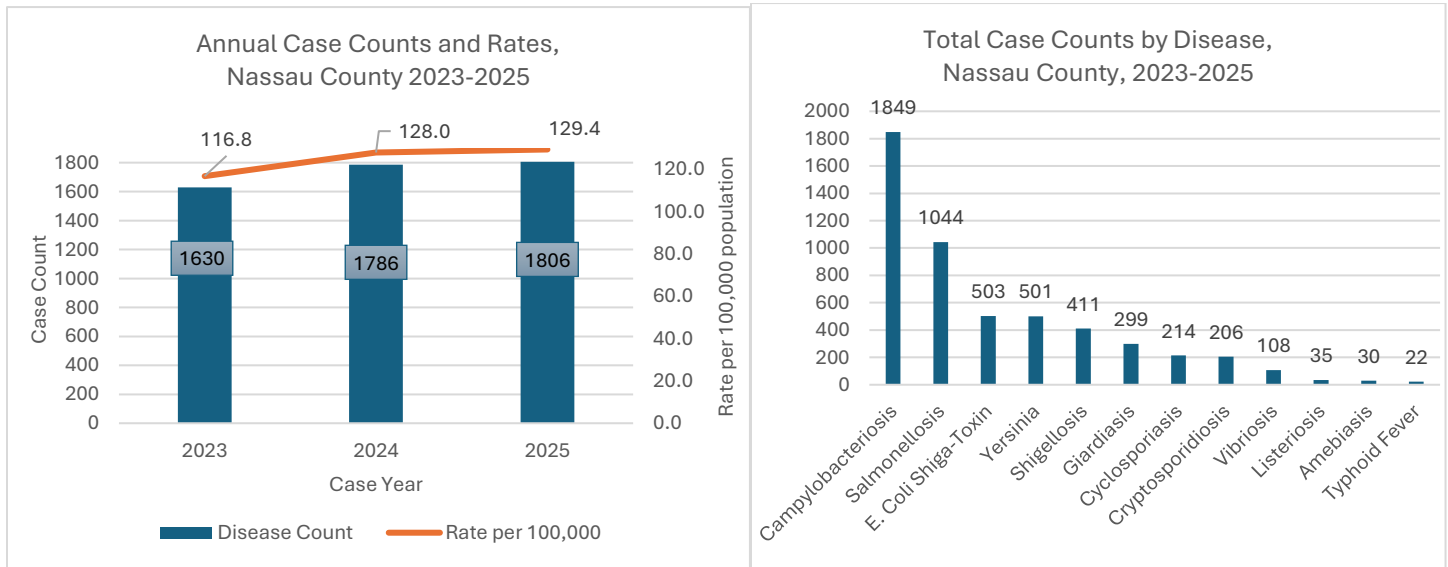


## Foodborne Disease Report

Nassau County, 2023-2025

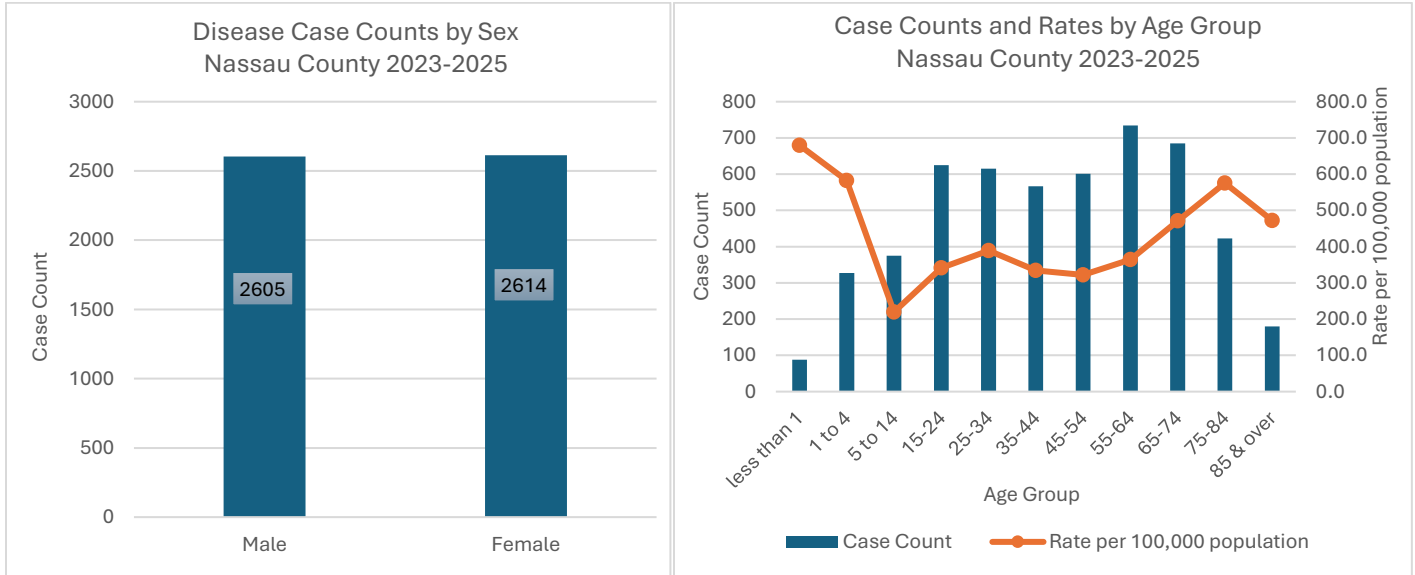
From 2023-2025 diseases primarily associated with foodborne illness were diagnosed as Campylobacteriosis (1,849), Salmonellosis (1,044), E. Coli Shiga Toxin (503), Yersiniosis (501), Shigellosis (411), Giardiasis (299), Cyclospora (214), and Cryptosporidiosis (206), Vibrio (108), Listeriosis (35), Amebiasis (30), and Typhoid (22). Combined, these diseases accounted for 5,222 cases. Most of these diseases showed increasing case counts over time. Campylobacteriosis was the most frequent disease, with the highest average rate (1849 cases, 44.2 per 100K).



