	8	9	7	**7**
	Gastrointestinal Illness	10,431	17,489	17,744	19,580	**18,485**	45,981	101,478	142,065	141,768	**146,641**
	Guillain-Barre Syndrome	1	4	2	2	**6**	60	76	82	81	**70**
	Hantavirus	-	-	-	-	**-**	-	-	-	-	**-**
	Hantavirus, Other	-	-	-	-	**-**	-	-	-	-	**-**
	Hantavirus, Pulmonary	-	-	-	-	**-**	1	-	-	-	**-**
	Hemolytic Uremic Syndrome	-	3	-	-	**-**	3	16	8	1	**1**
	Hemorrhagic Fever	-	-	-	-	**-**	-	-	-	-	**-**
	Histoplasmosis	22	29	23	19	**24**	276	356	278	272	**338**
	Kawasaki	-	-	2	4	**1**	44	55	60	41	**53**
	Legionellosis	8	6	6	5	**9**	583	371	430	418	**353**
	Leprosy	-	-	-	1	**-**	1	2	1	1	**-**
	Leptospirosis	-	-	-	-	**-**	1	2	5	5	**3**
	Melioidosis	-	-	-	-	**-**	-	-	-	1	**1**
	Mpox ˚˚˚	-	7	-	1	**3**	-	451	4	21	**23**
	Multisystem Inflammatory Syndrome ˚˚	4	5	-	-	**-**	174	76	8	4	**3**
	Novel Coronavirus COVID-19 ˚˚	44,778	35,397	6,343	3,744	**2,101**	1,361,138	1,356,938	308,243	187,986	**98,692**
	Plague	-	-	-	-	**-**	-	-	-	-	**-**
	Psittacosis	-	-	-	-	**-**	2	3	-	2	**2**
	Q Fever Acute	-	-	-	-	**-**	4	3	13	1	**-**
	Q Fever Chronic	-	-	-	-	**-**	-	2	1	2	**-**
	Rabies Animal	3	3	-	3	**2**	48	49	48	42	**44**
	Rabies Human	-	-	-	-	**-**	-	-	-	-	**1**
	Reye Syndrome	-	-	-	-	**-**	-	-	-	-	**-**
	Rheumatic Fever	-	-	-	-	**-**	-	2	-	2	**1**
	Rubella - Congenital	-	-	-	-	**-**	-	-	-	-	**-**
	Streptococcus pneumoniae, Drug Resistant	-	2	8	2	**1**	40	60	80	57	**70**
	Streptococcal Dis, Inv, Grp A	3	7	15	24	**19**	258	387	977	792	**694**
	Streptococcal Toxic Shock	-	1	2	-	**-**	2	4	15	11	**5**

		Ottawa County Cases Reported**					Michigan Cases Reported				
Disease Group	**Reportable Condition**	**2021**	**2022**	**2023**	**2024**	**2025**	**2021**	**2022**	**2023**	**2024**	**2025**
Other	Toxic Shock	-	1	-	-	**-**	5	2	6	5	**4**
	Trachoma	-	-	-	-	**-**	1	-	1	-	**-**
	Trichinosis	-	-	-	-	**-**	-	-	-	1	**3**
	Tularemia	-	-	-	-	**-**	1	4	4	2	**2**
	Vibriosis - Non Cholera	2	2	1	2	**2**	35	45	29	46	**41**
	VISA	-	-	-	-	**-**	4	3	2	3	**6**
	VRSA	-	-	-	-	**-**	1	-	1	-	**-**
	Other Subtotal	55,257	52,964	24,156	23,396	**20,670**	1,409,285	1,461,294	453,652	333,114	**248,870**
STD	Chancroid	-	-	-	-	**-**	2	-	1	-	**1**
	Chlamydia (Genital)	1,010	770	721	712	**625**	46,395	42,839	42,894	38,573	**35,265**
	Gonorrhea	259	151	168	132	**106**	22,208	16,366	15,251	13,598	**10,801**
	Granuloma Inguinale	-	-	-	-	**-**	-	-	-	-	**-**
	Lymphogranuloma venereum	-	-	-	-	**-**	3	2	-	1	**1**
	Syphilis - Primary, Secondary & Early Latent	14	11	15	21	**21**	1,712	1,720	1,720	1,469	**1,372**
	All Syphilis	27	24	27	43	**37**	2,679	2,828	3,078	2,926	**2,884**
	STD Subtotal	1,296	945	916	887	**768**	71,287	62,035	61,224	55,098	**48,952**
Tuberculosis	Latent Tuberculosis Infection	62	60	92	93	**96**	1,483	1,871	2,344	2,627	**2,532**
	Nontuberculous Mycobacterium	12	22	11	24	**23**	769	828	770	905	**1,085**
	Tuberculosis	1	1	3	2	**4**	137	137	152	137	**135**
	Tuberculosis Subtotal	75	83	106	119	**123**	2,389	2,836	3,266	3,669	**3,752**
VPD	Chickenpox (Varicella)	22	8	22	19	**19**	183	232	363	293	**287**
	Diphtheria	-	-	-	-	**-**	-	-	-	-	**3**
	H. influenzae Disease - Inv. ł	4	7	3	6	**10**	168	252	257	269	**273**
	Measles	-	-	-	-	**-**	1	1	-	7	**32**
	Mumps	-	-	2	1	**-**	11	29	33	31	**29**
	Pertussis	-	1	1	80	**37**	75	86	110	2,074	**1,021**
	Polio	-	-	-	-	**-**	-	-	-	-	**4**
	Rubella	-	-	-	-	**-**	6	13	8	8	**-**
	Shingles	15	41	57	64	**101**	629	760	1,436	1,746	**2,074**
	Tetanus	-	-	-	-	**-**	1	1	1	-	**-**
	VZ Infection, Unspecified	4	1	2	4	**1**	384	376	274	248	**255**
	VPD Subtotal	45	58	87	174	**168**	1,458	1,750	2,482	4,676	**3,978**
Vectorborne	Babesiosis	-	-	-	-	**-**	8	13	21	30	**27**
	Chikungunya	-	-	-	-	**-**	1	2	1	2	**1**
	Dengue Fever	-	-	2	1	**-**	5	17	25	46	**16**
	Ehrlichiosis*	-	-	-	-	**-**	-	-	-	-	**-**
	Encephalitis, California Serogroup	-	-	-	-	**-**	9	4	7	7	**11**
	Encephalitis, Eastern Equine	-	-	-	-	**-**	1	-	-	-	**-**
	Encephalitis, Powassan	-	-	-	-	**-**	-	-	-	1	**-**
	Encephalitis, St. Louis	-	-	-	-	**-**	1	-	-	-	**-**
	Encephalitis, Western Equine	-	-	-	-	**-**	-	-	-	-	**-**
	Lyme Disease	29	25	60	45	**92**	1,274	1,116	2,220	1,970	**3,373**
	Malaria	-	1	1	1	**-**	14	44	37	38	**20**
	Rickettsial Disease - Spotted Fever	-	1	-	-	**-**	12	16	8	6	**6**
	Rickettsial Disease - Typhus	-	-	-	-	**-**	-	-	1	2	**-**
	West Nile Virus	-	-	2	-	**2**	59	16	26	34	**61**
	Yellow Fever	-	-	-	-	**-**	-	-	-	-	**-**
	Zika	-	-	-	-	**-**	-	-	-	-	1
	Vectorborne Subtotal	29	27	65	47	**94**	1,380	1,213	2,322	2,092	**3,501**
Viral Hepatitis	Hepatitis A	1	-	-	-	**1**	31	31	26	28	**80**
	Hepatitis B, Acute	-	-	-	1	**-**	35	33	43	55	**65**
	Hepatitis B, Chronic	10	10	13	14	**13**	625	580	856	823	**691**
	Hepatitis B, Perinatal	-	-	-	-	**-**	-	-	-	-	**-**
	Hepatitis C, Acute˚	-	-	-	2	**-**	125	102	72	74	**57**
	Hepatitis C, Chronic˚	35	31	19	25	**16**	3,732	2,965	2,491	2,341	**1,771**
	Hepatitis C, Perinatal	-	1	-	-	**-**	9	7	8	4	**5**
	Hepatitis C, Unknown*	-	-	-	-	**-**	-	4	-	-	**-**
	Hepatitis D	-	1	-	-	**-**	8	7	1	2	**10**
	Hepatitis E	-	-	-	-	**-**	11	10	8	4	**1**
	Viral Hepatitis Subtotal	46	43	32	42	**30**	4,576	3,739	3,505	3,331	**2,680**
	Total	77,612	100,192	70,653	78,775	**76,214**	1,584,501	1,816,782	780,184	720,324	**747,160**

* Indicates disease no longer reported into the MDSS on an individual cases basis.

** Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

*** The Ottawa County Department Of Public Health began reporting aggregate counts of these diseases to the MDSS in 2015.

ł All serotypes of invasive H. influenzae (Hi) disease are included, though only H. influenzae serotype b disease (Hib) is vaccine-preventable.

˚ Indicates a change in the case definition for 2020, which may affect the number of confirmed and probable cases.

˚˚ Indicates disease first reported in MDSS in 2020.

˚˚˚ Indicates disease first reported in MDSS in 2022.

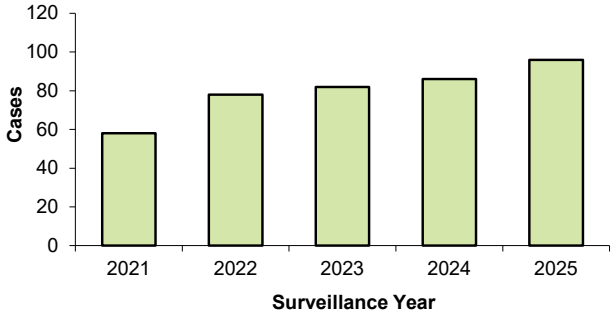
Annual
Reportable Disease Summary

Charts

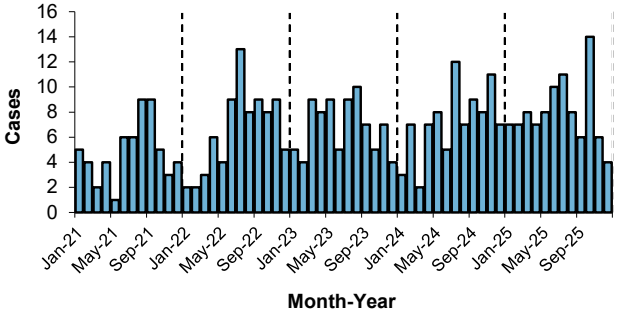
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Foodborne Illness:

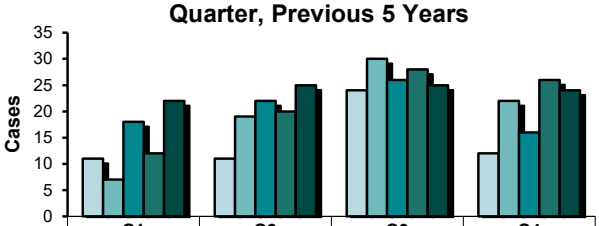
Campylobacter Cases in Ottawa County Previous 5 Years



Campylobacter Cases in Ottawa County by Month, Previous 5 Years

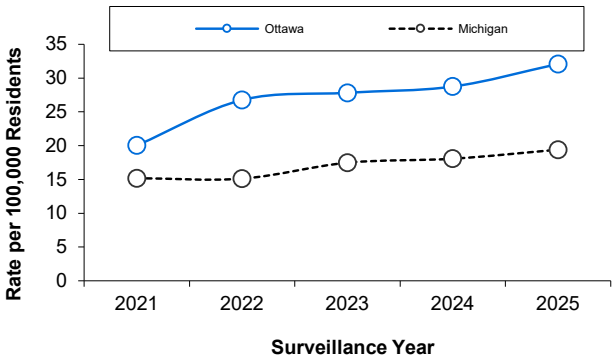


Campylobacter Cases in Ottawa County by Quarter, Previous 5 Years

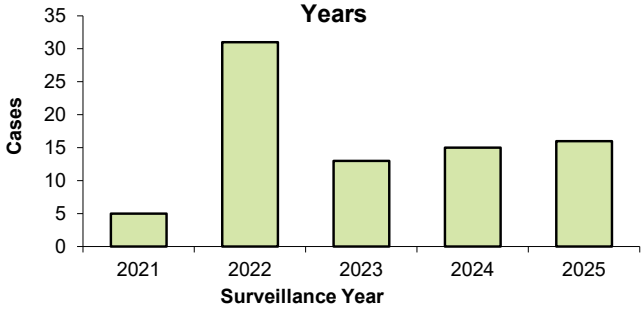


	Q1	Q2	Q3	Q4
2021	11	11	24	12
2022	7	19	30	22
2023	18	22	26	16
2024	12	20	28	26
2025	22	25	25	24

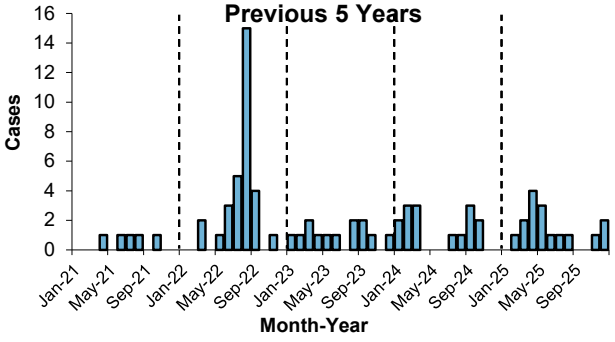
Campylobacter Cases per 100,000



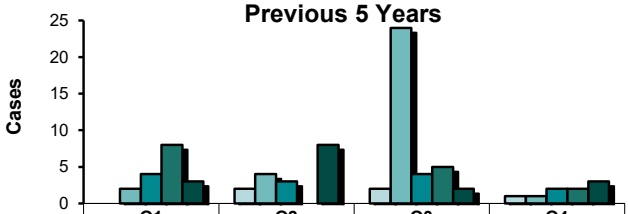
Shiga toxin-producing *Escherichia coli* (STEC) Cases in Ottawa County, Previous 5 Years



Shiga toxin-producing *Escherichia coli* (STEC) Cases in Ottawa County by Month, Previous 5 Years

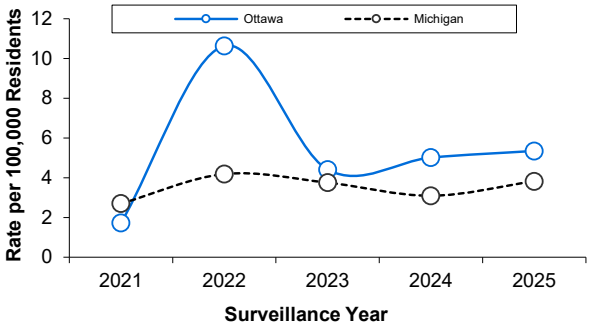


Shiga toxin-producing *Escherichia coli* (STEC) Cases in Ottawa County by Quarter, Previous 5 Years



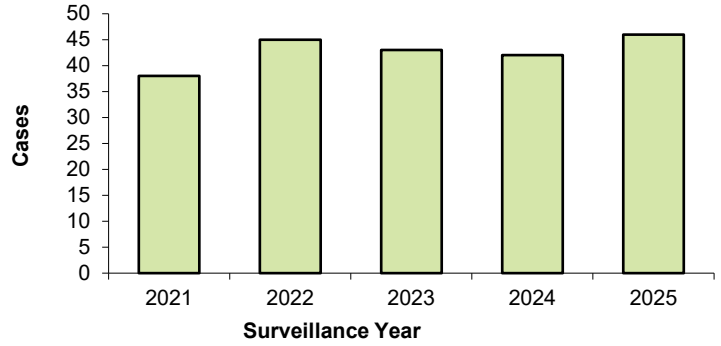
	Q1	Q2	Q3	Q4
2021	0	2	2	1
2022	2	4	24	1
2023	4	3	4	2
2024	8	0	5	2
2025	3	8	2	3

Shiga toxin-producing *Escherichia coli* (STEC) Cases per 100,000

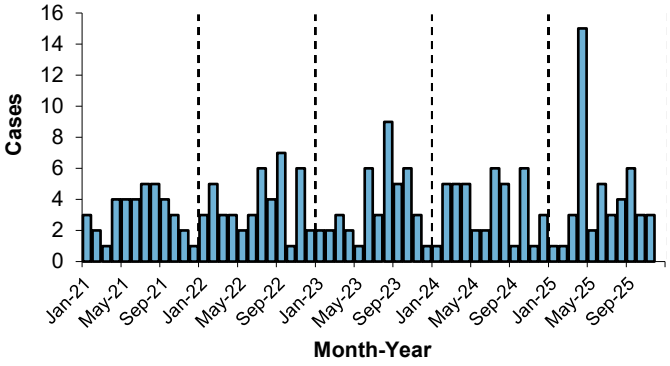


Foodborne Illness:

