

FOREST CARBON STOCKS 2006, 2012, AND 2017

Carbon stock	2006		2012		2017	
	Million t	% Total	Million t	% Total	Million t	% Total
Above-ground biomass*	30.6	8.9	39.7	10.4	45.6	14.6
Below-ground biomass**	6.7	1.9	8.8	2.3	10.3	3.3
Deadwood***	1.2	0.4	2.5	0.6	2.1	0.7
Litter	2.3	0.7	6.3	1.6	7.1	2.3
Soil	304.9	88.1	323.7	85.1	246.6	79.1
Total	348.4	100.0	381.0	100.0	311.7	100.0

* Above-ground biomass includes all living stems, branches and needles/leaves based on a stump height at 1% of total tree height.

** Below-ground biomass includes all roots to a minimum diameter of 5 mm.

*** Deadwood includes all logs, stumps and branches with a minimum diameter of 7 cm.

Source: Forest Statistics Ireland 2019, Department of Agriculture, Food and the Marine.