



**Public Health**  
Prevent. Promote. Protect.

# 2024 Annual Communicable Disease Report

## Wayne County Health Department

Date Completed: 5/21/2025

### Key Findings:

- **531 communicable disease cases** were reported to the Wayne County Health Department in 2024. The number of reported communicable disease cases in 2024 was **14 percent lower** than the 5-year average of 619.
- **Chlamydia Infections, Influenza-associated hospitalizations, Gonococcal Infections, Campylobacteriosis, and Lyme Disease** were the most frequently reported communicable diseases in 2024.
- The number of reported **Chlamydia Infections, Gonococcal Infections, and Campylobacteriosis** cases were **below** the 5-year average while the number of reported **Influenza-associated hospitalizations and Lyme Disease** cases were **above** the 5-year average for Wayne County in 2024.
- In addition to the 531 communicable disease cases reported, **1,676 cases of COVID-19** were reported to the Wayne County Health Department in 2024. Among the cases reported, **127 were hospitalized and 14 Wayne County residents died from COVID-19.**

Figure 1. Number of Communicable Disease Cases among Wayne County Residents by Month, 2024

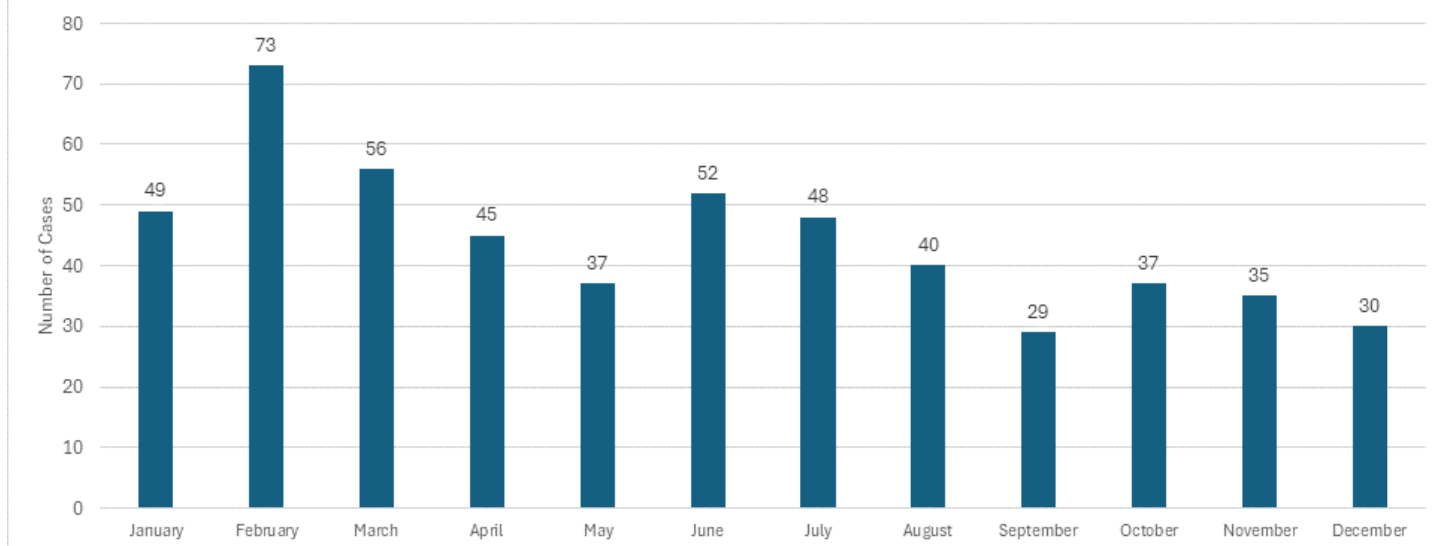


Figure 1 shows the number of communicable disease cases reported by month. The highest number of cases were reported in February (73), March (56), and June (52). These three months accounted for 35% of all cases reported during the year.

**Table 1: Number of Communicable Disease Cases Reported by Disease**

Reportable Condition	2024	2019-2023 Average	Difference
C. auris	2	0	2
Campylobacteriosis	30	31	-1
Chlamydia infection	198	256	-58
Coccidioidomycosis	1	0	1
CPO	10	2	8
Cryptosporidiosis	12	4	8
Cyclosporiasis	1	0	1
E. coli, Shiga Toxin-Producing	12	3	9
Giardiasis	7	3	4
Gonococcal infection	44	69	-25
Haemophilus influenzae (invasive disease)	2	3	-1
Hepatitis B (including delta) - chronic	4	12	-8
Hepatitis C - chronic	27	61	-34
Hepatitis C - Perinatal Infection	2	0	2
Influenza-associated hospitalization	92	62	30
Influenza-associated pediatric mortality	1	0	1
LaCrosse virus disease (other California serogroup virus disease)	1	2	-1
Legionellosis	2	6	-4
Lyme Disease	30	12	18
Meningitis - aseptic/viral	2	3	-1
Mpox	1	0	1
Mumps	1	0	1
Pertussis	6	19	-13
Q fever, acute	1	0	1
Salmonellosis	13	17	-4
Shigellosis	5	3	2
Streptococcal - Group A -invasive	5	4	1
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	4	5	-1
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	2	1	1
Syphilis - unknown duration or late	4	4	0
Varicella	2	5	-3
Vibriosis (not cholera)	3	1	2
Yersiniosis	4	2	2
<b>Total (excluding COVID-19 cases)</b>	<b>531</b>	<b>619</b>	<b>-88</b>
COVID-19 Cases Reported	1,676	2,611 in 2023	

**Summary:**

Table 1 displays the number of reported cases in 2024 compared to the 5-year historical average. The 5 most reported diseases were Chlamydia (198), Influenza associated hospitalizations (92), Gonococcal Infections (44), Lyme Disease (30), and Campylobacteriosis (30). A detailed breakdown of each of these diseases can be found later in the report.

Among the 5 leading communicable diseases reported in 2024, the number of reported Influenza Associated Hospitalizations and Lyme Disease cases were above the historical average. The number of reported Gonococcal Infections, Chlamydia infections, and Campylobacteriosis were below the historical average.

**Notes:**

Counts in **red** denote a noteworthy increase (based on 1 standard deviation) from the historical average.

Counts in **green** denote a noteworthy decrease (based on 1 standard deviation) from the historical average.

Counts include cases that were Probable or Confirmed. Data was extracted by event date.

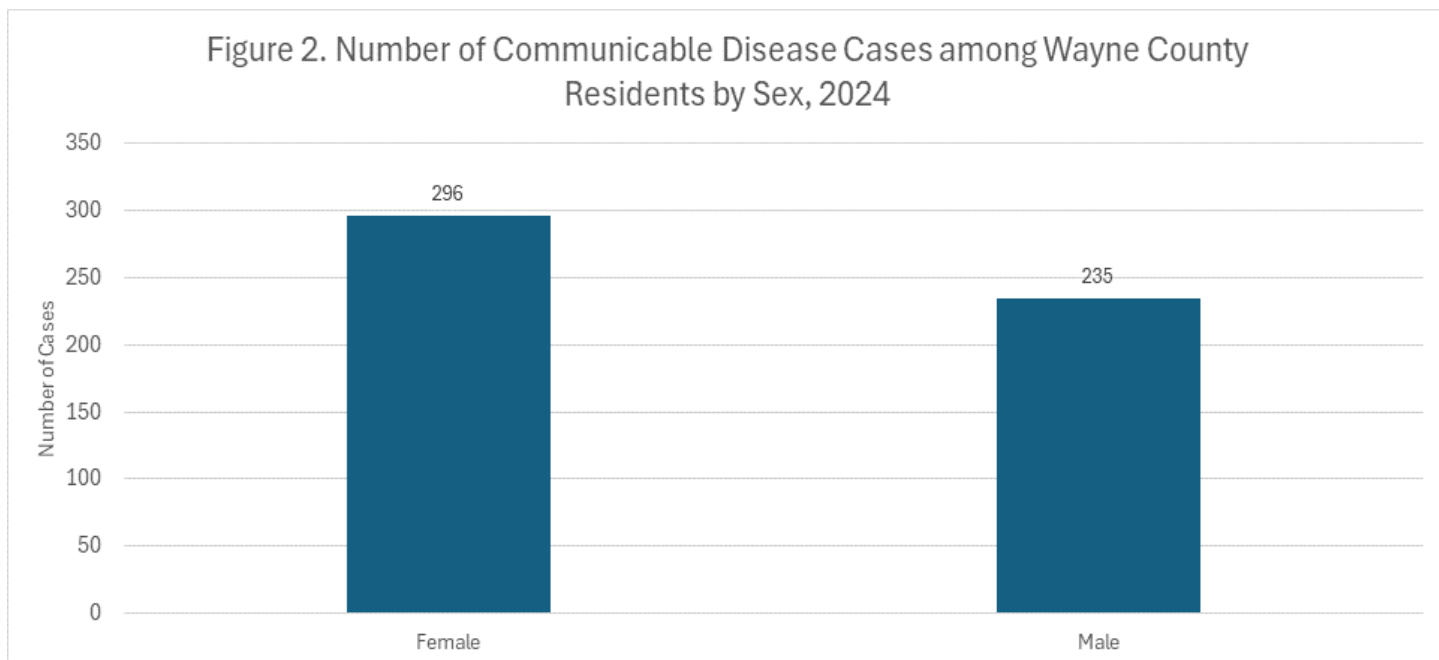


Figure 2 displays the number of communicable disease cases by sex. Females accounted for 56% of all cases (296 cases) and males accounted for 44% of all cases (235).

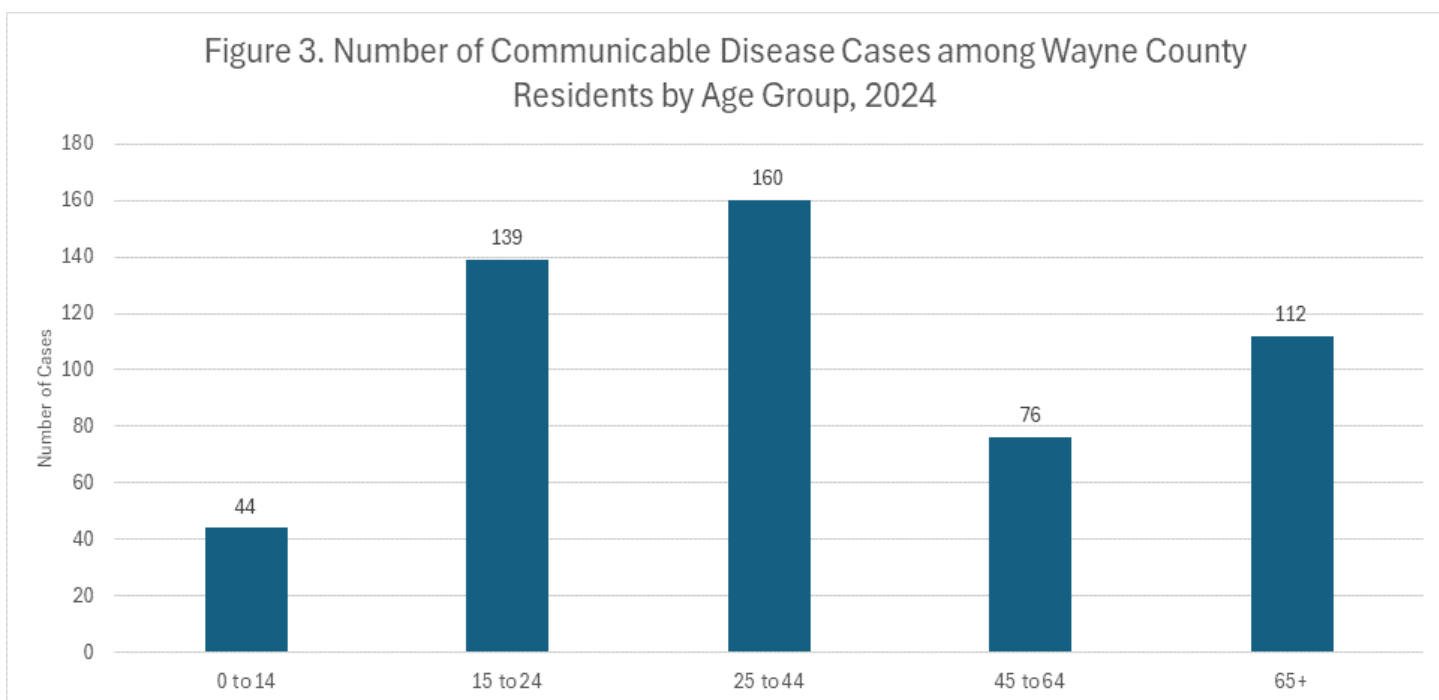


Figure 3 displays the number of communicable disease cases by age groups. The highest number of reported cases were among those 25 to 44 years old (160 cases) followed by those 15 to 24 years old (139 cases). These age groups accounted for 56% of all cases reported.