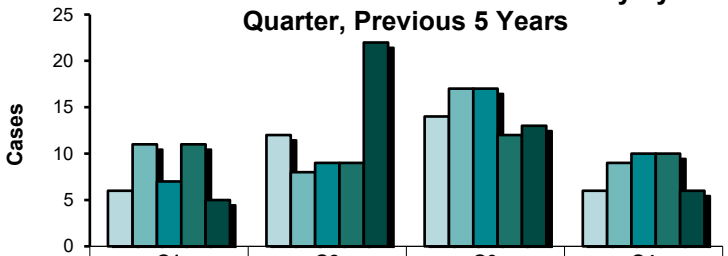
Salmonellosis Cases in Ottawa County Previous 5 Years



Salmonellosis Cases in Ottawa County by Month Previous 5 Years

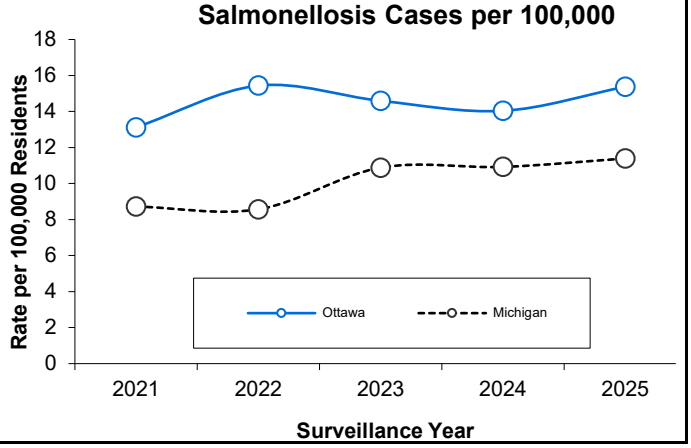


Salmonellosis Cases in Ottawa County by Quarter, Previous 5 Years

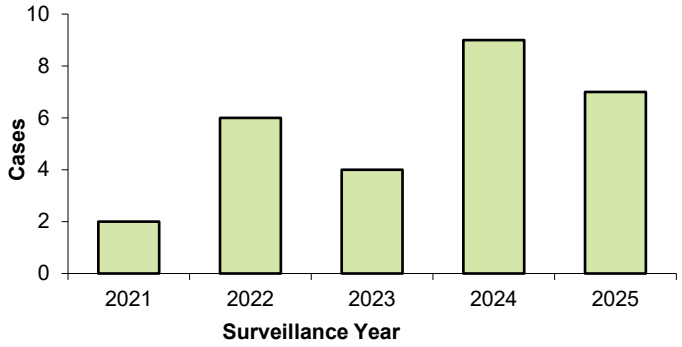


	Q1	Q2	Q3	Q4
2021	6	12	14	6
2022	11	8	17	9
2023	7	9	17	10
2024	11	9	12	10
2025	5	22	13	6

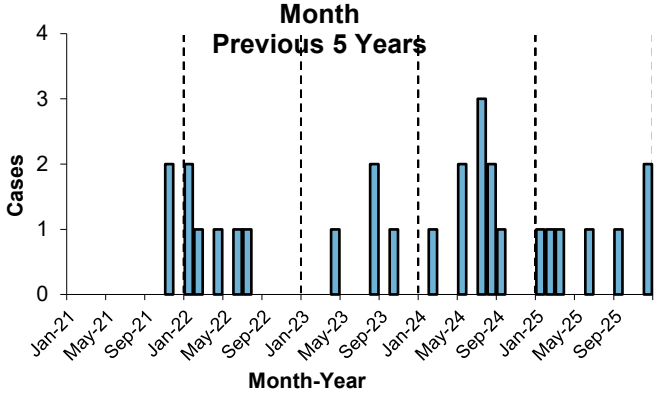
Salmonellosis Cases per 100,000



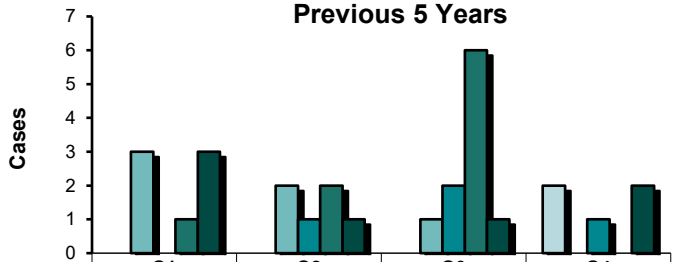
Shigellosis Cases in Ottawa County Previous 5 Years



Shigellosis Cases in Ottawa County by Month Previous 5 Years

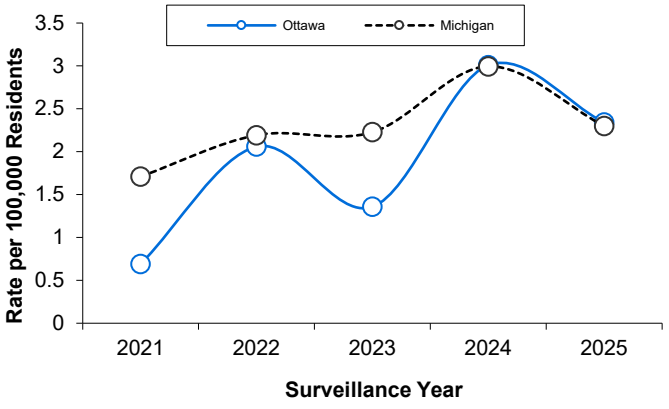


Shigellosis Cases in Ottawa County by Quarter Previous 5 Years



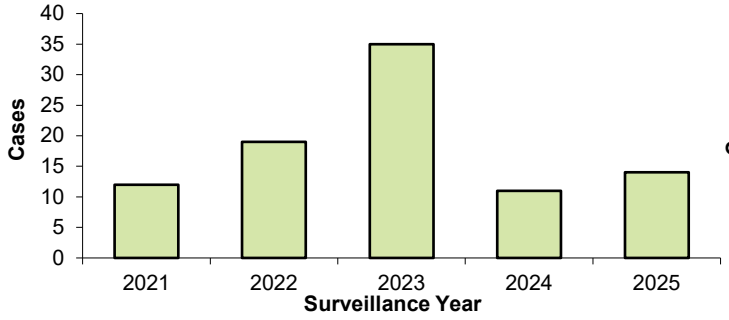
	Q1	Q2	Q3	Q4
2021	0	0	0	2
2022	3	2	1	0
2023	0	1	2	1
2024	1	2	6	0
2025	3	1	1	2

Shigellosis Cases per 100,000

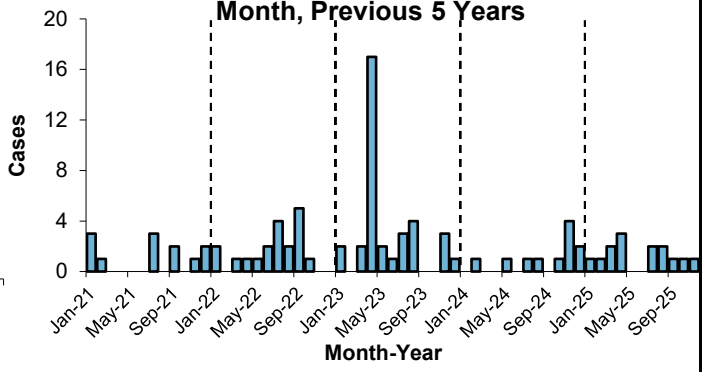


Foodborne Illness:

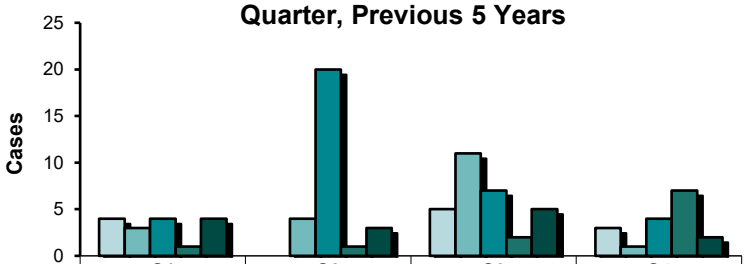
Cryptosporidiosis Cases in Ottawa County, Previous 5 Years



Cryptosporidiosis Cases in Ottawa County by Month, Previous 5 Years

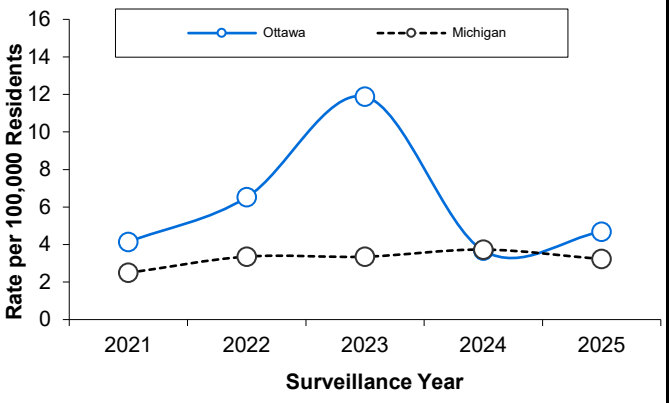


Cryptosporidiosis Cases in Ottawa County by Quarter, Previous 5 Years

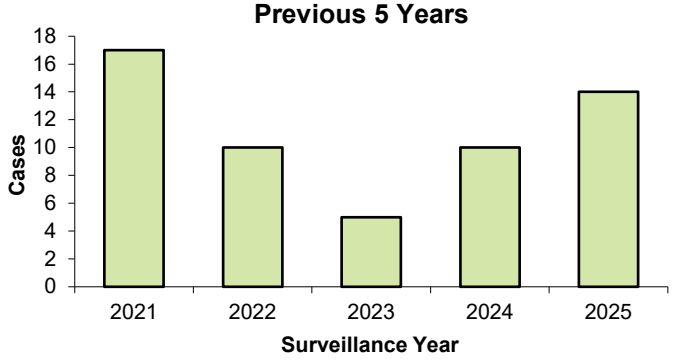


	Q1	Q2	Q3	Q4
2021	4	0	5	3
2022	3	4	11	1
2023	4	20	7	4
2024	1	1	2	7
2025	4	3	5	2

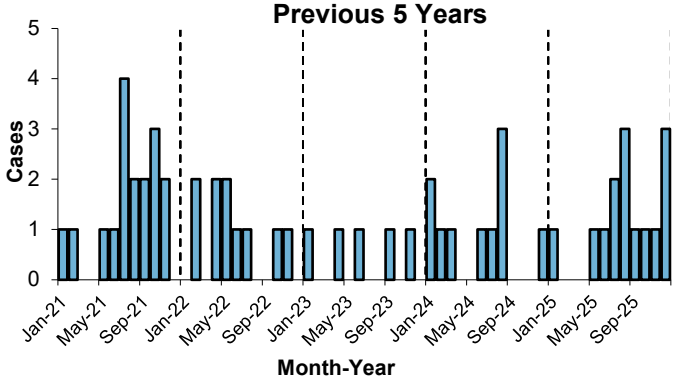
Cryptosporidiosis Cases per 100,000



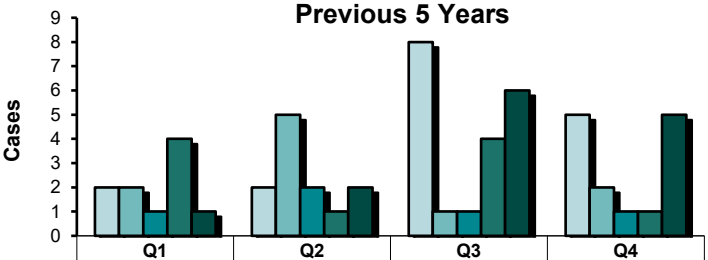
Giardia Cases in Ottawa County Previous 5 Years



Giardia Cases in Ottawa County by Month Previous 5 Years

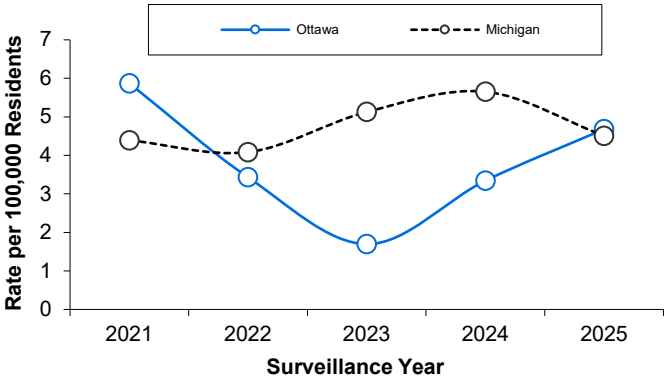


Giardia Cases in Ottawa County by Quarter, Previous 5 Years



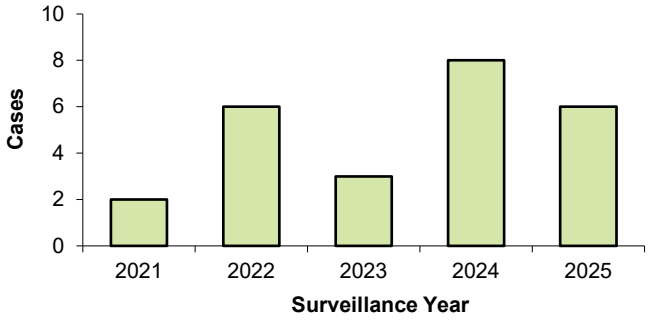
	Q1	Q2	Q3	Q4
2021	2	2	8	5
2022	2	5	1	2
2023	1	2	1	1
2024	4	1	4	1
2025	1	2	6	5

Giardia Cases per 100,000

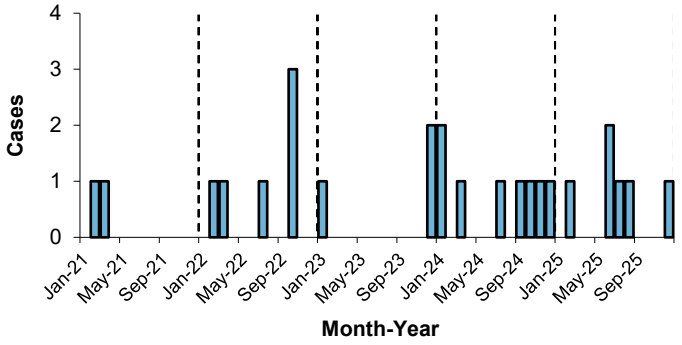


Meningitis:

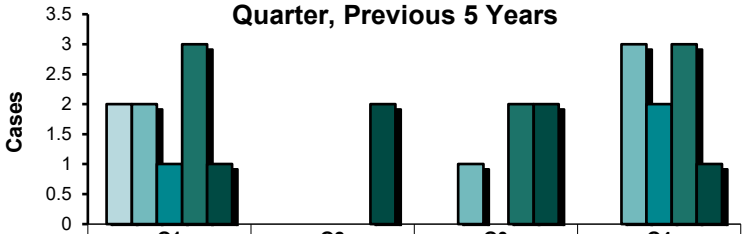
Aseptic Meningitis Cases in Ottawa County, Previous 5 Years



Aseptic Meningitis Cases in Ottawa County by Month, Previous 5 Years

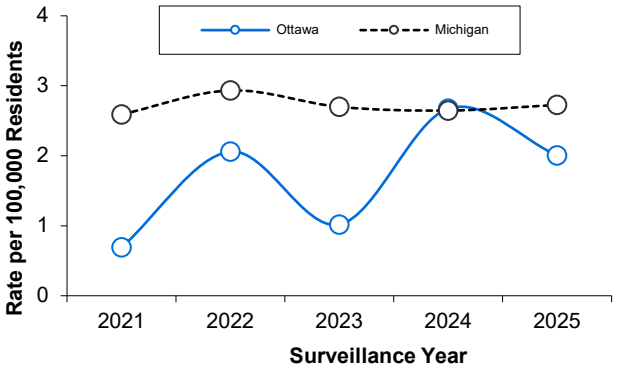


Aseptic Meningitis Cases in Ottawa County by Quarter, Previous 5 Years

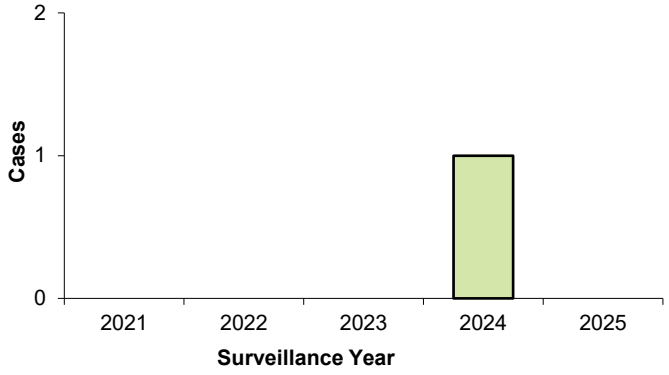


	Q1	Q2	Q3	Q4
2021	2	0	0	0
2022	2	0	1	3
2023	1	0	0	2
2024	3	0	2	3
2025	1	2	2	1

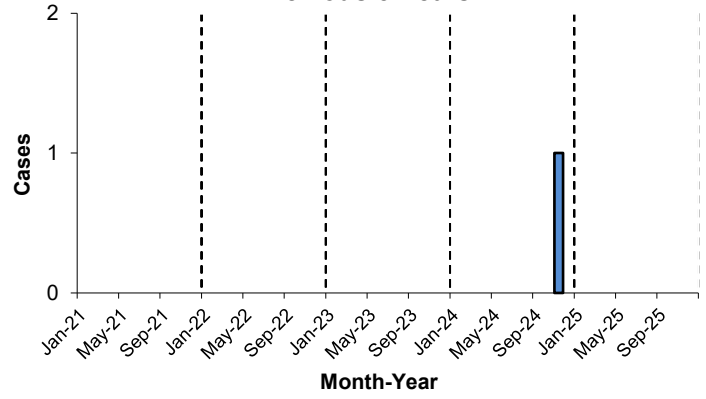
Aseptic Meningitis Cases per 100,000



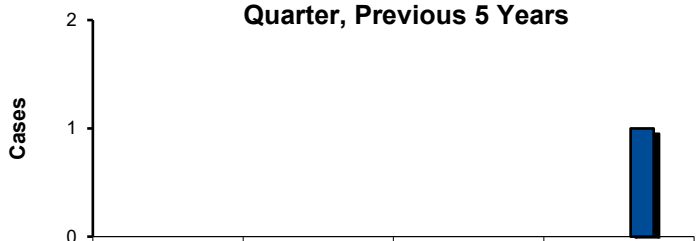
N. meningitidis Cases in Ottawa County Previous 5 Years



