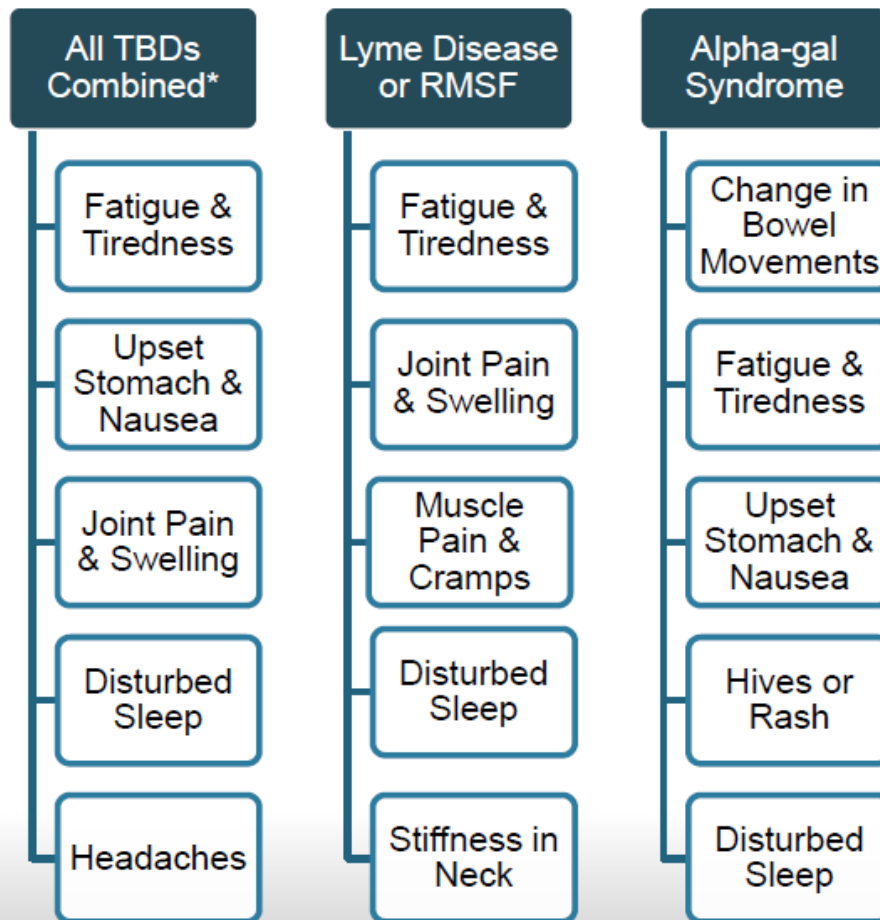
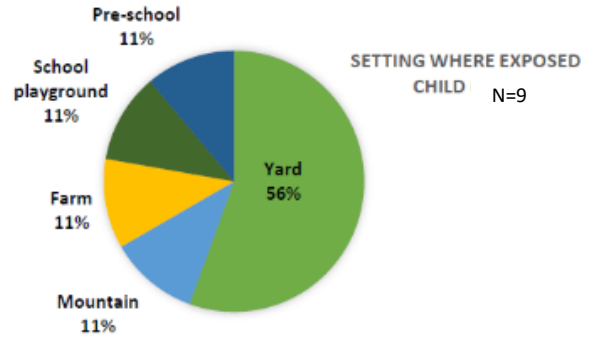
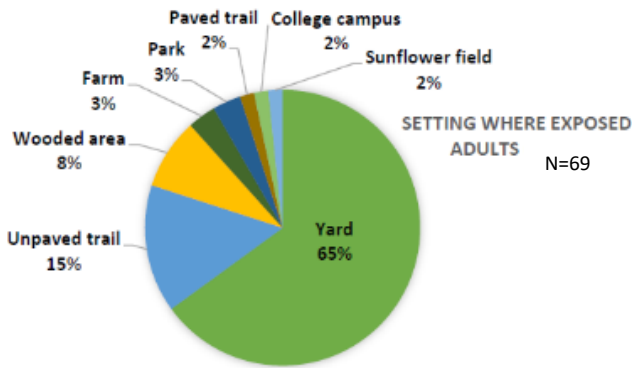