Figure 4. Number of Communicable Disease Cases among Wayne County Residents by Race and Ethnicity, 2024

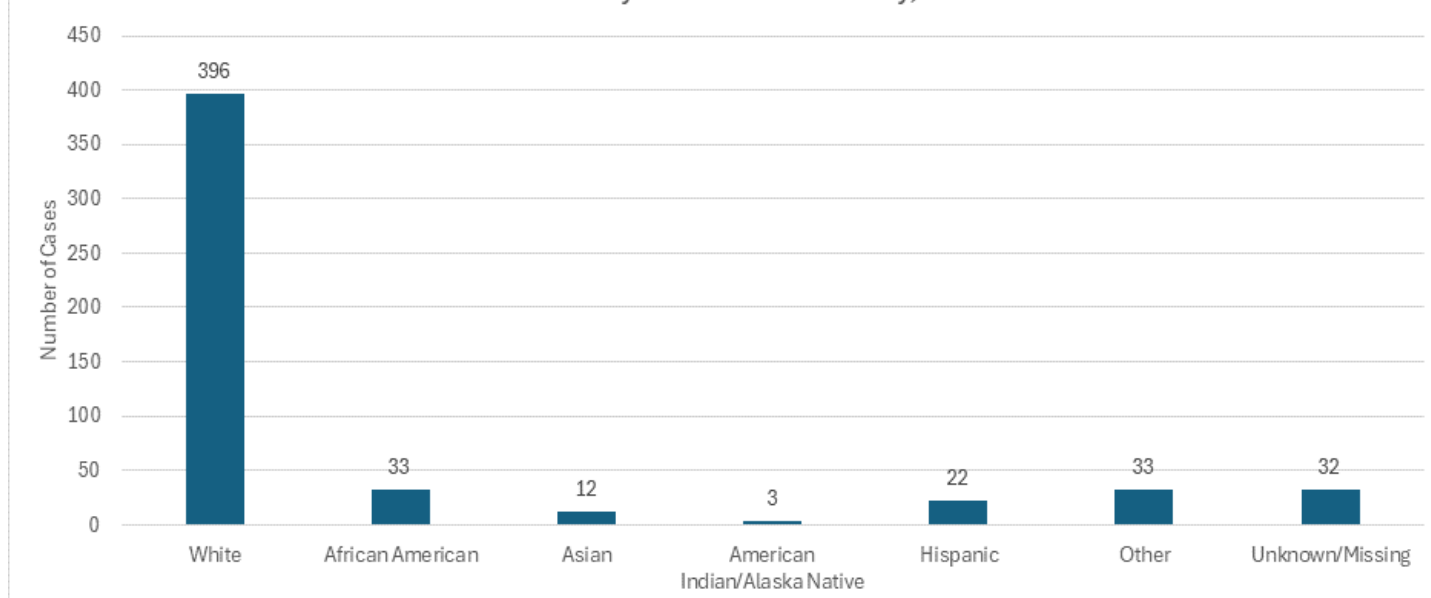


Figure 4 displays the number of communicable disease cases by race and ethnicity. Most cases occurred among whites (75%). However, the communicable disease rate was higher among African Americans (1,108 per 100,000) than all other race and ethnic groups (data not shown).

Table 2: Number and Rates of Communicable Disease Cases Reported by Zip Code

Zip Code	Village	Cases	Rate per 100,000
44214	Burbank	7	358
44216	Clinton	4	**
44217	Creston	11	286
44230	Doylestown	39	509
44270	Rittman	47	610
44276	Sterling	7	346
44287	West Salem	20	437
44606	Apple Creek	26	316
44611	Big Prairie	*	*
44618	Dalton	22	328
44624	Dundee	0	0
44627	Fredericksburg	9	345
44636	Kidron	*	*
44638	Lakeville	*	*
44645	Marshallville	9	345
44659	Mt. Eaton	*	*
44662	Navarre	*	*
44666	North Lawrence	*	*
44667	Orrville	72	525
44676	Shreve	15	403
44677	Smithville	4	143
44691	Wooster	225	504
44840	Jeromesville	0	0

Table 2 displays the number and rate of communicable disease cases by zip code. The zip codes of 44691 (225 cases), 44667 (72) and 44270 (47) had highest number of reported cases. These zip codes accounted for 65% of all cases reported.

Zip codes with the highest rates were 44270 (610 per 100,000) and 44667 (525 per 100,000). These zip codes accounted for 22% of all cases reported.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Population estimates are not available for zip codes marked with \*\*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code.

## Chlamydia Data Summary

Chlamydia is a common sexually transmitted infection (STI) caused by infection with *Chlamydia trachomatis*. Chlamydia is the most frequently reported bacterial sexually transmitted infection in the United States. A large number of cases are not reported because most people with chlamydia are asymptomatic and do not seek testing. Chlamydia is most common among young people. Almost two-thirds of new chlamydia infections occur among youth aged 15-24 years. It is estimated that 1 in 20 sexually active young women aged 14-24 years has chlamydia (CDC, 2018).

In 2024, 198 Chlamydia cases among Wayne County residents were reported to the Wayne County Health Department. The 5-year average for Wayne County is 256 cases. The number of reported cases in 2024 is 23% lower than the historical average. The Chlamydia case rate is 170 per 100,000 among Wayne County residents which is well below the state average of 464 per 100,000 in 2023.

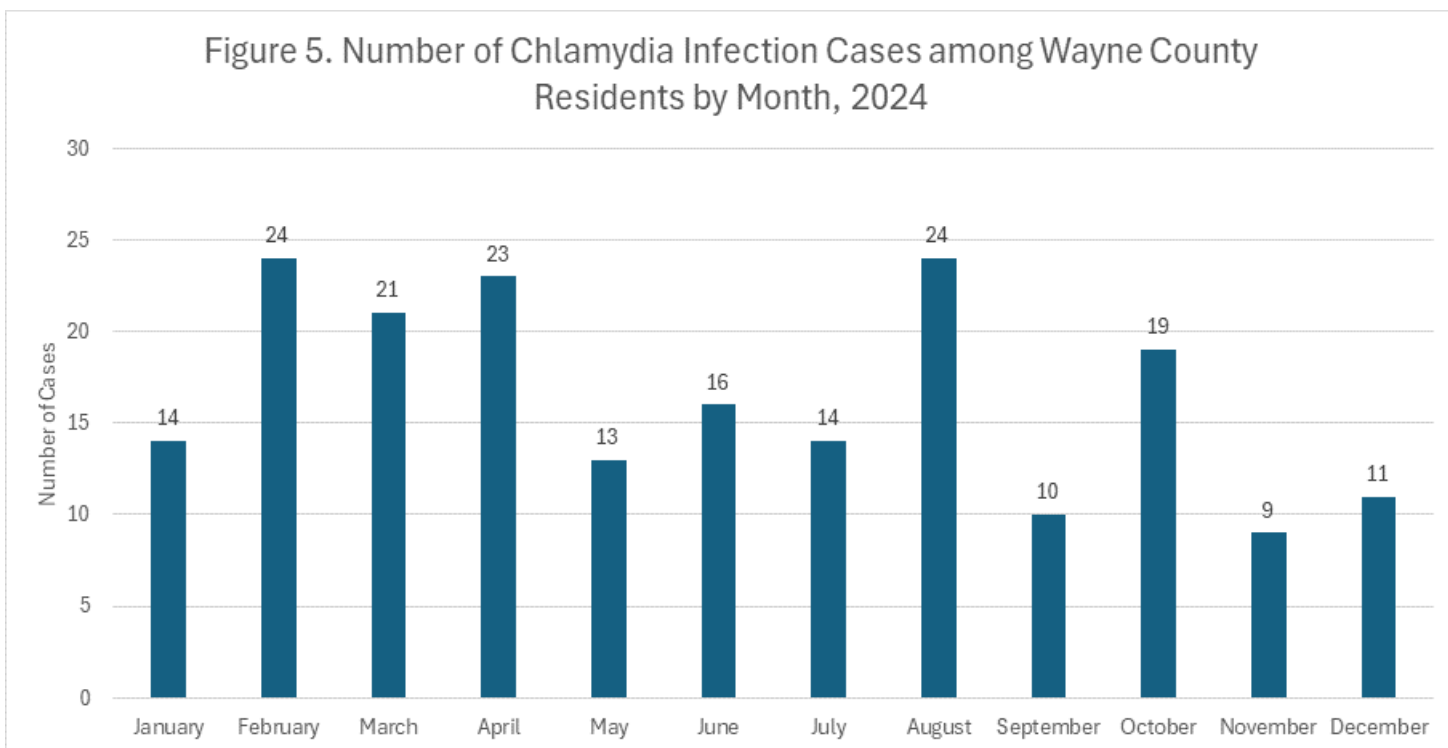


Figure 5 displays the number of Chlamydia cases by month. The highest number of cases were reported in August (24 cases), February (24), April (23), and March (21). These months accounted for 46% of cases reported during the year. The lowest number of cases were reported in November (9), September (10), and December (11).

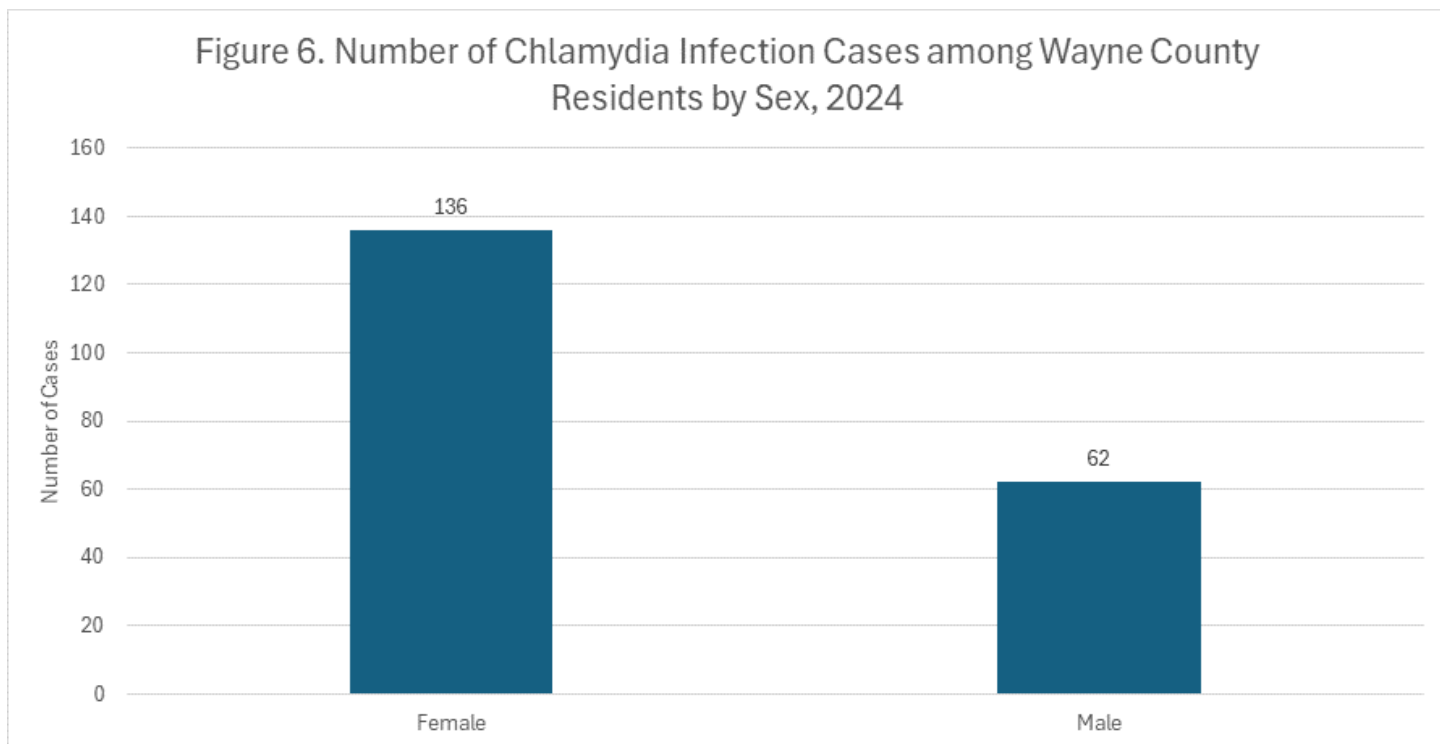


Figure 6 displays the number of Chlamydia cases by sex. 136 cases were female (62%) and 62 cases were male (28%). This pattern is consistent with the 5-year historical average.

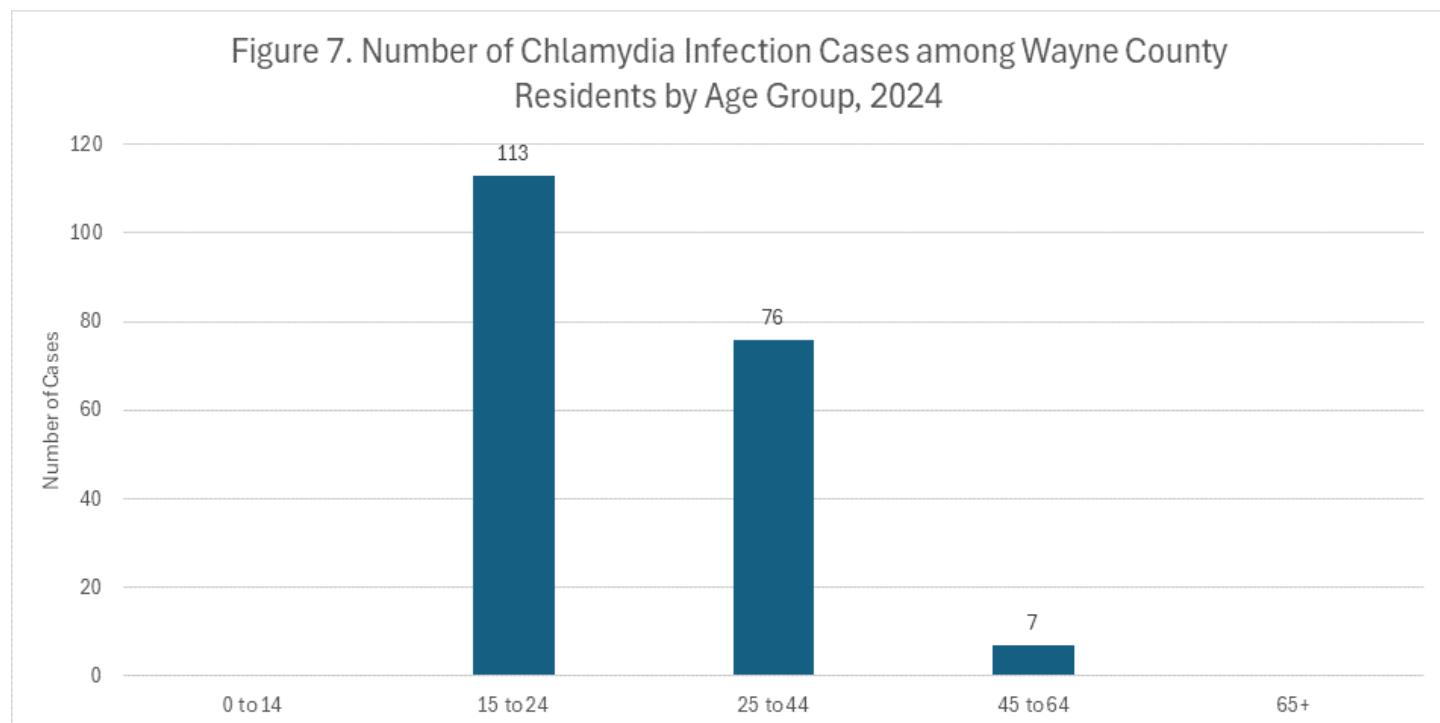


Figure 7 shows the number of Chlamydia cases by age group. Similar to national data, most of the cases were in the 15 to 24 age group. This age group accounted for 58% of cases reported. The second highest number of cases was found in the 25 to 44 age group (76). The number of cases in the 0 to 14 and 65+ age groups did not meet the minimum reporting requirement of 3.

