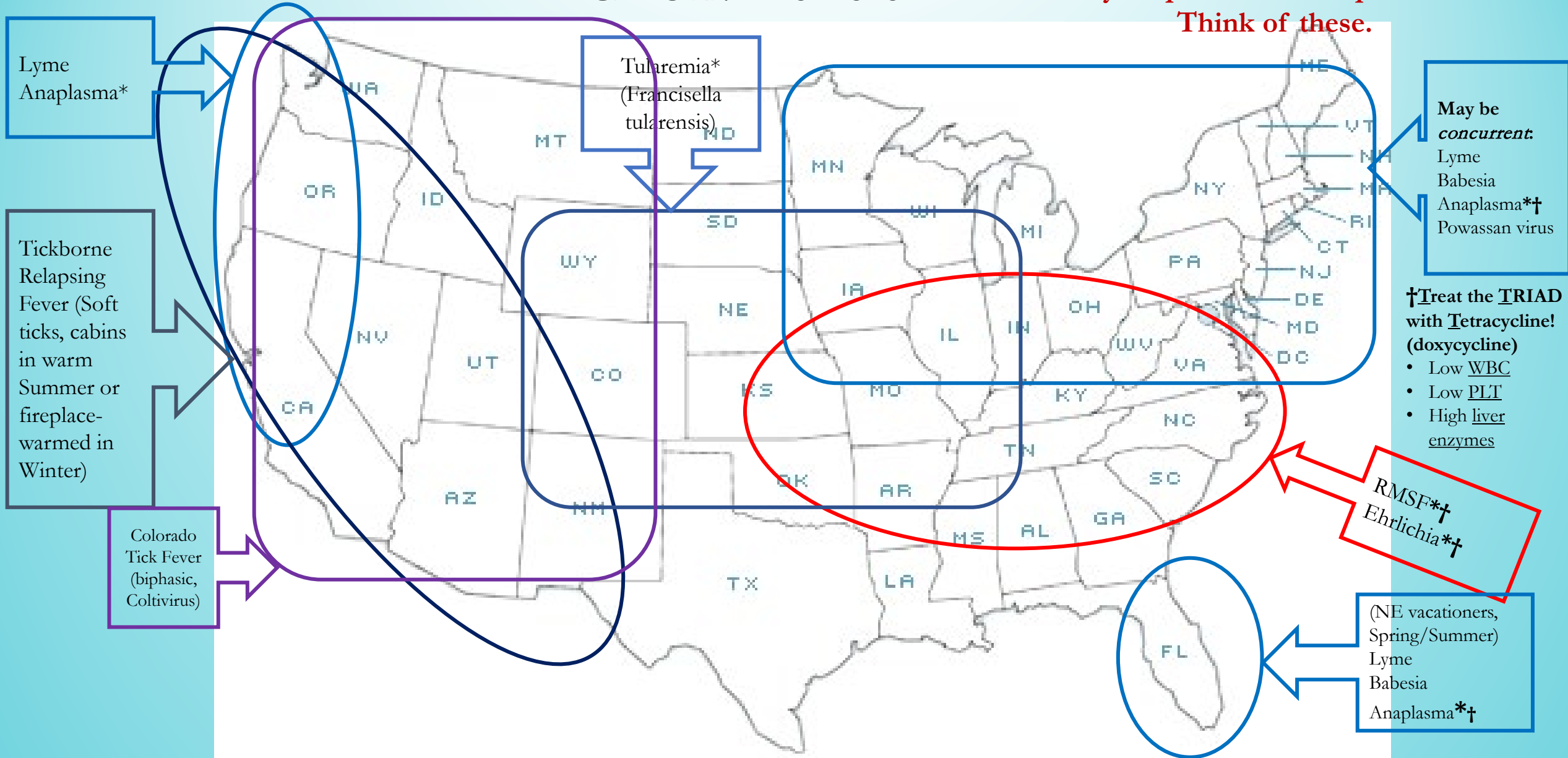


# TICK-BORNE DISEASES

**\*Does your patient have Sepsis or SIRS?  
Think of these.**



**May be concurrent:**  
Lyme  
Babesia  
