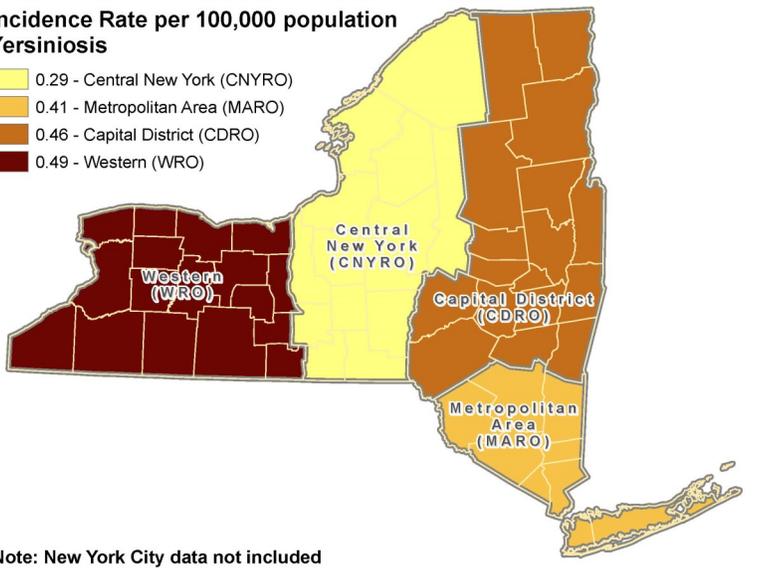


# Yersiniosis

## Incidence Rate per 100,000 population Yersiniosis

- 0.29 - Central New York (CNYRO)
- 0.41 - Metropolitan Area (MARO)
- 0.46 - Capital District (CDRO)
- 0.49 - Western (WRO)



Map Scale: 1:2,600,000

NYSDOH, BCDC - January 31, 2017

## Yersiniosis Annual Incidence Rate by Year and Region, NYS (excluding NYC), 2011-2015

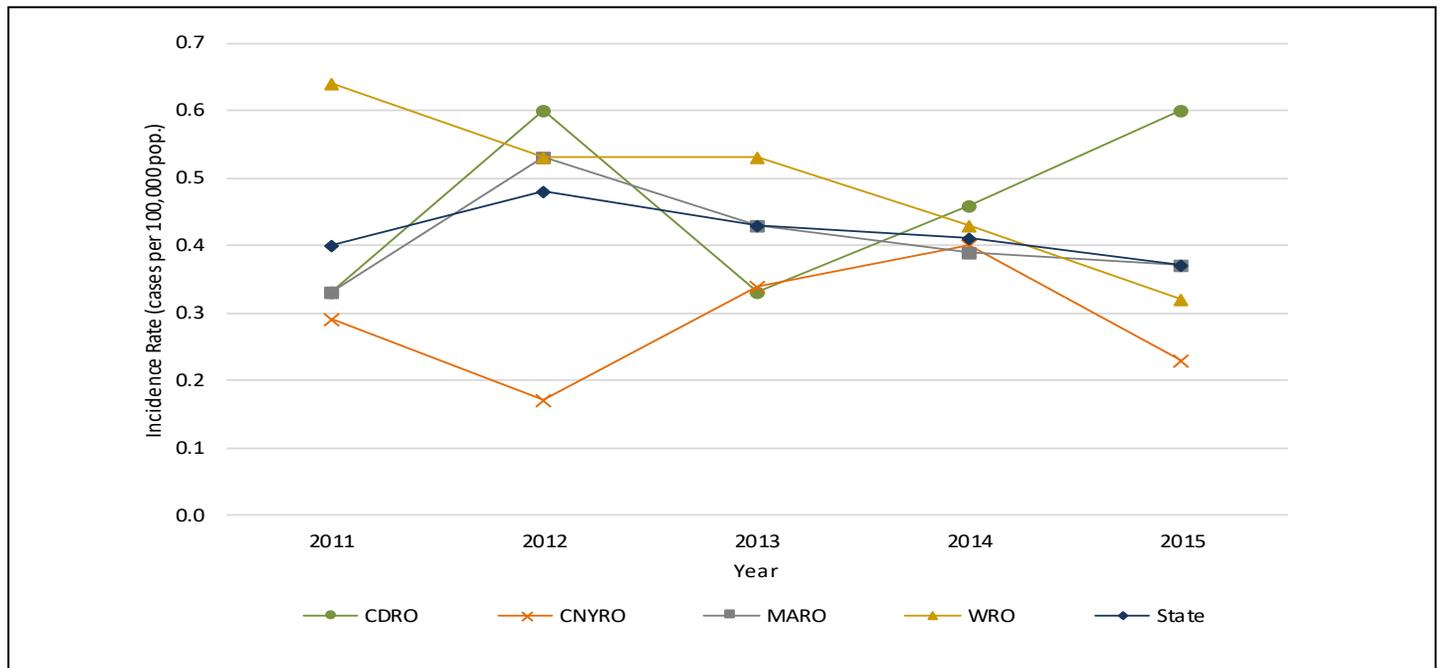
Yersiniosis is a bacterial disease that generally affects the intestinal tract. It is a relatively uncommon disease and usually occurs as a single isolated event. Occasional outbreaks have been reported due to a common exposure. *Yersinia* bacteria are spread by eating or drinking contaminated food or water or by contact with an infected person or animal. To learn more about yersiniosis, please visit our [website](#).