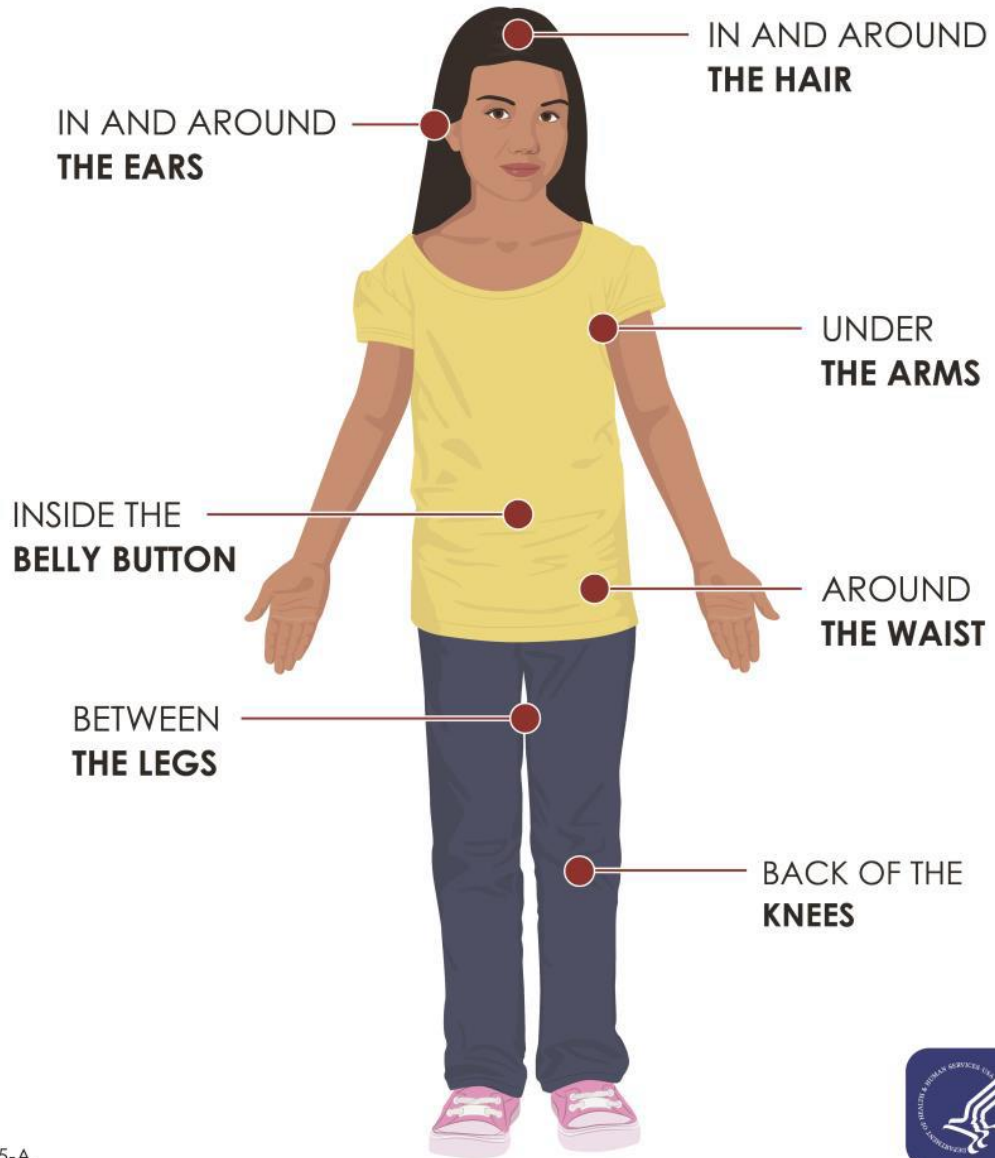
Setting When Known Exposure - Virginia



*All TBDs Combined includes all diagnoses reported (N=18) including 1 in 3 who reported having at least 1 additional tick-borne co-infection

Hall, Jennifer (2022) Ticks and tick-borne diseases: local prevalence, patient experiences & prevention. Oral presentation. Claytor Nature Center, Bedford, VA 24523.