N. meningitidis Cases in Ottawa County by Month Previous 5 Years

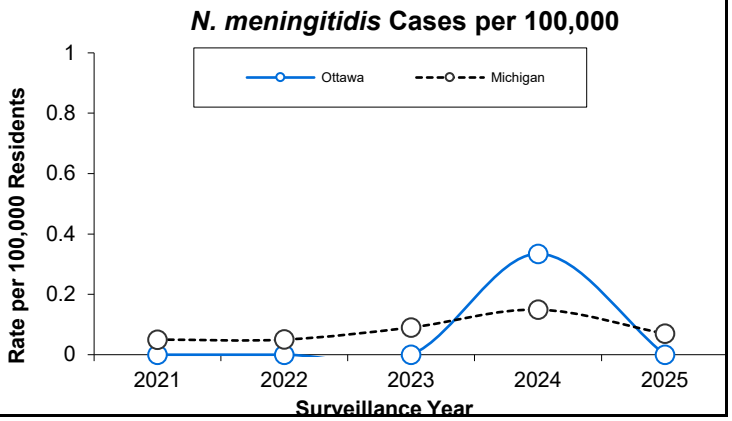


N. meningitidis Cases in Ottawa County by Quarter, Previous 5 Years



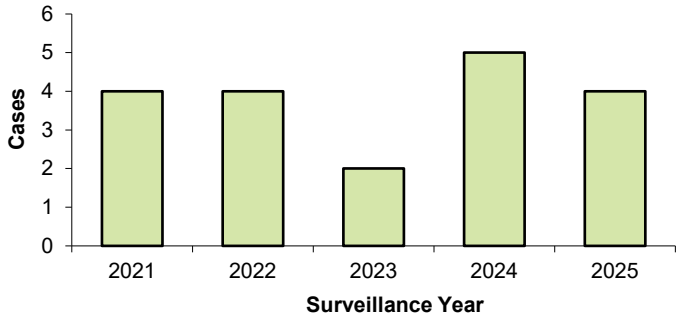
	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	1
2025	0	0	0	0

N. meningitidis Cases per 100,000

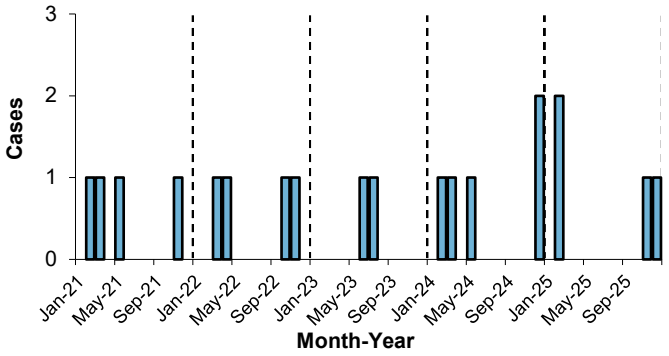


Meningitis:

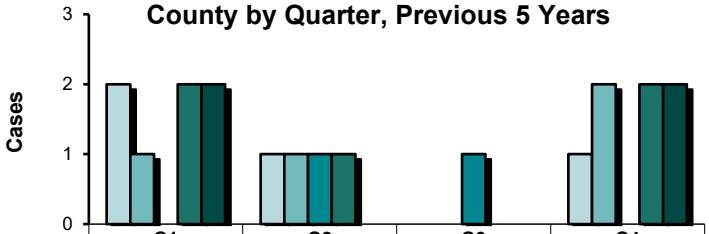
Meningitis (Other Bacterial) Cases in Ottawa County, Previous 5 Years



Meningitis (Other Bacterial) Cases in Ottawa County by Month, Previous 5 Years

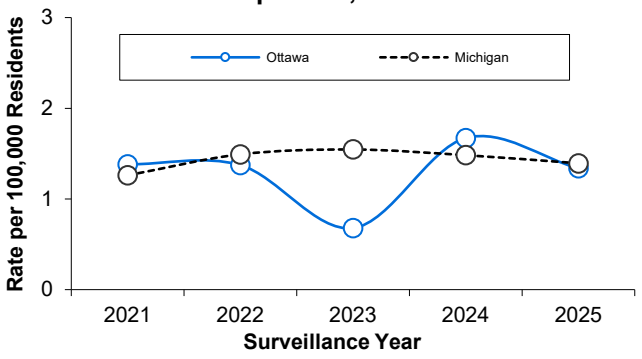


Meningitis (Other Bacterial) Cases in Ottawa County by Quarter, Previous 5 Years

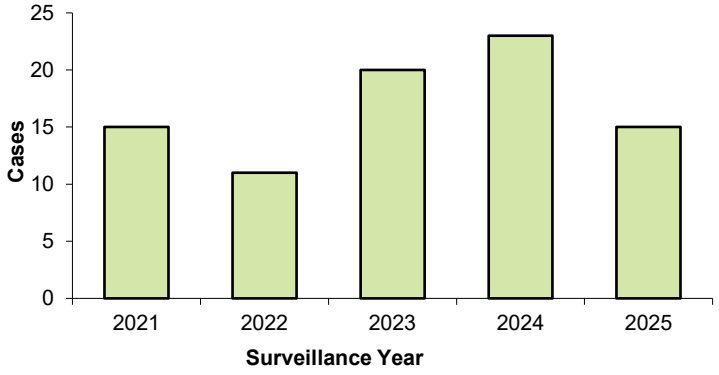


	Q1	Q2	Q3	Q4
2021	2	1	0	1
2022	1	1	0	2
2023	0	1	1	0
2024	2	1	0	2
2025	2	0	0	2

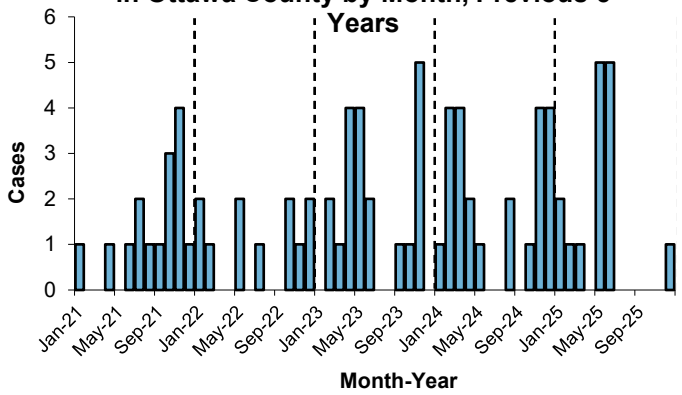
Meningitis (Other Bacterial) Cases per 100,000



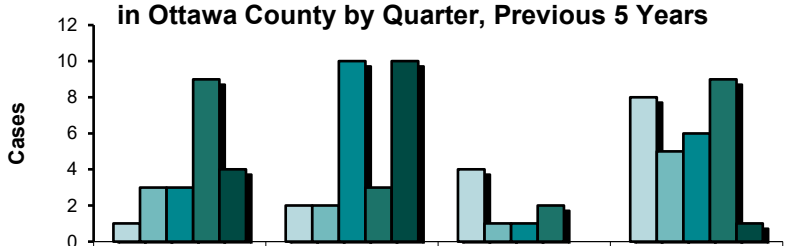
Invasive *Streptococcus pneumoniae* Cases in Ottawa County, Previous 5 Years



Invasive *Streptococcus pneumoniae* Cases in Ottawa County by Month, Previous 5 Years

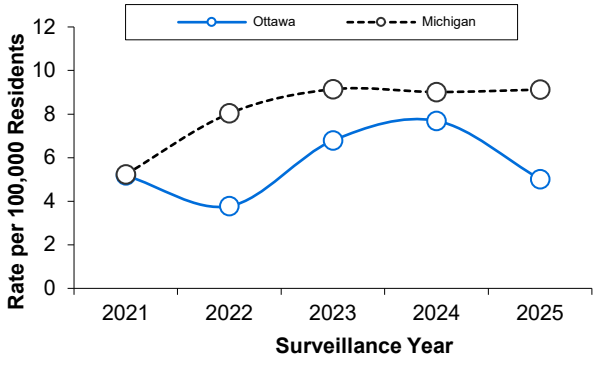


Invasive *Streptococcus pneumoniae* Cases in Ottawa County by Quarter, Previous 5 Years



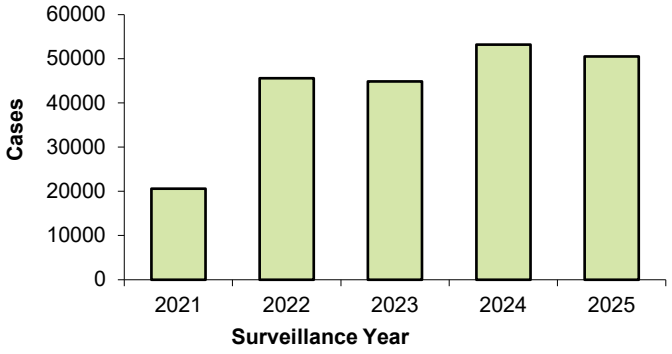
	Q1	Q2	Q3	Q4
2021	1	2	4	8
2022	3	2	1	5
2023	3	10	1	6
2024	9	3	2	9
2025	4	10	0	1

Invasive *Streptococcus pneumoniae* Cases

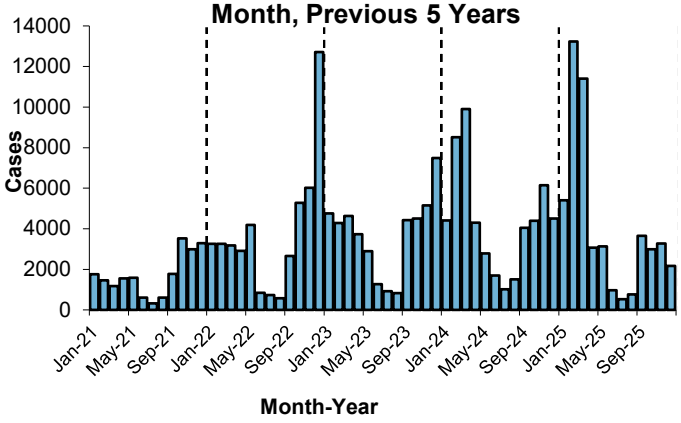


Influenza and COVID-19:

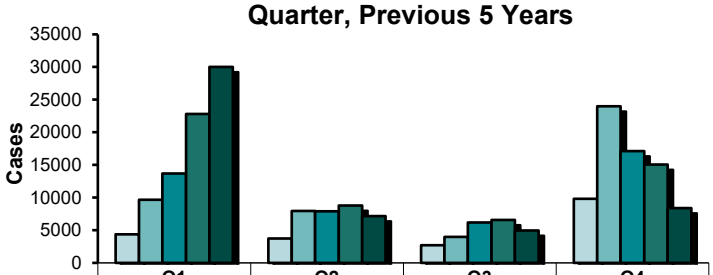
Flu-Like Disease Cases in Ottawa County Previous 5 Years



Flu-Like Disease Cases in Ottawa County by Month, Previous 5 Years

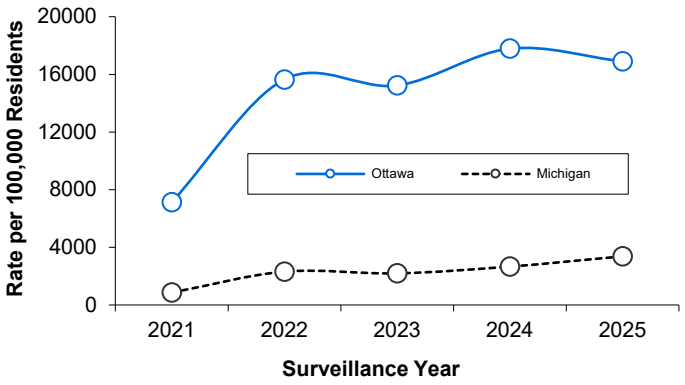


Flu-Like Disease Cases in Ottawa County by Quarter, Previous 5 Years

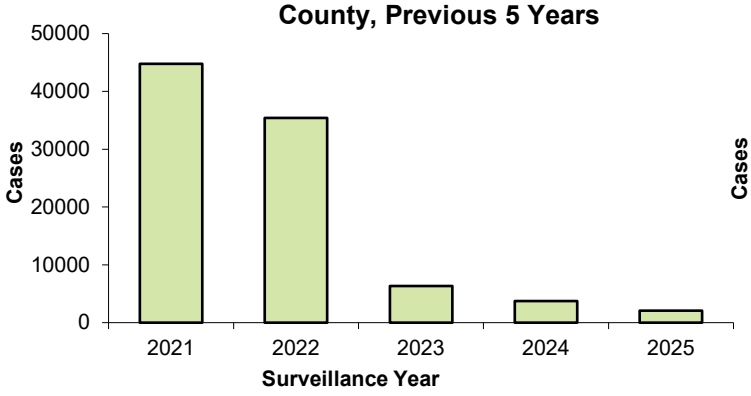


	Q1	Q2	Q3	Q4
2021	4381	3744	2699	9809
2022	9687	7950	3974	24000
2023	13674	7892	6170	17133
2024	22825	8774	6564	15043
2025	30025	7157	4944	8418

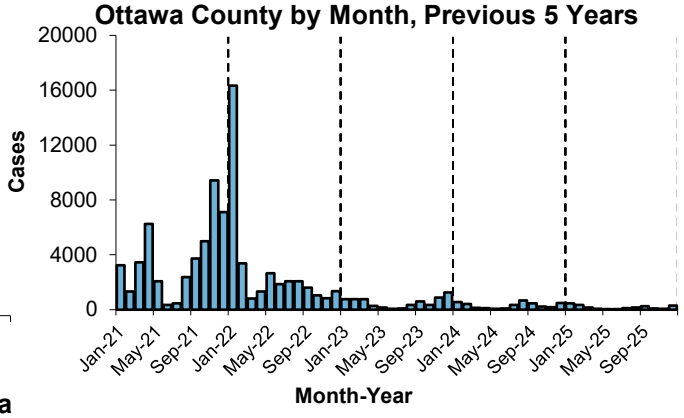
Flu-Like Disease Cases per 100,000



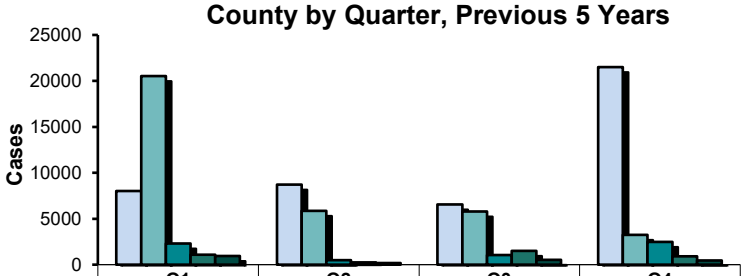
Novel Coronavirus (COVID-19) Cases in Ottawa County, Previous 5 Years