Figure 8. Number of Chlamydia Infection Cases among Wayne County Residents by Race and Ethnicity, 2024

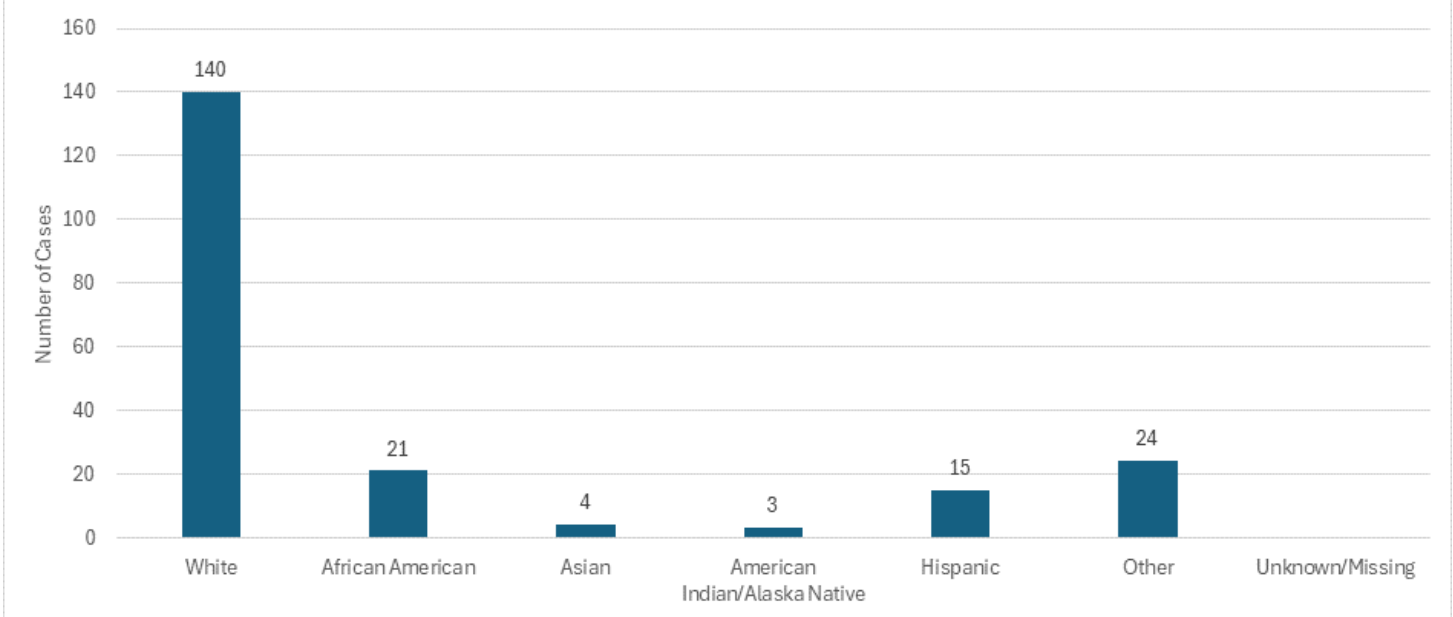


Figure 8 shows the number of reported Chlamydia cases by race and ethnicity. Most of the cases occurred among Whites (71%). However, the case rate among African Americans (705 per 100,000) was higher than all other race and ethnic groups (data not shown).

Table 3: Number and Rates of Chlamydia Cases Reported by Zip Code

Zip Code	Village	Cases	Rate per 100,000
44214	Burbank	3	154
44216	Clinton	*	*
44217	Creston	4	104
44230	Doylestown	8	104
44270	Rittman	18	234
44276	Sterling	*	*
44287	West Salem	10	219
44606	Apple Creek	5	61
44611	Big Prairie	0	0
44618	Dalton	9	134
44624	Dundee	0	0
44627	Fredericksburg	*	*
44636	Kidron	0	0
44638	Lakeville	0	0
44645	Marshallville	5	192
44659	Mt. Eaton	0	0
44662	Navarre	*	*
44666	North Lawrence	0	0
44667	Orrville	33	240
44676	Shreve	6	161
44677	Smithville	*	*
44691	Wooster	90	202
44840	Jeromesville	0	0

Table 3 displays the number and rate of Chlamydia cases by zip code. The zip codes with highest number of cases were 44691 (90), 44667 (33), and 44270 (18). These zip codes accounted for 71% of all cases reported.

The highest rates of Chlamydia were found in the 44667 (240 per 100,000) and 44270 (234 per 100,000) zip codes. These zip codes accounted for 26% of all reported cases.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code

## Influenza Associated Hospitalization Data Summary

Seasonal influenza, also known as the flu, is an illness that causes fever, headache, tiredness, cough, sore throat, nasal congestion and body aches. It is usually spread from person to person by coughing and sneezing. Flu season in Ohio can begin as early as October and run as late as March. However, it is not uncommon for sporadic cases to appear all year long. Most people who get the flu usually recover in one to two weeks, but the flu can be deadly. An estimated 200,000 people are hospitalized with the flu each year in the U.S. On average, it is estimated that there are more than 20,000 flu related deaths – many of which could have been prevented with a flu vaccine (Ohio Department of Health, 2023).

Wayne County had 92 influenza associated hospitalizations reported in 2024. The 5-year historical average for Wayne County is 62 hospitalizations. The number of hospitalization reported in 2024 is 48% higher than the historical average. The influenza associated hospitalization rate for Wayne County is 79 per 100,000

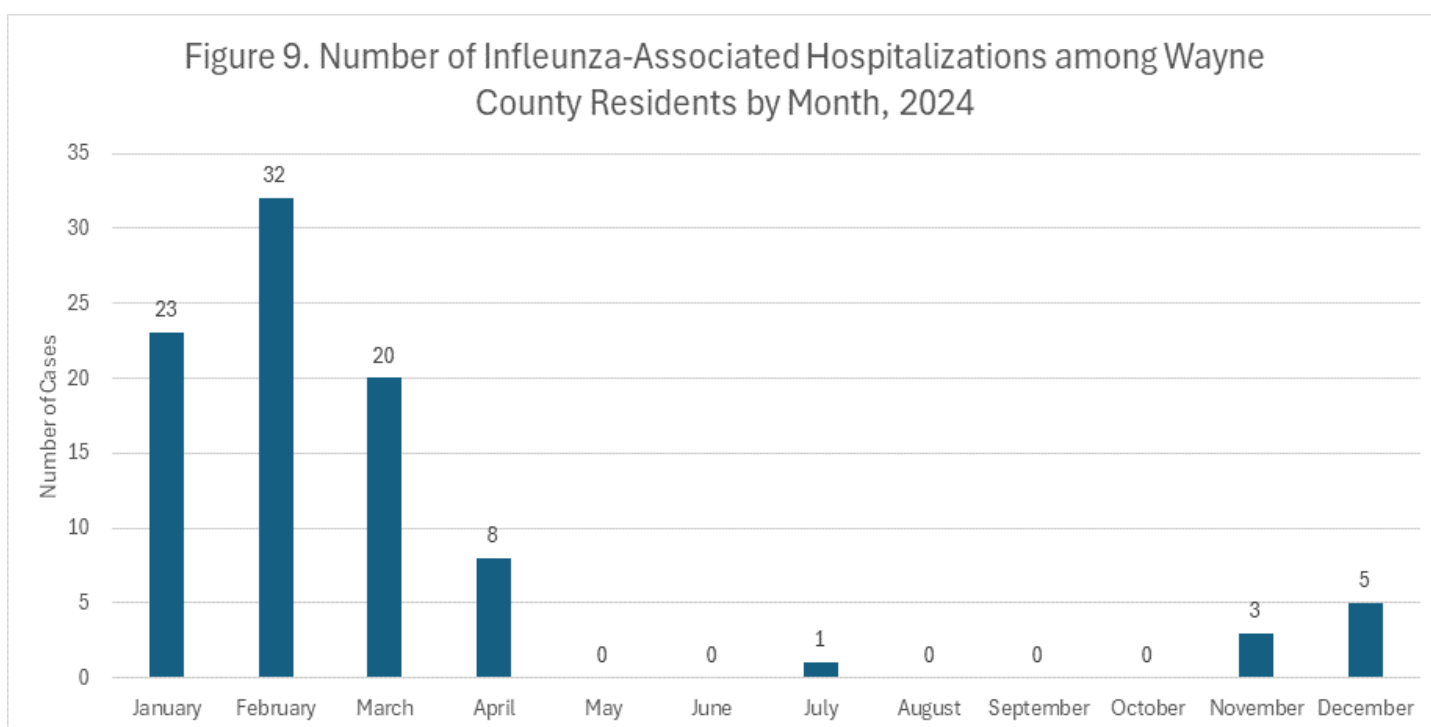


Figure 13 displays the number of Influenza Associated Hospitalizations reported by month. The highest number of hospitalizations were reported in January (23 hospitalizations), February (32) and March (20) which accounted for 82% of the hospitalizations reported during the year. This pattern is consistent with previous years.

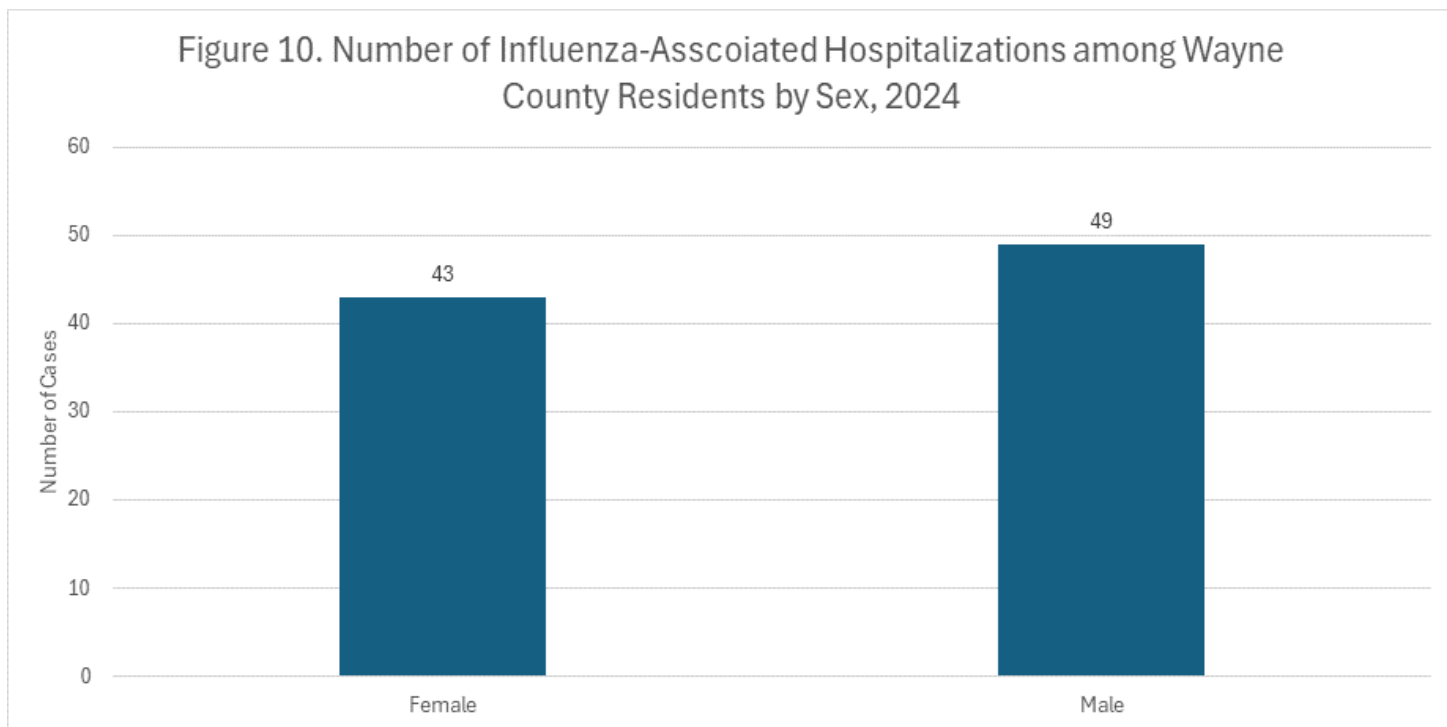


Figure 10 displays the number of influenza associated hospitalizations by sex. The number of hospitalizations were higher among males (49 hospitalizations) compared to females (43 hospitalizations).