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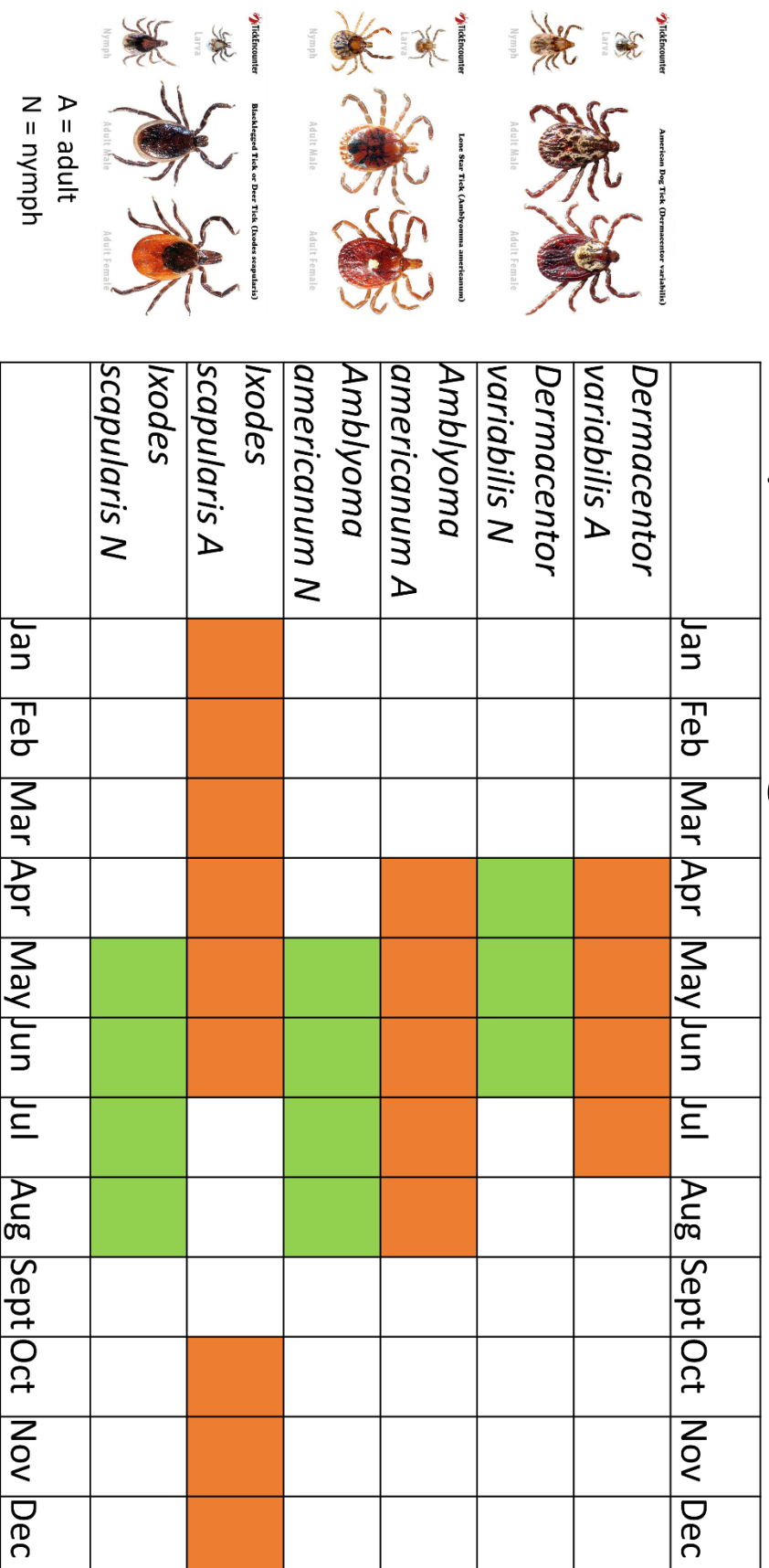


