



Florida Tick-Borne Disease Surveillance June 19 – July 2, 2011

Tick-borne disease surveillance in Florida conducts surveillance for Florida acquired *E. chaffeensis* / HME, Rocky Mountain Spotted Fever, and Lyme disease cases. In addition, cases of these tick-borne diseases acquired by Florida residents outside the state of Florida are identified. During the period June 19 – July 2, 2011, the following tick-borne disease activity was reported in Florida:

Florida acquired HME: no cases reported from June 19 – July 2.

Non-Florida or unknown acquired HME: no cases reported from June 19 – July 2.

Florida acquired Rocky Mountain Spotted Fever: no cases reported from June 19 - July 2.

Non-Florida or unknown acquired Rocky Mountain Spotted Fever: 1 case: 1 case in Marion county (onset June 2011).

Florida acquired acute Lyme disease: 1 case: 1 case in Sumter county (onset June 2011).

Non-Florida or unknown acquired acute Lyme disease: no cases reported from June 19 – July 2.

Year to Date Tick-Borne Disease Summary

Florida acquired HME: 7 cases of *E. chaffeensis* / HME with an onset date in 2011 have been reported in individuals as being acquired in Florida. Florida counties with HME cases include: Alachua (2), Duval (1), Gilchrist (1), Leon (2), Miami-Dade (1).

Non-Florida or unknown acquired HME: 3 additional cases of *E. chaffeensis* / HME with an onset date in 2011 have been reported in individuals as being acquired outside the state of Florida or of an unknown origin. Florida counties reporting these cases include: Alachua (1), Duval (1), Leon (1).

Florida acquired Rocky Mountain Spotted Fever: 2 cases of Rocky Mountain Spotted Fever with an onset date in 2011 have been reported in individuals acquired in Florida. Florida counties with Lyme disease cases include: Hernando (1) and Miami-Dade (1).



Non-Florida or unknown acquired Rocky Mountain Spotted Fever: 1 case of Rocky Mountain Spotted Fever with an onset date in 2011 have been reported in individuals acquired in Florida. Florida counties with Lyme disease cases include: Marion (1)

Florida acquired acute Lyme disease: 7 cases of acute Lyme disease with an onset date in 2011 have been reported in individuals acquired in Florida. Florida counties with Lyme disease cases include: Flagler (1), Hillsborough (1), Leon (2), Sumter (2), and Volusia (1).

Non-Florida or unknown acquired acute Lyme disease: 5 additional cases of acute Lyme disease with an onset date in 2011 have been reported individuals as being acquired outside the state of Florida or of an unknown origin. Florida counties reporting these cases include: Brevard (1), Hillsborough (1), Orange (1), St. Lucie (1), and Volusia (1).

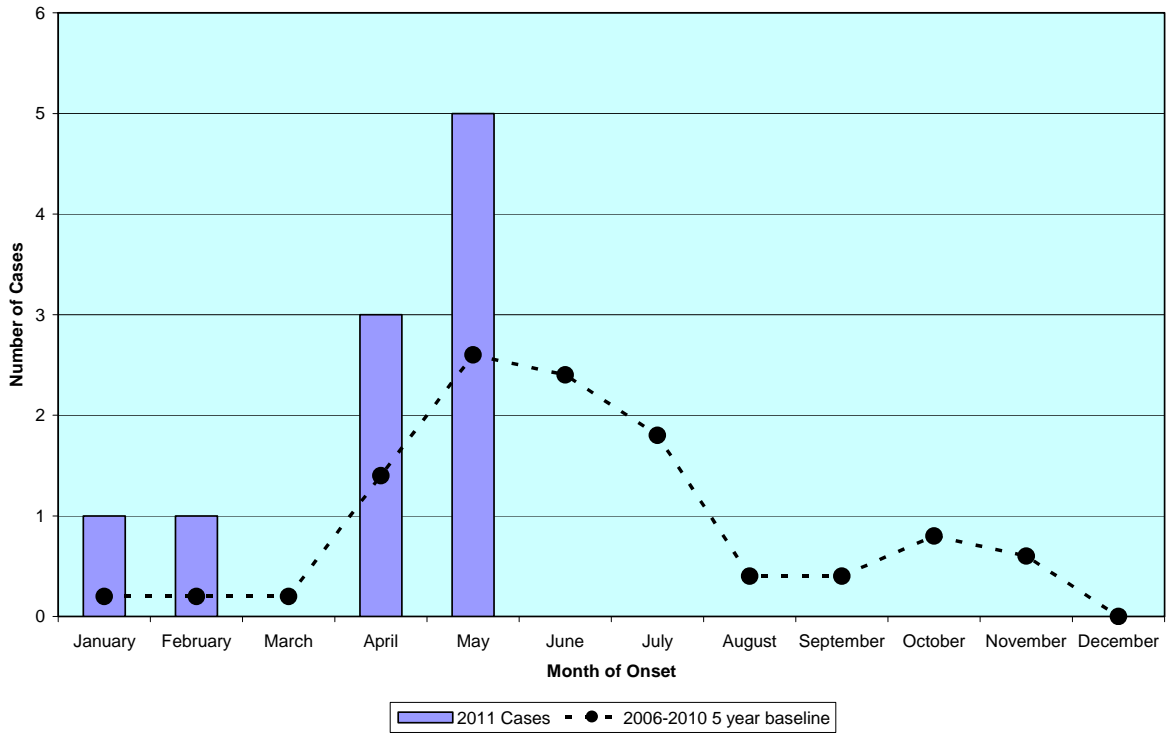
Year to Date Tick-Borne Disease cases by County

