

Oklahoma



Forest Health Highlights

2010

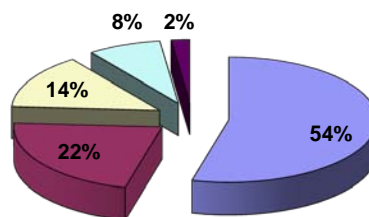
The Resource

Oklahoma's forests cover 10 million acres, about 20% of the state's land area. Some 6.9 million acres of the states forested land is in nonindustrial private ownership, while approximately 397,000 acres are in national forest. Oklahoma's forests are prized for their supporting tourism and providing wildlife state. Major forest types hickory, loblolly and oak-pine, and oak-gum-



Oklahoma's scenic beauty, outdoor recreation and habitat throughout the in the state include oak-shortleaf pine, mixed cypress.

Oklahoma Forest Type Distribution



- Oak-hickory
- Loblolly-shortleaf pine
- Oak-pine
- Oak-gum-cypress
- Elm-ash-cottonwood

Forest Influences and Programs

Japanese beetles caused defoliation of elm, cherry, crabapple, and other species, particularly during June of 2010 in the northeaster portion of Oklahoma. Much of the damage occurred in urban areas and private nurseries.

Pinewood nematode, which causes pine wilt disease, is transmitted by pine sawyer beetles and caused extensive mortality of



Austrian and other pines during 2010,

particularly in

urban communities in the center portion of the state. Drought and other stressors contribute to the frequency of mortality and the success of nematode colonization of pine tree xylem.



Oak decline continued to cause some mortality and dieback of oaks in scattered areas of Oklahoma in 2010. Oak decline is common across much of the eastern forested portion of the state and is often exacerbated by drought conditions.

Southern pine beetle (SPB) was absent from Oklahoma again in 2010 on state, private, and national forest lands. *Ips engraver beetles*, however, caused isolated pine mortality in southeast Oklahoma, but this mortality is difficult to detect and quantify.

Thousand canker disease emergency quarantine: In response to the discovery of this disease in eastern Tennessee as well as in western states, an emergency quarantine prohibits entry into or transition through the State of Oklahoma all products of the black walnut tree, unless accompanied by a phytosanitary certificate from the state of origin.

Forest Health Assistance in Oklahoma

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