The incidence of yersiniosis in New York State, exclusive of New York City, has remained consistently low. From 2011-2015, the incidence averaged 0.42 cases per 100,000, which is less than the national rate of one case per 100,000.

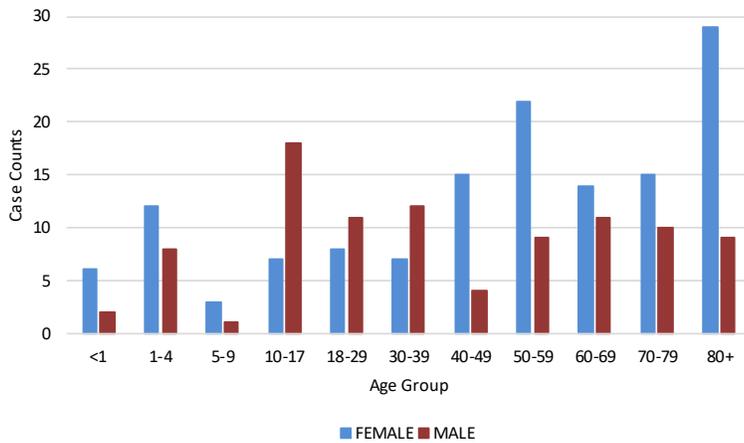
Of the 234 cases of yersiniosis from 2011-2015:

- 30.8% were hospitalized;
- 2.6% of cases died.

Region	Cases and Incidence Rates (per 100,000 pop.) NYS (excluding NYC), 2011-2015											
	2011		2012		2013		2014		2015		Total	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
CDRO	5	0.33	9	0.60	5	0.33	7.00	0.46	9	0.60	35	0.46
CNYRO	5	0.29	3	0.17	6	0.34	7.00	0.40	4	0.23	25	0.29
MARO	17	0.33	27	0.53	22	0.43	20.00	0.39	19	0.37	105	0.41
WRO	18	0.64	15	0.53	15	0.53	12.00	0.43	9	0.32	69	0.49
State	45	0.40	54	0.48	48	0.43	46.00	0.41	41	0.37	234	0.42



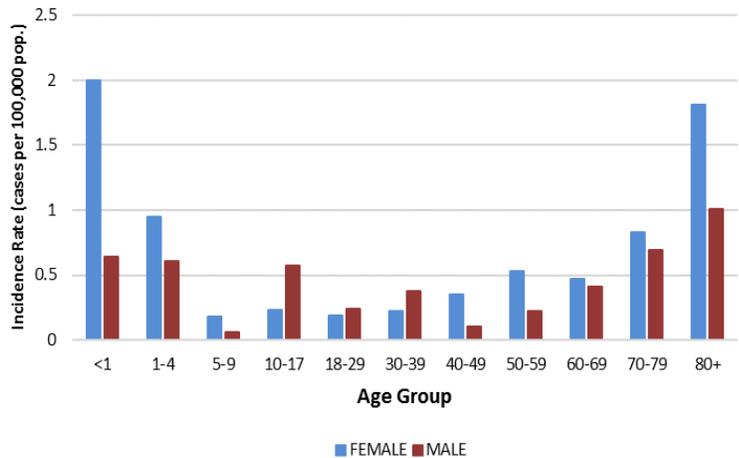
### Yersiniosis 5-Year Cumulative Frequency by Age Group and Gender, NYS (excluding NYC), 2011-2015



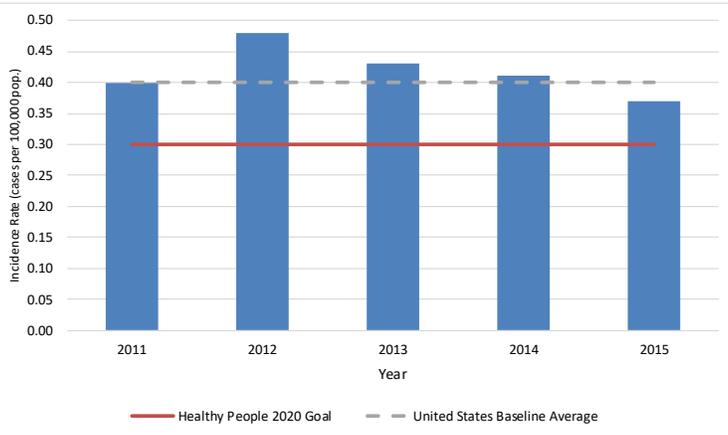
Most cases are found in females, with the highest number of cases seen among females 80 years of age and older.

### Yersiniosis 5-Year Average Incidence Rate by Age Group and Gender, NYS (excluding NYC), 2011-2015

Similar to national trends, the highest incidence rate was found in children less than 5 years of age and those older than 80 years of age. Females accounted for 58% of all Yersinia cases.



### Yersiniosis Annual Incidence Rate in NYS (excluding NYC), Healthy People 2020, and the United States Baseline Average by Year, 2011-2015



In 2010, U.S. Department of Health and Human Services developed Healthy People 2020, the nation's 10-year goals and objectives for health promotion and disease prevention. One of the goals was to reduce the incidence of Yersiniosis to 0.3 cases per 100,000 population. The average incidence rate in the U.S. is 0.41 cases per 100,000 population. In 2015, NYS rate fell from a 2012 high of 0.48 to 0.37 cases per 100,000 population. NYS has not yet achieved the Healthy People 2020 goal.