Mosquito species distribution by county in New Jersey

Updated June 2022

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
Aedes cantator

Aedes cinereus
Aedes communis

Aedes dorsalis
Aedes dupreei

As suggested by Darsie and Ward

Aedes fitchii

Aedes flavescens


Bergen
In Burlington County, 2004, one larva in a tire.

Aedes implicatus

In Burlington County, Amassa Landing, Sep 2012

Aedes infirmatus

Vernon Township, 2018

2022
Aedes intrudens

Aedes japonicus
Cumberland County
found 4 May 2010 in Heislerville
Aedes punctor

Aedes sollicitans
Aedes stimulans

Aedes taeniorhynchus

June 2012
1st record in Camden County
Aedes vexans
Anopheles atropos

Anopheles barberi
Anopheles bradleyi

Anopheles crucians

Hudson from PESP light trap study
Anopheles earlei

Anopheles punctipennis


• Sussex
Culex erraticus*


Cape May
Culex tarsalis*

Culex territans

* 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

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

- Warren County, Caught 14 July 2015 in gravid trap.

Culiseta morsitans

- Hunterdon County, Caught 8 July 2009 in gravid trap.
- Cumberland County, found 20 Sep 2010 in East Vineland.
Psorophora cyanescens*

Psorophora discolor


Cape May, Cumberland, Ocean, Salem

Hunterdon and Somerset, 2011
Psorophora ferox

Psorophora howardii

• McNelly, J. and W. C. Crans., 1983
  Psorophora howardii: an addition
  to the checklist of New Jersey
  mosquitoes. Mosquito News 42(2):
  237-239.

• Cape May
Psorophora mathesoni

Toxorhynchites rutilus septentrionalis
Uranotaenia sapphirina

Wyeomyia smithii