

United Kingdom

Reporting Form 1.1b: Forest area by forest types

Pan-European indicator 1.1: Area of forest and other wooded land, classified by forest type and by availability for wood supply, and share of forest and other wooded land in total land area.

Related SoEF definitions: Forest, Forest type, Coniferous forest, Broadleaved forest, Mixed forest.

Pilot table 1.1b: Forest area by forest types

Category	Forest area (1000 ha)			
	1990	2000	2005	2010
European Forest Types				
1. Boreal forest	n.a	0	n.a	n.a
2. Hemiboreal and nemoral coniferous and mixed broadleaved-coniferous forest	n.a	91	n.a	n.a
3. Alpine forest	n.a	0	n.a	n.a
4. Acidophilous oak and oak-birch forest	n.a	271	n.a	n.a
5. Mesophytic deciduous forest	n.a	310	n.a	n.a
6. Beech forest	n.a	48	n.a	n.a
7. Mountainous beech forest	n.a	0	n.a	n.a
8. Thermophilous deciduous forest	n.a	0	n.a	n.a
9. Broadleaved evergreen forest	n.a	0	n.a	n.a
10. Coniferous forests of the Mediterranean, Anatolian and Macaronesian regions	n.a	0	n.a	n.a
11. Mire and swamp forest	n.a	0	n.a	n.a
12. Floodplain forest	n.a	56	n.a	n.a
13. Non-riverine alder, birch or aspen forest	n.a	47	n.a	n.a
14. Introduced tree species forest	n.a	1452	n.a	n.a
Unclassified forest	n.a	518	n.a	n.a
TOTAL	n.a	2793	n.a	n.a
Forest types as applied for SoEF2007				
Predominantly coniferous forest	1526	1562	1555	1545
Predominantly broadleaved forest	905	1031	1080	1116
Mixed forest	180	200	210	220

Country comments:

Category	Comments related to data, definitions, etc.	Comments on the reported trend
1. Boreal forest		
2. Hemiboreal and nemoral coniferous and mixed broadleaved-coniferous forest	HAP native pinewoods	
3. Alpine forest		
4. Acidophilous oak and oak-birch forest	HAPs Upland oak-birch plus Lowland mixed deciduous in West of GB plus Upland oakwoods	
5. Mesophytic deciduous forest	HAPs Upland ashwoods plus Lowland mixed deciduous in East of GB	
6. Beech forest	HAP Beech woodland	
7. Mountainous beech forest		
8. Thermophilous deciduous forest		
9. Broadleaved evergreen forest		
10. Coniferous forests of the Mediterranean, Anatolian and Macaronesian regions		

11. Mire and swamp forest	Mire and swamp forest (EFT 11) may be present in the areas classified here as Acidophylous oak and oak-birch forest (EFT 4) as well as in Hemiboreal forest and coniferous (EFT 2) and floodplain forest (EFT 12). The available data from NIWT 1995-99 do not enable us to distinguish the mire forest or its extent at this time.	
12. Floodplain forest	HAP Wet woodlands	
13. Non-riverine alder, birch or aspen forest	HAP Scottish upland birchwoods	

14. Introduced tree species forest	Native/ introduced is determined on a regional basis. As with other categories, data are only available for 1995-99, areas are based on priority HAPs and dominant species and exclude unstocked areas, small woods and Northern Ireland. All these aspects differ from introduced species area in 4.4.	Although this area is similar to the introduced species area reported in 4.4, this is just a coincidence, because the two use different approaches.
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Unclassified forest	For this initial report, this contains: (a) 254 unstocked: open space and temporarily felled, (b) 120 in small woods <2 ha, (c) 83 in Northern Ireland, and (d) 61 other differences between NIWT 1995-99 and year 2000 total.	
Predominantly coniferous forest	Based on NIWT	2005 and 2010 extrapolated, taking account of losses from broadleaved restocking of harvested conifer areas exceeds new planting of conifers.

Predominantly broadleaved forest	Based on NIWT	For 2005 and 2010, calculated by subtraction of total - (conifer + mixed)
Mixed forest	Mixed was estimated as 7% from NIWT (as in FRA 2000), subtracted equally from conifer and broadleaved.	Extrapolated to increase over time, from 6.9% in 1990 to 7.6% in 2010; no data available until new NFI.

Reporting notes:

1. Breakdown by the European Forest Types of total forest area, as reported in Table 1.1a, is required; guidance for the application of European Forest Types is provided in the Annex.
2. Data sources: please specify sources separately only if sources differ for reported European Forest Types.
3. The total area under Category 14 of European Forest Types should correspond to the forest area dominated by introduced tree species in Table 4.4a.
4. EFTs classification covers only stocked forest areas; it is recommended however, to assign unstocked forest areas to EFTs, based on best available information (cf. p.5). If country had problems to assign some specific stocked forest areas to EFTs, please report those areas under "Unclassified stocked forest area" and provide explanation in "Country comments" in order to help introducing refinements/new forest types in the future updates of EFTs: e.g. biogeographical region, regional location within the country, assemblages of dominant tree species.
5. Please also report the forest area according to the old classification system; predominantly coniferous, predominantly broadleaved and mixed forest. These groups should sum up to the same total forest area as for the new EFTs.

Data sources: (see reporting note 3)

References to sources of information	Quality (H/M/L)	Table 1.1b Category	Year(s)	Type of inventory	Additional comments
National Inventory of Woodland & Trees (NIWT)	H	All	1995-99	From 1% sample field survey	

Allocation of NIWT to Habitat Action Plan (HAP) types, (J Gilbert, date?)	M	All EFT except 14	1995-99	Based on species composition within sections	
Allocation of HAP types to EFTs (J Gilbert, revised, June 2010)	M	All EFT	1995-99		
[Further work is in progress to allocate the area currently unclassified, and to estimate changes over time]					