

Vector Sectors


U.S. CITIES PUBLIC HEALTH PEST WATCHLIST

When temperatures and precipitation levels drastically fluctuate, so can pest populations, including vector pests that can spread disease. **These 10 cities experienced unusual weather this fall and winter, putting them on our watchlist for increased vector pests this season.**



Atlanta 
After an already chilly fall, expected low temperatures in February may cause rodents to seek shelter indoors.



Detroit 
Well below-average temperatures in November may have driven rodents indoors early, and heavy snow predicted for February could cause them to stay put for winter.




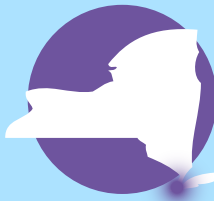
Baltimore 
Significantly below-average temperatures in November may have driven rodents indoors for the winter.




Los Angeles 
Drier fall and winter conditions may cause some cockroaches to seek harborage near or inside buildings in search of food and water.



Chicago 
Severely below-average temperatures in November coupled with extreme cold predicted for February may drive rodents indoors for the remainder of winter.



New York 
Significantly below-average temperatures in November likely drove rodents indoors early, and predicted low temperatures for the remainder of winter could keep them there.




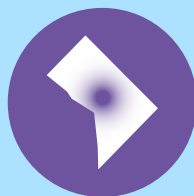
Cleveland 
An uncharacteristically cold fall may have driven rodents indoors, and excessive amounts of snow predicted for February will likely keep them there.






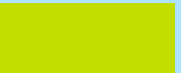
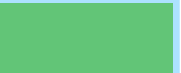




Tampa 
Above-average precipitation levels in December and mild temperatures predicted throughout winter may cause an increase in cockroach pressure.



Dallas 
With mild temperatures for most of fall and winter, expect increased cockroach activity should average temperatures continue to hover around 50°F.



Washington, D.C. 
Sustained temperatures around freezing throughout the remainder of winter could drive rodents indoors in search of food and shelter.

factor key							 RODENT
	Average temps and precip in fall and winter	Above average temps and below average precip in fall and winter	Below average temps in fall and average temps for remainder of winter	Above average temps and precip in fall and below average for remainder of winter	Below average temps in fall and above average precip in winter	Below average temps for fall and winter	 COCKROACH

vector pests 101

rodents: The house mouse and deer mice are vectors of salmonella and hantavirus, respectively, while Norway rats and roof rats are also vectors of salmonella, as well as plague, typhus, jaundice, rat-bite fever, cowpox virus and trichinosis.

cockroaches: Cockroaches have been reported to spread at least 33 kinds of bacteria, including E. coli and salmonella, as well as six kinds of parasitic worms and at least seven other kinds of human pathogens.

prevention primer

- + Store food in airtight containers and dispose of garbage regularly
- + Clean up food spills and vacuum regularly to eliminate attractive food sources
- + Fix leaking pipes, clogged drains to avoid moisture problems
- + Seal potential pest entry points such as cracks, gaps or areas where plumbing pipes and utility lines enter the home
- + Contact a pest control professional if an infestation is suspected