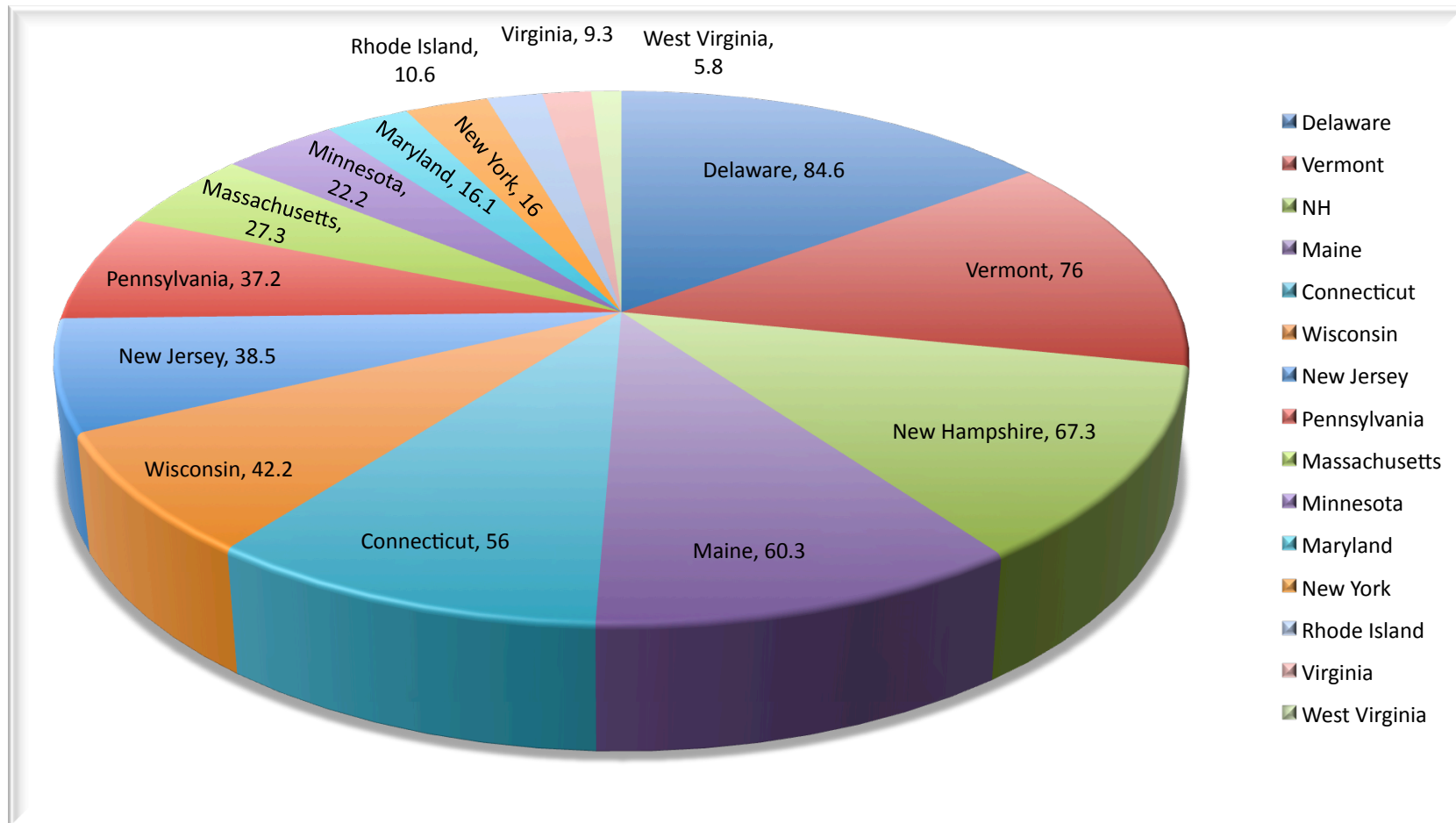


## Lyme Disease Association Analysis

### 2011 US Reported Lyme Disease Cases Featuring Top 15 States Incidence Per 100,000 Population<sup>1</sup>



(1) Source data compiled from CDC pub. data (MMWR), incidence uses "confirmed" cases per 100,000 population

NOTE: Government decisions to change reporting requirements have affected reported case numbers and consequently, incidence of Lyme. Most all changes resulted in lower numbers reported to CDC (RI-2005; DC-2011; NY-2007; HI-2006; CT-2003 CA-2005; federal change in 2008). NY's change has a huge impact; its numbers do not include county numbers from those counties that use estimates for numbers. For example in 2011 NY state had 8,007 Lyme cases including numbers from 14 counties that estimated, but CDC was only able to report 4,490 cases for NY.

According to the CDC, only 10% of Lyme disease cases that meet the case definition are reported, meaning if 10,000 cases are reported, 100,000 cases occurred. CDC data reported out for incidence of Lyme does not include "probable" or "suspected" cases, thus this incidence graph only reflects "confirmed" cases. CDC data for case numbers reported out does include "probable", however, does not include "suspected." States may report "probable" and/or "suspected" case numbers on their state websites.

