Mosquito species distribution by county in New Jersey

Updated July 2021

Based upon county mosquito species lists, light trap data in statewide program, pools submitted to PHEL for arboviral testing and literature records.

Presence marked in red.
Aedes aurifer

Aedes canadensis

Salem County vector surveillance sample 2011, new species

Mercer County to be confirmed

Salem County vector surveillance sample 2011, new species
Aedes cantator

Aedes cinereus
As suggested by Darsie and Ward

Aedes fitchii

Aedes flavescens


• Bergen
In Burlington County, 2004, one larva in a tire
Sussex Borough, 2018

Aedes grossbecki

Aedes hendersoni
Aedes implicatus

In Burlington County, Amassa Landing, Sep 2012

Aedes infirmatus

Vernon Township, 2018
Cumberland County found 4 May 2010 in Heislerville
Aedes stimulans

Aedes taeniorhynchus

June 2012
1st record in Camden County
Aedes thibaulti

Aedes tormentor

2020 – confirmed genetically at CVB
Aedes triseriatus

Aedes trivittatus
Aedes vexans
Anopheles bradleyi

Anopheles crucians

Hudson from PESP light trap study
Anopheles earlei


- Sussex

Anopheles punctipennis

- Sussex

• Cape May
Culex restuans

Culex salinarius
* Crans, W. C., F. Lesser and T. Candeletti. 1979 Recent distribution records of *Culex tarsalis* in New Jersey. Mosquito News, 39(2): 244-245. (Burlington, Cape May, Ocean)
Culiseta inornata

Culiseta melanura

Cumberland County
found 20 Sep 2010 in Dividing Creek and Thompson Creek

Psorophora discolor • Cape May, Cumberland, Ocean, Salem

Hunterdon and Somerset, 2011
Psorophora ferox

Psorophora howardii

• McNelly, J. and W. C. Crans., 1983

• Cape May
Psorophora mathesoni

Toxorhynchites rutilus septentrionalis