

United Kingdom
Reporting Form 4.5: Deadwood

Pan-European indicator 4.5: Volume of standing and of lying deadwood on forest and other wooded land, classified by forest type.

Related SoEF definitions: Forest, Other wooded land, Deadwood.

Table 4.5a: Deadwood

Category	Year	Volume of deadwood (m ³ /ha)		
		Total	Standing	Lying
Forest	2010	3.9	0.8	3.1
	2005	3.9	0.8	3.1
	2000	3.9	0.8	3.1
	1990	3.9	0.8	3.1
Other wooded land	2010	0	0	0
	2005	0	0	0
	2000	0	0	0
	1990	0	0	0
Total forest and other wooded land	2010	3.9	0.8	3.1
	2005	3.9	0.8	3.1
	2000	3.9	0.8	3.1
	1990	3.9	0.8	3.1
Volume of deadwood in FOWL by species groups:				
Coniferous	2005	4.2	0.6	3.6
Broadleaved	2005	3.6	1.0	2.6

Country comments:

Category	Comments related to data, definitions, etc.	Comments on trend(s)
Standing deadwood	Pieces of standing deadwood were counted, not measured. Volume estimates assumed an average of 0.25 m ³ per tree or limb counted.	See below.

Lying deadwood	Pieces of abandoned timber were counted, not measured; volume estimates assumed an average of 0.035 m ³ per piece. Fallen trees were counted and allocated to three dbh bands but not measured: volume estimates assumed averages of 0.035 m ³ per tree 7-20 cm dbh, 0.5 m ³ per tree 20-50 cm dbh, 2.0 m ³ per tree >50 cm dbh.	The only assessment was in NIWT 1995-99; in the absence of other information, the level is assumed to be roughly constant. Figures for all years will be subject to revision when results become available from the new NFI starting in 2009, which includes mensuration of deadwood.
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Specification of threshold values:

Item	Value	Comment
Minimum height (m) of standing deadwood reported	0	Includes all dead trees and limbs, but not stumps left after harvesting.
Minimum diameter (cm) of standing deadwood reported	7 cm dbh	
Is volume above ground (AG) or above stump (AS)	AS	
Minimum length (m) of lying deadwood reported	2 metres	
Minimum diameter (cm) of lying deadwood reported	7 cm dbh for fallen trees, 15 cm for other deadwood	

Reporting notes:

1. Total volume = sum of standing and lying volume.
2. Recommended minimum length of lying dead trees is 1.0 m.

3. Minimum diameter of standing and lying dead trees: It is up to the countries to define the threshold level for the minimum size of diameter to be reported. It is recommended that the minimum size should be: Standing deadwood: 10 cm of d.b.h.; Lying deadwood: the threshold 10 cm measured 1.0 m from the thicker end of a piece of lying deadwood.
4. Data sources: please specify sources separately for forest, other wooded land and total FOWL if sources differ.
5. The required breakdown by “*Coniferous*” and “*Broadleaved*” (non-coniferous) refers to the deadwood volume (i.e. not to “*forest type*”).
6. The set of pilot Tables with the explanatory notes and guidance for voluntary reporting on Indicators 1.3, 4.1, 4.3 and 4.5 according to the new “European Forest Types” classification is annexed to this Enquiry.

Data sources: (see Reporting note 4)

References to sources of information	Quality (H/M/L)	Table 4.5a Category	Year(s)	Type of inventory	Additional comments
Analysis of Management & Biodiversity Data, J Gilbert, 2007	M		1995-99	From NIWT sample squares	