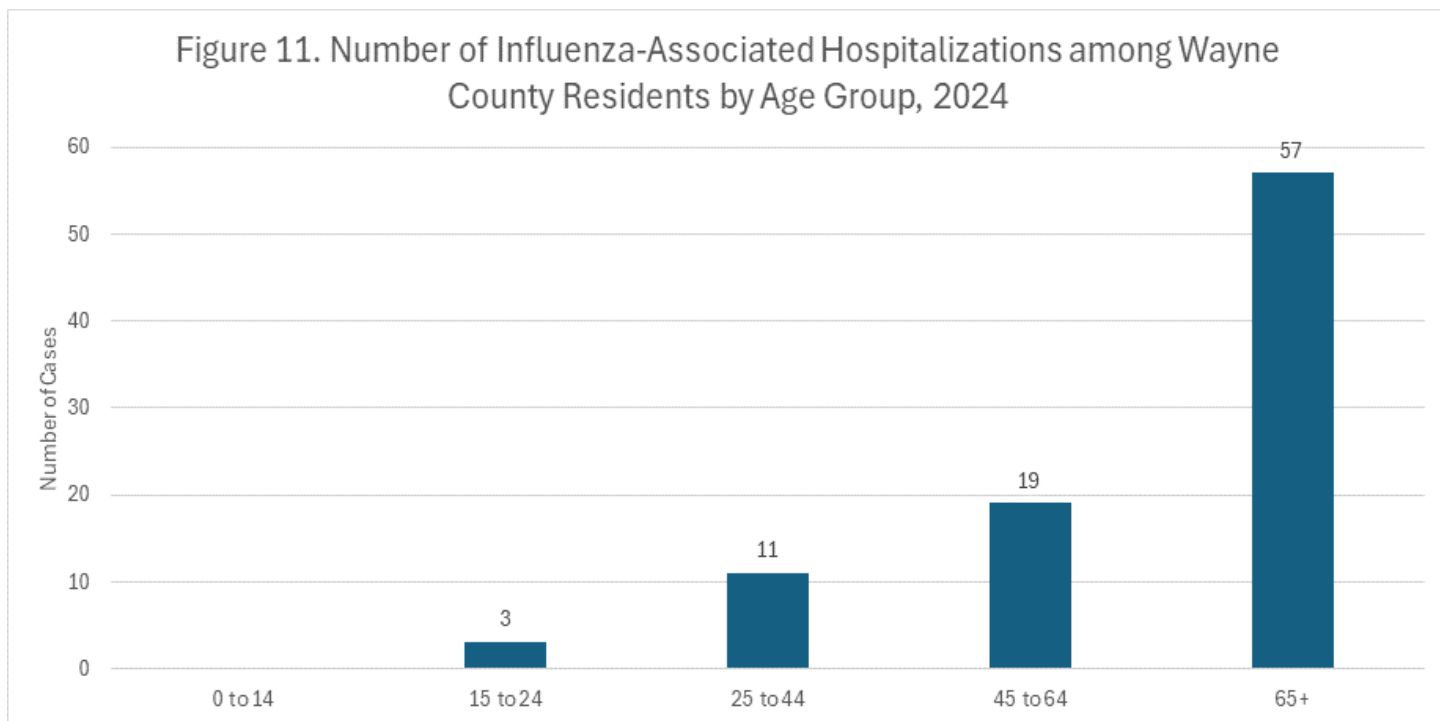


Figure 11 displays the number of influenza hospitalizations by age group. The majority of hospitalizations were found among the 65+ and the 45 to 64 age groups which accounted for 83% of the hospitalizations reported. The number of hospitalizations among the 0 to 14 age group did not meet the minimum reporting requirements of 3.

Figure 12. Number of Influenza-Associated Hospitalizations by Race and Ethnicity, 2024

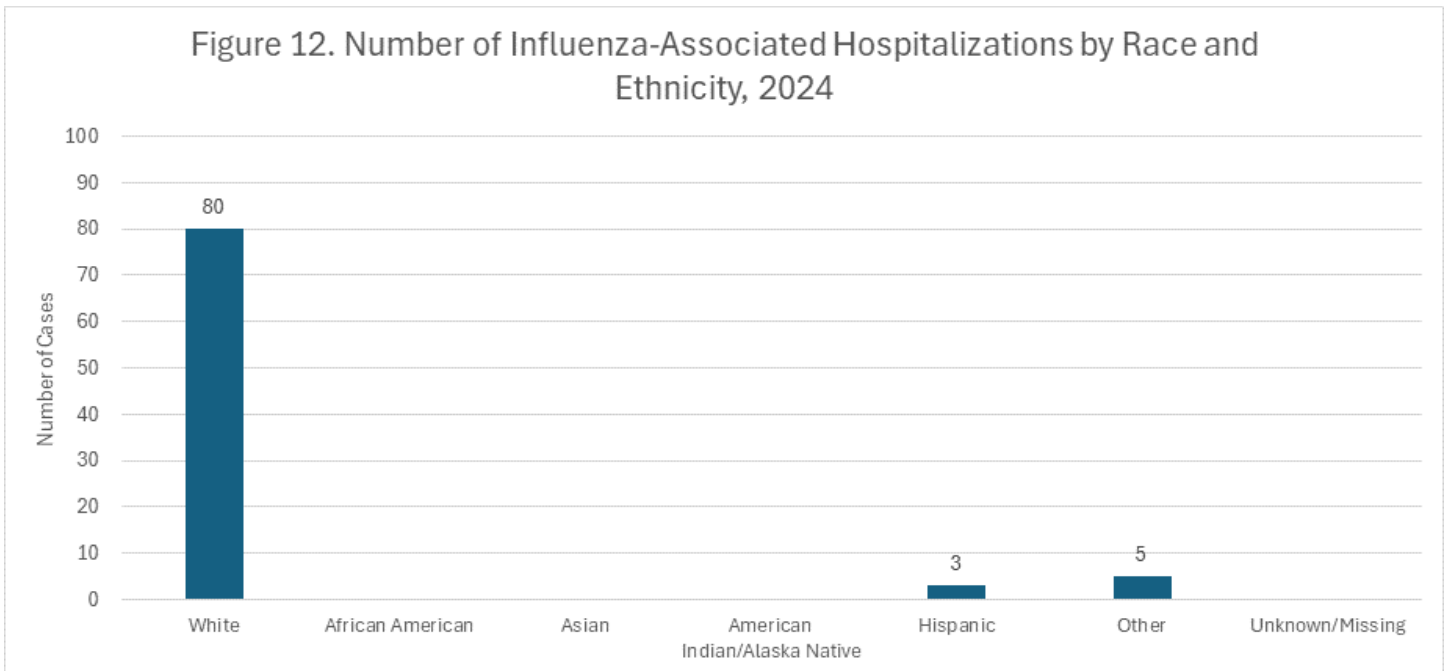


Figure 12 shows the number of hospitalizations by race and ethnicity. Most hospitalizations were identified as White (87%). Hospitalizations rates were higher among Hispanics compared to Whites. The number of hospitalizations among Asians, African Americans, and American Indians/Alaska Natives did not meet the minimum reporting requirement.

Table 4: Number and Rate of Influenza Associated Hospitalizations Reported by Zip Code

Zip Code	Village	Hospitalizations	Rate per 100,000
44214	Burbank	*	*
44216	Clinton	0	0
44217	Creston	*	*
44230	Doylestown	12	156
44270	Rittman	10	130
44276	Sterling	*	*
44287	West Salem	*	*
44606	Apple Creek	4	49
44611	Big Prairie	0	0
44618	Dalton	5	74
44624	Dundee	0	0
44627	Fredericksburg	4	93
44636	Kidron	0	0
44638	Lakeville	0	0
44645	Marshallville	0	0
44659	Mt. Eaton	0	0
44662	Navarre	0	0
44666	North Lawrence	0	0
44667	Orrville	15	109
44676	Shreve	4	108
44677	Smithville	0	0
44691	Wooster	31	69
44840	Jeromesville	0	0

Table 4 displays the number and rate of Influenza Associated Hospitalizations by zip code. The highest number of hospitalizations were found in the 44691 (31), 44667 (15), 44230 (12), and 44270 (10) zip codes. These zip codes accounted for 74% of hospitalizations reported.

The highest rates of hospitalizations were found in the 44230 (156 per 100,000) and 44270 (130 per 100,000) zip codes. These zip codes accounted for 24% of all cases reported.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code.

## Gonococcal Infection Data Summary

Gonorrhea is a sexually transmitted infection (STI) that can infect both men and women. It can cause infections in the genitals, rectum, and throat. It is a very common infection, especially among sexually active young people ages 15-24 years (CDC, 2018).

44 cases of Gonococcal Infection reported in 2024. The 5-year historical average for Wayne County is 69 cases. The number of cases reported in 2024 is 36% lower than the historical average. The Gonococcal Infection rate for Wayne County is 38 per 100,000 which is well below the state average of 169 per 100,000 in 2023.

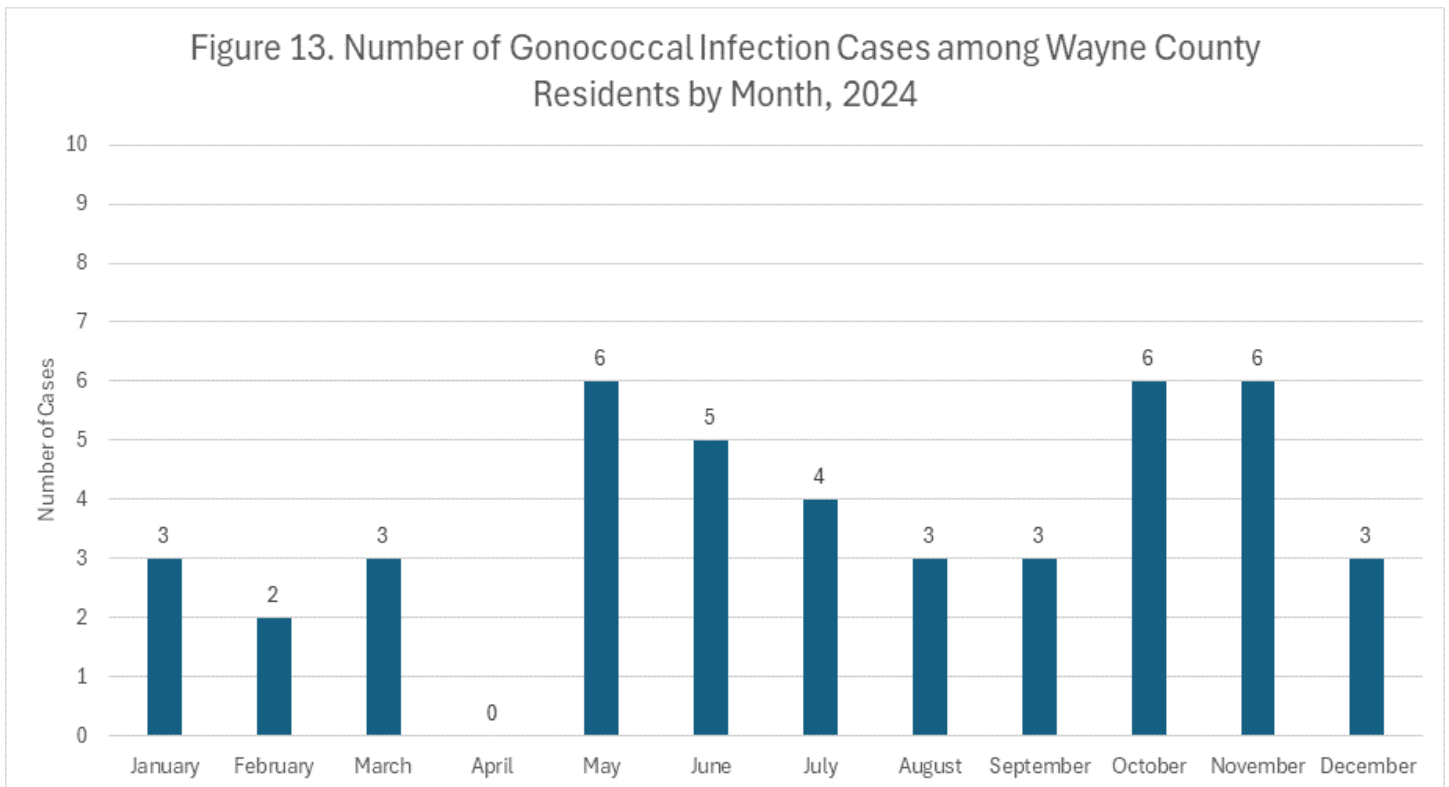


Figure 13 displays Gonococcal Infections by month. The highest number of Gonorrhea cases were reported in July (6 cases), October (6), November (6) and June (5 cases). These months accounted for 52% of the cases reported during the year.

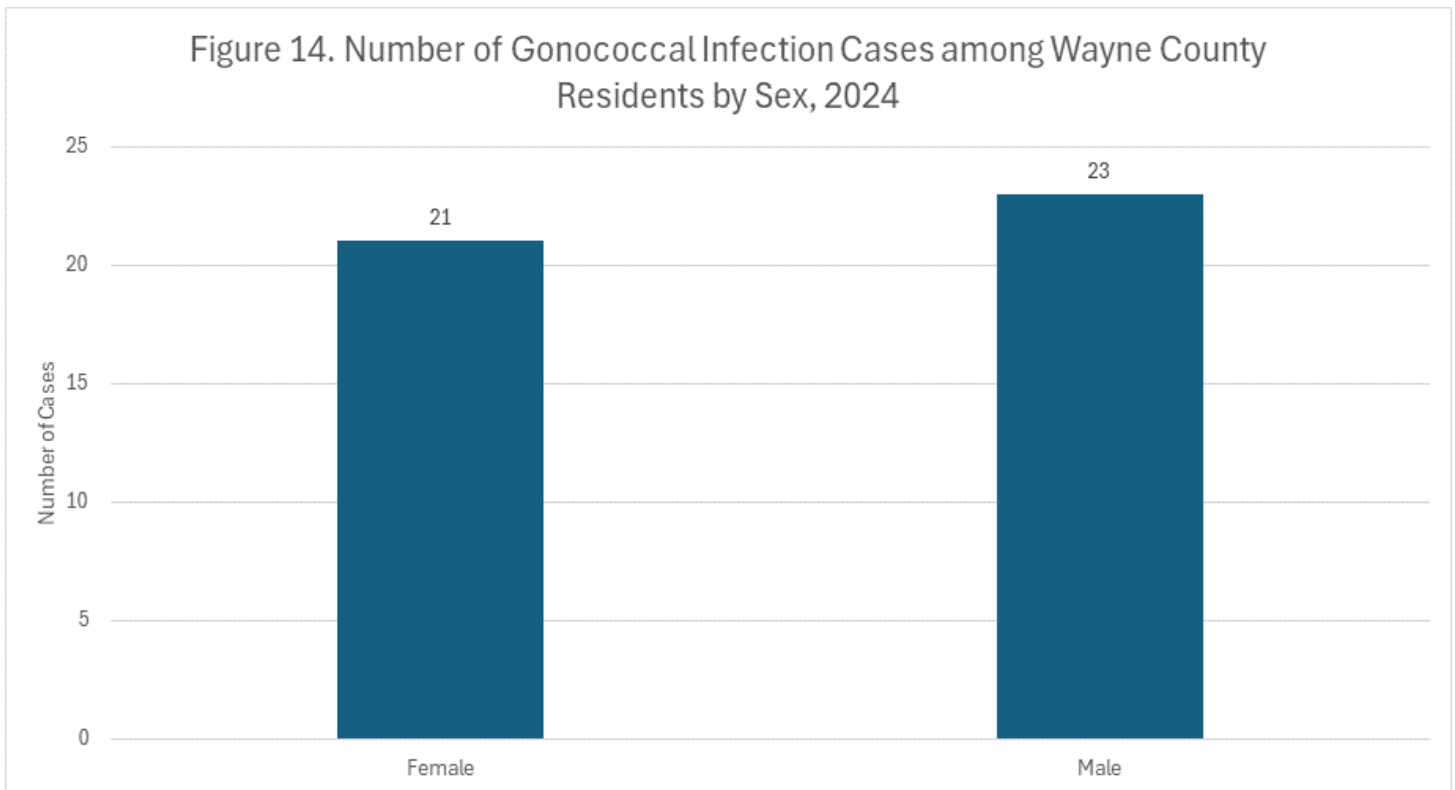


Figure 14 displays the number of Gonococcal Infection cases by sex. The number of cases was slightly higher among males compared to females. This pattern is not consistent with the historical average.

