

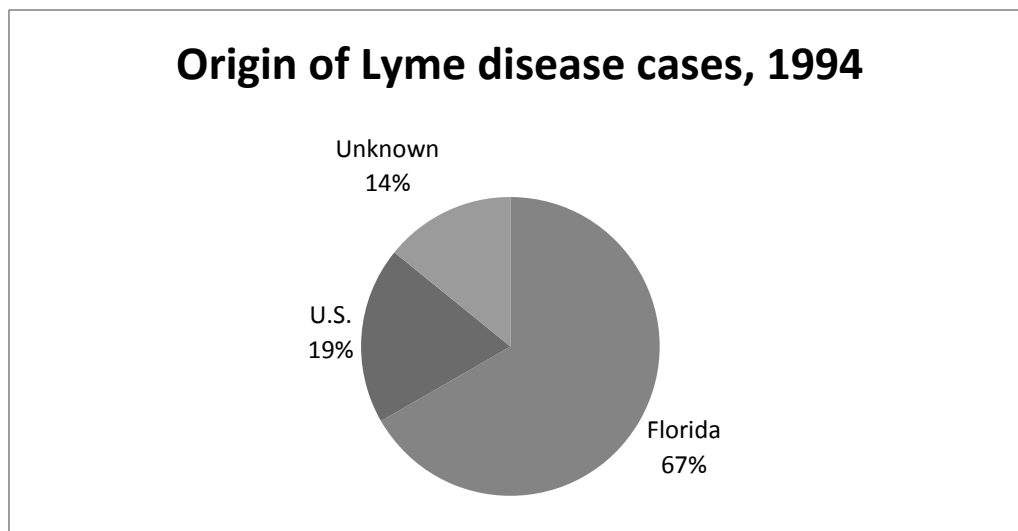
Tick-borne Disease Surveillance in Florida, 1994

Colleen O'Fallon, MPH candidate, University of Florida; Rebecca Shultz, MPH, Florida Department of Health

Lyme disease

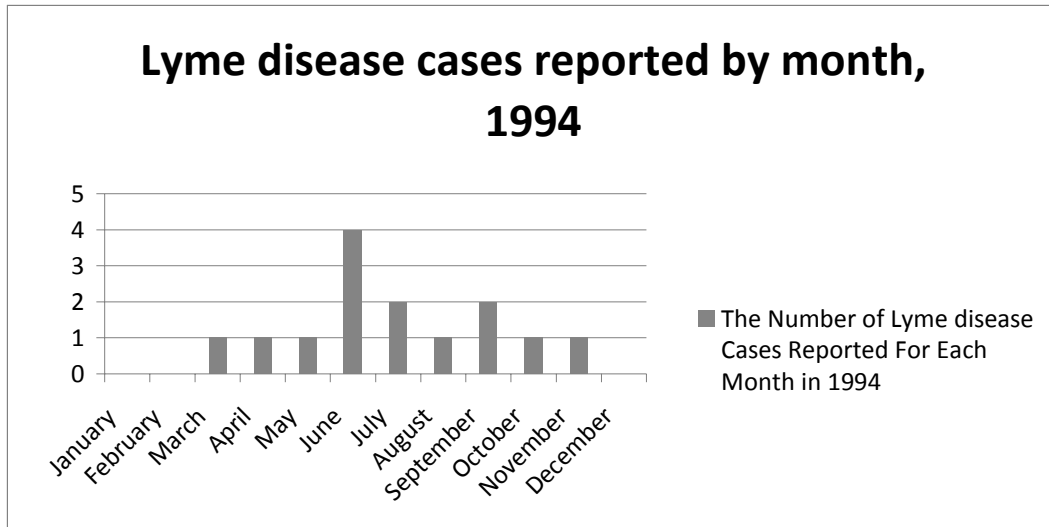
In 1994, twenty-one cases of Lyme disease were reported in Florida. As Figure 1 shows, 14 (66.7%) of the cases were acquired in Florida, 4 (19%) were acquired in the United States but not in Florida, and for 3 cases (14.3%) the location where the disease was acquired is unknown.

Figure 1



Among the individuals reported as having acquired the disease in Florida (14 cases) there were more males (64.3%) than females (35.7%). The average age was 37.6 years old (range 4-75). Of the cases, 12 (85.7%) were white non-Hispanic and 2 (14.3%) were white Hispanic. Eleven (78.6%) cases resided in the northern region of Florida, 2 (14.3%) resided in the central region, and 1 (7.1%) resided in the southern region of Florida. All cases met the case definition for confirmed Lyme disease. As seen in Figure 2, 4 (28.6%) cases occurred in June, 2 (14.3%) occurred in each July, and September, and 1 (7.1%) occurred in each of the following months: March, April, May, August, October, and November.

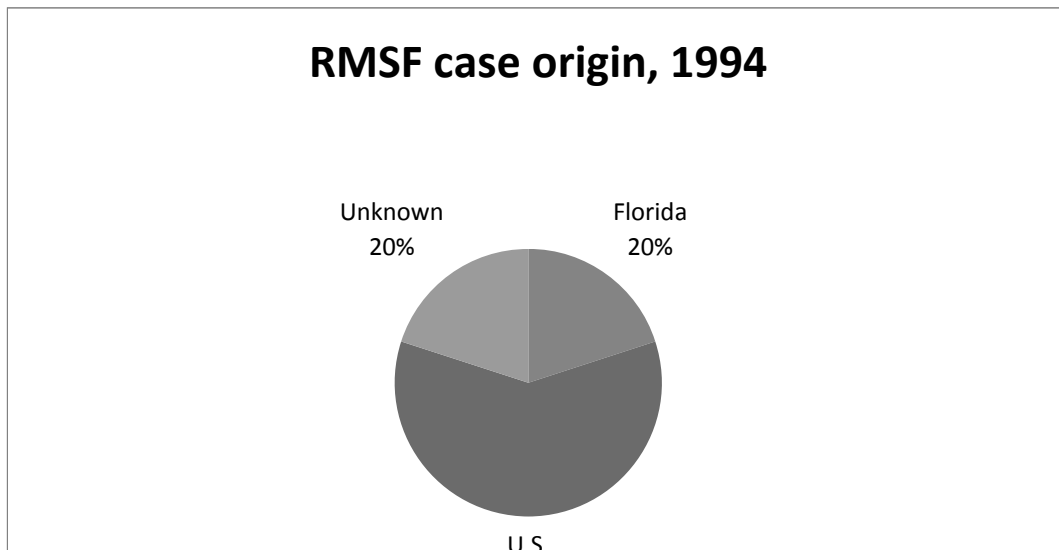
Figure 2



Rocky Mountain spotted fever

In 1994, five cases of Rocky Mountain spotted fever (RMSF) were reported. As Figure 3 shows, 1 (20%) was acquired in Florida, 3 (60%) were acquired in the United States but not in Florida, and for 1 (20%) the location where the disease was acquired was unknown.

Figure 3



The one case acquired in Florida was a white, Hispanic female residing in the northern region of Florida. The case met the case definition for confirmed Rocky Mountain spotted fever. The disease was acquired during the month of October.

*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.