

Forestry Facts & Figures 2010

A summary of statistics about
woodland and forestry



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Prepared by:

Economics & Statistics
Forestry Commission
Silvan House
231 Corstorphine Road
Edinburgh
EH12 7AT
United Kingdom

Enquiries:
Jackie Watson
+44 (0)131 314 6171
statistics@forestry.gsi.gov.uk

Statistician:
Sheila Ward
+44 (0)131 314 6475

www.forestry.gov.uk/statistics





Includes Northern Ireland data provided by Forest Service, an agency of the Department of Agriculture and Rural Development.

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Throughout this publication, the following symbols have been used:

 = conifers

 = broadleaves

Figures in the tables are individually rounded, so the constituent items may not sum to the total given.

Table 1 Area of woodland, 2010

	thousands of hectares		
			Total woodland
FC/FS			
England	144	55	199
Wales	90	15	105
Scotland	413	30	443
Northern Ireland	56	6	61
UK	703	105	809
Non-FC/FS			
England	220	712	931
Wales	65	114	179
Scotland	627	273	900
Northern Ireland	10	16	27
UK	922	1 115	2 037
All woodland			
England	364	766	1 130
Wales	155	129	284
Scotland	1 040	303	1 343
Northern Ireland	66	22	88
UK	1 625	1 220	2 846

Notes:

1. Areas as at 31 March 2010.
2. FC/FS = Forestry Commission/ Forest Service; Non-FC/FS = all other woodland, including some other publicly owned woodland.
3. Figures for non-FC woodland in Great Britain are based on data obtained from the 1995–1999 National Inventory of Woodland and Trees and adjusted for new planting and sales of FC woodland, but at present no adjustment is made for woodland converted to another land use.
4. Broadleaves include coppice and coppice with standards.

Table 2 Area of certified woodland, 2010

	thousands of hectares		
	FC/FS	Non-FC/FS	Total woodland area certified
England	199	144	343
Wales	105	18	124
Scotland	443	314	757
Northern Ireland	61	3	64
UK	809	479	1 288

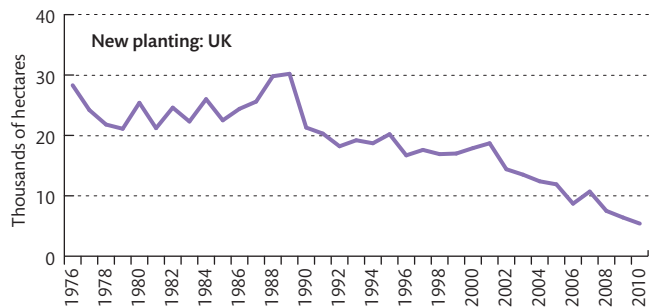
Notes:

1. Areas as at 31 March 2010.
2. FC/FS = Forestry Commission/ Forest Service; Non-FC/FS = all other woodland, including some other publicly owned woodland.
3. All certified woodland in 2010 is under the Forest Stewardship Council (FSC) scheme. Some woodland is also certified under the Programme for the Endorsement of Forest Certification (PEFC) Scheme.
4. The estimates are based on UK data published by FSC, supplemented by data from individual certificates and other sources. Where possible, figures are for the woodland area certified, rather than the land area certified.
5. The Forestry Commission and Forest Service areas are the latest areas, as shown in Table 1, rather than the areas shown on the certificates.

Table 3 New planting

thousands of hectares

Year (to 31/3)	England		Wales		Scotland		Northern Ireland		UK		Total
2006	0.1	3.6	0.0	0.5	1.0	3.0	0.0	0.6	1.1	7.6	8.7
2007	0.1	3.1	0.0	0.4	2.0	4.6	0.0	0.5	2.1	8.5	10.7
2008	0.1	2.5	0.0	0.2	0.7	3.4	0.1	0.5	0.9	6.7	7.5
2009	0.0	2.5	0.0	0.1	1.2	2.3	0.0	0.3	1.2	5.1	6.4
2010	0.0	2.3	0.0	0.1	0.5	2.2	0.0	0.2	0.5	4.8	5.4