Find more resources at www.explorenaturebynurture.com

Genus	Species	Common name	Lyme	STARI (southern tick-associated rash)	Hard Tick Relapsing Fever	Anaplasmosis	Ehrlichiosis	Babesiosis	Powassan Virus Disease	alpha-gal syndrome	Tularemia	Heartland and Bourbon Virus Diseases	Rocky Mountain Spotted Fever	Rickettsiosis
Ixodes	scapularis	black-legged tick	X		X	X	X	X	X				X	
Amblyoma	americanum	lone star tick		X			X			X	X	X		
Amblyoma	maculatum	Gulf coast tick												X
Dermacentor	variabilis	American dog tick									X		X	
Rhipicephalus	sanguineus	brown dog tick											X	



Peak Activity on Average



A = adult
N = nymph

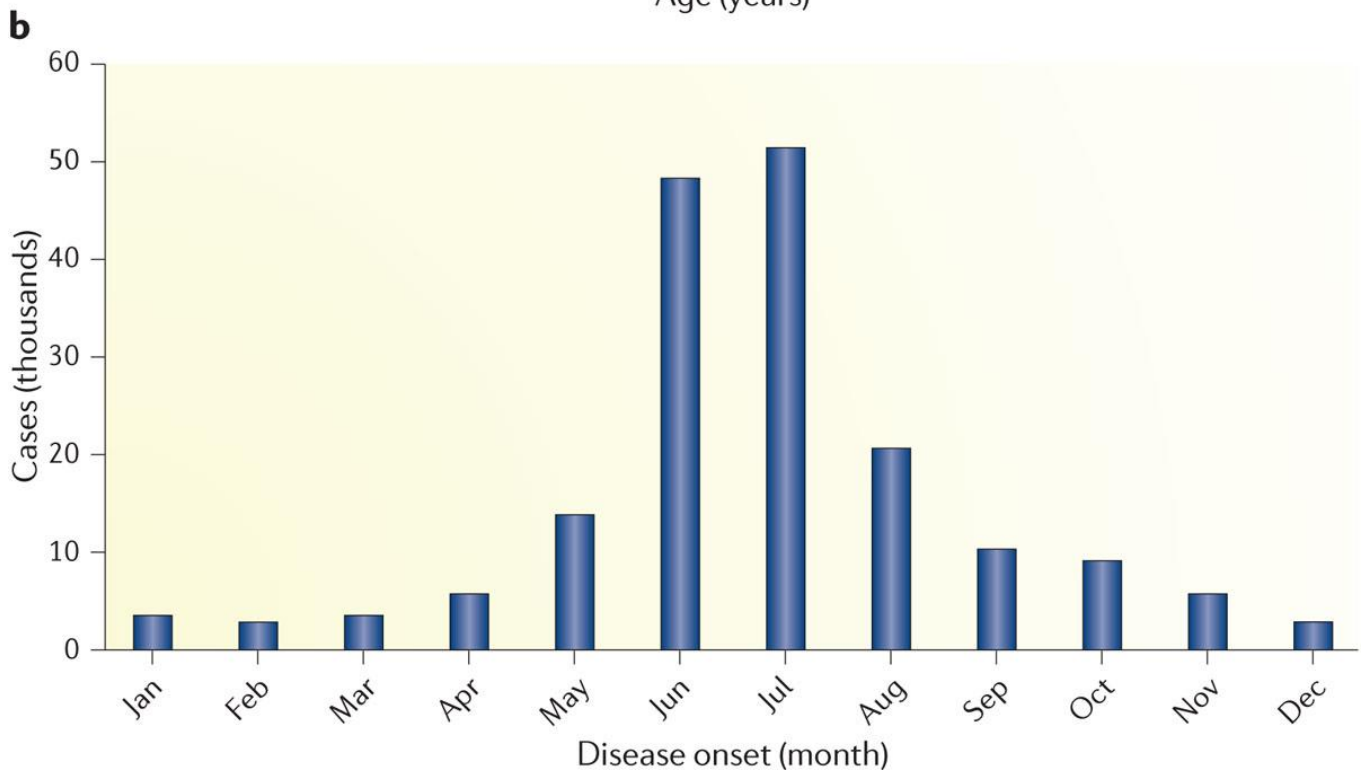
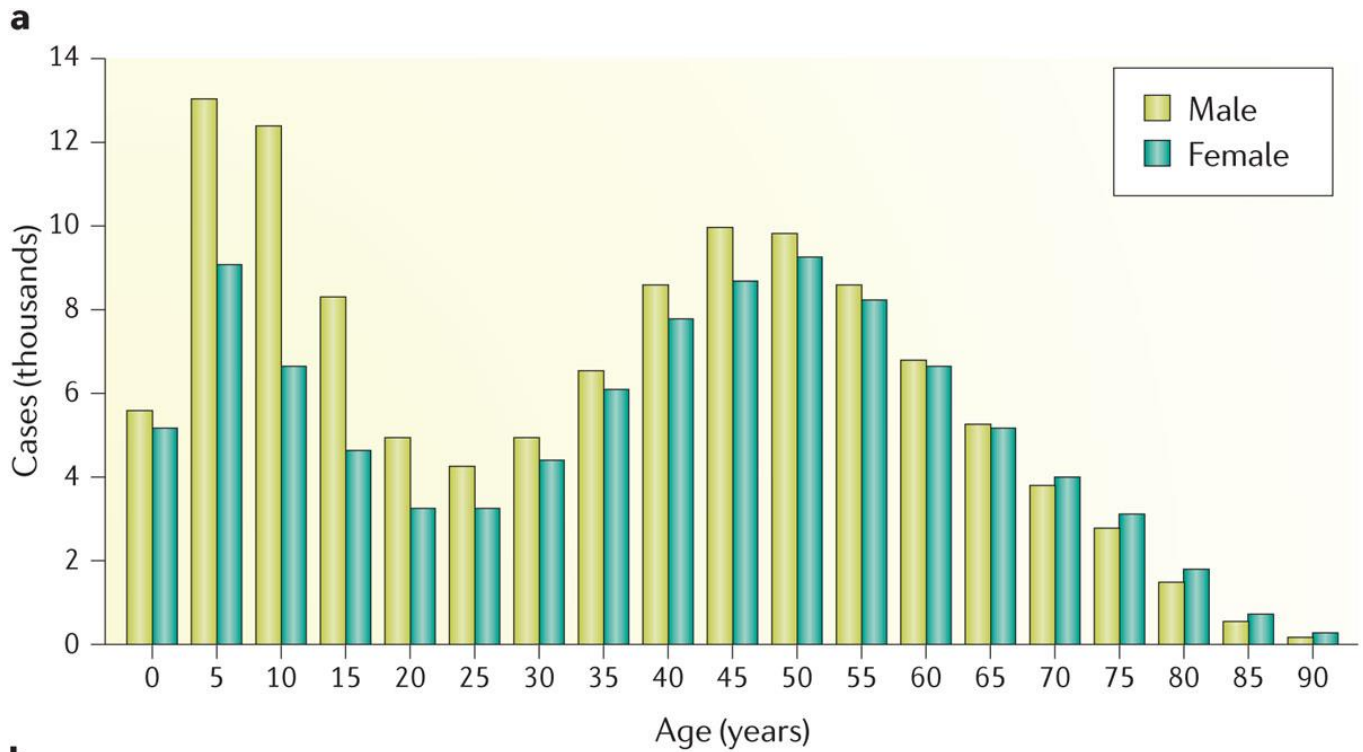


Data from the National Ecological Observatory Network (<https://www.neonscience.org/>)