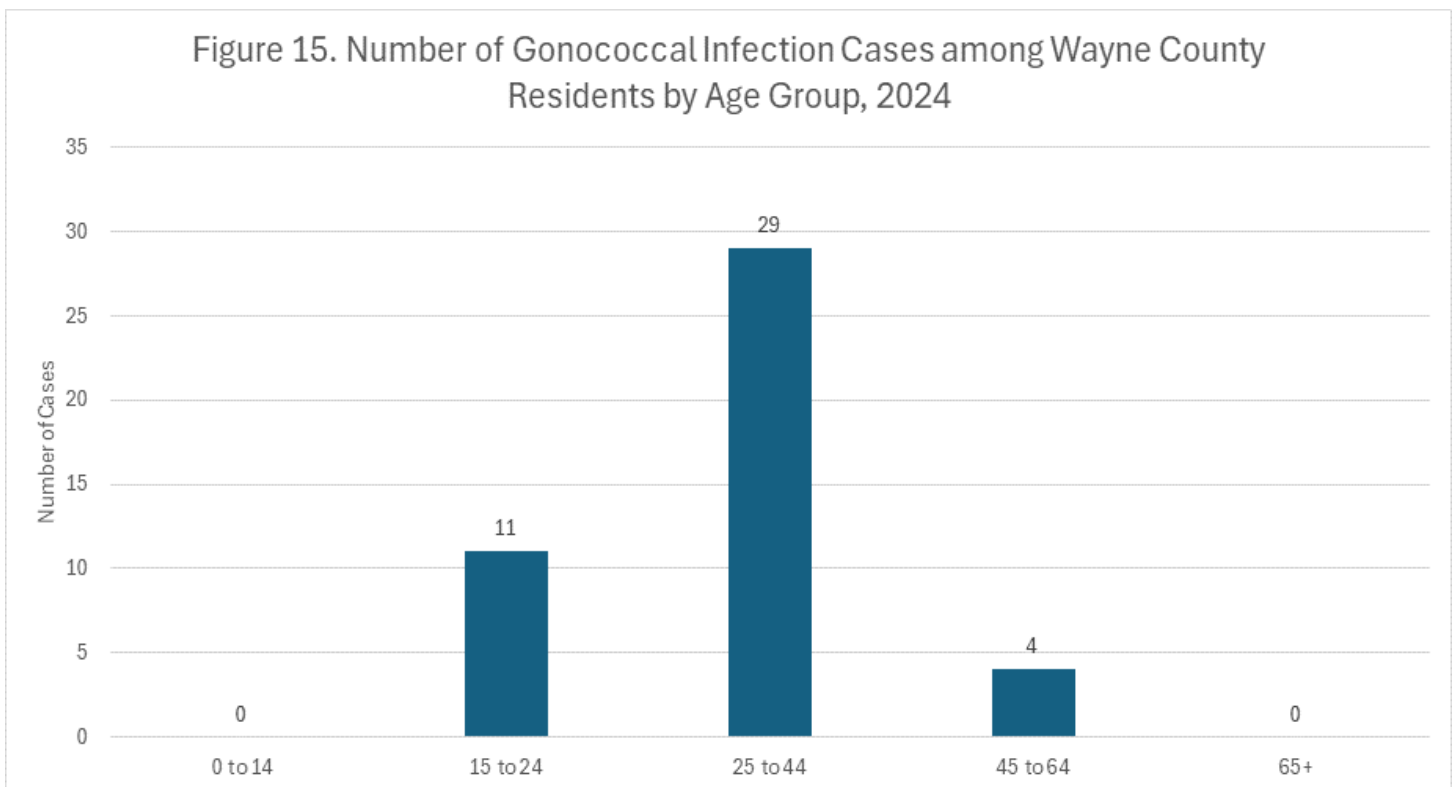


Figure 15 displays the number of reported Gonococcal Infections by age group. The majority of cases were found among the 15 to 24 and the 25 to 44 age group which accounted for 91% of cases reported. This pattern is consistent with the historical average.

Figure 16. Number of Gonococcal Infection Cases among Wayne County Residents by Race and Ethnicity, 2024

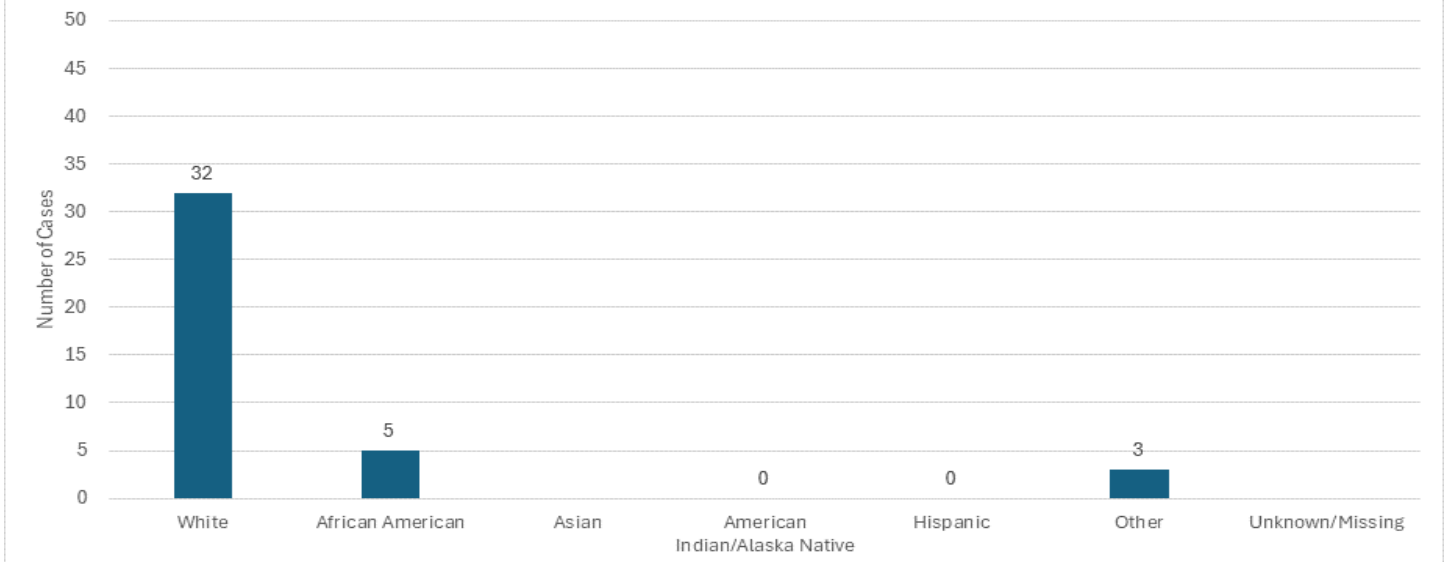


Figure 12 shows the number cases reported by race and ethnicity. Most cases were identified as White (73%). However, rates were 6x higher among African Americans (168 per 100,000) compared to Whites (29 per 100,000). The number of cases among Asians did not meet the minimum reporting requirements.

Table 5: Number and Rate of Gonococcal Infection Cases Reported by Zip Code

Zip Code	Village	Cases	Rate per 100,000
44214	Burbank	0	0
44216	Clinton	0	0
44217	Creston	*	*
44230	Doylestown	4	52
44270	Rittman	7	91
44276	Sterling	*	*
44287	West Salem	*	*
44606	Apple Creek	*	*
44611	Big Prairie	0	0
44618	Dalton	*	*
44624	Dundee	0	0
44627	Fredericksburg	0	0
44636	Kidron	*	*
44638	Lakeville	0	0
44645	Marshallville	*	*
44659	Mt. Eaton	0	0
44662	Navarre	0	0
44666	North Lawrence	0	0
44667	Orrville	*	*
44676	Shreve	0	0
44677	Smithville	0	0
44691	Wooster	20	45
44840	Jeromesville	0	0

Table 5 displays the number and rate of Gonococcal Infections by zip code. The highest number of cases were found in the 44691 (20 cases), 44270 (7), and 44230 (4) zip code. These zip codes accounted for 70% of cases reported.

The highest rates of Gonococcal Infections were found in the 44270 (91 per 100,000). This zip code accounted for 16% of the cases reported.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code.

## Campylobacteriosis Data Summary

Campylobacter infection, or Campylobacteriosis, is an infectious disease caused by Campylobacter bacteria. It is one of the most common causes of diarrheal illness in the United States. The Foodborne Diseases Active Surveillance Network (FoodNet) indicates that about 14 cases are diagnosed each year for every 100,000 people. Many more cases go undiagnosed or unreported. CDC estimates Campylobacter infection affects more than 1.3 million people every year. Most cases are not part of recognized outbreaks, and more cases occur in summer than in winter (CDC, 2018).

In 2024, 30 cases of Campylobacteriosis were reported to the Wayne County Health Department. The number of reported cases in 2024 is 3% below the 5-year historical average of 31 cases. The Campylobacteriosis rate for Wayne County is 26 per 100,000 which is above the state average of 19 per 100,000.

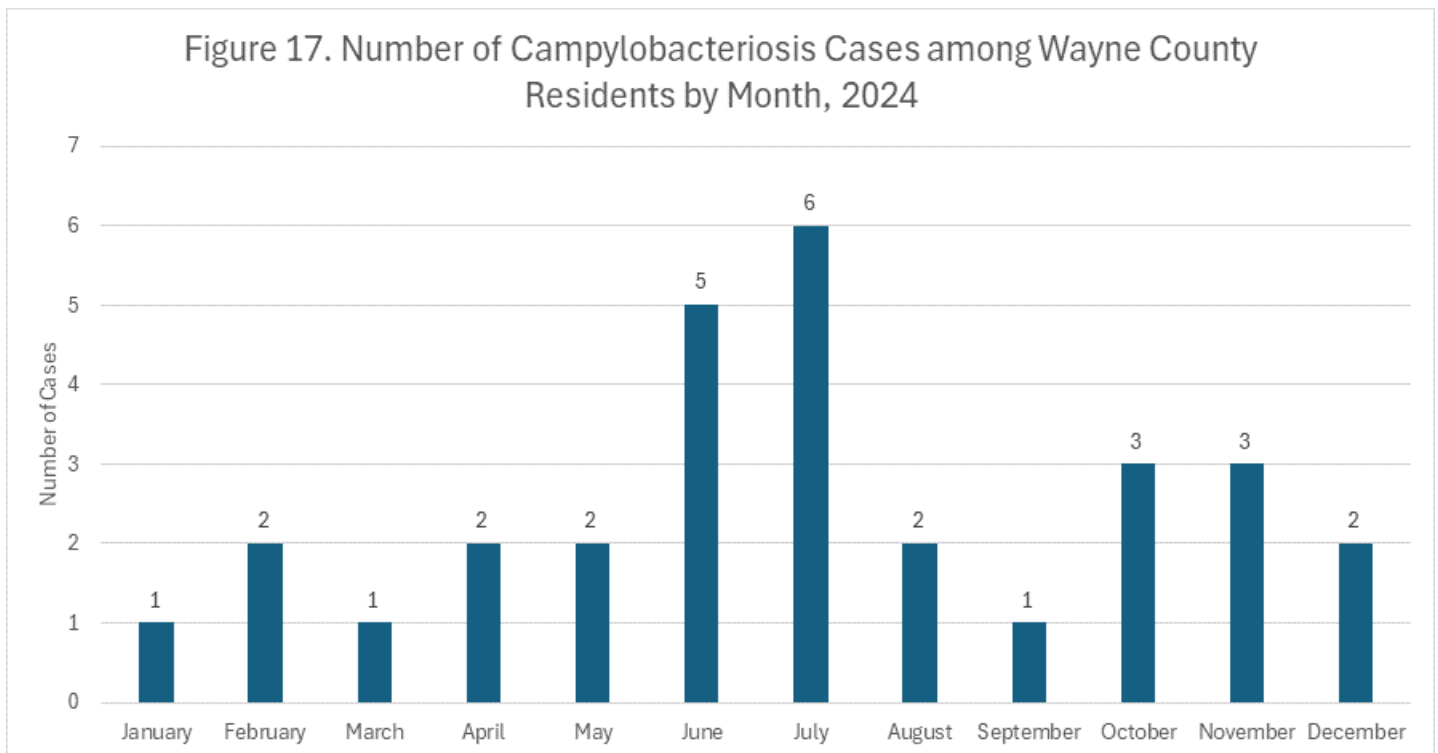


Figure 17 displays the number of Campylobacteriosis cases reported by month. The highest number of cases were reported in July (6) and June (5). These months accounted for 37% of the cases reported during the year. The lowest number of cases were reported in January, March, and September.