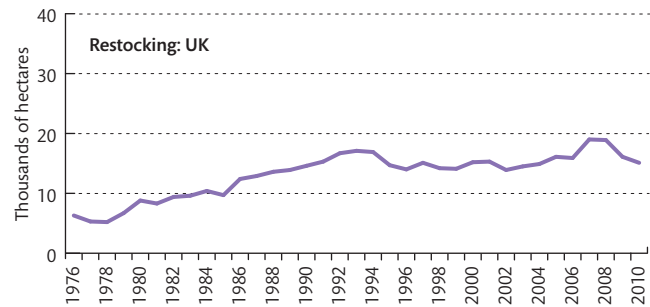
Notes:

1. New planting figures come from Forestry Commission and Forest Service administrative systems.
2. Areas receiving grant aid are allocated to years by date of payment.
3. Figures include an estimate of areas planted without grant aid.
4. Includes woodland formed by natural colonisation.

Table 4 Restocking

thousands of hectares

Year (to 31/3)	England		Wales		Scotland		Northern Ireland		UK		Total
2006	2.1	1.1	1.8	1.0	7.8	1.2	0.8	0.2	12.5	3.4	15.9
2007	1.8	0.9	2.1	0.9	10.6	1.8	0.7	0.1	15.3	3.6	19.0
2008	2.0	1.5	1.5	0.8	10.8	1.8	0.5	0.0	14.8	4.1	18.9
2009	1.7	1.7	1.4	0.8	8.2	1.4	0.8	0.1	12.1	4.0	16.1
2010	1.5	1.3	1.3	0.8	8.0	1.5	0.7	0.0	11.5	3.6	15.1



Notes:

1. Restocking figures come from Forestry Commission and Forest Service administrative systems.
2. Areas receiving grant aid are allocated to years by date of payment.
3. Figures include an estimate of areas planted without grant aid.
4. Includes woodland formed by natural regeneration.
5. Natural regeneration of broadleaves in non-clearfell systems is likely to be under-reported in this table.

Table 5 Wood production

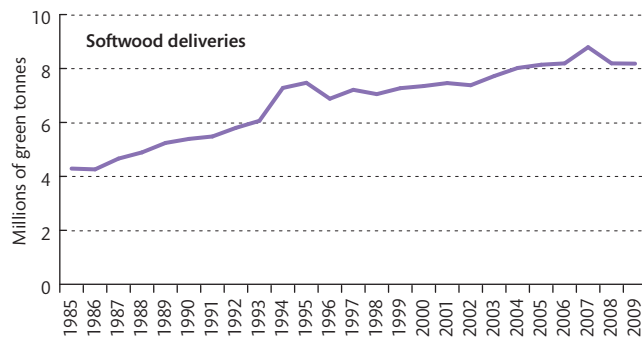
Year	thousands of green tonnes					
	Softwood			Hardwood		
	FC/FS	Non-FC/FS	Total	FC/FS	Non-FC/FS	Total
2005	4 579	3 894	8 473	101	492	593
2006	4 582	3 917	8 499	45	392	438
2007	4 653	4 369	9 022	40	400	440
2008	4 415	4 016	8 432	43	388	431
2009	5 126	3 353	8 479	87	446	533
2007–2011	4 778	5 078	9 856	..	..	..
2012–2016	5 447	5 847	11 294	..	..	..
2017–2021	5 620	6 361	11 980	..	..	..
2022–2026	5 048	6 522	11 570	..	..	..

Notes:

1. FC/FS = Forestry Commission and Forest Service; Non-FC/FS = All other woodland, including other publicly owned woodland.
2. One green tonne is equivalent to approximately 0.98 m³ underbark softwood or 0.88 m³ underbark hardwood, and to approximately 1.22 m³ overbark standing softwood or 1.11 m³ overbark standing hardwood.
3. The figures for softwood (conifers) production are based on FC/ FS administrative records and on trends reported by the largest harvesting companies. In any year, they may differ from the estimates of deliveries given in Table 6a because of variations in the level of stocks between harvesting and delivery to the wood processor. However a persistent difference indicates that statistics for wood production and/ or deliveries may be unreliable.
4. The figures shown for hardwood (broadleaved) production are estimates, based on reported deliveries to wood processing industries and FC/ FS administrative records.
5. The forecasts of future production are annual averages for the five year periods and are taken from the 2005 UK Forecast of Softwood Availability (FC, 2006) (not National Statistics).

