

Table 1--Basal area, volume, and annual mortality per acre, by oak decline status, in the Mountain and Northern Piedmont Survey Units of Virginia

Stand condition	Unaffected areas	Affected areas	All oak forests
Initial (1977) basal area	73 ft <sup>2</sup>	90 ft <sup>2</sup>	76 ft <sup>2</sup>
Initial (1977) total volume	1,399 ft <sup>3</sup>	1,735 ft <sup>3</sup>	1,455 ft <sup>3</sup>
Initial (1977) oak volume	657 ft <sup>3</sup>	1,271 ft <sup>3</sup>	759 ft <sup>3</sup>
Total annual mortality	14.7 ft <sup>3</sup>	26.3 ft <sup>3</sup>	16.6 ft <sup>3</sup>
Oak annual mortality	6.2 ft <sup>3</sup>	18.7 ft <sup>3</sup>	8.2 ft <sup>3</sup>
Oak mortality (percent) <sup>a</sup>	.94	1.47	1.08

<sup>a</sup>(Oak annual mortality/Initial oak volume) x 100.

Table 2--Acres in the Mountain and Northern Piedmont Survey Units of Virginia with oak decline, by ownership

Ownership	Total (all forest types)	Oak forest types <sup>a</sup>	Area affected by oak decline	Oak decline incidence
	- - - - - <u>Thousand acres</u> - - - - -			<u>Percent</u>
National Forest	1,468.5	1,342.6	323.6	24
Other public <sup>b</sup>	229.0	199.8	31.2	16
Private <sup>c</sup>	6,180.8	5,165.8	748.9	14
All ownerships	7,878.3	6,708.2	1,103.7	16

<sup>a</sup>Includes oak-pine, oak-hickory, and chestnut oak forest types.

<sup>b</sup>Small sample size.

<sup>c</sup>Includes forest industry.