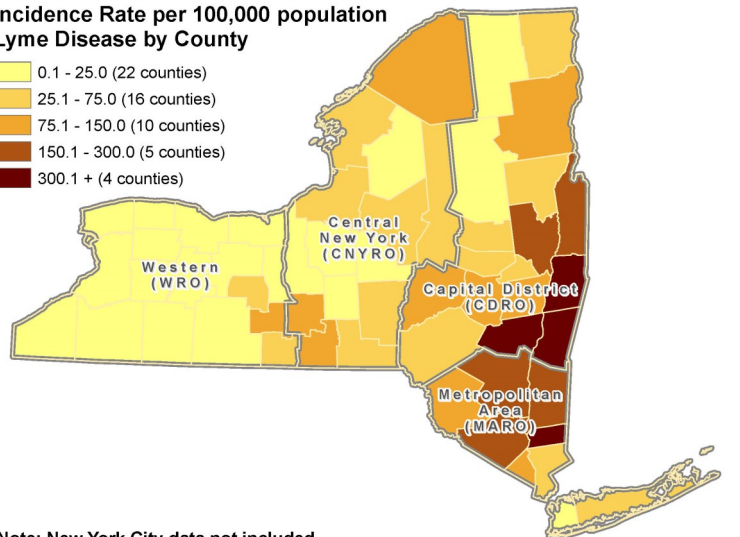
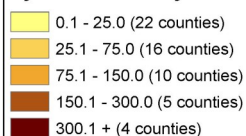


# Lyme Disease

## Lyme Disease Annual Incidence Rate\* by Year and Region, NYS (excluding NYC), 2011-2015

### Incidence Rate per 100,000 population Lyme Disease by County



Note: New York City data not included

Map Scale: 1:2,600,000

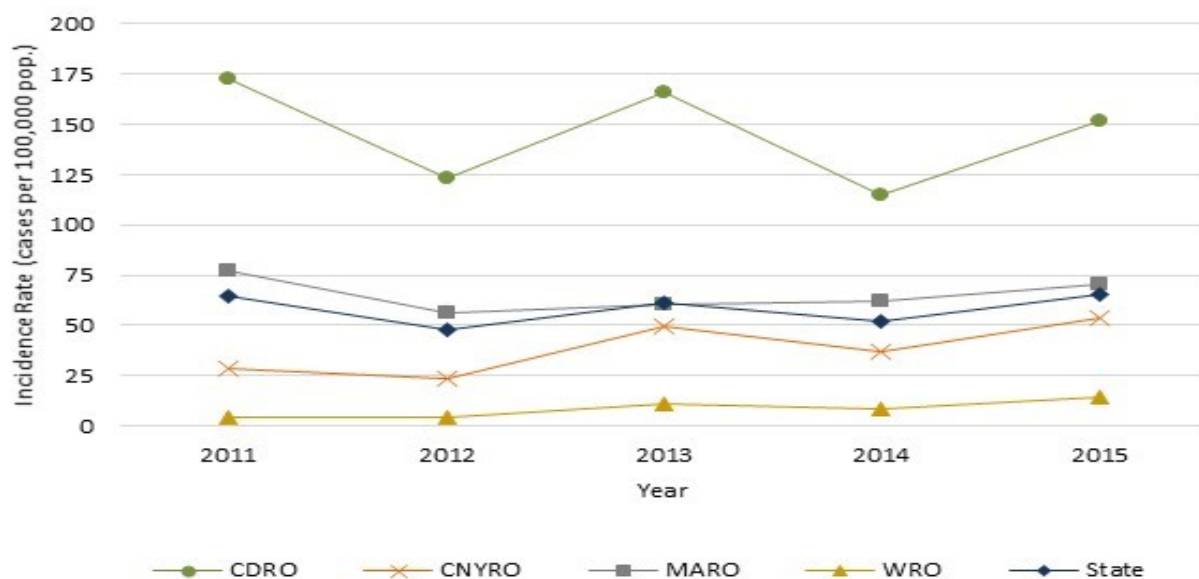
NYS DOH, BCDC - May 23, 2017

Lyme disease is caused by bacteria transmitted by the deer tick (*Ixodes scapularis*). To learn more about Lyme disease, please visit our [website](#).

Lyme disease is considered to be endemic throughout all of NYS. The annual incidence rates of Lyme disease have remained relatively steady within regions and across New York State.

From 2011-2015, the Capital District region had the highest overall 5-year average incidence rate of 145.6 cases per 100,000 population, while the Metropolitan region had the highest number of cases of Lyme disease with an average 3,338 cases per year.

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	2,741	172.9	1,959	123.6	2,625	165.6	1,816	114.6	2,399	151.4	11,540	145.6
CNYRO	480	28.7	387	23.1	832	49.7	623	37.2	899	53.7	3,221	38.5
MARO	3,939	76.9	2,874	56.1	3,087	60.3	3,164	61.8	3,626	70.8	16,690	65.2
WRO	116	4.1	124	4.4	299	10.6	235	8.3	408	14.5	1,182	8.4
State	7,276	65.0	5,344	47.7	6,843	61.1	5,838	52.1	7,332	65.5	32,633	58.3



\* After investigations of samples of positive lyme disease laboratory results, some counties extrapolated from these results to generate estimates of the total number of lyme disease cases in their counties. In 2015, 25 counties investigated a sample of positive laboratory results. In 2014 and 2013, 19 counties used this method to produce estimates, in 2012 18 counties, in 2011 14 counties.