

## Climate Goes Viral

### Sources

#### Anaplasmosis:

Mapping data: Léger, Elsa & Vourc'h, Gwenaël & Vial, Laurence & Chevillon, Christine & McCoy, Karen. (2013). Changing distributions of ticks: Causes and consequences. *Experimental & applied acarology*. 59. 219-244. 10.1007/s10493-012-9615-0. [Link](#).

Disease information: <https://www.cdc.gov/anaplasmosis/symptoms/index.html>

#### Dengue fever:

Mapping data: Rochlin I, Ninivaggi DV, Hutchinson ML, Farajollahi A (2013) Climate Change and Range Expansion of the Asian Tiger Mosquito (*Aedes albopictus*) in Northeastern USA: Implications for Public Health Practitioners. *PLoS ONE* 8(4): e60874. [Link](#).

Disease information: <https://www.cdc.gov/dengue/symptoms/index.html>

#### Leishmaniasis:

Mapping data: Moo-Llanes D, Ibarra-Cerdeña CN, Rebollar-Téllez EA, Ibáñez-Bernal S, González C, Ramsey JM (2013) Current and Future Niche of North and Central American Sand Flies (Diptera: Psychodidae) in Climate Change Scenarios. *PLoS Negl Trop Dis* 7(9): e2421. [Link](#).

Disease information: [https://www.cdc.gov/parasites/leishmaniasis/gen\\_info/faqs.html](https://www.cdc.gov/parasites/leishmaniasis/gen_info/faqs.html)

#### Lyme disease:

Mapping data: Léger, Elsa & Vourc'h, Gwenaël & Vial, Laurence & Chevillon, Christine & McCoy, Karen. (2013). Changing distributions of ticks: Causes and consequences. *Experimental & applied acarology*. 59. 219-244. 10.1007/s10493-012-9615-0. [Link](#).

Disease information: [https://www.cdc.gov/lyme/signs\\_symptoms/index.html](https://www.cdc.gov/lyme/signs_symptoms/index.html)

#### Malaria:

Mapping data: Rogers, David & Randolph, Sarah. (2000). The Global Spread of Malaria in a Future, Warmer World. *sci*. 289. 1763-1766. 10.1126/science.289.5485.1763. [Link](#).

Disease information: <https://www.cdc.gov/malaria/about/disease.html>

#### Meat allergy:

Mapping data: Springer YP, Jarnevich CS, Barnett DT, Monaghan AJ, Eisen RJ. Modeling the Present and Future Geographic Distribution of the Lone Star Tick, *Amblyomma americanum* (Ixodida: Ixodidae), in the Continental United States. *The American Journal of Tropical Medicine and Hygiene*. 2015;93(4):875-890. doi:10.4269/ajtmh.15-0330. [Link](#).

Disease information: <https://acaai.org/allergies/types/food-allergies/types-food-allergy/meat-allergy>

**Plague:**

Mapping data: Nakazawa, Yoshinori & Williams, Richard & Peterson, Andrew & Mead, Paul & Staples, Erin & Gage, Kenneth. (2007). Climate Change Effects on Plague and Tularemia in the United States. Vector borne and zoonotic diseases (Larchmont, N.Y.). 7. 529-40. 10.1089/vbz.2007.0125. [Link](#).  
Disease information: <https://www.cdc.gov/plague/symptoms/index.html>

**Trypanosomiasis:**

Mapping data: Garza M, Feria Arroyo TP, Casillas EA, Sanchez-Cordero V, Rivaldi C-L, Sarkar S (2014) Projected Future Distributions of Vectors of *Trypanosoma cruzi* in North America under Climate Change Scenarios. PLoS Negl Trop Dis 8(5): e2818. [Link](#).  
Disease information: [https://www.cdc.gov/parasites/sleepingsickness/gen\\_info/faqs-east.html](https://www.cdc.gov/parasites/sleepingsickness/gen_info/faqs-east.html),  
[https://www.cdc.gov/parasites/chagas/gen\\_info/detailed.html](https://www.cdc.gov/parasites/chagas/gen_info/detailed.html)

**West Nile Fever:**

Mapping data: Harrigan, R. J., Thomassen, H. A., Buermann, W. and Smith, T. B. (2014), A continental risk assessment of West Nile virus under climate change. Glob Change Biol, 20: 2417–2425. doi:10.1111/gcb.12534. [Link](#).  
Disease information: <https://www.cdc.gov/westnile/symptoms/index.html>

**Zika:**

Mapping data: Carlson CJ, Dougherty ER, Getz W (2016) An Ecological Assessment of the Pandemic Threat of Zika Virus. PLoS Negl Trop Dis 10(8): e0004968. [Link](#).  
Disease information: <https://www.cdc.gov/zika/symptoms/symptoms.html>