Disease	Tick-Borne Disease Activity					
	HME		RMSF		Acute LYME	
	FL	Non-FL	FL	Non-FL	FL	Non-FL
Alachua	2	1 (U)	0	0	0	0
Brevard	0	0	0	0	0	1 (I)
Charlotte	0	0	0	0	0	0
Duval	1	1 (I)	0	0	0	0
Flagler	0	0	0	0	1	0
Gilchrist	1	0	0	0	0	0
Hernando	0	0	0	0	0	0
Hillsborough	0	0	1	0	1	1 (I)
Leon	2	1 (U)	0	0	2	0
Marion	0	0	0	1 (U)	0	0
Martin	0	0	0	0	0	0
Miami-Dade	1	0	1	0	0	0
Orange	0	0	0	0	0	1 (I)
Pinellas	0	0	0	0	0	0
St. Johns	0	0	0	0	0	0
St. Lucie	0	0	0	0	0	1 (I)
Sumter	0	0	0	0	2	0
Volusia	0	0	0	0	1	1 (I)

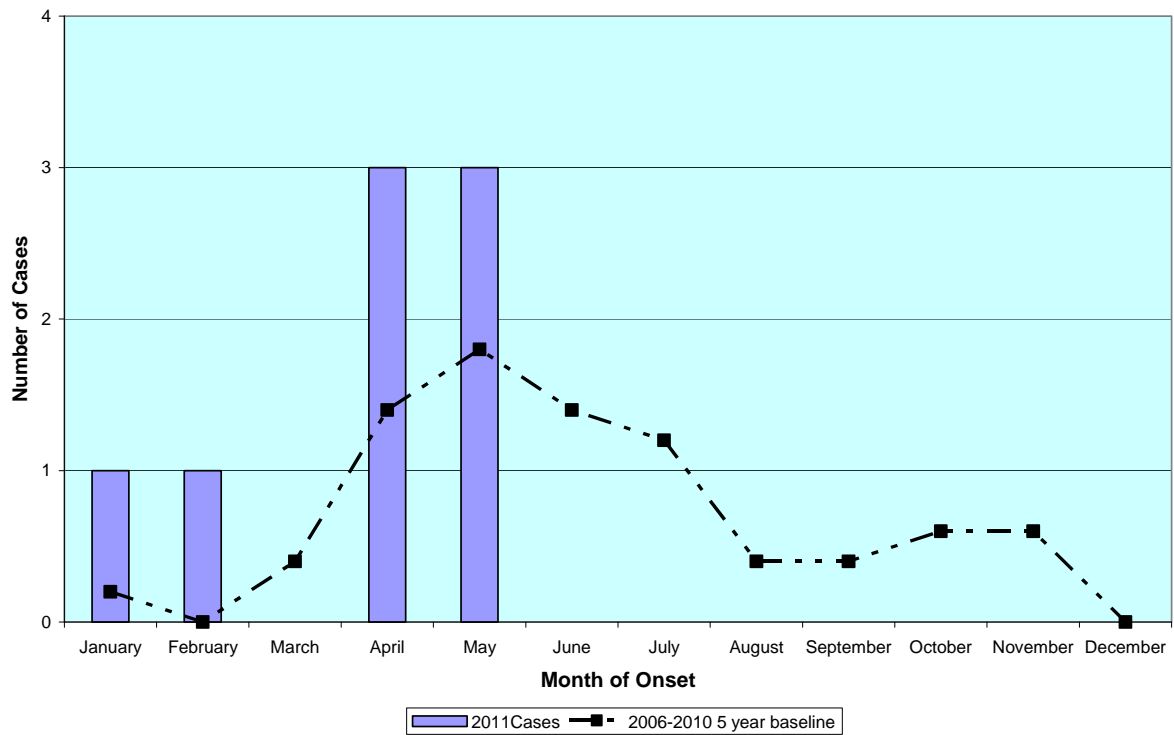
Legend: HME = human monocyte ehrlichiosis, RMFS = Rocky Mountain Spotted Fever
 FL = Florida acquired, Non-FL=Non-Florida or unknown origin, I=imported, U=Unknown