Annual Case Counts and 3-yr Average Rate by Disease, Nassau County, 2023-2025						
Disease	2023	2024	2025	Disease Total	Average Rate per 100,000 population	
Amebiasis	13	9	8	30	0.7	
Campylobacteriosis	561	625	663	1849	44.2	
Cryptosporidiosis	61	60	85	206	4.9	
Cyclosporiasis	86	77	51	214	5.1	
E. Coli Shiga-Toxin	164	165	174	503	12.0	
Giardiasis	84	90	125	299	7.1	
Listeriosis	9	19	7	35	0.8	
Salmonellosis	323	371	350	1044	24.9	
Shigellosis	130	158	123	411	9.8	
Typhoid Fever	7	7	8	22	0.5	
Vibriosis	27	40	41	108	2.6	
Yersinia	165	165	171	501	12.0	
<b>Annual Total</b>	<b>1630</b>	<b>1786</b>	<b>1806</b>	<b>5222</b>	<b>124.7</b>	

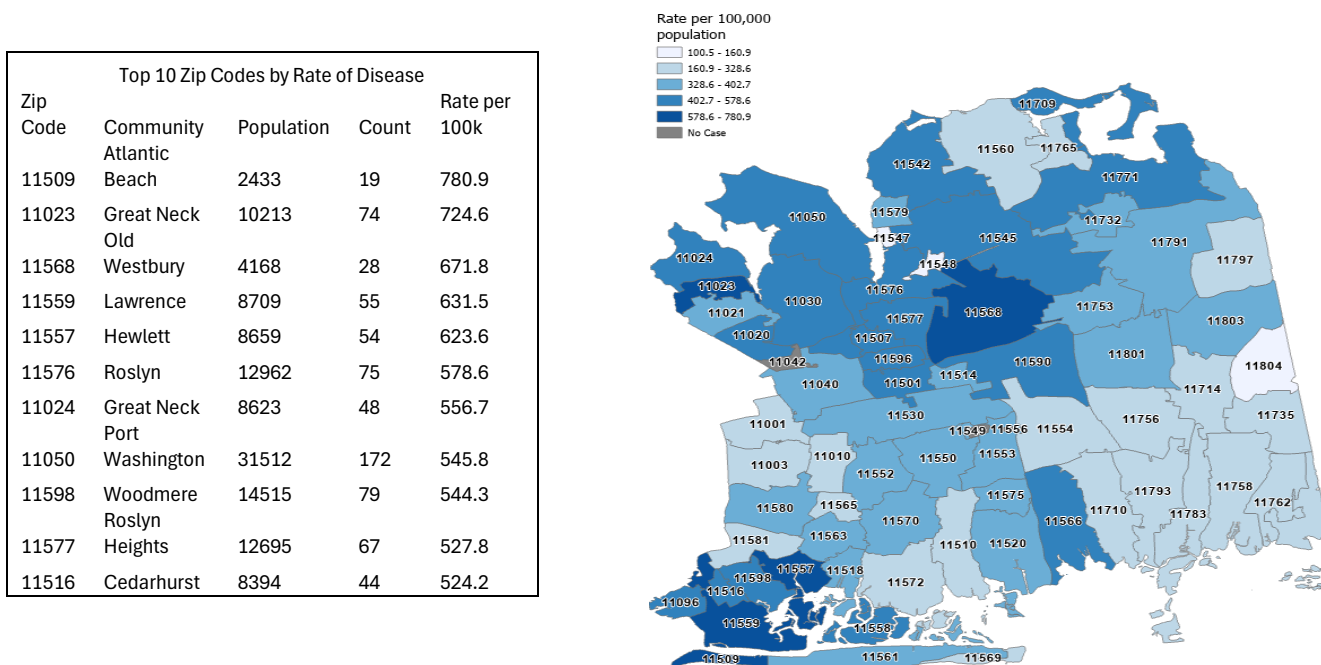
## Demographics

There was no significant difference between males and females in case counts, however males had a slightly higher cumulative rate of disease (385.4 per 100k) compared to females (363.3 per 100K). Infants had the highest cumulative rate (679.6 per 100K; 88 cases), while 55- to 64-year-olds had the greatest number of cases (734 cases; 364.2 per 100K) out of all age-groups.



## Location

Atlantic Beach – 11509 had the highest cumulative rate of foodborne illness (780.9 per 100k; 19 cases), while Port Washington had the most cases (172 cases, 545.8 per 100k).



## Technical Notes

Data source: NYS CDESS

All rates were calculated with the 2020 Census populations. Rates calculated using small numbers may be unstable.

Disease counts were based on confirmed and probable cases.

## Disclaimer

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