Anaplasma\*†  
Powassan virus

**†Treat the TRIAD with Tetracycline! (doxycycline)**

- Low WBC
- Low PLT
- High liver enzymes

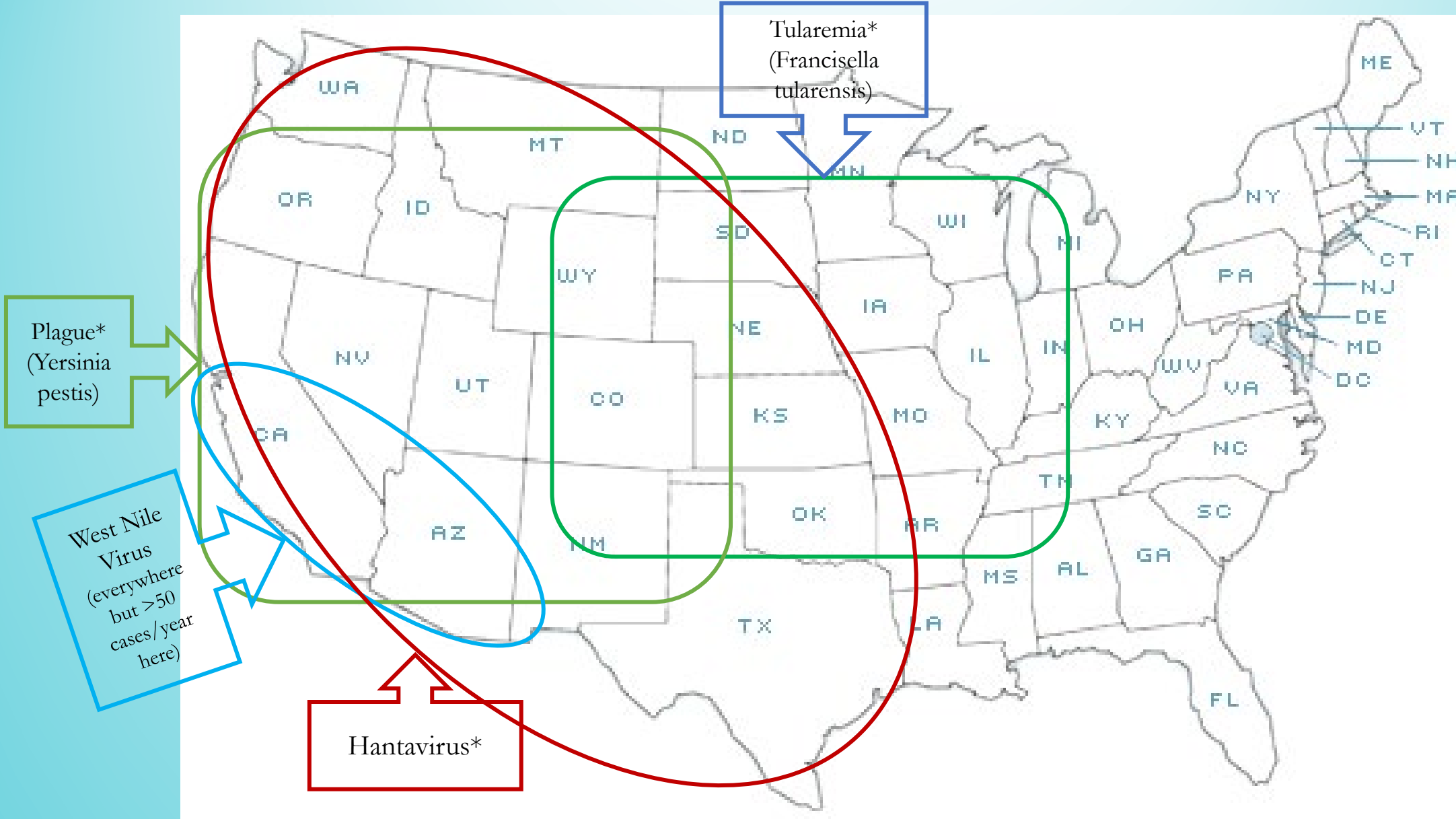
**RMSF\*†  
Ehrlichia\*†**