Monthly Tick-Borne Disease Summary

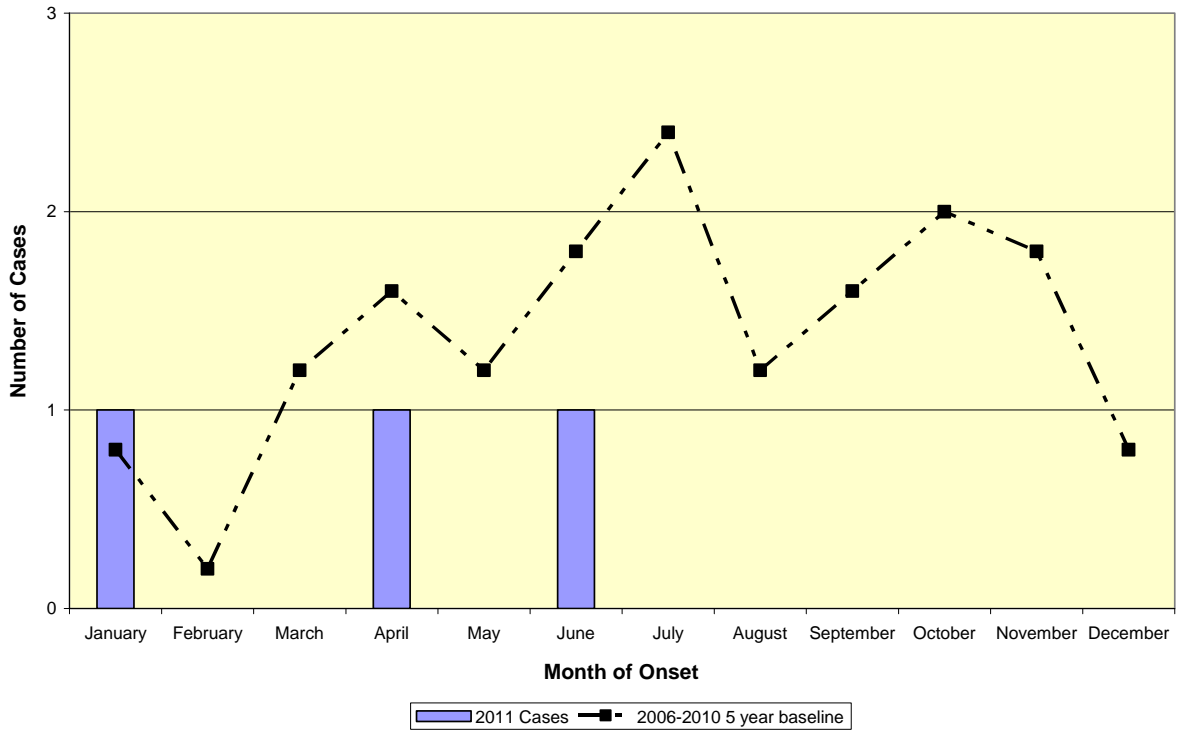
Total *Ehrlichia chaffeensis* / HME Cases By Month