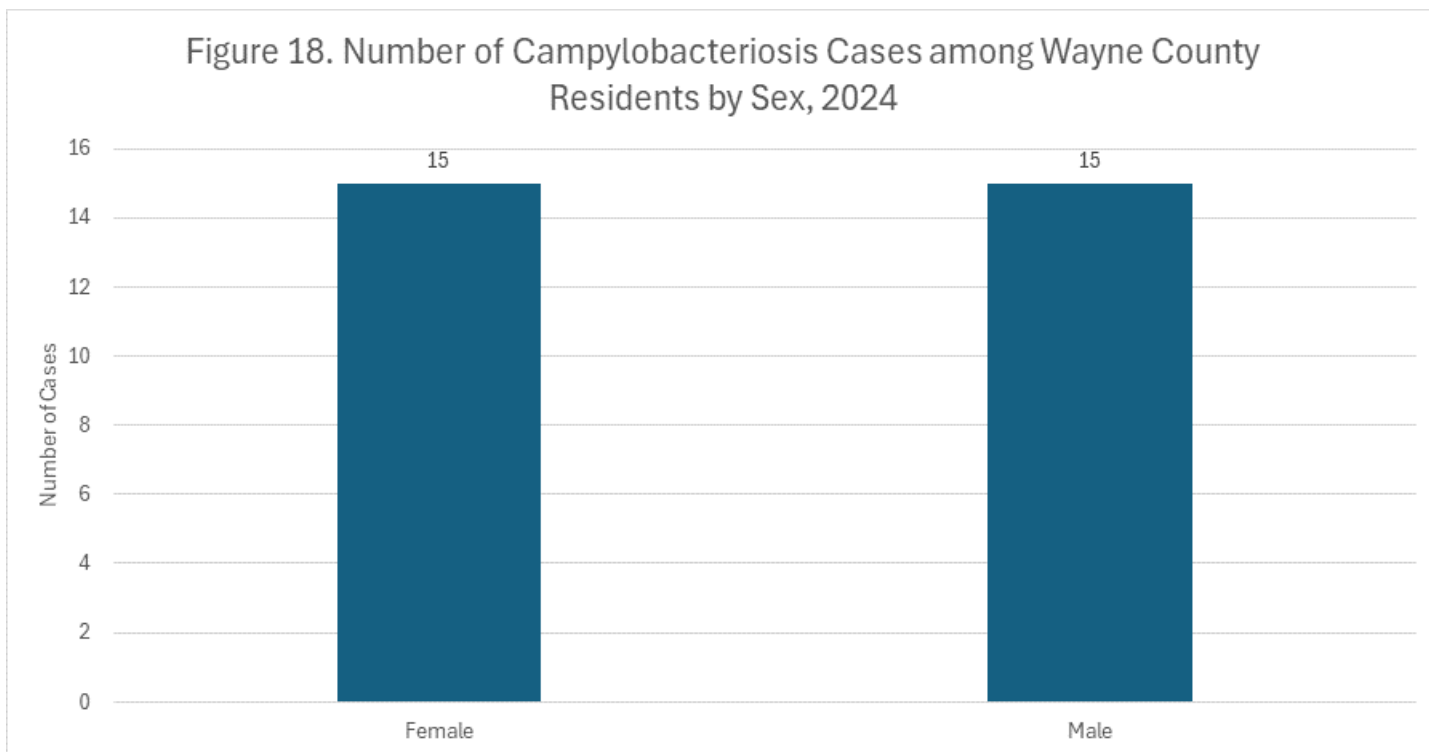


Figure 18 displays the number of Campylobacteriosis cases by sex. The number of cases was evenly split among males (15) and females (15).

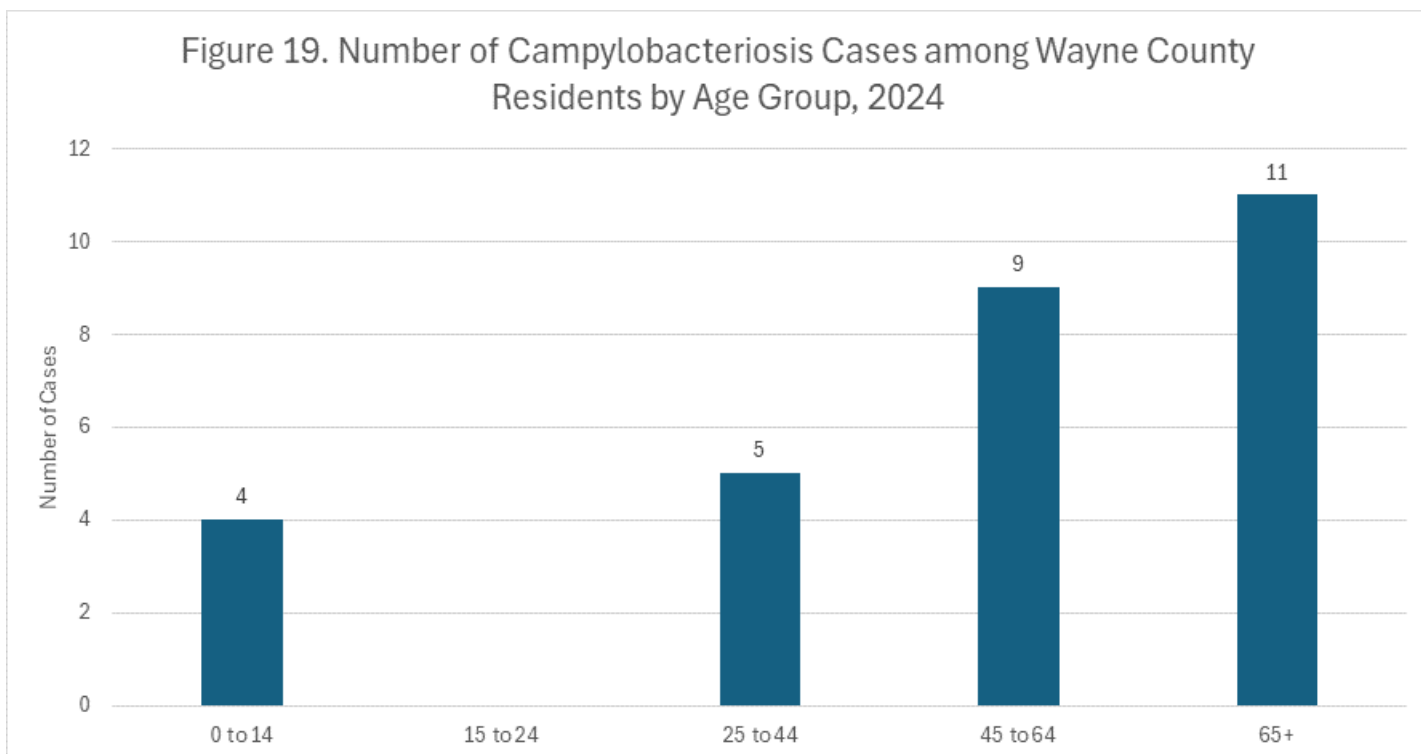


Figure 19 displays the number of reported Campylobacteriosis cases by age group. The majority of cases were found among the 45 to 64 and 65+ age groups which accounted for 67% of the cases reported. The number of cases in the 15 to 24 age group did not meet the minimum reporting requirement of 3 cases.

Figure 20 Number of Campylobacteriosis Cases among Wayne County Residents by Race and Ethnicity, 2024

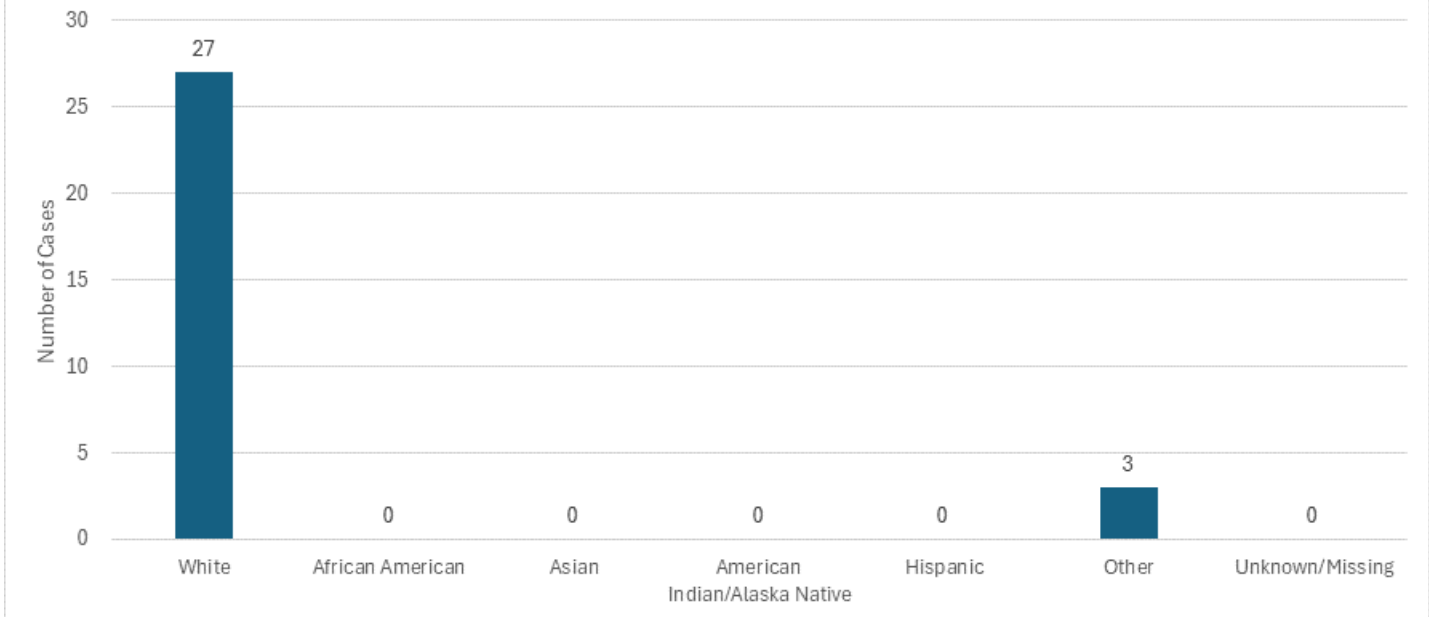


Figure 20 shows the number of Campylobacteriosis reported by race and ethnicity. 90% of the reported cases occurred among Whites.

**Table 6: Number and Rate of Campylobacteriosis Cases Reported by Zip Code**

Zip Code	Village	Cases	Rate per 100,000
44214	Burbank	*	*
44216	Clinton	0	0
44217	Creston	0	0
44230	Doylestown	*	*
44270	Rittman	3	39
44276	Sterling	0	0
44287	West Salem	*	*
44606	Apple Creek	0	0
44611	Big Prairie	0	0
44618	Dalton	0	0
44624	Dundee	0	0
44627	Fredericksburg	*	*
44636	Kidron	0	0
44638	Lakeville	0	0
44645	Marshallville	*	*
44659	Mt. Eaton	0	0
44662	Navarre	0	0
44666	North Lawrence	0	0
44667	Orrville	4	29
44676	Shreve	*	*
44677	Smithville	*	*
44691	Wooster	12	27
44840	Jeromesville	0	0

Table 6 displays the number and rate of reported Campylobacteriosis cases by zip code. The highest number of cases were found in the 44691 (12) zip code. These zip codes accounted for 40% of cases reported.

The highest case rates were found in the 44270 (39 per 100,000) zip code. This zip codes accounted for 10% of all cases reported.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code.

## Lyme Disease Data Summary

Lyme disease, a tick-borne zoonosis caused by certain species of *Borrelia* spirochetes, is the most common vector borne disease in the United States. The bacteria that causes Lyme disease is only transmitted through the bites of infected blacklegged ticks (a.k.a., deer ticks). Blacklegged ticks have four life stages (egg, larva, nymph, and adult), but the tiny nymphs cause most cases of infection because they are active in the late spring and summer when people are more active outdoors. Blacklegged tick nymphs are very small and their bites cause very little or no itch or irritation, which is why most people never realize they have been bitten unless the tick attaches to a part of the body that is in plain sight. Lyme disease is not transmitted from one person to another.

30 cases of Lyme Disease were reported among Wayne County residents in 2024. This number is 150% higher than the 5-year historical average of 12. The Lyme Disease case rate for Wayne County is 26 per 100,000 which is higher than the state average of 11 per 100,000 in 2023.

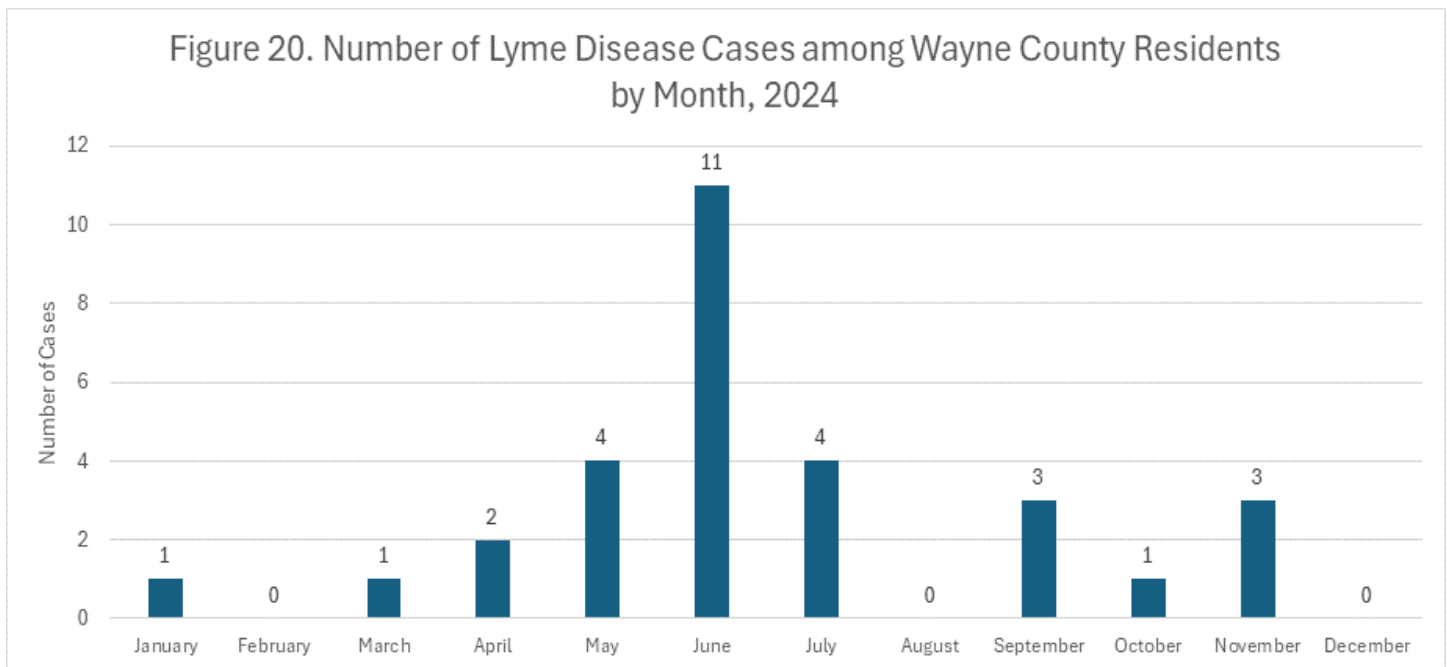


Figure 17 displays the number of Lyme Disease cases reported by month. The highest number of cases occurred in June (11 cases), May (4), and July (4). These months accounted for 63% of the cases reported during the year. The distribution of cases by month is similar to the historical average.