**(NE vacationers, Spring/Summer)  
Lyme  
Babesia  
Anaplasma\*†**



# BACTERIA & VIRUSES (NOT tick-borne)

**\*SIRS? Think of these.**



# ENDEMIC FUNGI

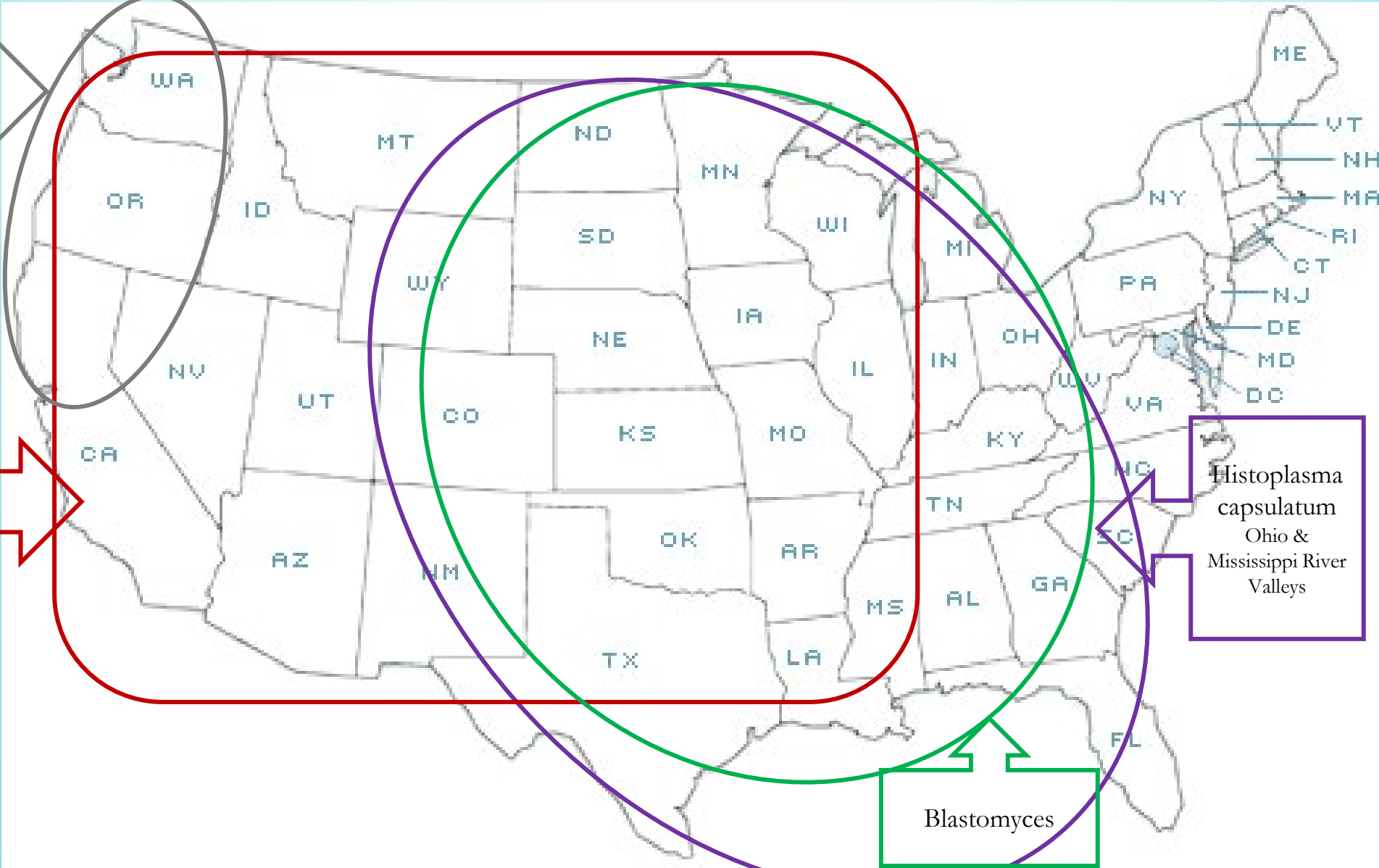