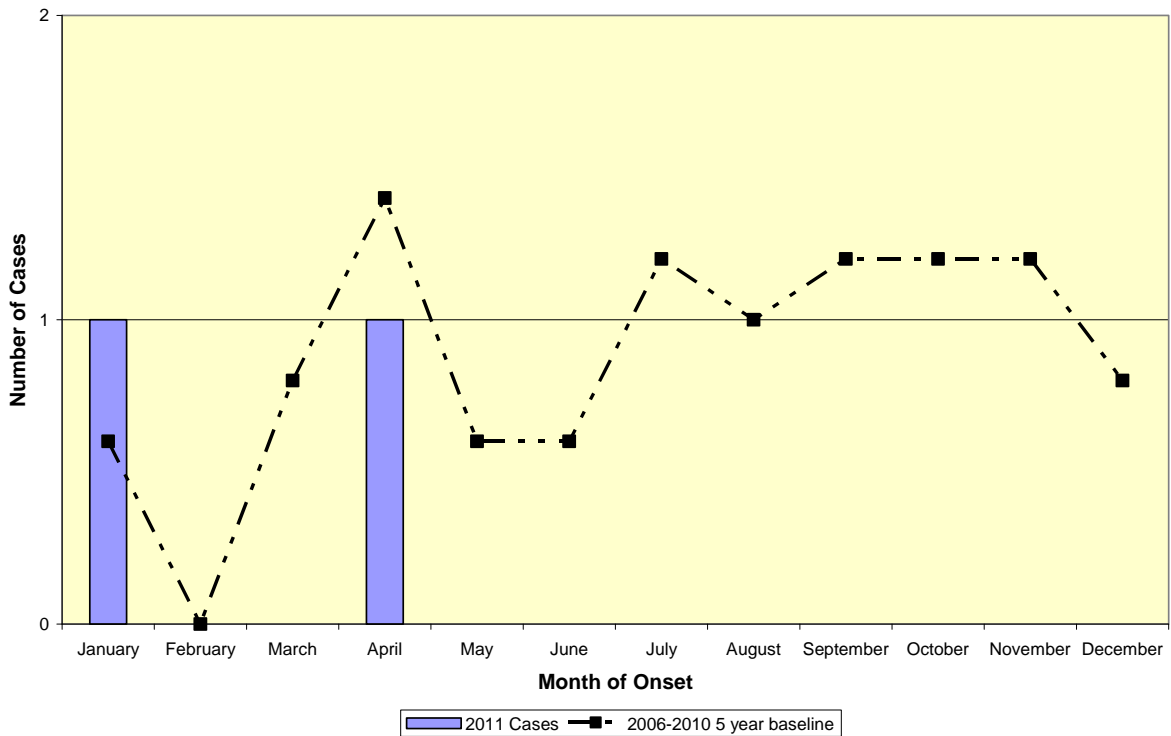
Florida Acquired Cases of *Ehrlichia chaffeensis* / HME By Month