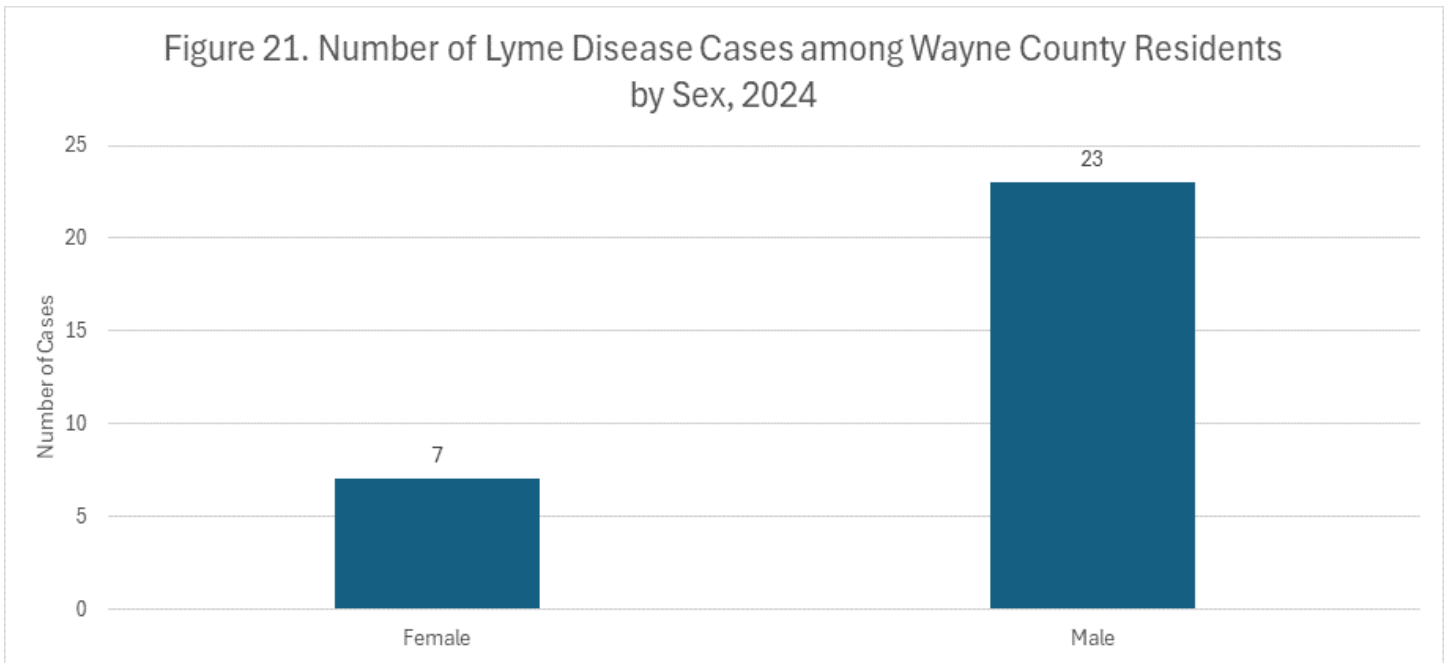


Figure 21 displays the number of reported Lyme Disease cases by sex. The number of cases were higher among males (23) compared to females (7). This pattern is similar to the historical average.

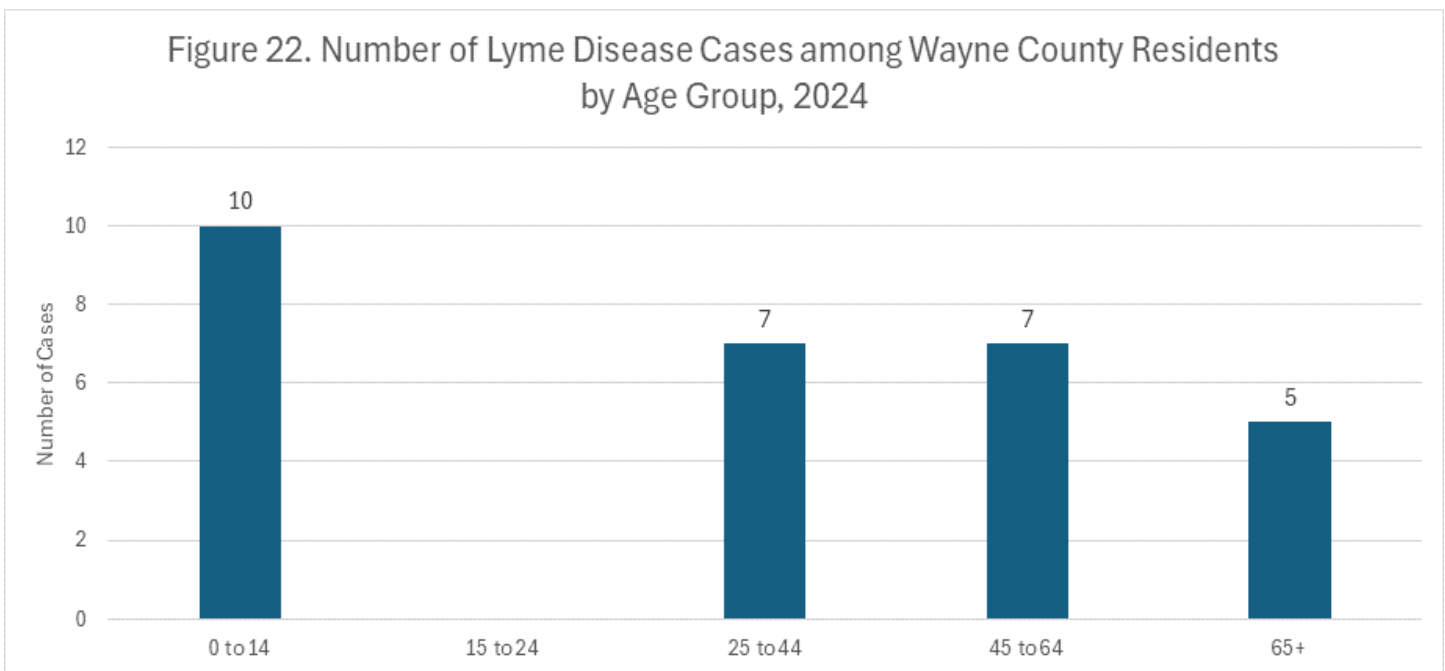


Figure 22 displays the number of reported Lyme Disease cases by age group. The highest number of cases were found among the 0 to 14 age group which accounted for 33% of the cases reported. The number of cases among the 15 to 24 age group did not meet the minimum reporting requirement of 3.

Figure 23. Number of Lyme Disease Cases among Wayne County Residents by Race and Ethnicity, 2024

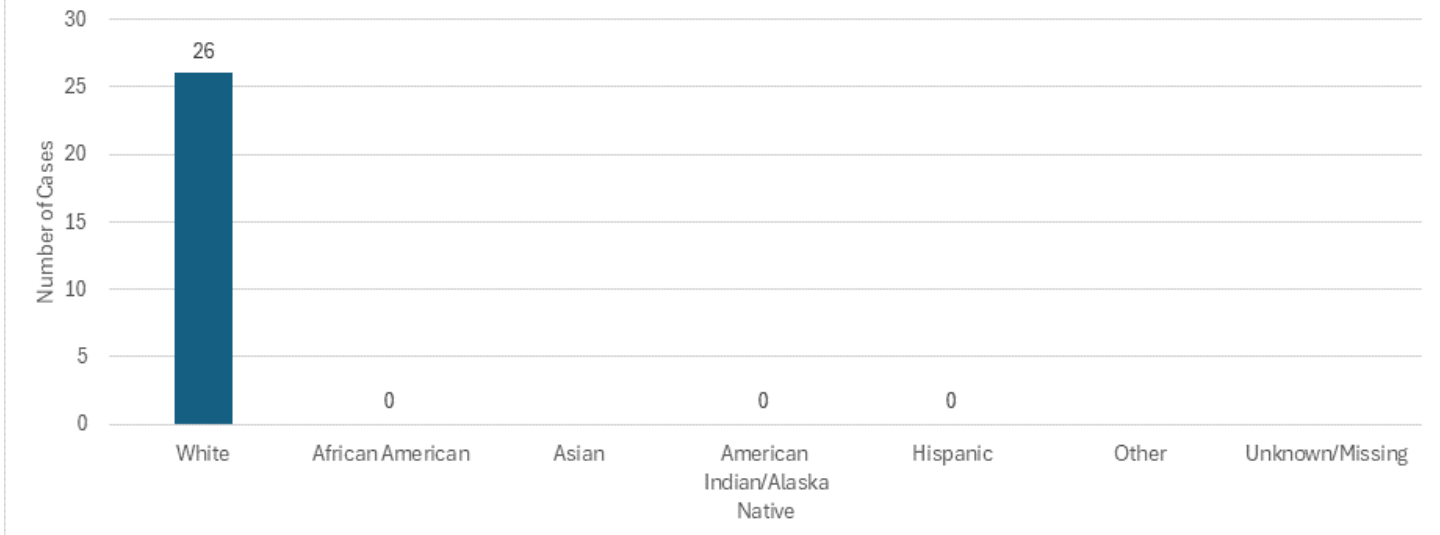


Figure 23 shows the number Lyme Disease cases by race and ethnicity. Nearly all of the reported cases occurred among Whites (87%). The number of reported cases among Asians, Other Races, and those with a missing race or ethnicity did not meet the minimum reporting requirement of 3 cases.

Table 7: Number and Rate of Lyme Disease Cases Reported by Zip Code

Zip Code	Village	Cases	Rate per 100,000
44214	Burbank	0	0
44217	Creston	0	0
44230	Doylestown	*	*
44270	Rittman	*	*
44273	Seville	0	0
44276	Sterling	0	0
44287	West Salem	0	0
44606	Apple Creek	4	49
44611	Big Prairie	0	0
44618	Dalton	*	*
44624	Dundee	0	0
44627	Fredericksburg	3	70
44636	Kidron	0	0
44638	Lakeville	0	0
44645	Marshallville	0	0
44659	Mt. Eaton	0	0
44662	Navarre	*	*
44666	North Lawrence	*	*
44667	Orrville	*	*
44676	Shreve	*	*
44677	Smithville	0	0
44691	Wooster	13	29
44840	Jeromesville	0	0

Table 7 displays the number and rate of reported Lyme Disease cases by zip code. The highest number of cases were found in the 44691 (13), 44606 (4), and 44627 (3) zip codes. These zip codes accounted for 67% of all cases reported.

The highest case rates were found in the 44627 (70 per 100,000) and 44606 (49 per 100,000) zip codes. These zip codes accounted for 23% of cases reported.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code.

## Appendix A: Covid-19 Data Summary

- **1,676 cases of COVID-19** were reported to the Wayne County Health Department in 2024. The number of reported cases **decreased 34%** from the 2,663 reported in 2023.
- **127 COVID-19 cases** were hospitalized in 2024. The number of hospitalized cases **decreased 11%** from 142 in 2023.
- **14 Wayne County residents died from COVID-19** in 2024. The number of COVID-19 deaths in 2024 is **33% lower** than the number of COVID-19 deaths in 2023 (21 deaths).

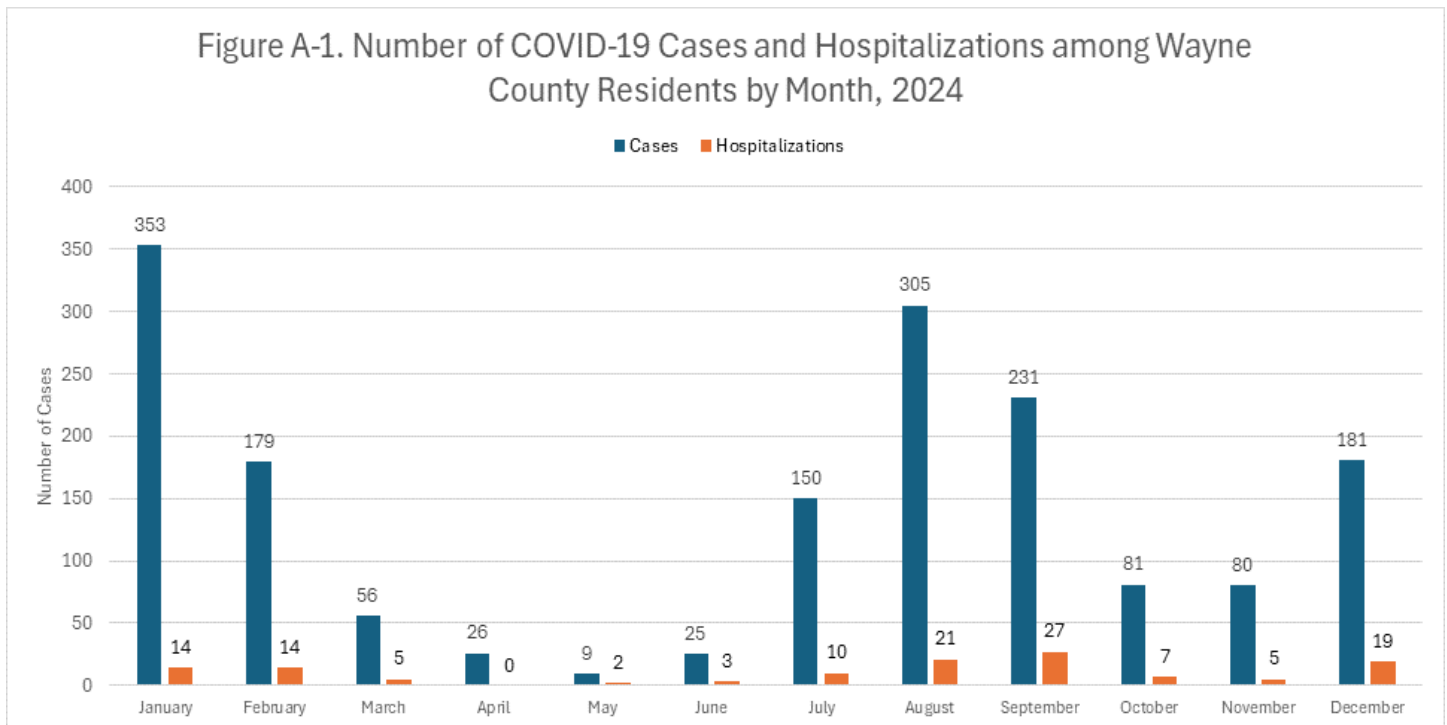


Figure A-1 shows the number of COVID-19 cases and hospitalizations reported by month. The highest number of cases occurred in January (353) and August (305). These months accounted for 39% of cases in 2024. The lowest number of cases were reported during the months of April, May, and June.

