

Insect-Related Disease Interventions



Clinicians and Community Health Workers

Clinicians and Community Health Workers

- Advise on how to recognize and remove ticks and how to recognize "bullseye" rash and other symptoms of tick-borne diseases
- Discuss use of bug repellents, long-sleeved and loose-fitting clothing or tightly woven fabrics, screens, nets, and repellent-soaked clothing - particularly for clients who work outside
- Provide information on mosquito and tick bite prevention during outdoor work and recreation

Resource Links:

Climate-Enhanced
Community Profile

Mosquito-borne Disease
Information

Tick-borne Disease
Information

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Resource Links: [Climate Enhanced Community Profile](#) | [Mosquito-borne Disease Information](#) | [Tick-borne Disease](#)

Local Governments and Health Departments

Local Government and Health Departments

- Create educational outreach materials about protection from insects (e.g., protective clothing, bug repellent, etc.)
- Educate public about reducing standing water around their homes and property (e.g., remove tires, containers, puddles)
- Engage existing or create new mosquito control districts for surveillance and control
- Set schedule for maintaining/cleaning storm drains to prevent surface water pooling and applying larvicide in storm drain reservoirs

Resource Links:

[WNV and EEE Risk Maps](#)

[Tick-borne Educational Materials](#)

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Resource Links: [WNV and EEE Risk Maps](#) | [Tick-borne Educational Materials](#)

Individuals

Individuals

- Inspect outside homes for mosquito breeding grounds (e.g., puddles, ponds, bird baths, rain barrels, flowerpots, trash cans, clogged gutters), make sure gutters are clean, and ensure proper drainage
- Fix leaks, dripping outdoor faucets, or broken sprinkler heads as soon as possible
- Know times of day and places where ticks and mosquitoes are most active and take precautions when working, gardening, or exercising outdoors

Resource Links:

Mosquito-borne Disease
Prevention

Gardening Tips - Don't let
the bugs bite!

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Resource Links: [Mosquito-borne Disease Prevention](#) | [Gardening Tips – Don't let the bugs bite!](#)

Community-Based Organizations

Community-Based Organizations

- Advocate for cooling centers and more green spaces to protect residents from extreme heat
- Advocate for solutions to combined sewage overflows (CSOs) and publicize local discharges
- Organize community wide beach clean-up days and stormwater education campaigns
- Provide educational campaigns on the importance of water (e.g., WetFest) for school age children

Resource Links:

Low Income Home Energy
Assistance Program

Climate-Enhanced
Community Profile

WETFest Information

MA Rivers Alliance Directory

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Resource Links : [Mosquito-borne Disease Prevention](#) | [Tick Identification and Testing Services](#)