

SINCE 1924

Contact us.

The Salt Lake City Mosquito Abatement District offers different services for Salt Lake City residents such as mosquito inspections, delivery of mosquito-eating fish (*Gambusia affinis*) to your backyard pond, and educational programs.

To avoid mosquito bites, use an EPA-approved insect repellent (DEET, picaridin, IR3535, oil of lemon eucalyptus), cover exposed skin, and reduce standing water around your property.



801-355-9221



2215 N 2200 W, SLC, UT



www.slcmadutah.gov



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Mosquitoes of Salt Lake City

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Great Salt Lake wetlands

There are nearly 400,000 acres of wetland habitat surrounding the Great Salt Lake.

This is where many mosquitoes come from around the Salt Lake region.



Surveillance

SLCMAD conducts routine surveillance for juvenile (larvae, pupae) and adult mosquitoes. There are two different traps used: a carbon dioxide baited trap and a gravid trap.

Carbon dioxide traps:
Carbon dioxide (CO₂) is used to lure adult mosquitoes to the trap.

Gravid traps:
A hay infusion is used to lure gravid (pregnant) female mosquitoes to the trap.

Collected mosquitoes are then brought back to the SLCMAD laboratory for identification and testing of mosquito-borne diseases such as West Nile virus, St. Louis encephalitis virus, and Western equine encephalitis virus.

Surveillance traps



Common mosquitoes of Salt Lake City

There are approximately 15 mosquito species found around the SLC area. Common mosquitoes frequently collected in SLCMAD's surveillance traps include:

Culex pipiens



Different mosquito species can bite during the daytime or night! Main vectors of West Nile virus include the *Culex* mosquitoes.

Culex tarsalis



Mosquito traps are set twice a week in urban and rural settings. This lets SLCMAD see how many and what kinds of mosquito species are present.

Aedes dorsalis



SLCMAD traps can collect thousands of mosquitoes each night of trapping. The most mosquitoes collected in one night was almost 40,000!

Aedes sierrensis



Culiseta inornata



Credit: Joyce Gross

Anopheles freeborni