Table 6a Softwood deliveries

Year	thousands of green tonnes							
	Saw-mills	Pulp-mills	Wood-based panels	Fencing	Wood-fuel	Other	Round-wood exports	Total
2005	4924	500	1502	317	100	95	705	8 143
2006	5210	481	1365	274	100	114	643	8 187
2007	5590	472	1362	294	200	113	759	8 790
2008	4954	515	1219	339	300	128	733	8 187
2009	5153	511	1009	347	650	160	347	8 178

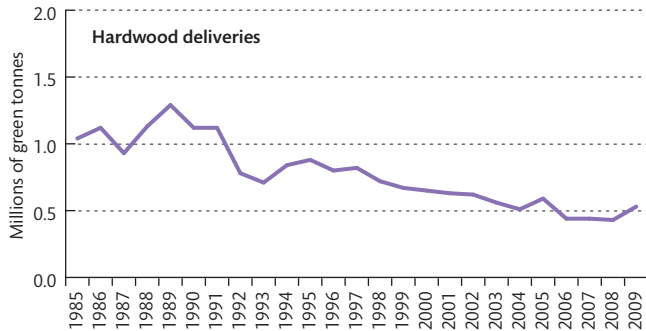


Notes:

1. Figures are based on processing industries' purchases of softwood grown in the UK and estimates for woodfuel.
2. Woodfuel reported here is derived from stemwood, and from 2007 includes estimated roundwood use for biomass energy.
3. Other includes shavings and poles.

Table 6b Hardwood deliveries

Year	thousands of green tonnes					
	Saw-mills	Pulp-mills	Wood-based panels	Wood-fuel	Other	Total
2005	72	214	2	250	55	593
2006	64	54	1	250	70	438
2007	66	0	5	300	69	440
2008	66	0	2	300	63	431
2009	73	0	1	400	59	533



Notes:

1. Figures are based on processing industries' purchases of hardwood grown in the UK and estimates for woodfuel and other uses.
2. Woodfuel reported here is derived from stemwood, and from 2007 includes estimated roundwood use for biomass energy.
3. Other includes round fencing and roundwood exports.

Table 7 Production of wood products

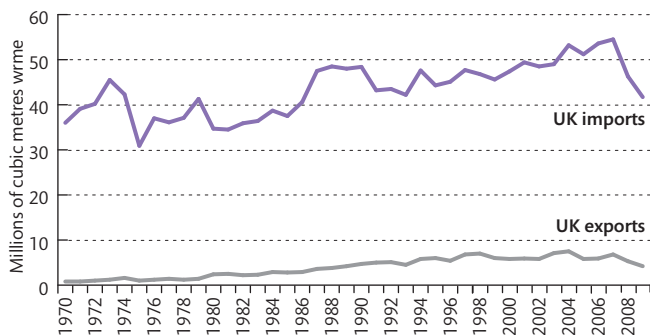
Year	Sawnwood	Wood-based panels	Paper & paperboard
	(000 m ³)	(000 m ³)	(000 tonnes)
2005	2 780	3 398	6 039
2006	2 904	3 498	5 588
2007	3 143	3 549	5 228
2008	2 815	3 140	4 983
2009	2 871	3 030	4 293

Notes:

1. Total production from UK mills, including products using imported material.
2. Excludes other wood products (e.g. fuelwood and round fencing), roundwood and intermediate products (e.g. sawmill products, pulp and recovered paper).

Table 8 Import and export volumes

Year	Imports				Exports		
	Sawn-wood	Other wood	Wood-based panels	Pulp & paper	Wood (sawn & other)	Wood-based panels	Pulp & paper
	(000 m ³)			(000 t)	(000 m ³)		(000 t)
2005	8341	1325	3939	9434	1544	520	4518
2006	7963	1133	3959	9332	1630	510	5022
2007	8469	1621	3858	9405	1698	599	5743
2008	5886	1921	3389	8821	1510	520	5932
2009	5240	946	2500	8052	877	451	5361



Notes:

1. Source: UK overseas trade statistics (HM Revenue & Customs), industry associations and conversion factors.
2. Other wood includes roundwood, wood charcoal, chips, particles and residues.
3. Pulp & paper includes paperboard and recovered waste paper.