Novel Coronavirus (COVID-19) Cases in Ottawa County by Month, Previous 5 Years

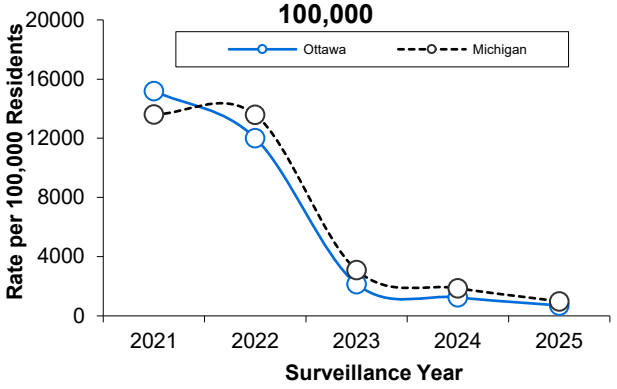


Novel Coronavirus (COVID-19) Cases in Ottawa County by Quarter, Previous 5 Years

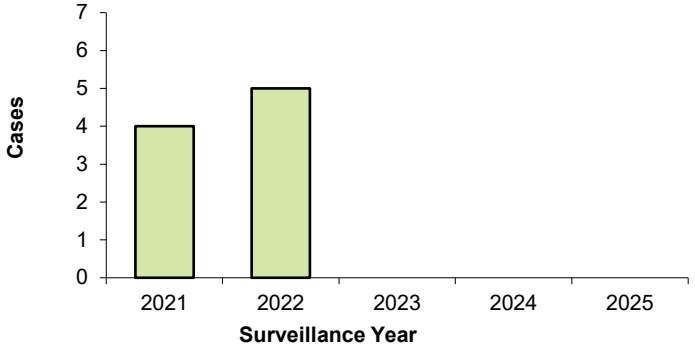


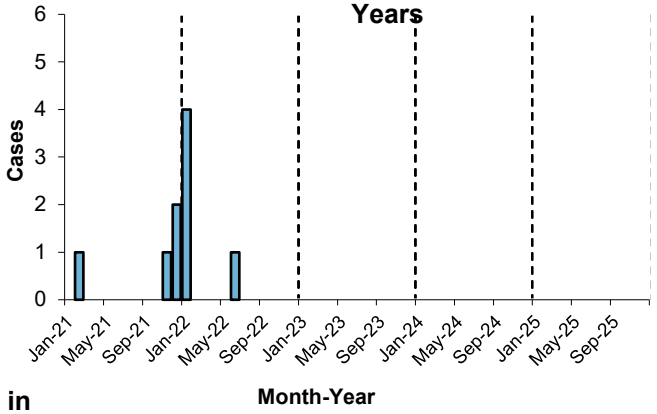
	Q1	Q2	Q3	Q4
2021	8002	8700	6560	21516
2022	20533	5860	5778	3226
2023	2311	494	1049	2489
2024	1086	255	1488	915
2025	958	173	522	448

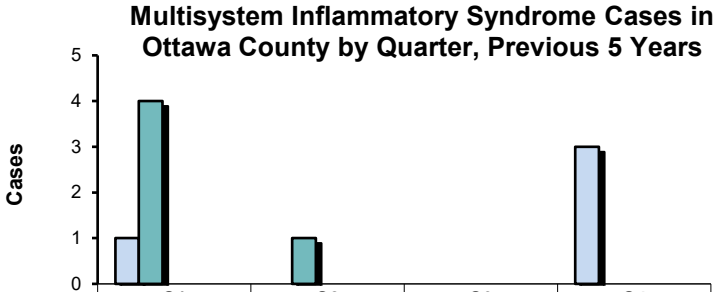
Novel Coronavirus (COVID-19) Cases per 100,000



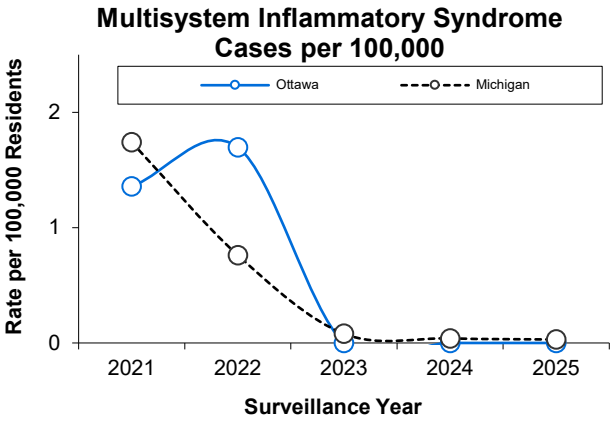
Multisystem Inflammatory Syndrome:





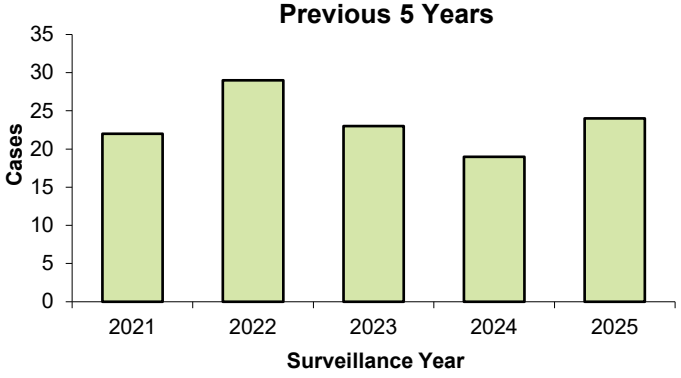


	Q1	Q2	Q3	Q4
2021	1	0	0	3
2022	4	1	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	0	0	0	0

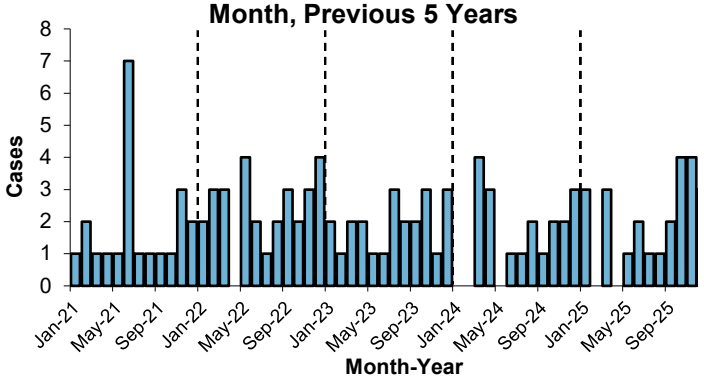


Other Illnesses:

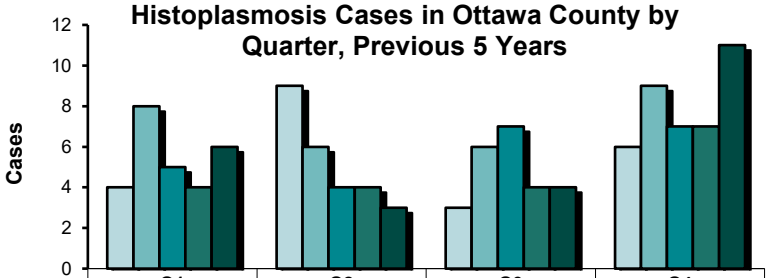
Histoplasmosis Cases in Ottawa County Previous 5 Years



Histoplasmosis Cases in Ottawa County by Month, Previous 5 Years

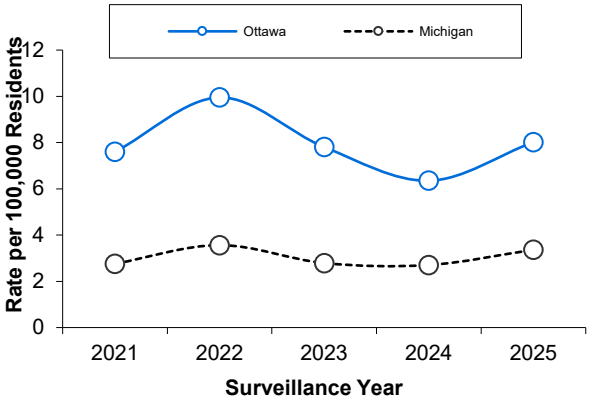


Histoplasmosis Cases in Ottawa County by Quarter, Previous 5 Years

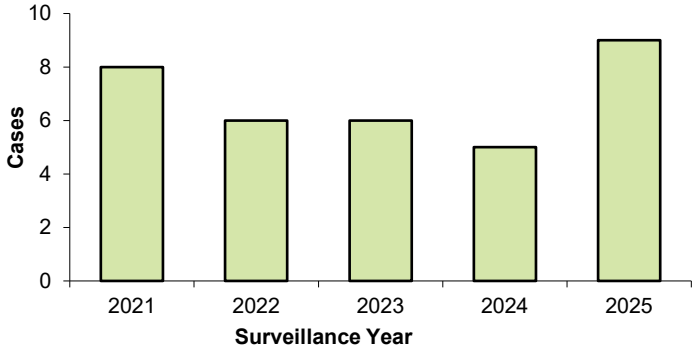


	Q1	Q2	Q3	Q4
2021	4	9	3	6
2022	8	6	6	9
2023	5	4	7	7
2024	4	4	4	7
2025	6	3	4	11

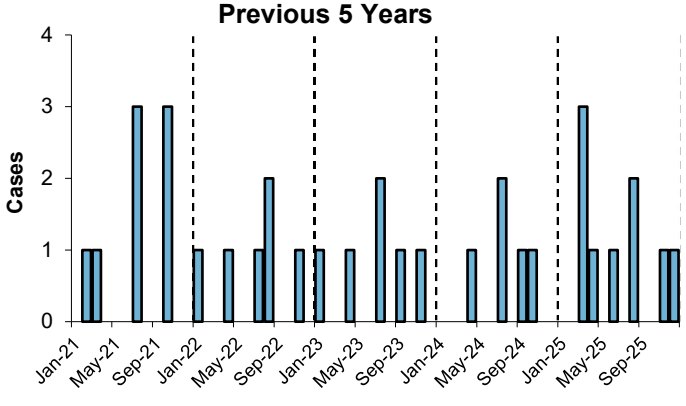
Histoplasmosis Cases per 100,000



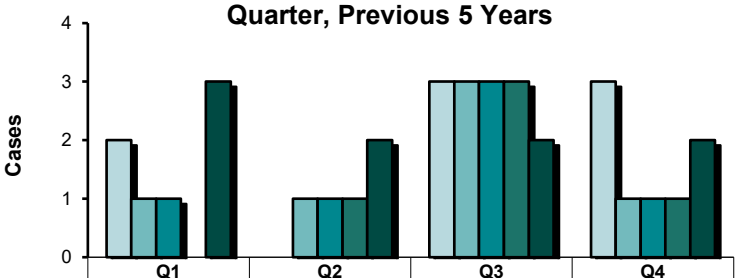
Legionellosis Cases in Ottawa County Previous 5 Years



Legionellosis Cases in Ottawa County by Month Previous 5 Years

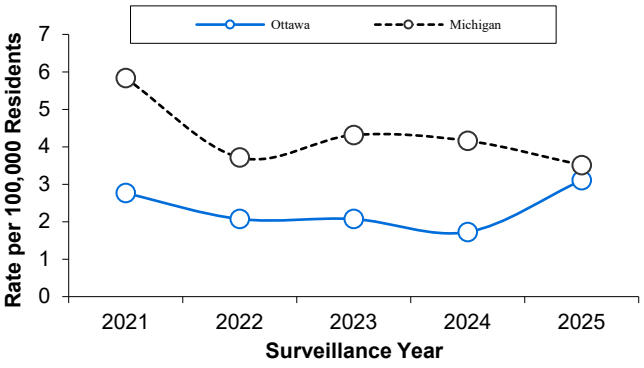


Legionellosis Cases in Ottawa County by Quarter, Previous 5 Years



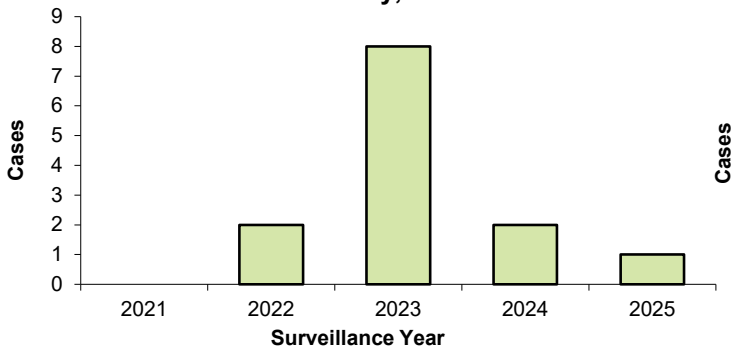
	Q1	Q2	Q3	Q4
2021	2	0	3	3
2022	1	1	3	1
2023	1	1	3	1
2024	0	1	3	1

Legionellosis Cases per 100,000

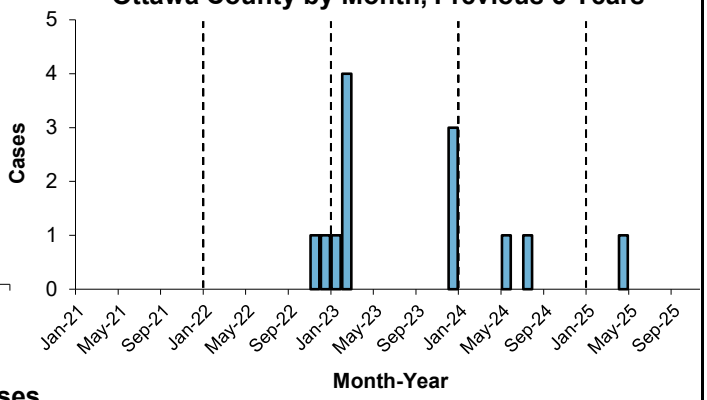


Other Illnesses:

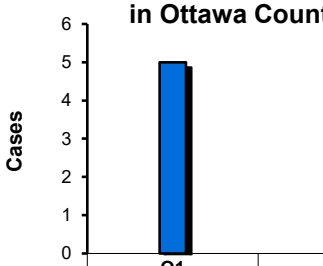
Drug Resistant *Streptococcus pneumoniae* Cases in Ottawa County, Previous 5 Years



Drug Resistant *Streptococcus pneumoniae* Cases in Ottawa County by Month, Previous 5 Years

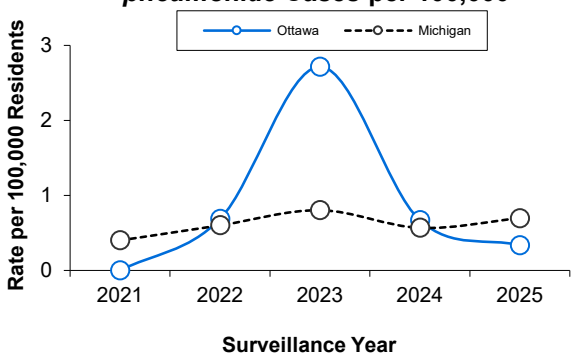


Drug Resistant *Streptococcus pneumoniae* Cases in Ottawa County by Quarter, Previous 5 Years

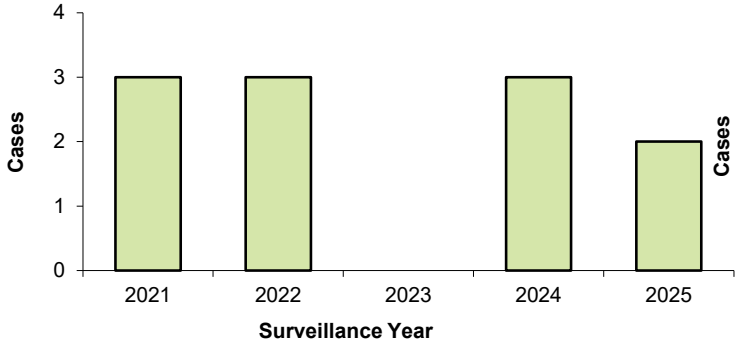


	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	2
2023	5	0	0	3
2024	0	1	1	0
2025	0	1	0	0

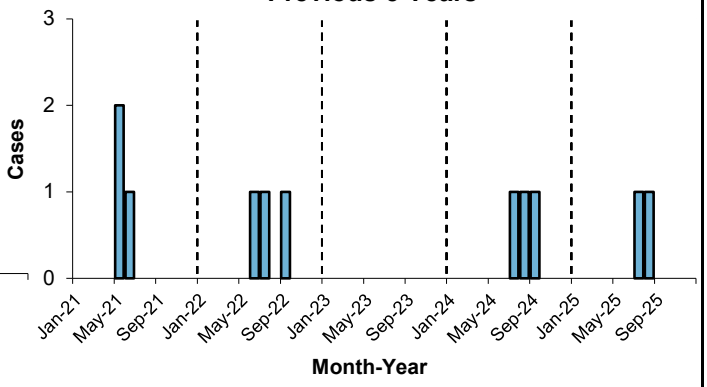
Drug Resistant *Streptococcus pneumoniae* Cases per 100,000



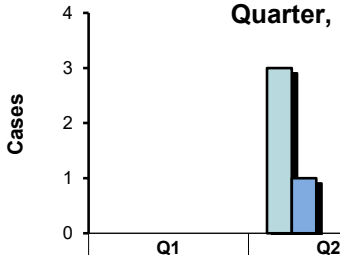
Animal Rabies Cases in Ottawa County, Previous 5 Years