The highest number of hospitalizations occurred in September (27), August (21), and December (19). These months accounted for 53% of hospitalizations. The lowest number of hospitalizations were reported in April through June.

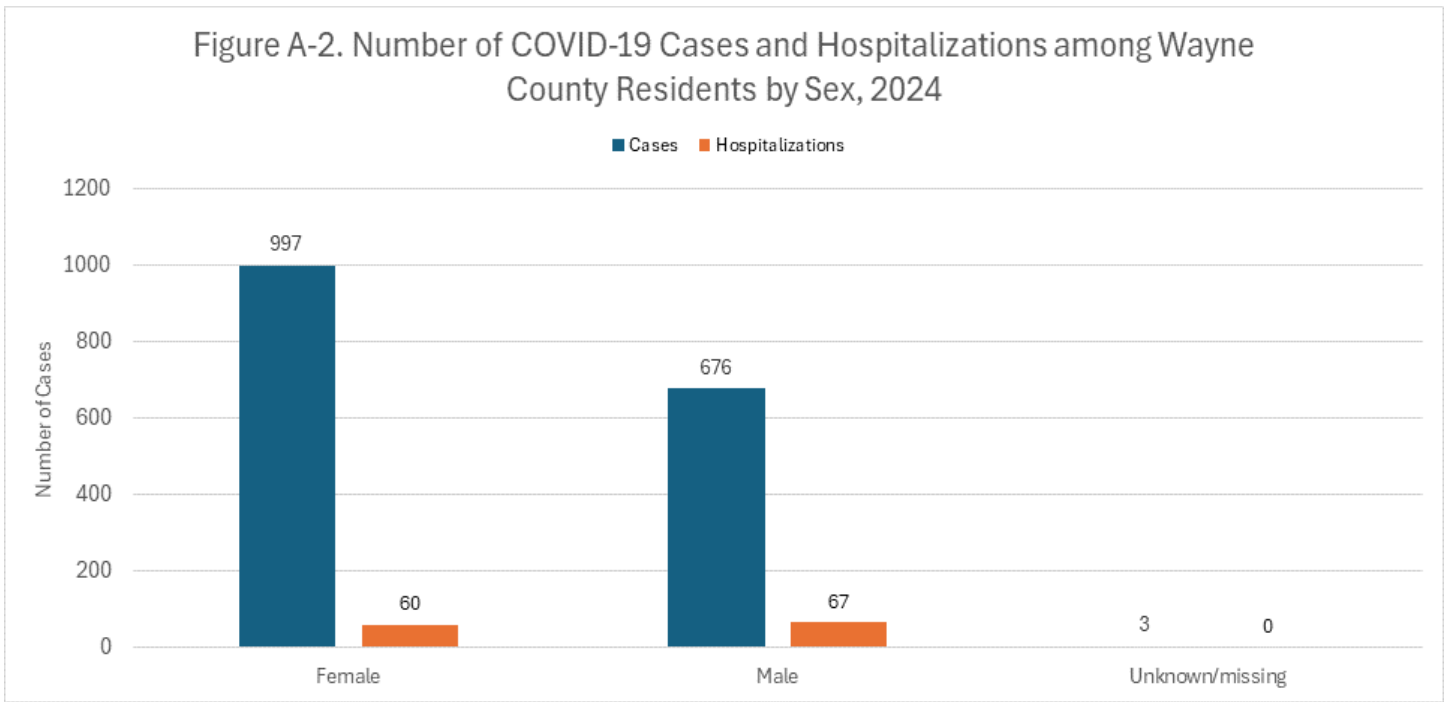


Figure A-2 displays the number of reported Covid-19 cases and hospitalizations by sex. The number of reported cases was higher among females (997) compared to males (676) while the number of hospitalizations was higher among males (67) than females (60).

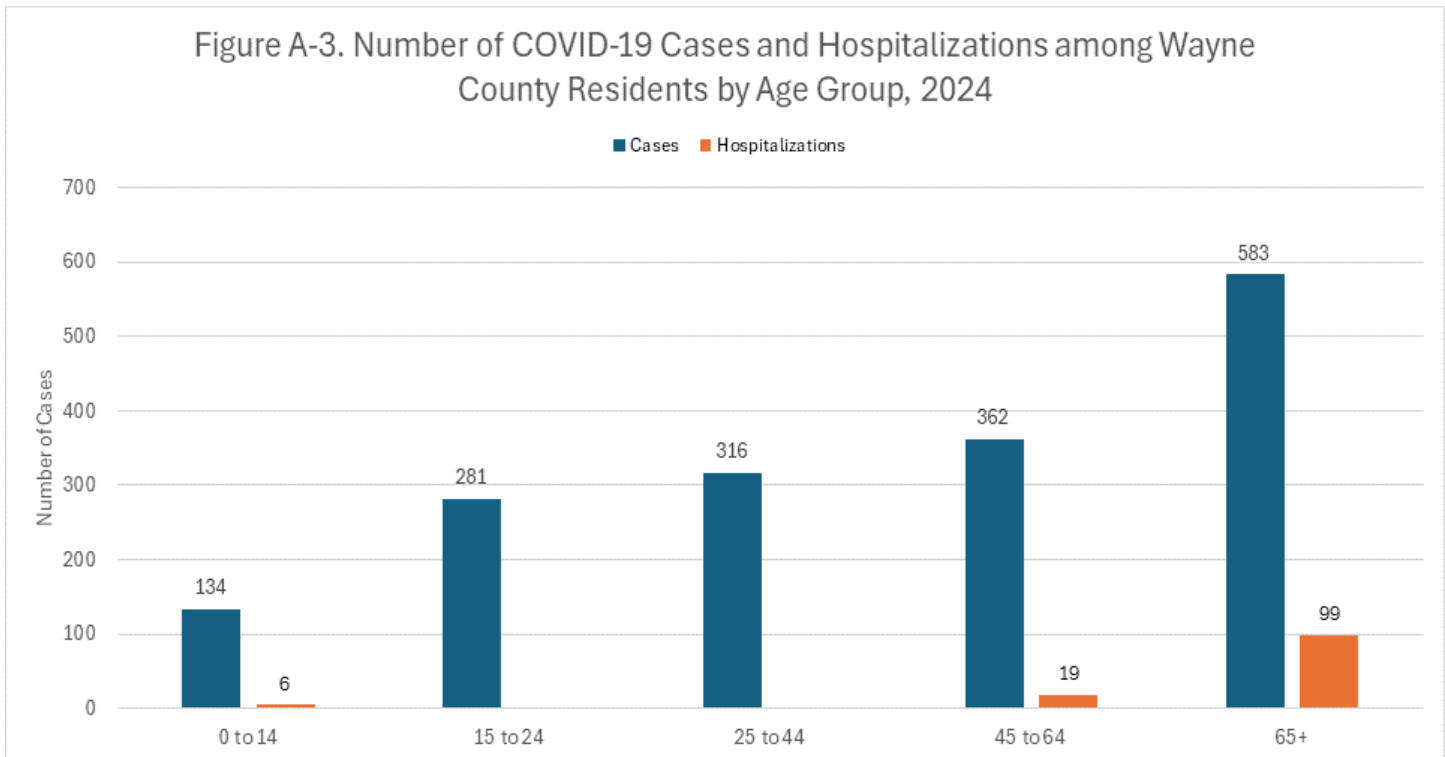


Figure A-3 shows the age distribution of Covid-19 cases and hospitalizations reported in 2024. The number of cases increased with age. The highest number of hospitalizations were among 65+ age group (99). This age group accounted for 78% of hospitalizations reported. The number of hospitalizations among those 15 to 24 and 25 to 44 did not meet the minimum reporting requirements.

Figure A-4. Number of COVID-19 Cases and Hospitalizations among Wayne County Residents by Race and Ethnicity, 2024

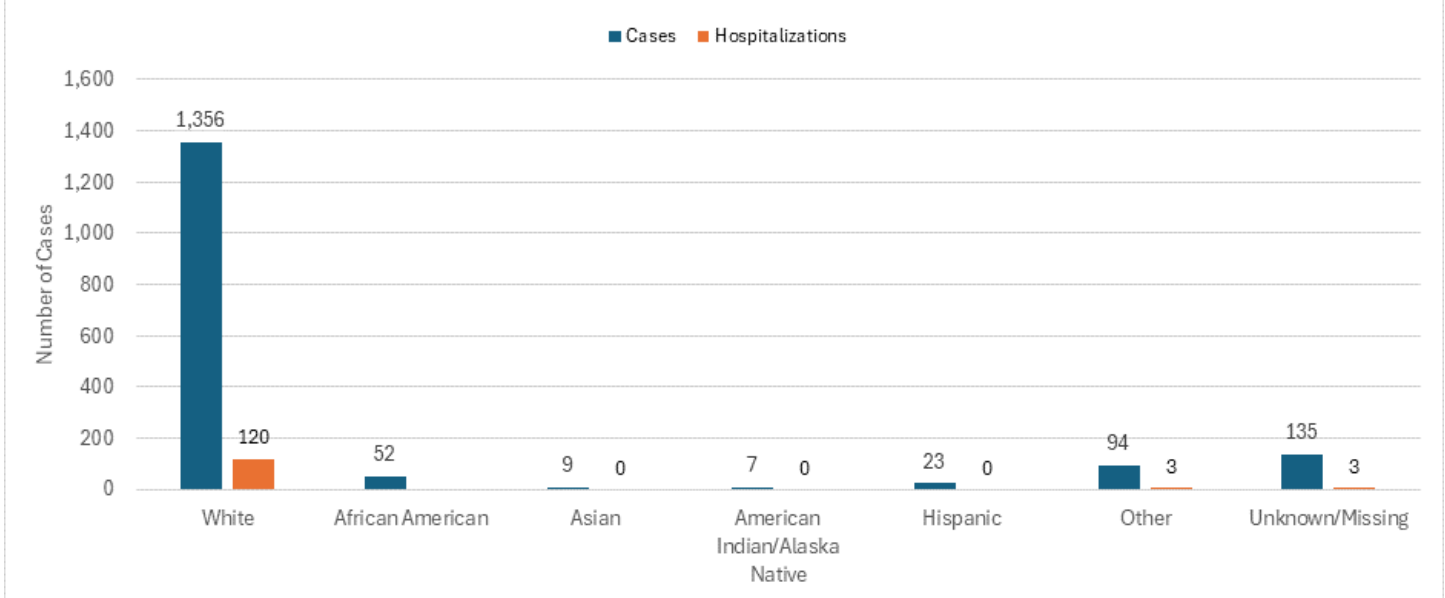


Figure A-4 shows the number of COVID-19 cases and hospitalizations reported by race and ethnicity. Most cases (81%) and hospitalizations (94%) were identified as White. The number of hospitalizations did not meet the minimum reporting requirements among African Americans.

Table A-1: Number and Rates of Covid-19 Cases Reported by Zip Code

Zip Code	Village	Cases	Rate per 100,000
44214	Burbank	23	1,178
44217	Creston	41	1,065
44230	Doylestown	99	1,291
44270	Rittman	175	2,271
44273	Seville	0	0
44276	Sterling	12	593
44287	West Salem	64	1,400
44606	Apple Creek	43	523
44611	Big Prairie	0	0
44618	Dalton	64	953
44624	Dundee	0	0
44627	Fredericksburg	13	304
44636	Kidron	*	*
44638	Lakeville	0	0
44645	Marshallville	26	997
44659	Mt. Eaton	*	*
44662	Navarre	4	656
44666	North Lawrence	*	*
44667	Orrville	222	1,618
44676	Shreve	45	1,210
44677	Smithville	30	1,070
44691	Wooster	787	1,763
44840	Jeromesville	0	0

Table A-1 displays the number and rate of Covid-19 cases by zip code. The 44691 (787 cases) and 44667 (222 cases) zip codes had the highest number of Covid-19 cases. This zip code accounted for 60% of all cases reported.

The highest rate of Covid-19 cases was found in the 44270 zip code (2,271 per 100,000) and 44667 (1,618 per 100,000) zip code. These zip codes accounted for 24% of all cases reported.

**Notes:**

Zip codes with less than 3 cases are marked with an \*.

Rates based on the 2020 U.S. Census Bureau population estimates for the Wayne County portion of the zip code.

## **Methods and Statistical Analysis:**

The data on cases were extracted from the Ohio Disease Reporting System (ODRS) on May 1, 2025. ODRS is a secure online database housed by the Ohio Department of Health. The system is used to track and investigate communicable disease cases reported to local health departments. Ohio Administrative Code 3701.23. requires health care providers to report communicable diseases that pose a risk to human fatality and disability. Local health departments are mandated by Ohio Revised Code to conduct communicable disease investigation. Cases are assigned a classification status based on the availability of a laboratory confirmed diagnosis or presentation of systems within an incubation period of a known exposure. Cases included in this report were classified as “Confirmed” (laboratory diagnosis) or “Probable” (symptoms after exposure to a known case) in ODRS for cases identified in the jurisdiction of the Wayne County Health Department with an event date in 2024. The Ohio Infectious Disease Control Manual provides a complete list of notifiable conditions for Ohio.

During the investigation process, demographic and geographic information are collected about cases. This information is used to analyze the distribution of cases by demographic characteristics such as sex, age, race, and ethnicity as well as geographic boundaries within the county. This report lists the number of cases for month of diagnosis, sex, race, ethnicity, age, and zip code for all notifiable diseases and notifiable diseases with 30 or more reported cases. The race and ethnic groups used in this report are based on a single category of race and ethnicity. Cases were counted as Hispanic independently of their race.

The report also provides rates per 100,000 for Wayne County as a whole and race and ethnic groups as well as zip codes. Rates are calculated by dividing the number of cases by the population and multiplying by 100,000. The population estimates used for Wayne County and race and ethnic groups are the 2022 5-year American Community Survey Estimates published by the U.S. Census Bureau. The population estimates used to calculate rates for zip codes is the Wayne County portion of the zip code. The most recent year available for zip code population data broken down by county is the 2020 Decennial Census estimate.