Table 9 Import and export values

£ million

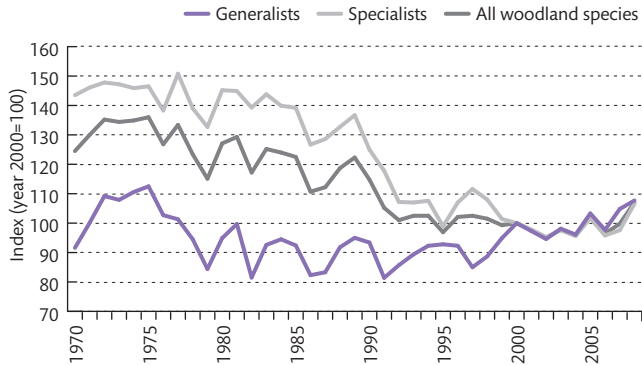
Year	Imports				Exports		
	Sawn-wood	Other wood	Wood-based panels	Pulp & paper	Wood (sawn & other)	Wood-based panels	Pulp & paper
2005	1120	114	918	3954	87	102	1286
2006	1144	112	926	4156	98	128	1284
2007	1516	128	914	4275	110	107	1427
2008	1085	158	873	4273	98	104	1590
2009	953	101	677	4071	63	104	1362

Notes:

1. Source: UK overseas trade statistics (HM Revenue & Customs), industry associations.
2. Other wood includes roundwood, wood charcoal, chips, particles and residues.
3. Pulp & paper includes paperboard and recovered waste paper.

Table 10 Woodland bird populations

Year	index (year 2000=100)		
	All woodland species	Woodland generalists	Woodland specialists
2004	96	96	96
2005	102	103	102
2006	96	98	96
2007	100	105	98
2008	107	108	107



Notes:
1. Based on data in Wild Bird Populations Statistics release (Defra, November 2009).

Table 11 Visiting woodland

Year	per cent of population			
	Aged 16-34	Aged 35-54	Aged 55 and over	Total
2001	75	77	63	72
2003	71	72	60	67
2005	66	74	56	65
2007	79	82	69	77
2009	78	84	69	77

Notes:
1. Source: UK and GB Public Opinion of Forestry Surveys (not National Statistics).
2. Per cent of population aged 16 and over visiting woodland in last few years.

Frequency of visitors in summer and winter

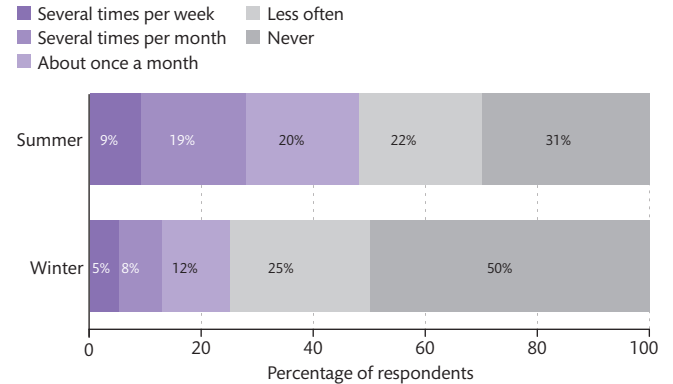


Table 12 Employment in forestry and primary wood processing

Year	Forestry	Saw-milling	Panels	Pulp & paper	thousands
					Total forestry & primary wood processing
2004	13	11	6	17	47
2005	12	10	6	14	42
2006	11	13	5	14	43
2007	13	12	5	12	42
2008	12	11	5	13	41

Notes:

1. Source: Annual Business Inquiry - average employment in year (Office for National Statistics, June 2009 and June 2010).
2. UK Standard Industrial Classification (SIC 2003) categories, used for 2004–2007 data, are: 02 (forestry, logging & related services); 20.1 (sawmilling and planing of wood, impregnation of wood); 20.2 (manufacture of veneer sheets, manufacture of plywood, laminboard, particleboard and other panels and boards); 21.1 (manufacture of pulp, paper and paperboard).
3. UK Standard Industrial Classification (SIC 2007) categories, used for 2008 data, are: 02 (forestry and logging); 16.1 (sawmilling and planing of wood); 16.21 (manufacture of veneer sheets and woodbased panels); 17.1 (manufacture of pulp, paper and paperboard).
4. Excludes secondary wood processing and other wood-using industries.

Table 13 Gross value added in forestry and primary wood processing

Year	Forestry	Saw-milling	Panels	Pulp & paper	£ million
					Total forestry & primary wood processing
2004	321	356	275	788	1 740
2005	323	424	255	762	1 764
2006	286	441	298	612	1 637
2007	384	498	344	825	2 051
2008	466	450	257	734	1 907

Notes:

1. Source: Annual Business Inquiry (Office for National Statistics, June 2009 and June 2010).
2. UK Standard Industrial Classification (SIC 2003) categories, used for 2004–2007 data, are: 02 (forestry, logging & related services); 20.1 (sawmilling and planing of wood, impregnation of wood); 20.2 (manufacture of veneer sheets, manufacture of plywood, laminboard, particleboard and other panels and boards); 21.1 (manufacture of pulp, paper and paperboard).
3. UK Standard Industrial Classification (SIC 2007) categories, used for 2008 data, are: 02 (forestry and logging); 16.1 (sawmilling and planing of wood); 16.21 (manufacture of veneer sheets and woodbased panels); 17.1 (manufacture of pulp, paper and paperboard).
4. Excludes secondary wood processing and other wood-using industries.

Table 14 Forest cover: international comparisons, 2010

Country	Forest area (million ha)	Total land area (million ha)	Forest as % of land area
United Kingdom	3	24	12
Finland	22	30	73
France	16	55	29
Germany	11	35	32
Italy	9	29	31
Spain	18	50	36
Sweden	28	41	69
Other EU	49	154	32
Total EU-27	157	419	37
Russian Federation	809	1 638	49
Total Europe	1 005	2 215	45
Africa	674	2 974	23
Asia	593	3 091	19
North & Central America	705	2 135	33
Oceania	191	849	23
South America	864	1 746	49
World	4 033	13 011	31

Notes:

1. Source: FAO Global Forest Resources Assessment 2010 (not National Statistics).
2. Cyprus is included in EU-27 total but is part of FAO's Asia region.

Table 15 Forest area changes: international comparisons

Region	annual change			
	1990–2000		2000–2010	
	(thousand ha)	(%)	(thousand ha)	(%)
UK	18	0.68	9	0.31
EU-27	732	0.51	517	0.34
Total Europe	877	0.09	676	0.07
Africa	-4067	-0.56	-3 414	-0.49
Asia	-595	-0.10	2 235	0.39
North & Central America	-289	-0.04	-10	0.00
Oceania	-36	-0.02	-700	-0.36
South America	-4 213	-0.45	-3 997	-0.45
World	-8 323	-0.20	-5 211	-0.13

Notes:

1. Source: FAO Global Forest Resources Assessment 2010 (not National Statistics).
2. Cyprus is included in EU-27 total but is part of FAO's Asia region.

Table 16 Wood removals: international comparisons, 2008

Region	million m ³		
	Industrial roundwood	Woodfuel	Total roundwood
UK	8	1	8
EU-27	333	88	421
Total Europe	505	152	657
Africa	70	638	708
Asia	243	754	997
North & Central America	500	132	632
Oceania	52	16	68
South America	186	201	387
World	1557	1892	3449