Animal Rabies Cases in Ottawa County by Month, Previous 5 Years

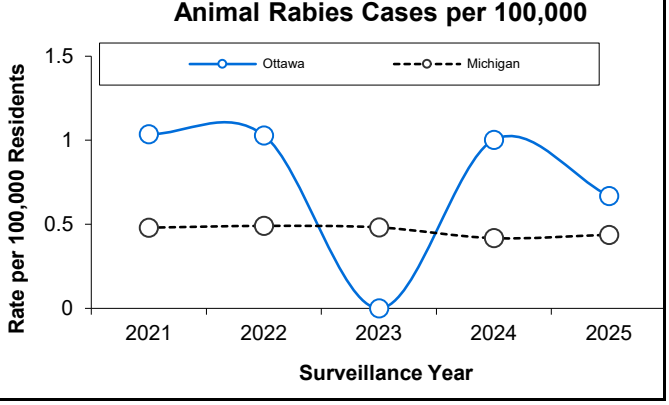


Animal Rabies Cases in Ottawa County by Quarter, Previous 5 Years

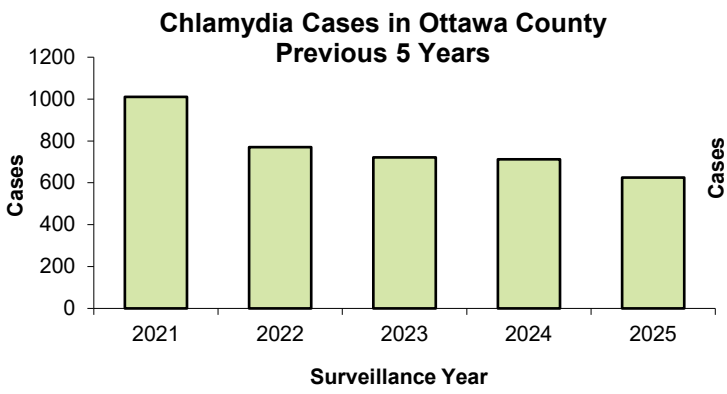


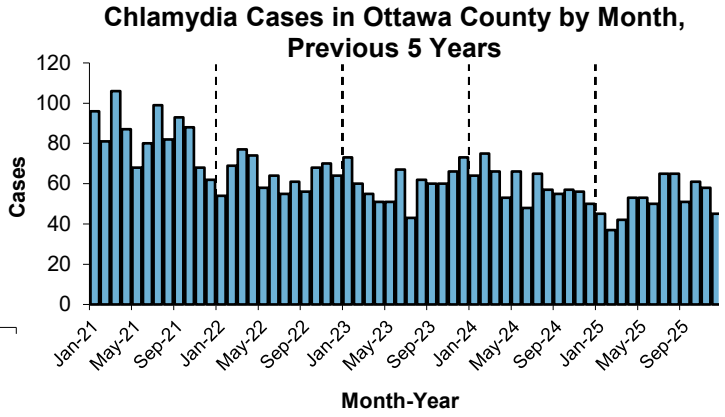
	Q1	Q2	Q3	Q4
2021	0	3	0	0
2022	0	1	2	0
2023	0	0	0	0
2024	0	0	3	0
2025	0	0	2	0

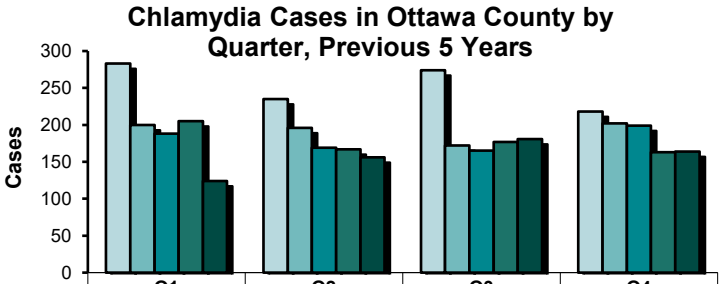
Animal Rabies Cases per 100,000



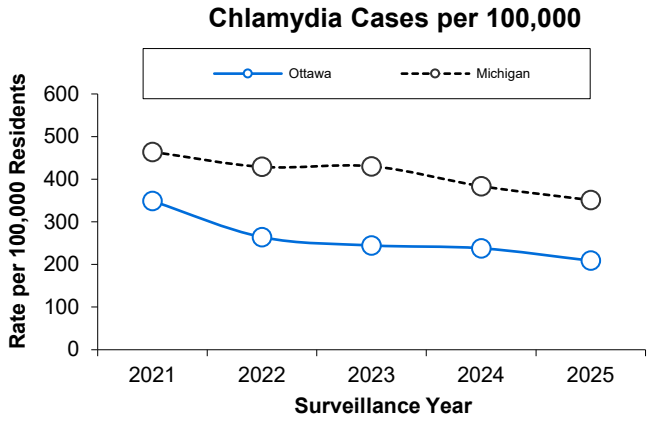
Sexually Transmitted Infections:

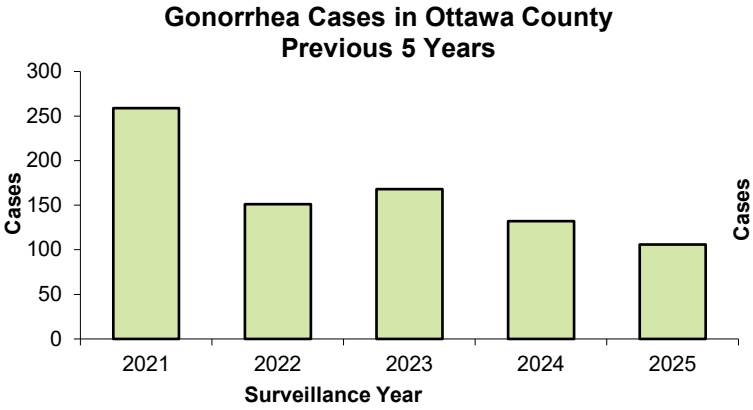


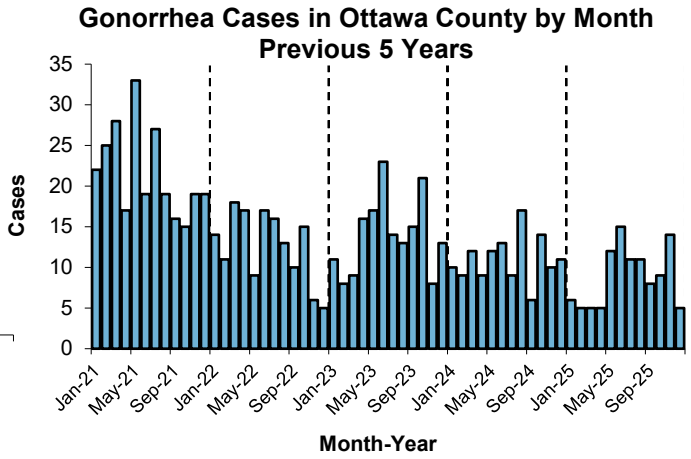


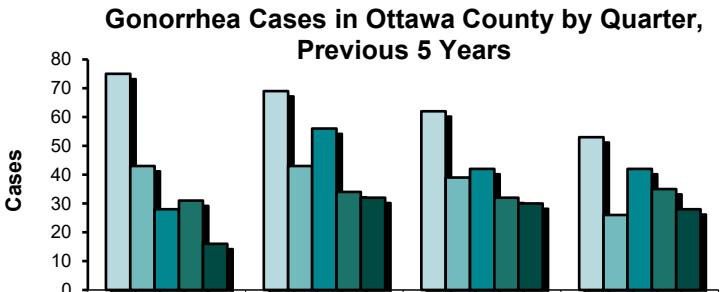


	Q1	Q2	Q3	Q4
2021	283	235	274	218
2022	200	196	172	202
2023	188	169	165	199
2024	205	167	177	163
2025	124	156	181	164

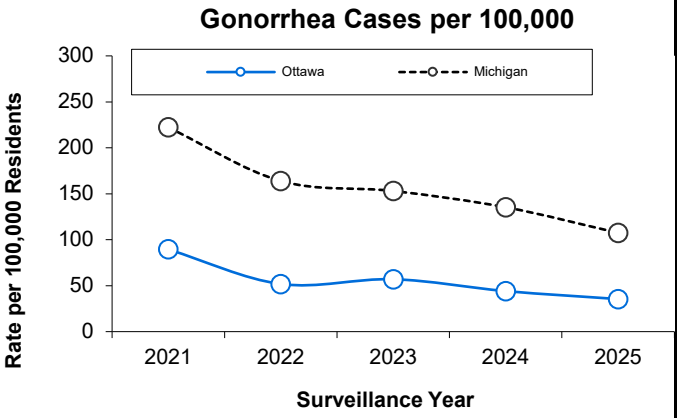






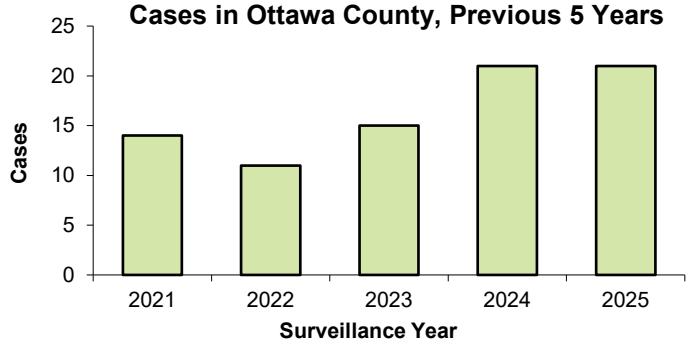


	Q1	Q2	Q3	Q4
2021	75	69	62	53
2022	43	43	39	26
2023	28	56	42	42
2024	31	34	32	35
2025	16	32	30	28

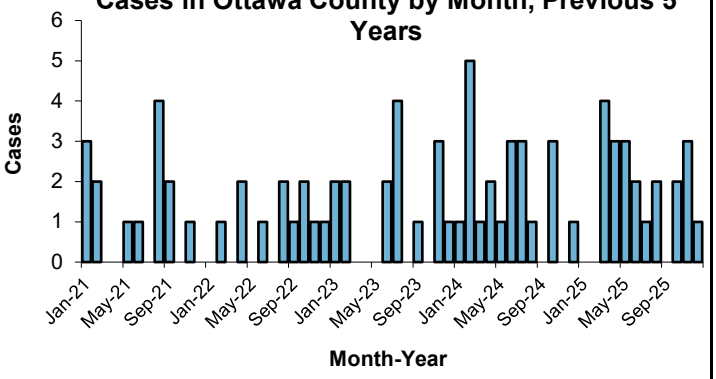


Sexually Transmitted Infections and Mpox:

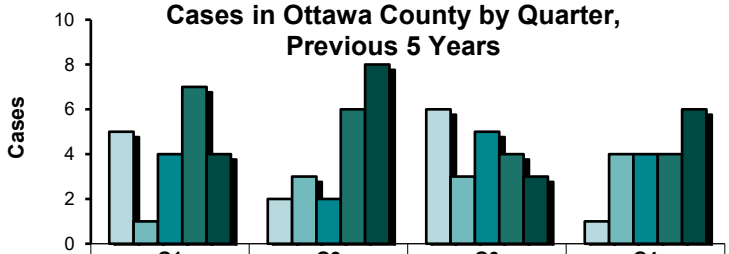
Primary, Secondary, & Early Latent Syphilis Cases in Ottawa County, Previous 5 Years



Primary, Secondary, & Early Latent Syphilis Cases in Ottawa County by Month, Previous 5 Years

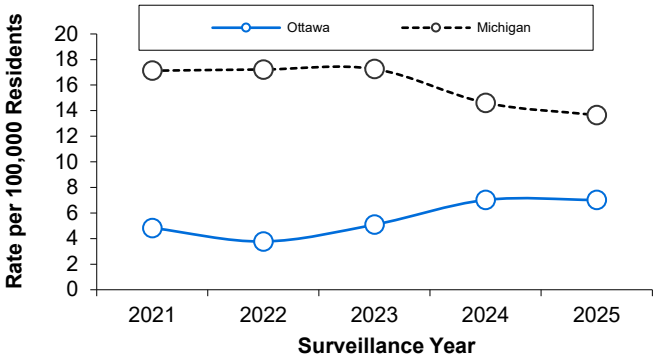


Primary, Secondary, & Early Latent Syphilis Cases in Ottawa County by Quarter, Previous 5 Years

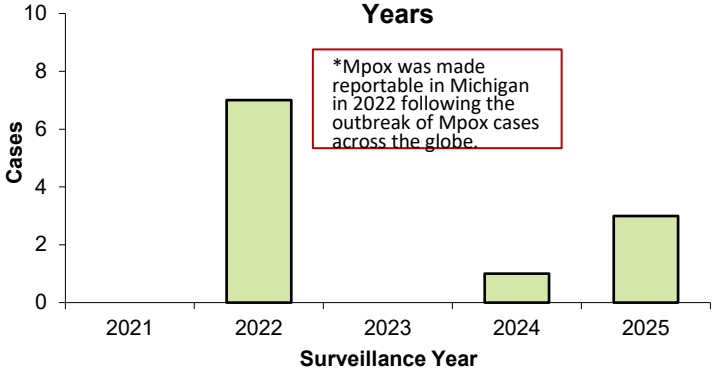


	Q1	Q2	Q3	Q4
2021	5	2	6	1
2022	1	3	3	4
2023	4	2	5	4
2024	7	6	4	4
2025	4	8	3	6

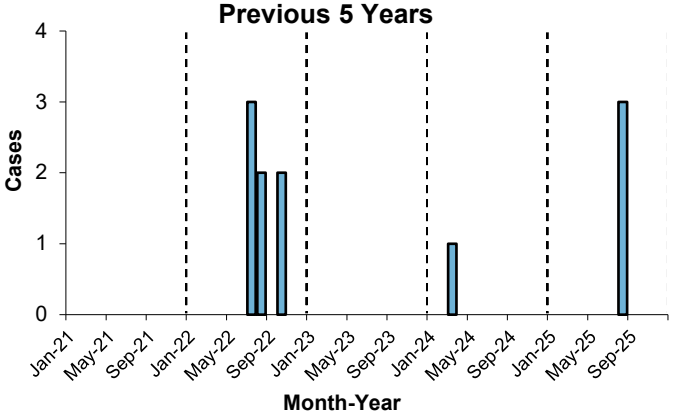
Primary, Secondary, & Early Latent Syphilis Cases per 100,000



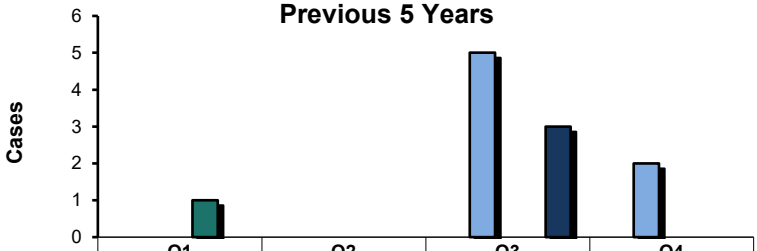
Mpox Cases in Ottawa County, Previous 5 Years



Mpox Cases in Ottawa County by Month, Previous 5 Years

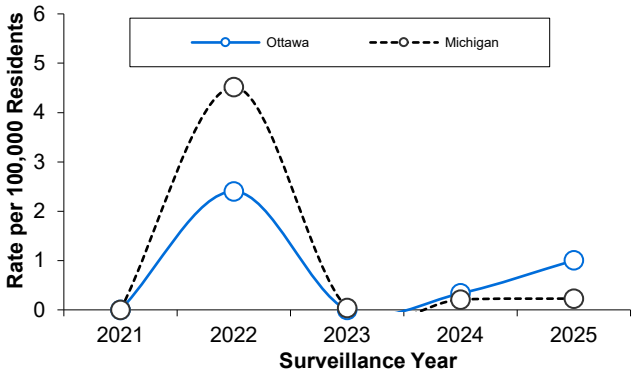


Mpox Cases in Ottawa County by Quarter, Previous 5 Years



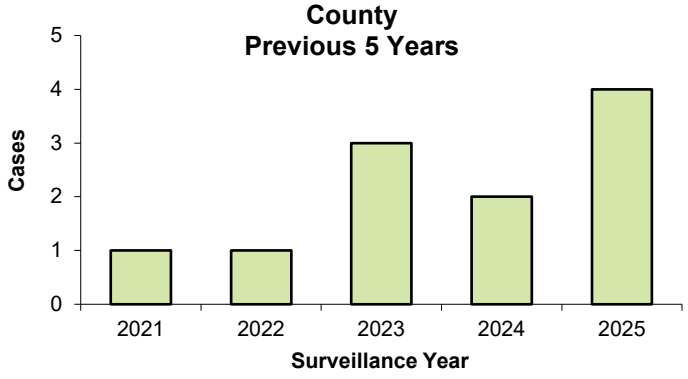
	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	5	2
2023	0	0	0	0
2024	1	0	0	0
2025	0	0	3	0