**\*SIRS? Think of these.**

Cryptococcus gattii

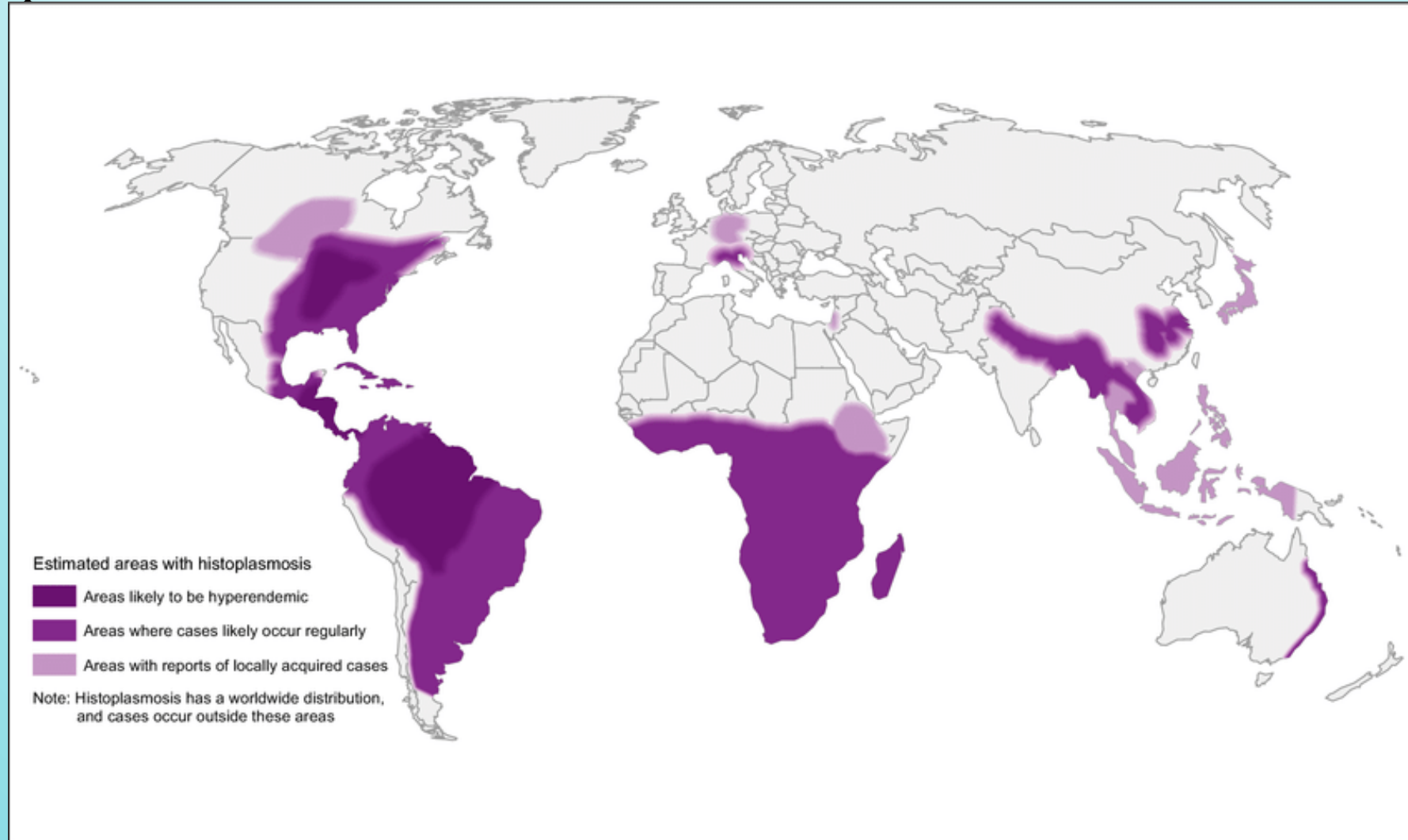
Coccidioides immitis  
(desert rheumatism) Also in **Alaska!**