Largest net importers and exporters of forest products, 2008

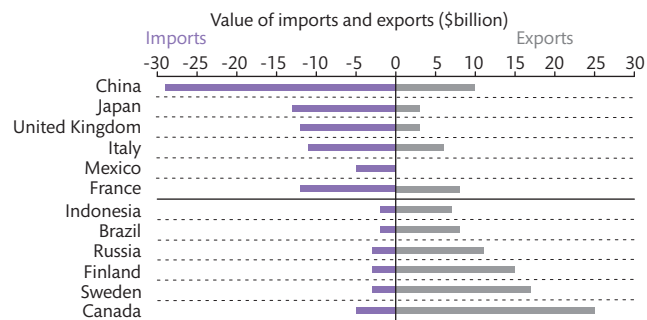


Table 17 Wood products: international comparisons, 2008

Region	Sawwood		Woodbased panels		Paper & paperboard	
	Production	Apparent consumption	Production	Apparent consumption	Production	Apparent consumption
	(million m ³)		(million m ³)		(million tonnes)	
UK	3	8	3	5	5	11
EU-27	105	98	64	61	99	90
Total Europe	138	113	79	76	113	103
Africa	9	12	3	3	4	7
Asia	89	109	117	111	147	154
North & Central America	120	120	49	53	101	100
Oceania	10	8	4	3	3	4
South America	39	34	15	10	11	12
World	404	395	267	257	380	380

Notes for Tables 16 and 17:

1. Source: FAO (not National Statistics).
2. Cyprus is included in EU-27 total but is part of FAO's Asia region.

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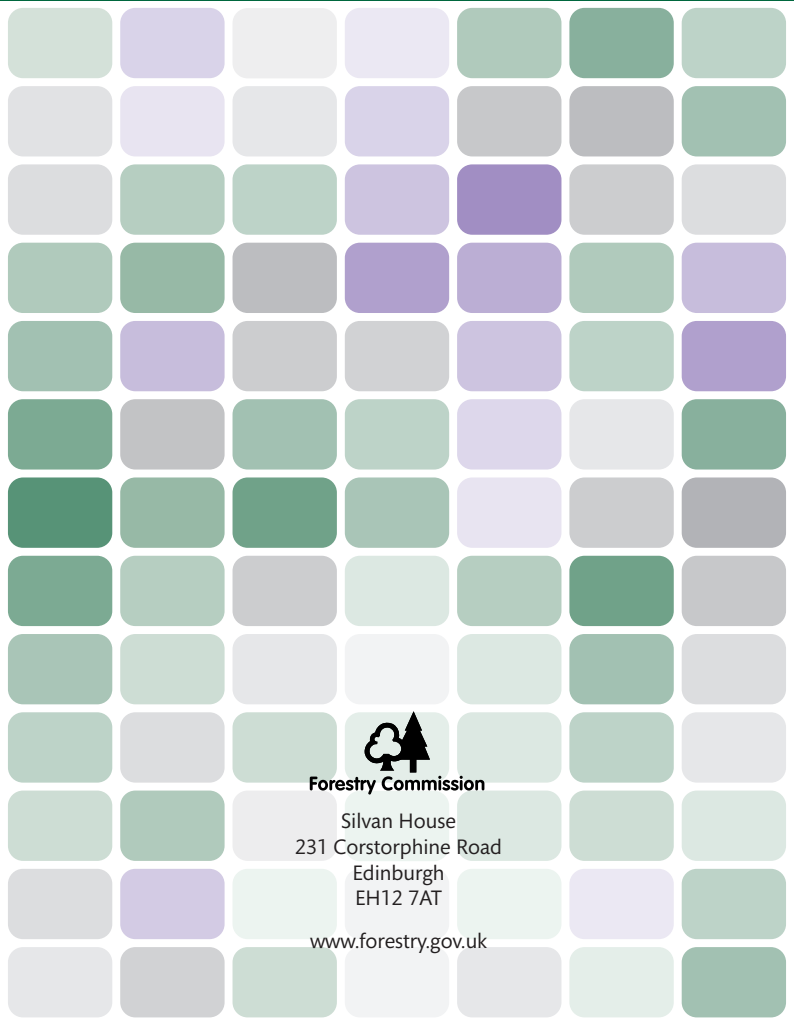
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Forestry Commission

Silvan House
231 Corstorphine Road
Edinburgh
EH12 7AT

www.forestry.gov.uk