Mpox Cases per 100,000

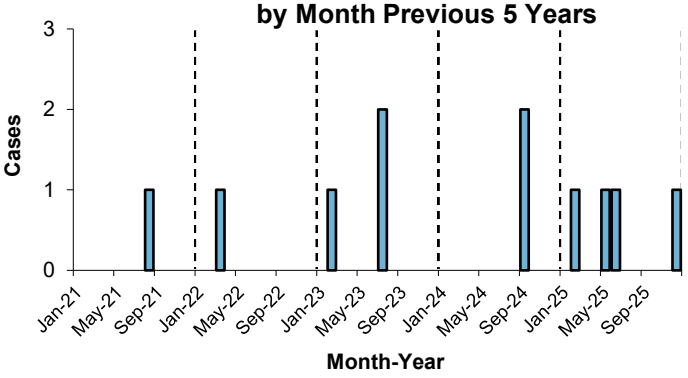


Tuberculosis:

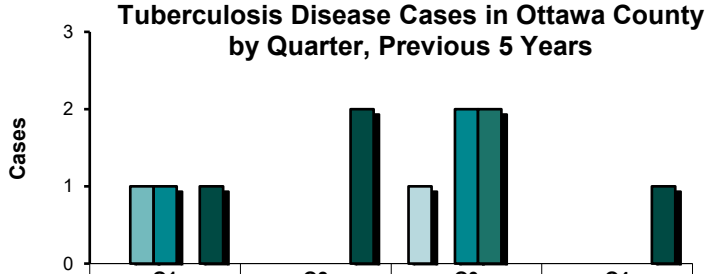
Tuberculosis Disease Cases in Ottawa County Previous 5 Years



Tuberculosis Disease Cases in Ottawa County by Month Previous 5 Years

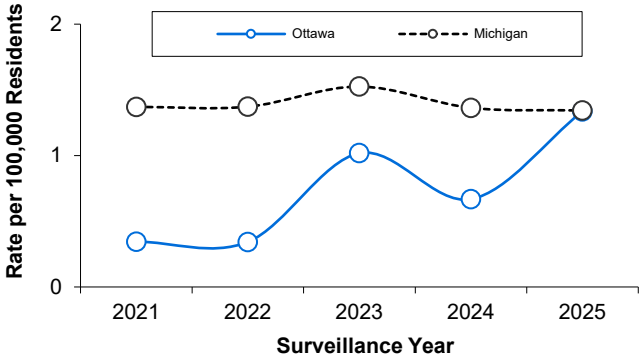


Tuberculosis Disease Cases in Ottawa County by Quarter, Previous 5 Years

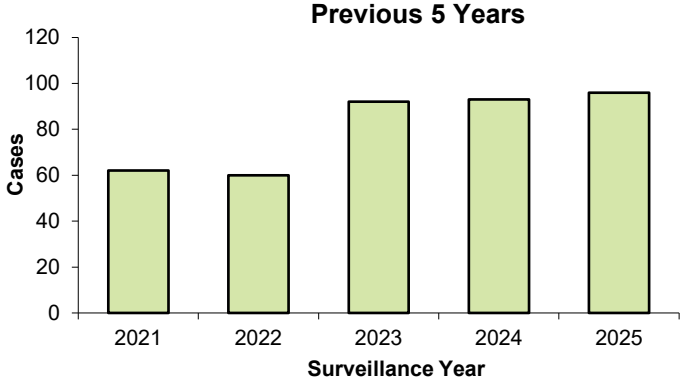


	Q1	Q2	Q3	Q4
2021	0	0	1	0
2022	1	0	0	0
2023	1	0	2	0
2024	0	0	2	0
2025	1	2	0	1

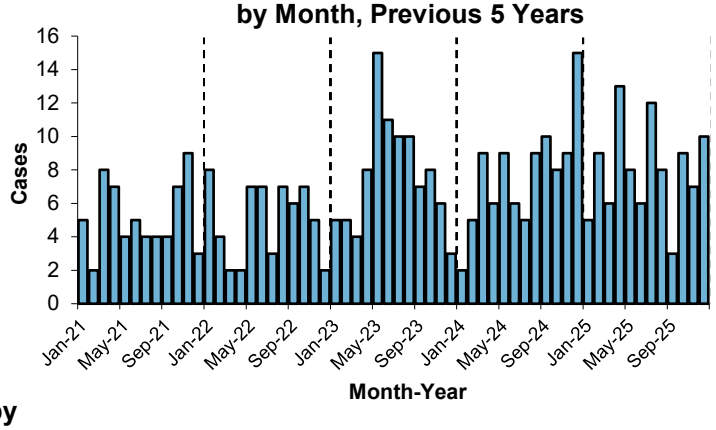
Tuberculosis Disease Cases per 100,000



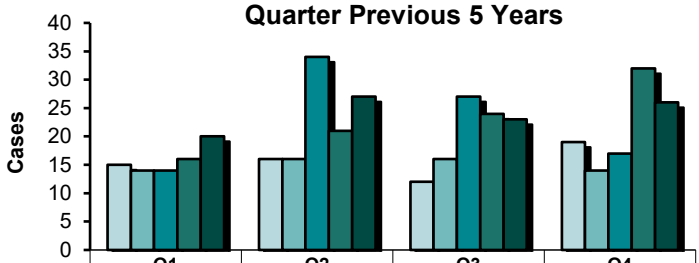
Latent Tuberculosis Cases in Ottawa County Previous 5 Years



Latent Tuberculosis Cases in Ottawa County by Month, Previous 5 Years

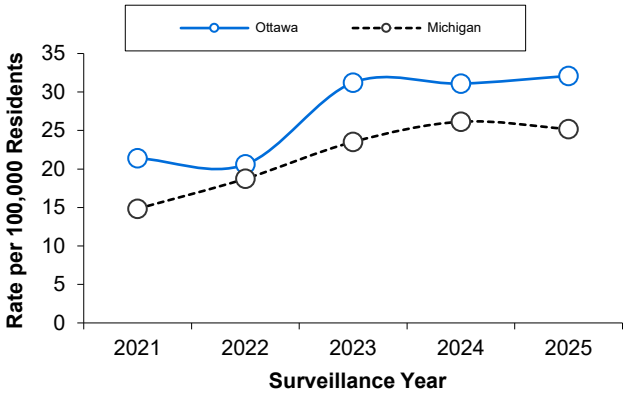


Latent Tuberculosis Cases in Ottawa County by Quarter Previous 5 Years



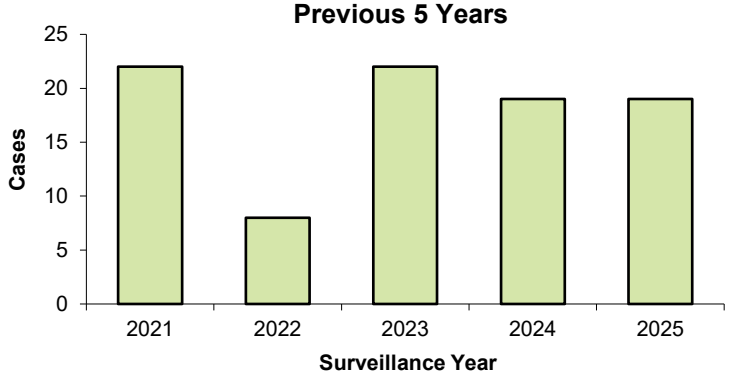
	Q1	Q2	Q3	Q4
2021	15	16	12	19
2022	14	16	16	14
2023	14	34	27	17
2024	16	21	24	32
2025	20	27	23	26

Latent Tuberculosis Cases per 100,000

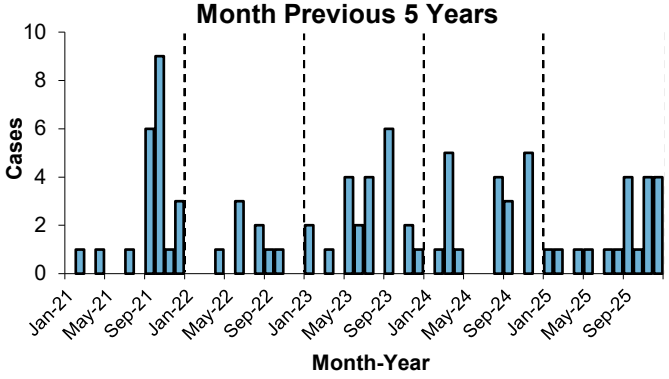


Vaccine Preventable Diseases:

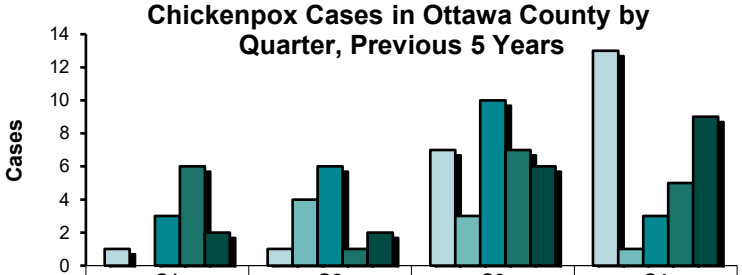
Chickenpox Cases in Ottawa County Previous 5 Years



Chickenpox Cases in Ottawa County by Month Previous 5 Years

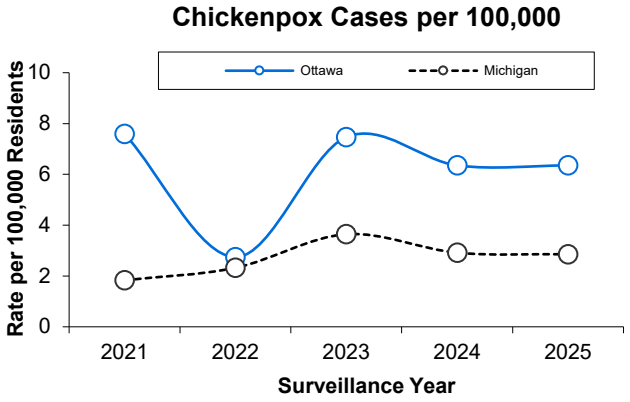


Chickenpox Cases in Ottawa County by Quarter, Previous 5 Years

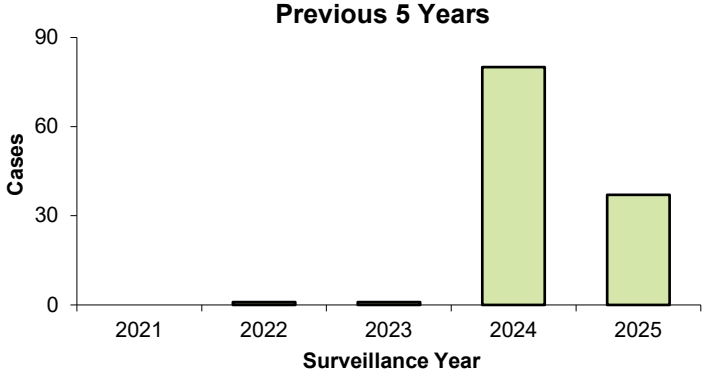


	Q1	Q2	Q3	Q4
2021	1	1	7	13
2022	0	4	3	1
2023	3	6	10	3
2024	6	1	7	5
2025	2	2	6	9

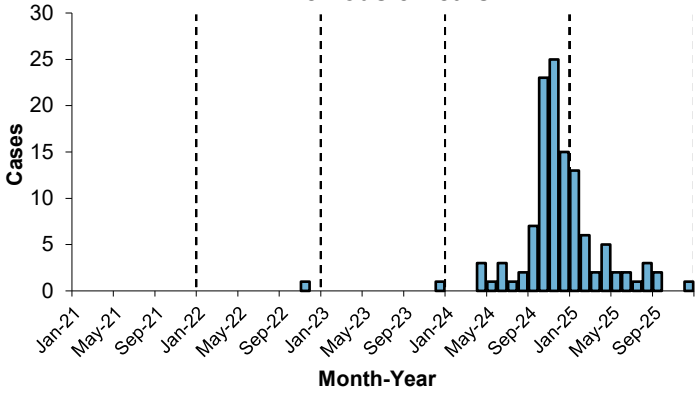
Chickenpox Cases per 100,000



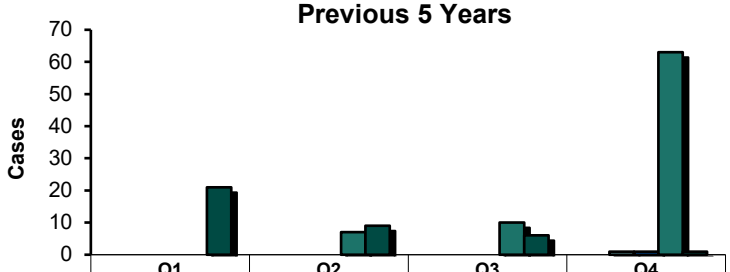
Pertussis Cases in Ottawa County Previous 5 Years



Pertussis Cases in Ottawa County by Month Previous 5 Years

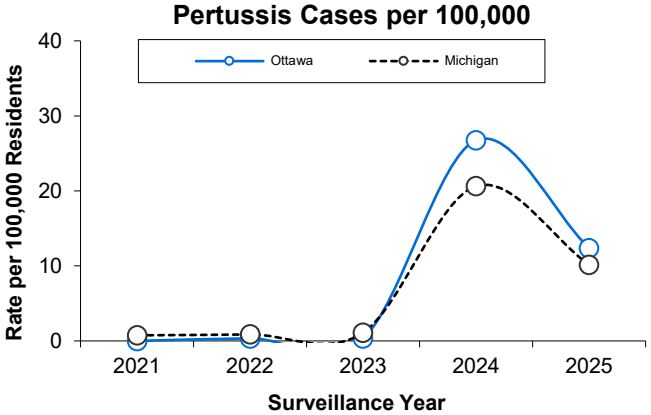


Pertussis Cases in Ottawa County by Quarter Previous 5 Years



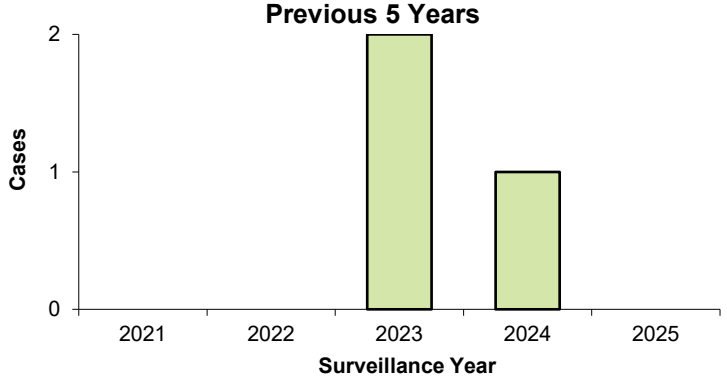
	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	1
2023	0	0	0	1
2024	0	7	10	63
2025	21	9	6	1

Pertussis Cases per 100,000

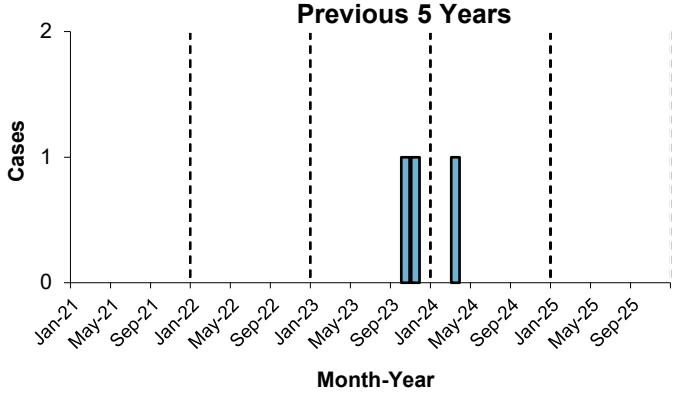


Vaccine Preventable Diseases:

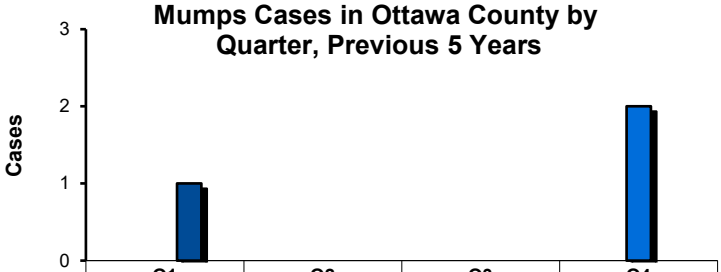
Mumps Cases in Ottawa County Previous 5 Years



