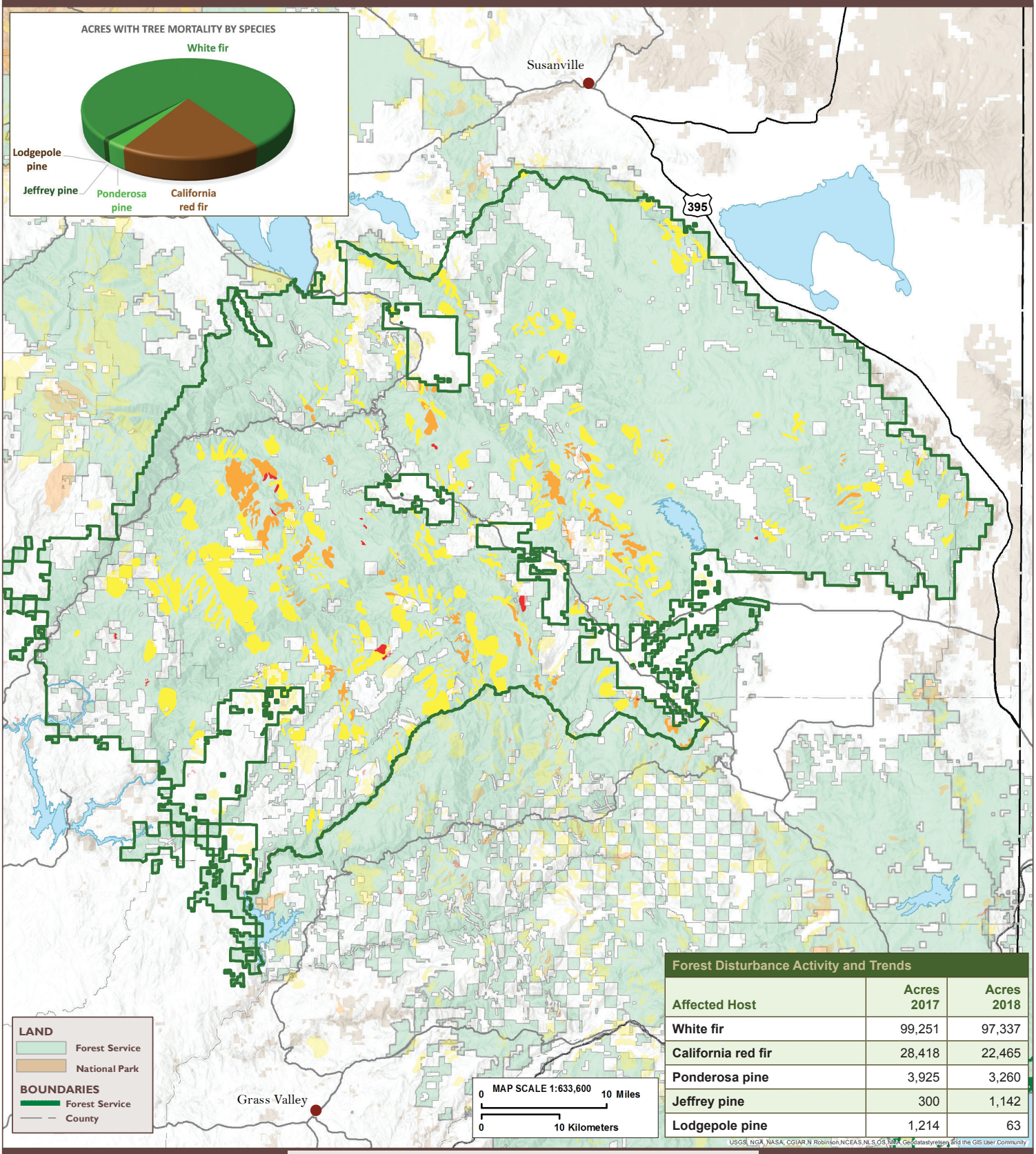
AERIAL DETECTION SURVEY, 2018
PLUMAS NATIONAL FOREST

USDA
UNITED STATES DEPARTMENT OF AGRICULTURE



Forest Disturbance Activity and Trends

Affected Host	Acres 2017	Acres 2018
White fir	99,251	97,337
California red fir	28,418	22,465
Ponderosa pine	3,925	3,260
Jeffrey pine	300	1,142
Lodgepole pine	1,214	63