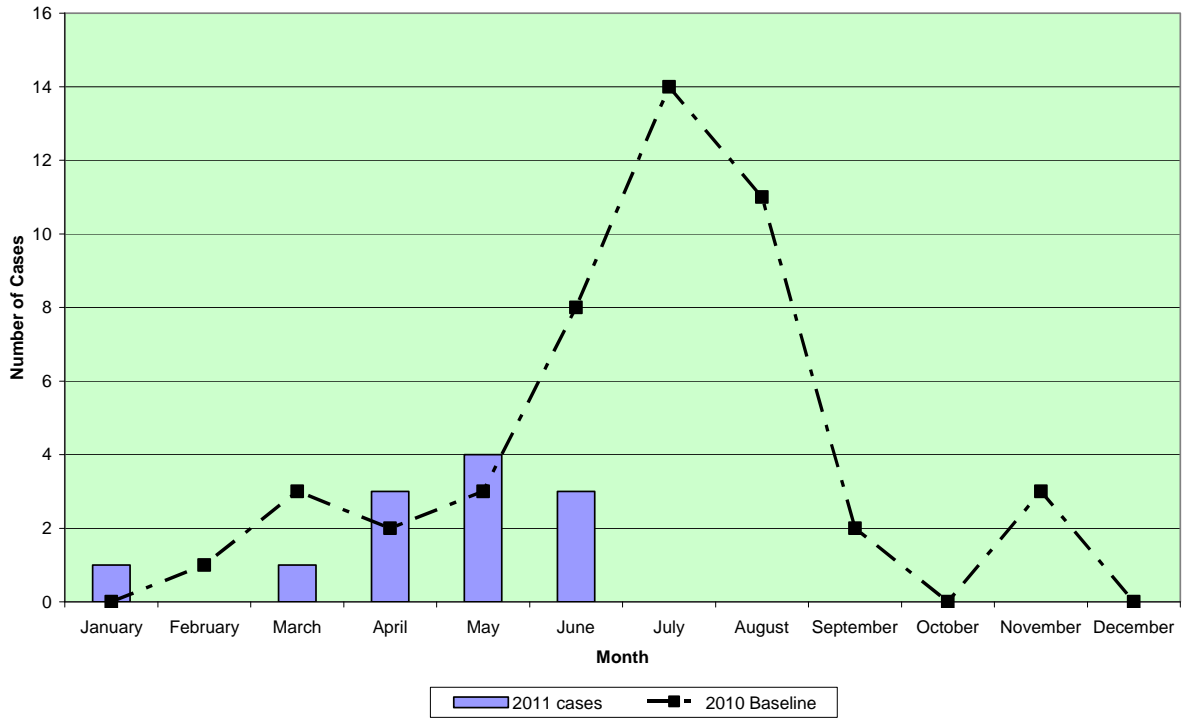
Total Rocky Mountain Spotted Fever Cases By Month



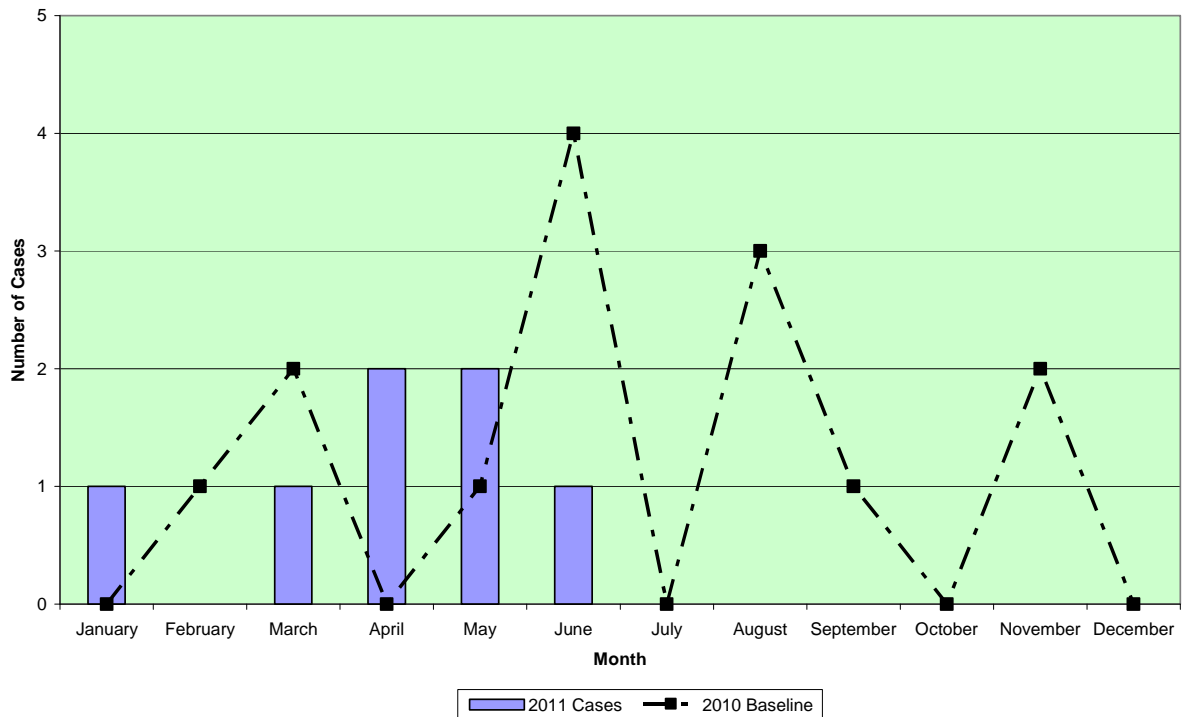
Florida Acquired Cases of Rocky Mountain Spotted Fever By Month