Mumps Cases in Ottawa County by Month Previous 5 Years

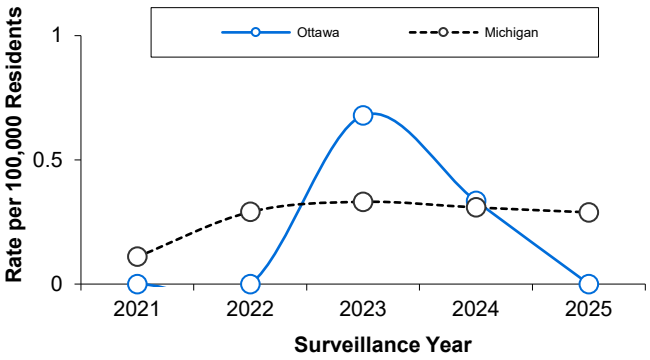


Mumps Cases in Ottawa County by Quarter, Previous 5 Years

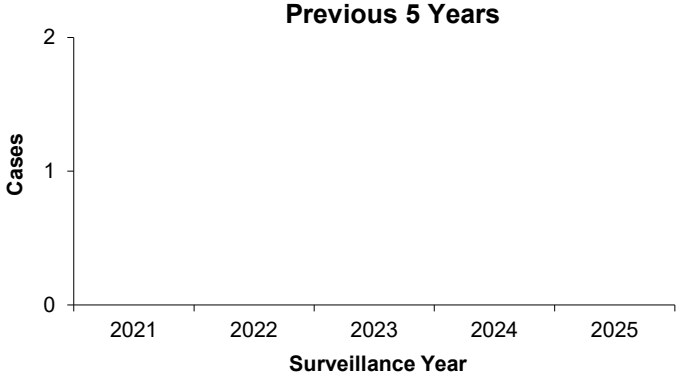


	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	2
2024	1	0	0	0
2025	0	0	0	0

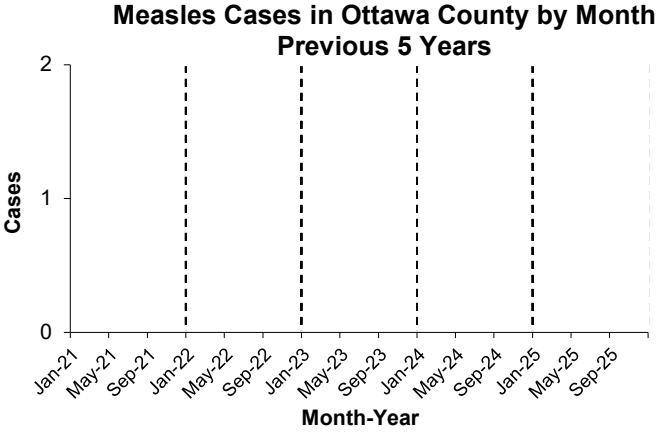
Mumps Cases per 100,000



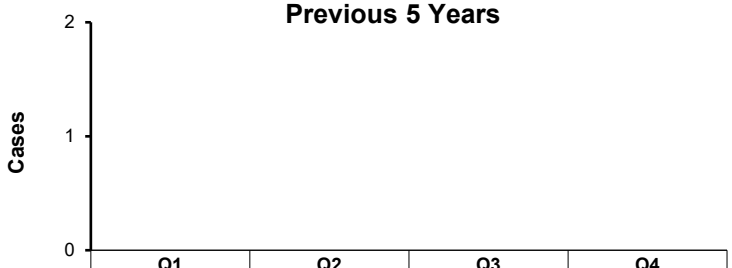
Measles Cases in Ottawa County Previous 5 Years



Measles Cases in Ottawa County by Month Previous 5 Years

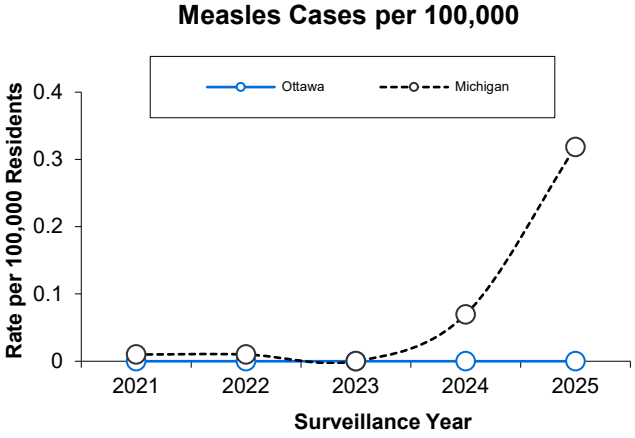


Measles Cases in Ottawa County by Quarter, Previous 5 Years



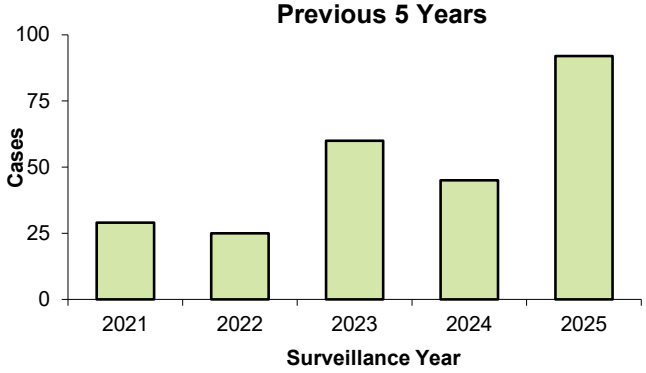
	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	0	0	0	0

Measles Cases per 100,000

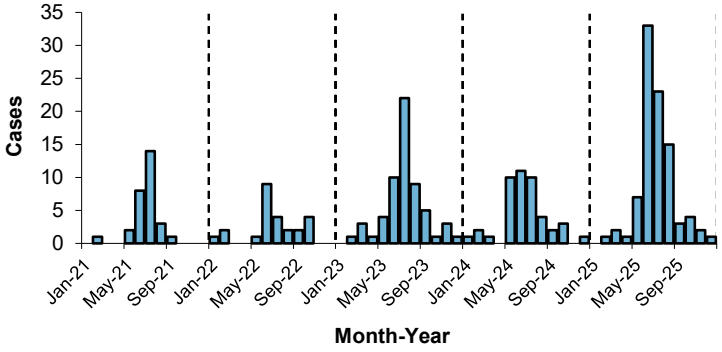


Vectorborne Diseases:

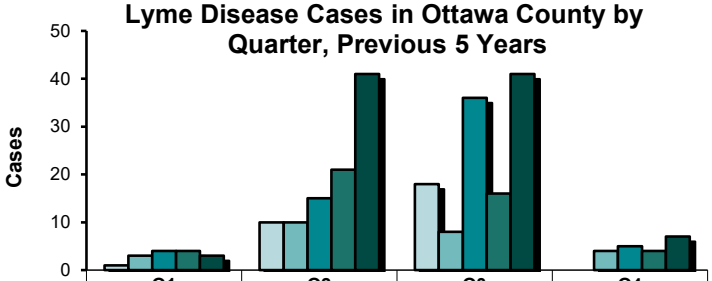
Lyme Disease Cases in Ottawa County Previous 5 Years



Lyme Disease Cases in Ottawa County by Month, Previous 5 Years

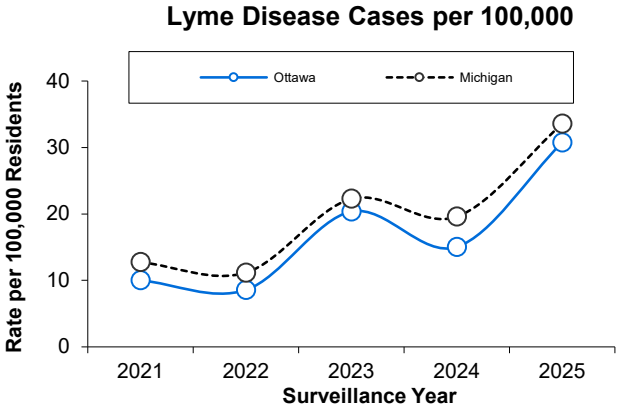


Lyme Disease Cases in Ottawa County by Quarter, Previous 5 Years

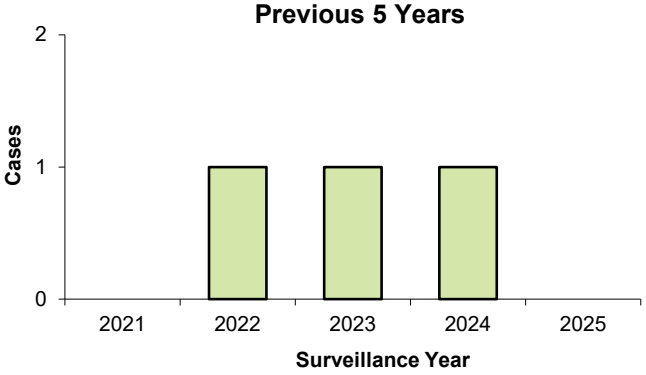


	Q1	Q2	Q3	Q4
2021	1	10	18	0
2022	3	10	8	4
2023	4	15	36	5
2024	4	21	16	4
2025	3	41	41	7

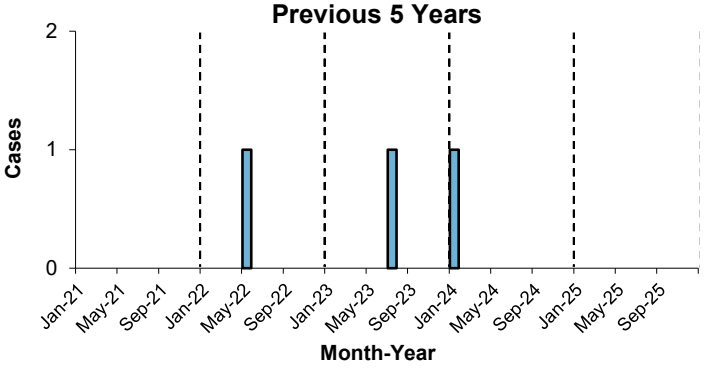
Lyme Disease Cases per 100,000



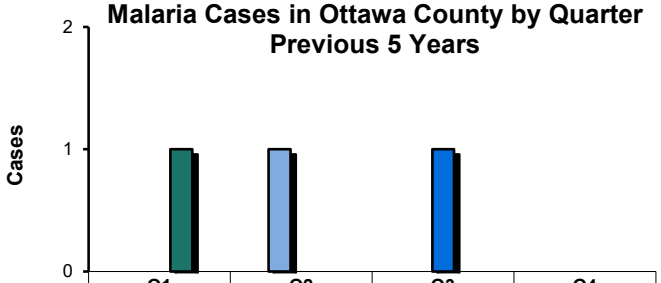
Malaria Cases in Ottawa County Previous 5 Years



Malaria Cases in Ottawa County by Month Previous 5 Years

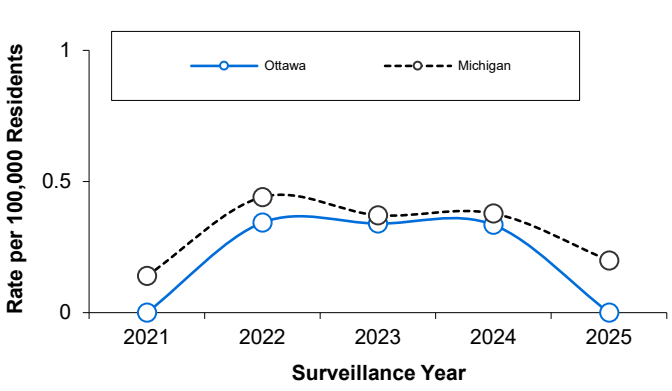


Malaria Cases in Ottawa County by Quarter Previous 5 Years

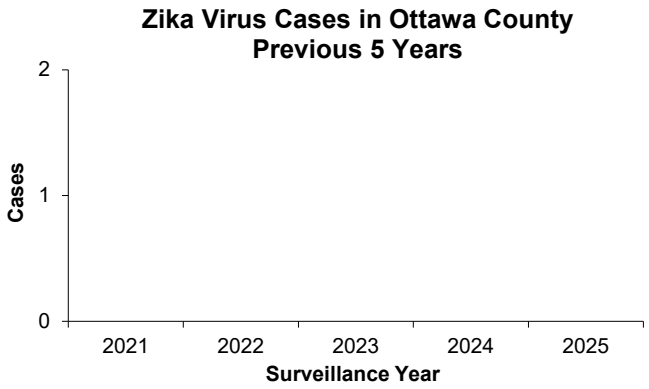


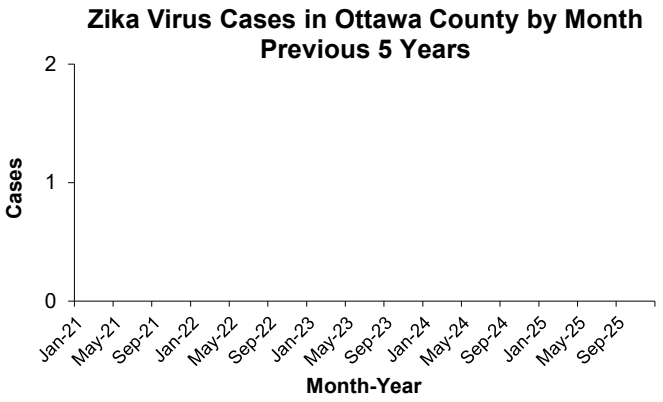
	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	1	0	0
2023	0	0	1	0
2024	1	0	0	0
2025	0	0	0	0

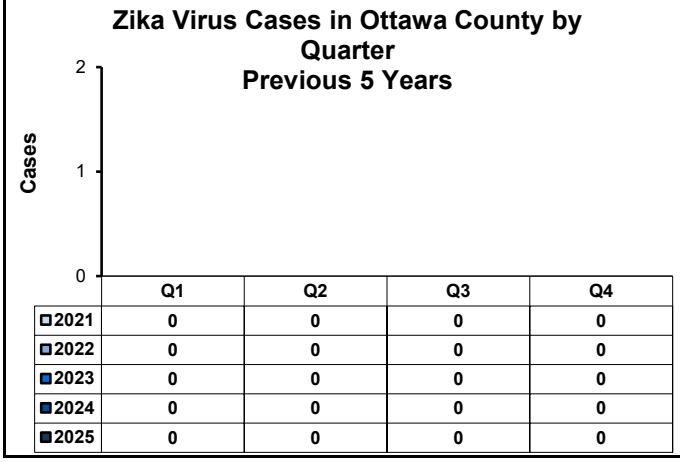
Malaria Cases per 100,000



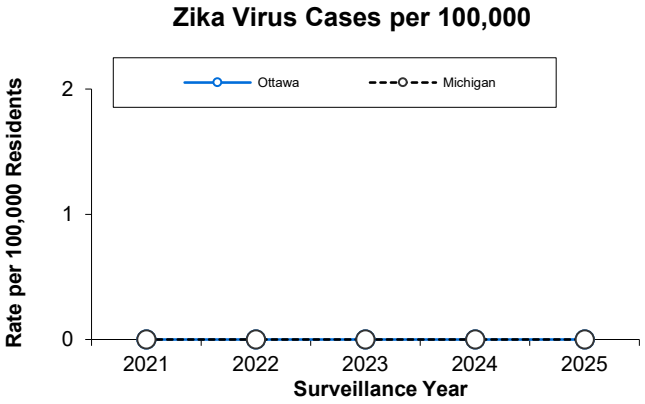
Vectorborne Diseases:

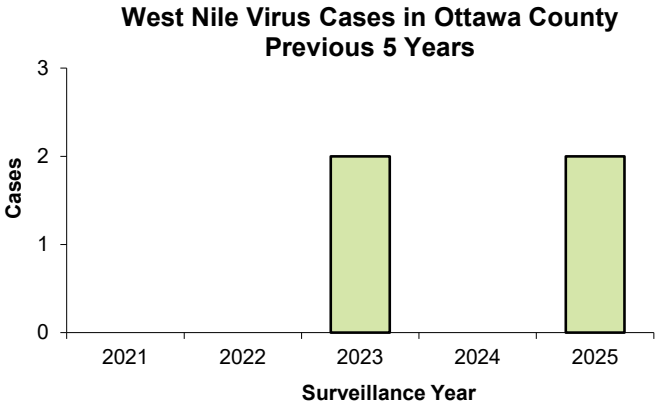


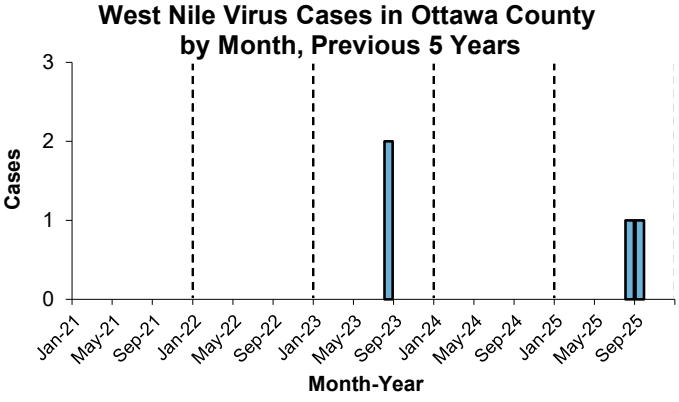


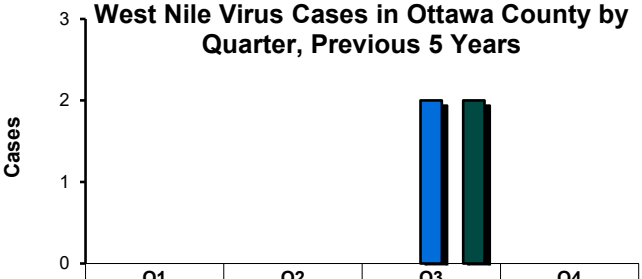


	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	0	0	0	0

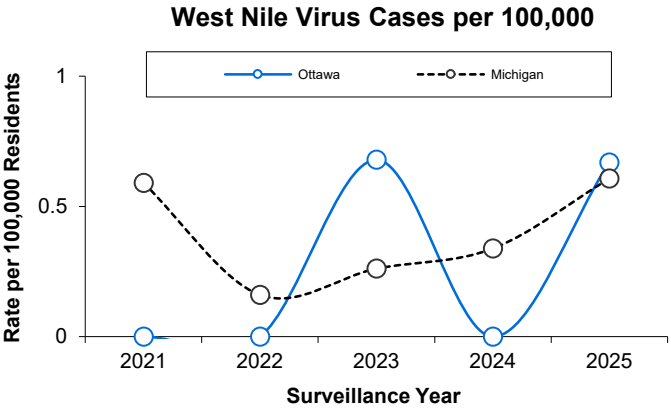






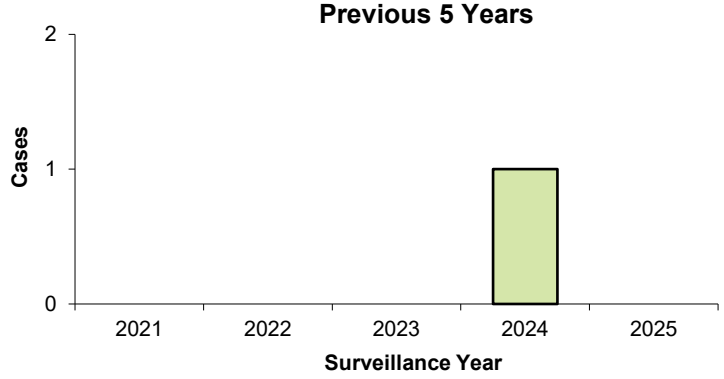


	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	2	0
2024	0	0	0	0
2025	0	0	2	0

