

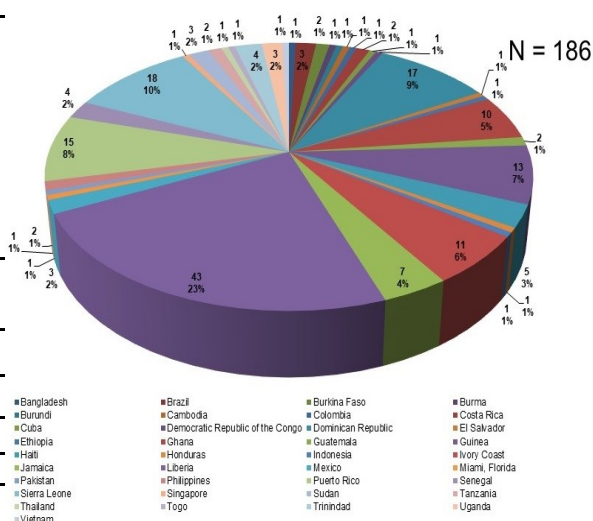
Travel-Related Vector-borne Infections, Philadelphia

October 23, 2020

Philadelphia is home to a diverse population, including many residents who are connected to tropical and subtropical regions of the world and often travel to these areas to visit friends and family where travel-associated vector-borne diseases (i.e. malaria, dengue, chikungunya, and Zika) are endemic.

	Travel-Related Vector-borne Infections			
	Malaria	Chikungunya	Dengue	Zika
Year, n	145	0	18	59 ^c
2020 ^a	7	0	1	0
2019	45	0	13	0
2018	41	0	1	0
2017 ^b	30	0	0	11
2016 ^{bc}	22	0	3	48
Median Age (Range), y	41 (0-106)	-	35 (5-64)	34 (0-73)
Female, n (%)	60 (41%)	-	6 (33%)	45 (76%)
Foreign Born, n (%)	101 (69%)	-	6 (33%)	39 (66%)
Hospitalized, n (%)	109 (75%)	-	11 (61%)	0 (0%)
Death, n (%)	0 (0%)	-	0 (0%)	0 (0%)

Travel Destinations Vector-borne Infections Philadelphia, 2016—2020



Worldwide Distribution Reports

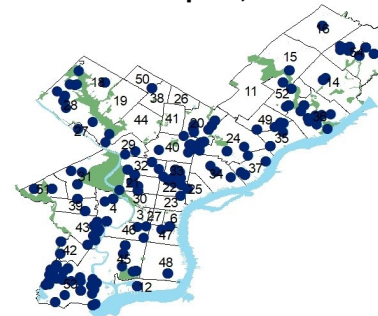
[Zika](#) | [Dengue](#) | [Chikungunya](#)

Aedes Species Mosquito Activity – 2020 Season

Chikungunya, dengue, and Zika viruses are spread by *Aedes spp.* mosquitoes, which are daytime biters and found around homes due to their short flight range. *Aedes aegypti*, a principle vector for transmission of these viruses is not found in Philadelphia. *Aedes albopictus* (Asian tiger mosquito), a less efficient vector are present and active during warmer months in Philadelphia. PDPH will continue to assess the presence of *A. albopictus* in Philadelphia and closely monitor human surveillance data to promptly identify local transmission should it occur.

	<i>A. aegypti</i>	<i>A. albopictus</i>
Number of identifications since May 2020	0	684
Median number of mosquitoes per trap (range)	—	2 (1-907)
Percentage of all mosquito traps (with adult mosquitoes) set during 2020 season	—	25.5%
Percentage of residential zip codes with <i>Aedes</i> mosquitoes	—	78.7%

A. albopictus Locations^a Philadelphia, 2020



^aAdult *A. albopictus* identified 684 times at 167 locations.

- Report suspected and confirmed infections to the Philadelphia Department of Public Health by telephone at 215-685-6742 (215-686-4514 after hours) or fax at 215-238-6947.