Histoplasma capsulatum  
Ohio & Mississippi River Valleys

Blastomyces



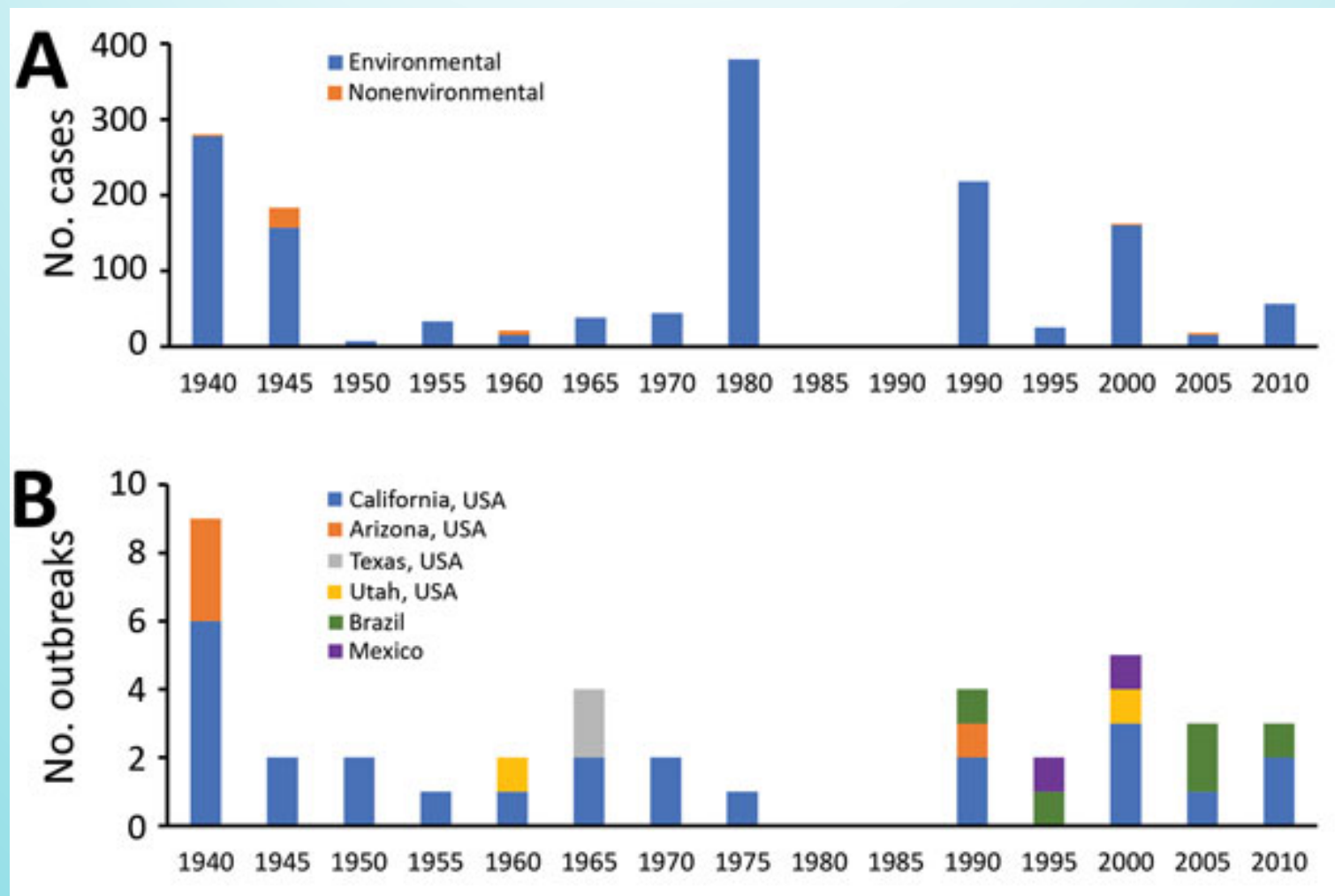
# Histoplasmosis



# Coccidioides



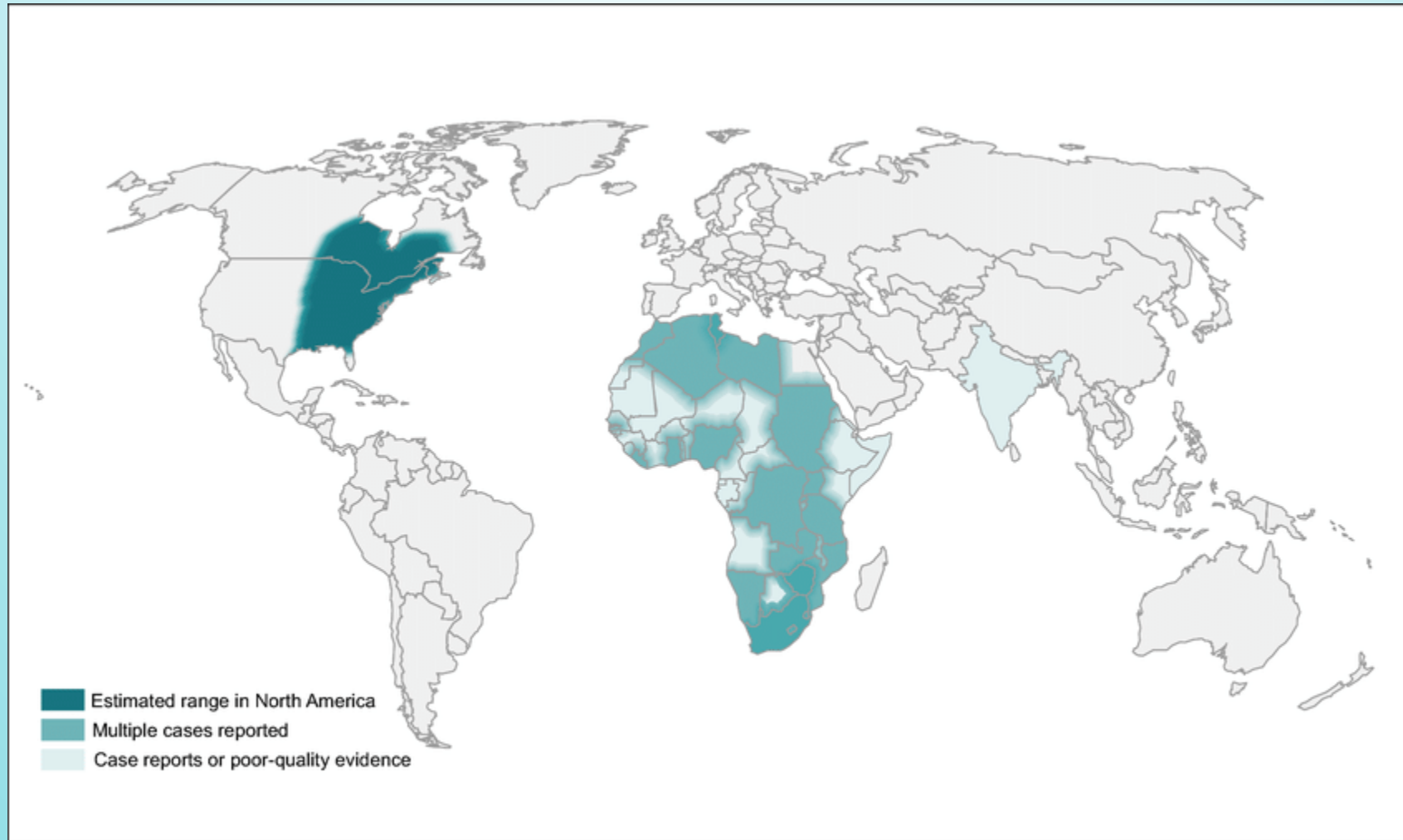
# Coccidioides



[Figure 1 - Coccidioidomycosis Outbreaks, United States and Worldwide, 1940–2015 - Volume 24, Number 3—March 2018 - Emerging Infectious Diseases journal - CDC](#)



# Blastomyces



\*Not that this map is specific to *Blastomyces dermatitidis* complex; other species, such as *Blastomyces helicus* are not included.