TREE MORTALITY

Dead Trees per Acre

Less than 5 | 5 - 10 | 10 - 15 | 15 - 20 | 20 - 35 | More than 35

AERIAL DETECTION SURVEY, 2014-2018
PLUMAS NATIONAL FOREST

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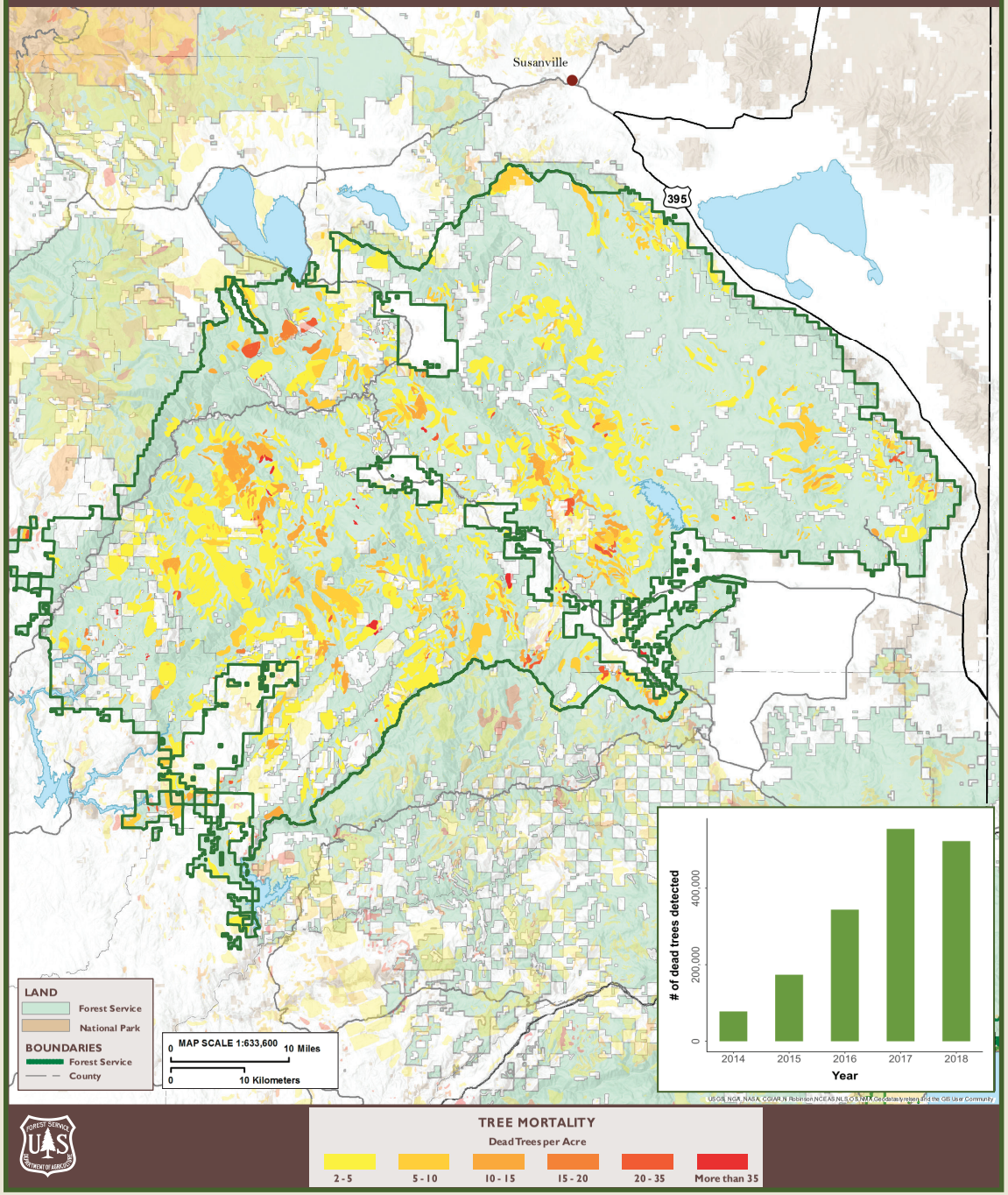

Scattered fir mortality in the Sierra foothills in the southern area of Plumas National Forest.

Highlights

- Overall mortality decreased from an estimated 555,000 dead trees across 134,000 acres in 2017 to 523,000 dead trees across 125,000 acres in 2018.
- White fir mortality remained at similar levels from approximately 400,000 dead trees and 99,000 acres affected in 2017 to 394,000 dead trees across 97,000 acres in 2018. Mortality was widespread at light to moderate intensities and was particularly intense within the Bucks Lake Wilderness area.
- California red fir mortality decreased from 140,000 dead trees in 2017 to 109,000 dead trees in 2018, but mortality did increase in the Grizzly Ridge area.
- Ponderosa pine mortality remained at similar levels from approximately 7,000 dead trees across 3,900 acres in 2017 to an estimated 7,200 dead trees across 3,200 acres in 2018.