Find more resources at www.explorenaturebynurture.com

a) Age and sex distribution and b) seasonality of Lyme borreliosis



Nature Reviews | **Disease Primers**

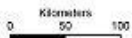
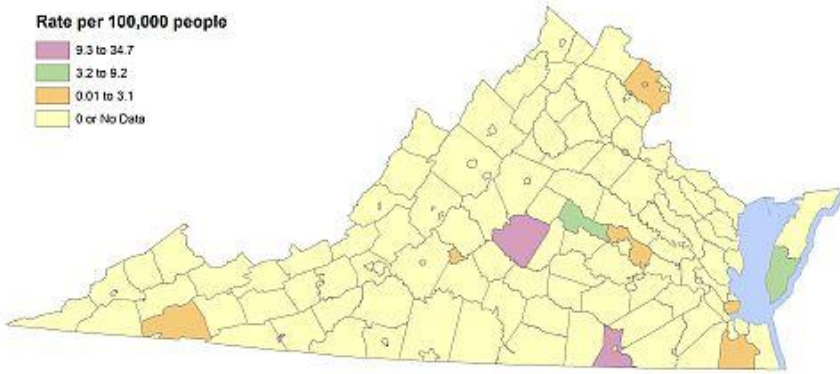
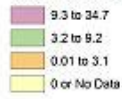
Steere, A. C. *et al.* (2016) Lyme borreliosis. *Nat. Rev. Dis. Primers* doi:10.1038/nrdp.2016.90



Find more resources at www.explorenaturebynurture.com

Rocky Mountain Spotted Fever Incidence Rate - 1988

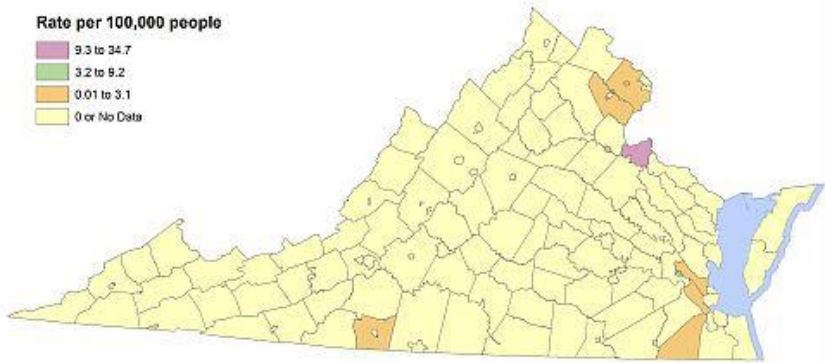
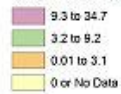
Rate per 100,000 people



Data source: Virginia Department of Health

Rocky Mountain Spotted Fever Incidence Rate - 1998

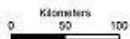
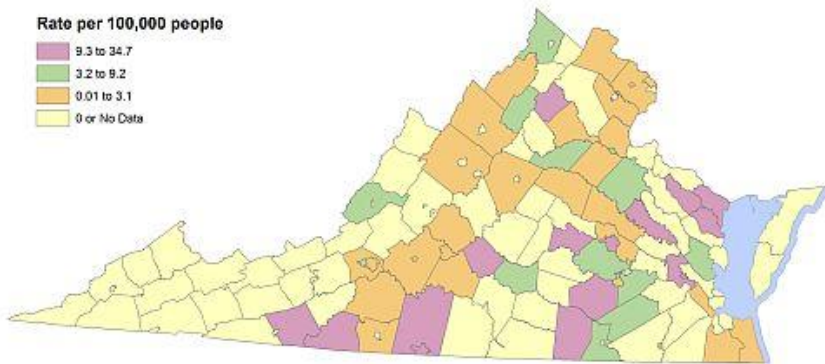
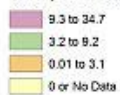
Rate per 100,000 people



Data source: Virginia Department of Health

Rocky Mountain Spotted Fever Incidence Rate - 2008

Rate per 100,000 people



Data source: Virginia Department of Health

