

Smith, J. E., L. S. Heath, and J. C. Jenkins. 2003. *Forest Volume-to-Biomass Models and Estimates of Mass for Live and Standing Dead Trees of U. S. Forests*. General Technical Report NE-298, Newtown Square, PA: USDA Forest Service.

Table 1.--Forest types classified for mass estimates of trees in this report (based on the FIADB forest-type groups)

Region ^a	Forest type	FIADB forest type group
NE	Aspen-Birch	Aspen-Birch
	MBB/Other HW	Oak-Gum-Cypress, Elm-Ash-Cottonwood, and Maple-Beech-Birch
	Oak-Hickory	Oak-Hickory
	Oak-Pine	Oak-Pine
	Other Pine	Longleaf-Slash Pine, Loblolly-Shortleaf Pine, and pines other than White-Red-Jack
	Spruce-Fir	Spruce-Fir and other non-pine conifers
	WRJ-Pine	White-Red-Jack Pine
	Nonstocked	Nonstocked
NLS	Aspen-Birch	Aspen-Birch
	Lowland HW	Oak-Gum-Cypress and Elm-Ash-Cottonwood
	MBB	Maple-Beech-Birch
	Oak-Hickory	Oak-Hickory
	Pine	All pine groups and Oak-Pine
	Spruce-Fir	Spruce-Fir
	Nonstocked	Nonstocked
NPS	Conifer	All conifer groups
	Lowland HW	Oak-Gum-Cypress, Elm-Ash-Cottonwood, and Aspen-Birch
	MBB	Maple-Beech-Birch
	Oak-Hickory	Oak-Hickory
	Oak-Pine	Oak-Pine
	Nonstocked	Nonstocked
SC, SE	Bottomland HW	Oak-Gum-Cypress, Elm-Ash-Cottonwood, and Aspen-Birch
	Natural Pine	Longleaf-Slash Pine and Loblolly-Shortleaf Pine, naturally occurring
	Oak-Pine	Oak-Pine
	Other Conifer	Other conifer groups
	Planted Pine	Longleaf-Slash Pine and Loblolly-Shortleaf Pine, planted
	Upland HW	Oak-Hickory and Maple-Beech-Birch

	Nonstocked	Nonstocked
PSW	Douglas-fir Fir-Spruce Hardwoods Other Conifer Pinyon-Juniper Redwood Nonstocked	Douglas-fir and Hemlock-Sitka Spruce Fir-Spruce-Mountain Hemlock Hardwoods Ponderosa Pine, Lodgepole Pine, and other conifer groups Pinyon-Juniper Redwood Nonstocked
PWE	Douglas-fir Fir-Spruce Hardwoods Lodgepole Pine Ponderosa Pine Pinyon-Juniper Nonstocked	Douglas-fir, Western Larch, and Redwood Fir-Spruce-Mountain Hemlock and Hemlock-Sitka Spruce Hardwoods Lodgepole Pine Ponderosa Pine and Western White Pine Pinyon-Juniper Nonstocked
PWW	Douglas-fir Fir-Spruce Other Conifer Other Hardwoods Red Alder Western Hemlock Nonstocked	Douglas-fir and Redwood Fir-Spruce-Mountain Hemlock Ponderosa Pine, Western White Pine, Lodgepole Pine, and other conifer groups Other hardwoods Alder-Maple Hemlock-Sitka Spruce Nonstocked
RMN, RMS	Douglas-fir Fir-Spruce Hardwoods Lodgepole Pine Other Conifer Ponderosa Pine Pinyon-Juniper Nonstocked	Douglas-fir, Western White Pine, Hemlock-Sitka Spruce, Western Larch, and Redwood Fir-Spruce-Mountain Hemlock Hardwoods Lodgepole Pine Other conifer groups Ponderosa Pine Pinyon-Juniper Nonstocked

^a NE=Northeast; NLS=Northern Lake States; NPS=Northern Prairie States; SC=South Central; SE=Southeast; PSW=Pacific Southwest; PWE=Pacific Northwest Eastside; PWW=Pacific Northwest Westside; RMN=Rocky Mountains North; RMS=Rocky Mountains South.