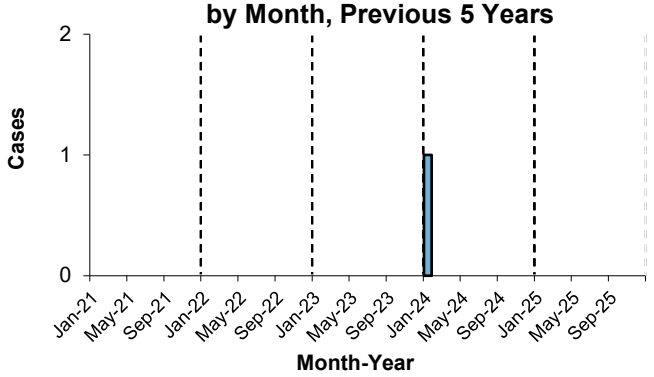


Viral Hepatitis:

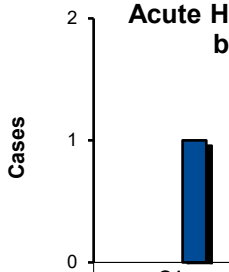
Acute Hepatitis B Cases in Ottawa County Previous 5 Years



Acute Hepatitis B Cases in Ottawa County by Month, Previous 5 Years

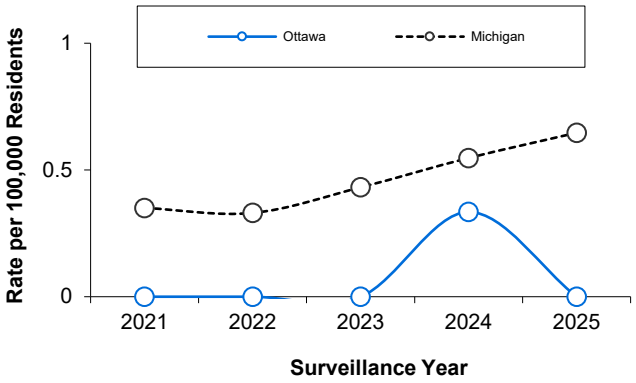


Acute Hepatitis B Cases in Ottawa County by Quarter, Previous 5 Years

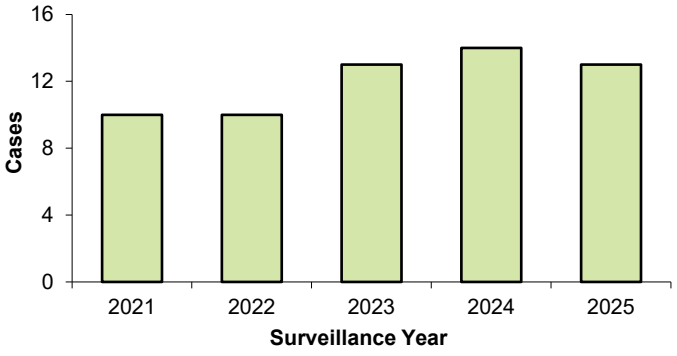


	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	1	0	0	0
2025	0	0	0	0

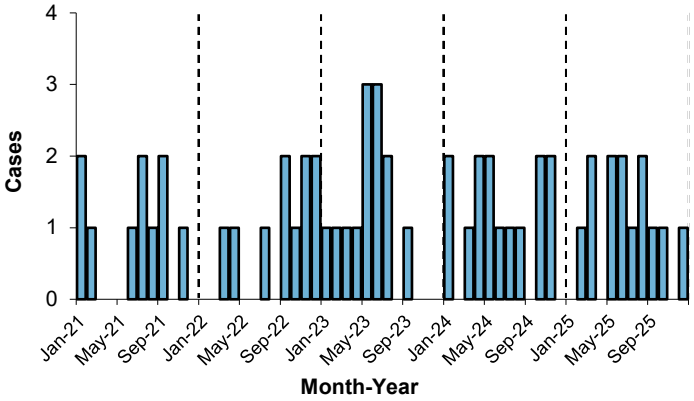
Acute Hepatitis B Cases per 100,000



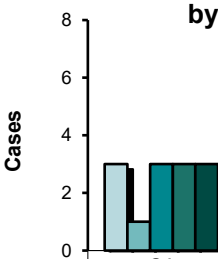
Chronic Hepatitis B Cases in Ottawa County Previous 5 Years



Chronic Hepatitis B Cases in Ottawa County by Month, Previous 5 Years

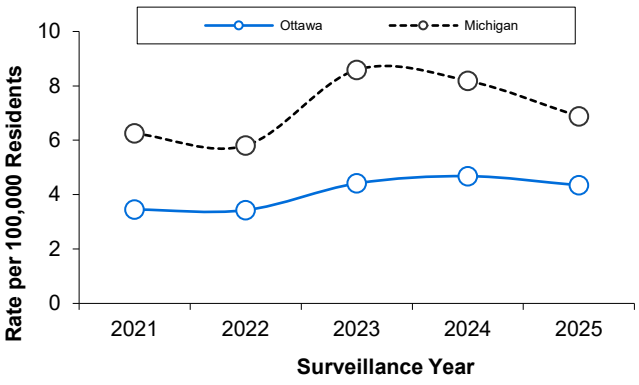


Chronic Hepatitis B Cases in Ottawa County by Quarter, Previous 5 Years



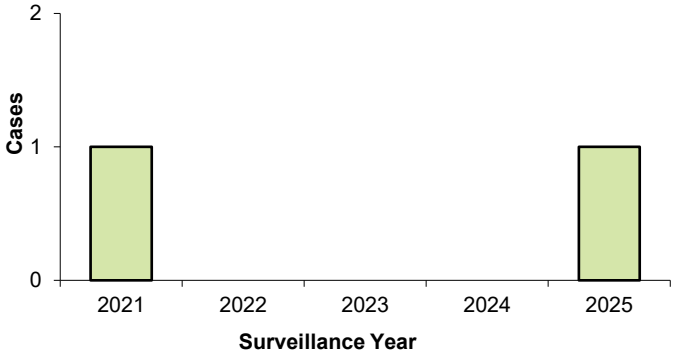
	Q1	Q2	Q3	Q4
2021	3	1	5	1
2022	1	1	3	5
2023	3	7	3	0
2024	3	5	2	4
2025	3	4	4	2

Chronic Hepatitis B Cases per 100,000

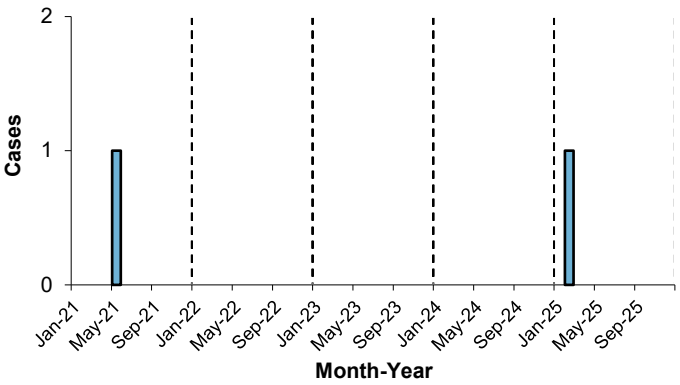


Viral Hepatitis:

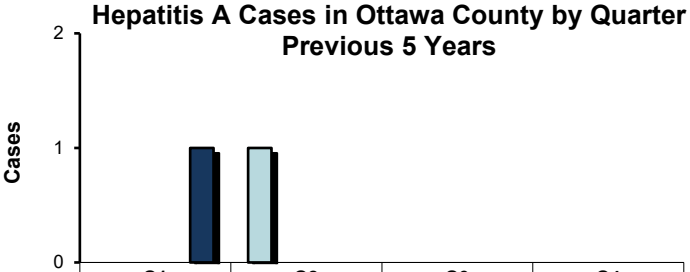
Hepatitis A Cases in Ottawa County Previous 5 Years



Hepatitis A Cases in Ottawa County by Month Previous 5 Years

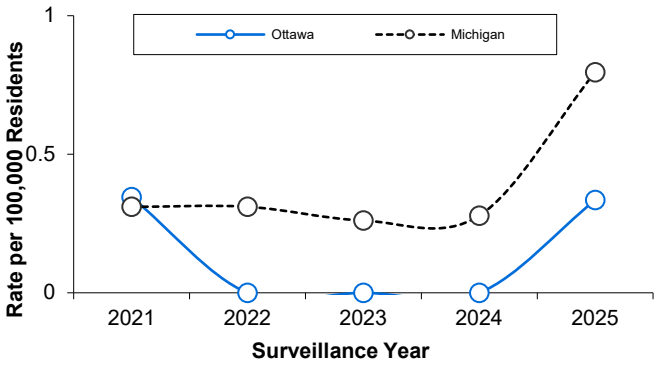


Hepatitis A Cases in Ottawa County by Quarter Previous 5 Years

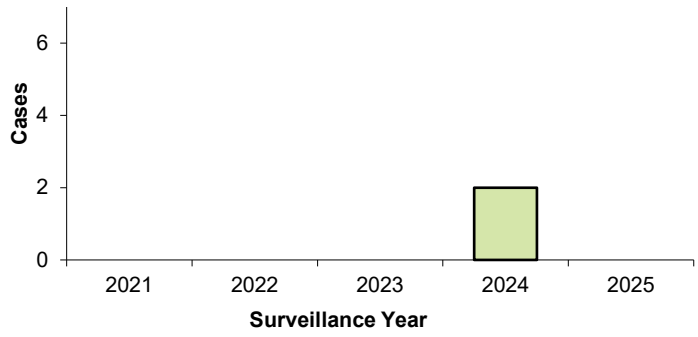


	Q1	Q2	Q3	Q4
2021	0	1	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	1	0	0	0

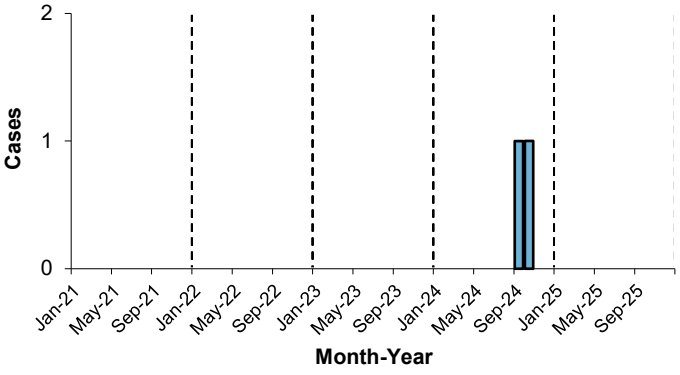
Hepatitis A Cases per 100,000



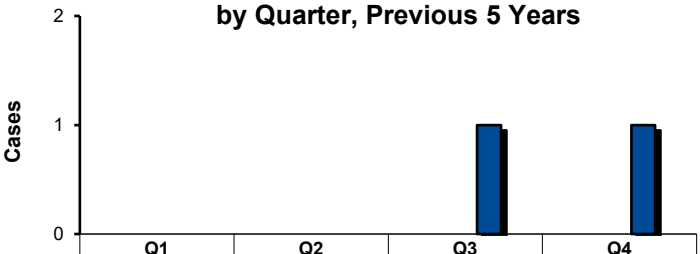
Acute Hepatitis C* Cases in Ottawa County Previous 5 Years



Acute Hepatitis C* Cases in Ottawa County by Month, Previous 5 Years

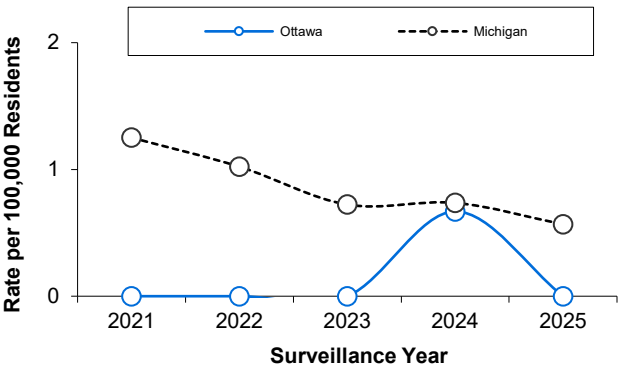


Acute Hepatitis C* Cases in Ottawa County by Quarter, Previous 5 Years

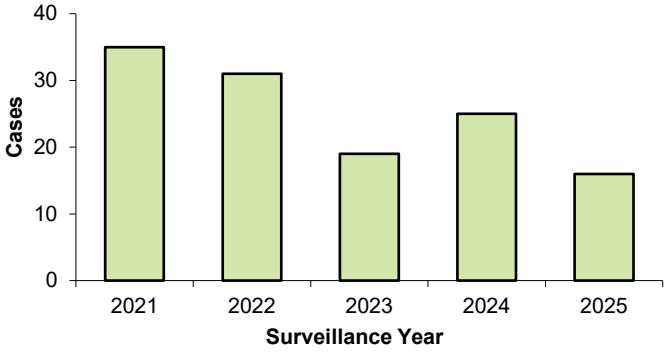


	Q1	Q2	Q3	Q4
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	1	1
2025	0	0	0	0

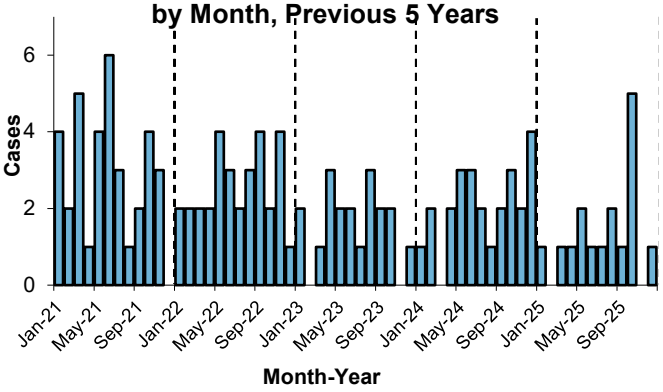
Acute Hepatitis C* Cases per 100,000



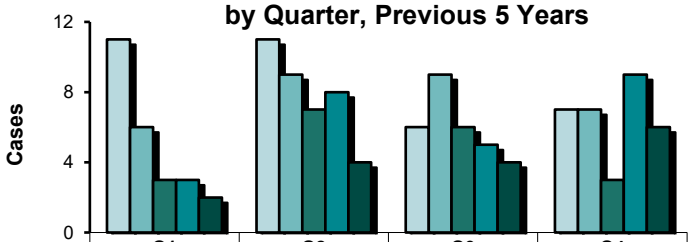
Chronic Hepatitis C* Cases in Ottawa County Previous 5 Years



Chronic Hepatitis C* Cases in Ottawa County by Month, Previous 5 Years



Chronic Hepatitis C* Cases in Ottawa County by Quarter, Previous 5 Years



	Q1	Q2	Q3	Q4
2021	11	11	6	7
2022	6	9	9	7
2023	3	7	6	3
2024	3	8	5	9
2025	2	4	4	6

Chronic Hepatitis C* Cases per 100,000