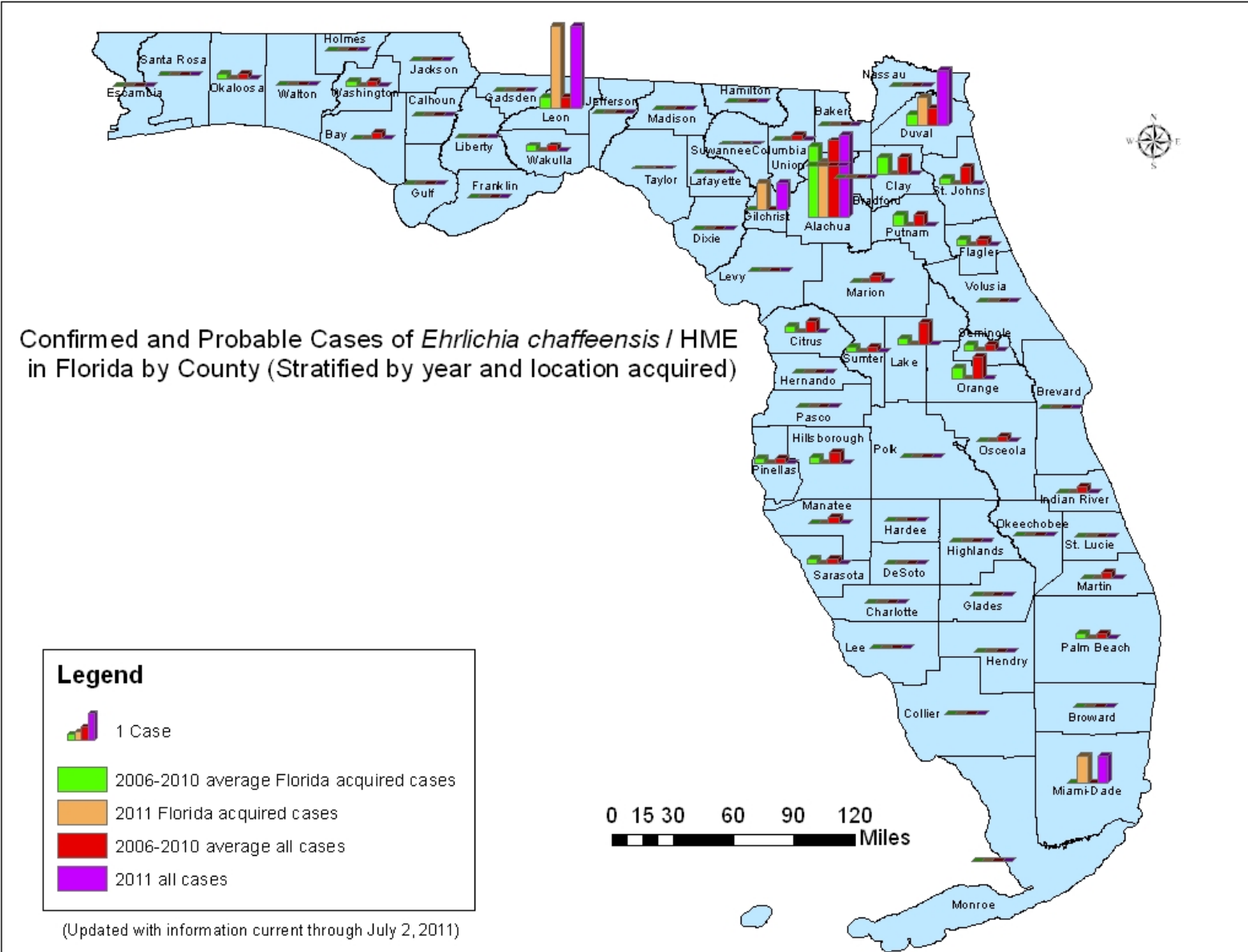
Total Acute Lyme Disease Cases By Month

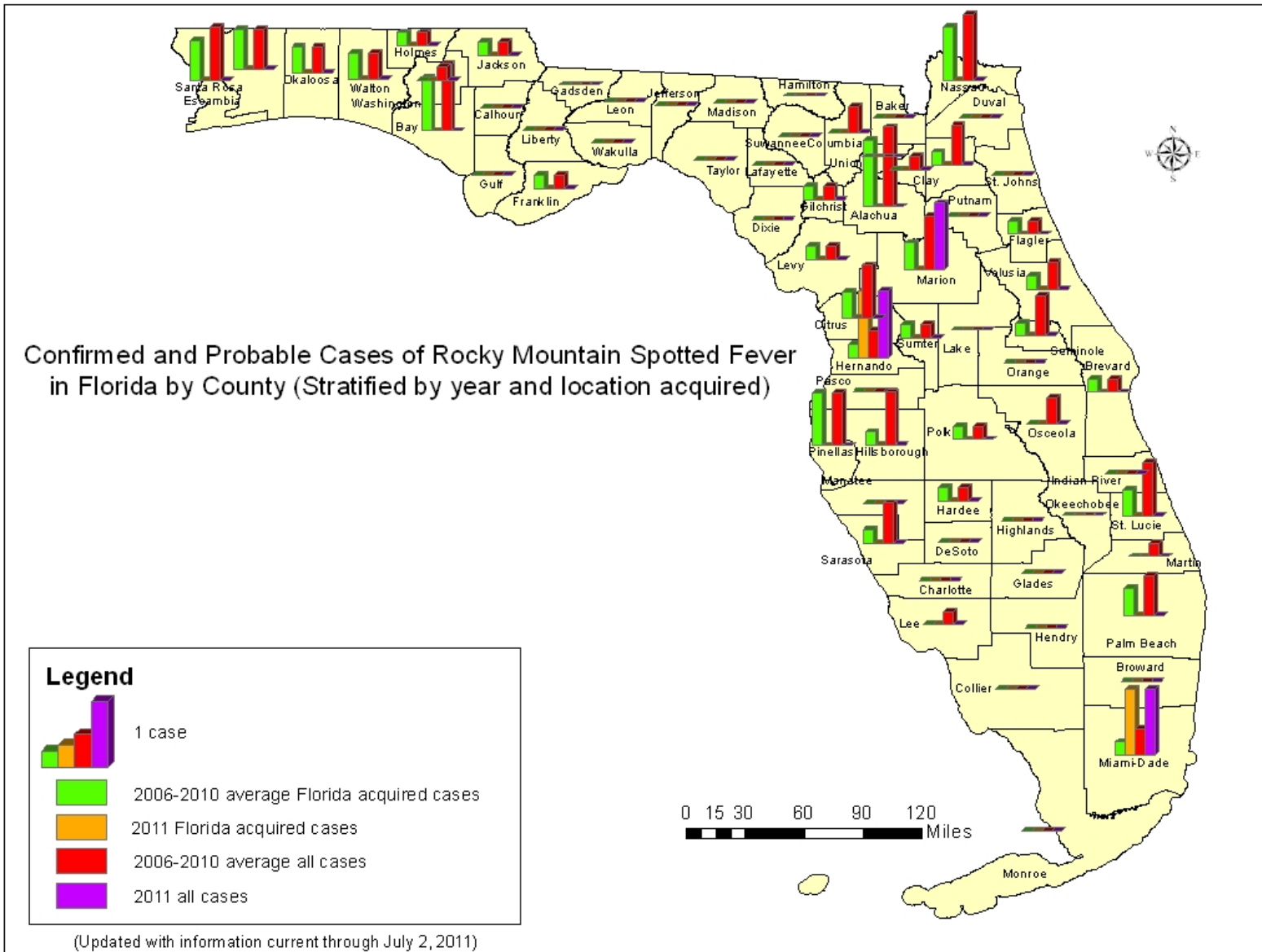


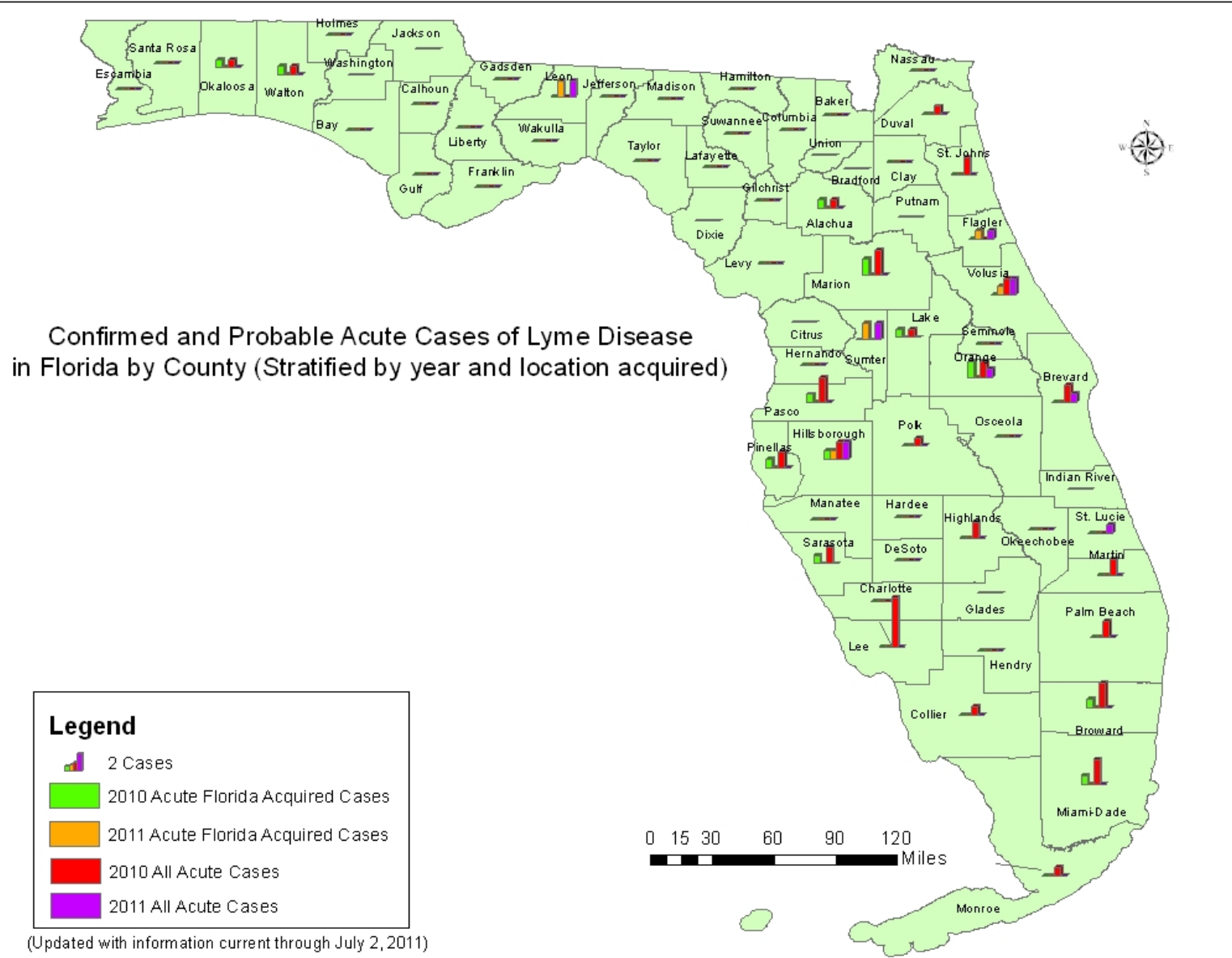
Florida Acquired Acute Cases of Lyme Disease By Month



Maps of Tick-Borne Disease Cases by County









Acknowledgements and Data Sources

Contributors: James Matthias, MPH, Danielle Stanek, DVM, and Carina Blackmore, DVM, Ph.D., DOH Bureau of Environmental Public Health Medicine.

For more surveillance information, please see the DOH website at:

http://www.doh.state.fl.us/Environment/medicine/arboviral/Tick_Borne_Diseases/Tick_Index.htm

Data is provided by county health departments and Department of Health Laboratories.