

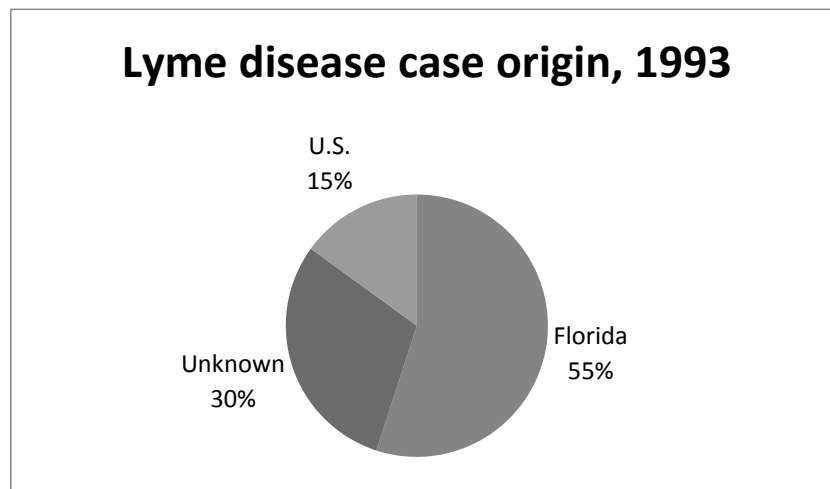
Tick-borne Disease Surveillance in Florida, 1993

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Lyme disease

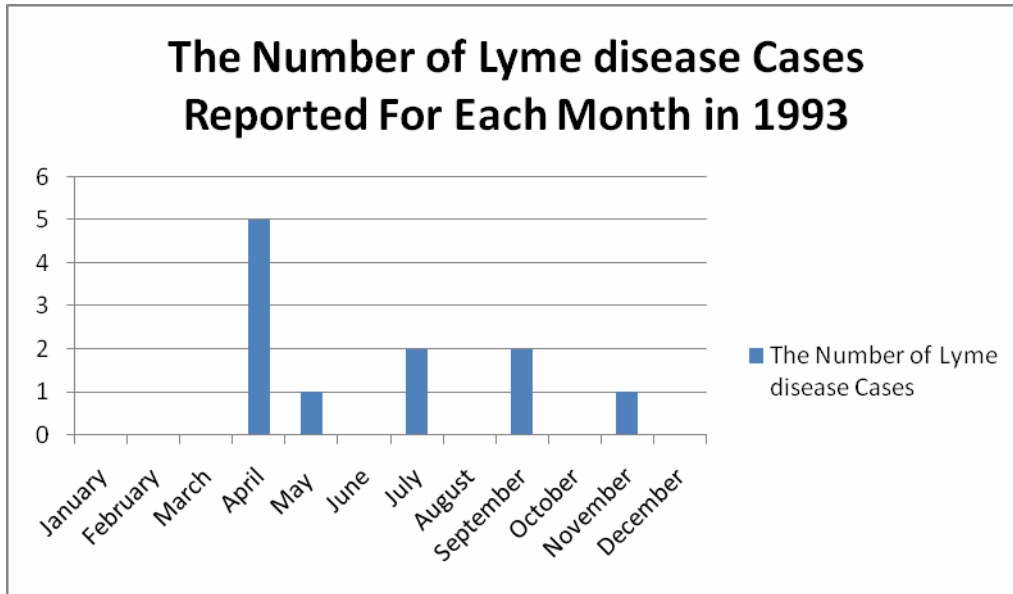
In 1993, twenty cases of Lyme disease were reported in Florida. As Figure 1 shows, 11 (55%) were acquired in Florida, for 6 (30%) the location where the disease was acquired is unknown, and 3 (15%) were acquired in the United States but not in Florida.

Figure 1



Among the individuals reported as having acquired Lyme disease in Florida (11 cases), 6 (54.5%) were female and 5 (45.5%) were male. The average age was 40.5 years old (range 14-66 years). Of the cases, 9 (81.8%) were white non-Hispanic, 1 (9.1%) was black non-Hispanic, and 1 (9.1%) was white with unknown ethnicity. Eight cases (72.7%) resided in the northern region* of Florida, 2 (18.2%) resided in the southern region, and 1 (9.1%) resided in the panhandle region. All eleven cases met the case definition for confirmed Lyme disease. Of the cases acquired in Florida, 5 (45.4%) occurred in April, 2 (18.2%) occurred in July, 2 (18.2%) occurred in September, and 1 (9.1%) occurred in each of the following months: May and November (Figure 2).

Figure 2



Rocky Mountain spotted fever

In 1993, four cases of Rocky Mountain spotted fever (RMSF) were reported. Three cases were acquired in Florida while for the remaining case the location where the disease was acquired was not specified. Of the cases acquired in Florida, 2 (66.7%) were female and 1(33.3%) was male. All the cases were white non-Hispanic and met the case definition for confirmed RMSF. Of the individuals who acquired RMSF in Florida two resided in the central region* and one resided in the southern region of the state. The three locally-acquired cases onsets were in May, August, and December.

*For the purpose of this analysis, Florida counties were divided into regions as follows:

North- Alachua, Baker, Bradford, Citrus, Clay, Columbia, Dixie, Duval, Flagler, Gilchrist, Hamilton, Hernando, Lafayette, Lake, Levy, Madison, Marion, Nassau, Orange, Pasco, Putnam, Seminole, St. Johns, Sumter, Suwannee, Taylor, Union, Volusia.

Central- Brevard, DeSoto, Hardee, Highlands, Hillsborough, Indian River, Manatee, Okeechobee, Osceola, Pinellas, Polk, Sarasota, St. Lucie.

South- Broward, Charlotte, Collier, Glades, Hendry, Lee, Martin, Miami-Dade, Monroe, Palm Beach.

Panhandle- Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington.