

UK Wood Production and Trade

2011 Provisional Figures

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Coverage: United Kingdom

Geographical breakdown: some statistics are available by country and English region in the additional online tables at:

www.forestry.gov.uk/forestry/infd-7aql5b

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Introduction

This publication contains provisional statistics for 2011 on UK wood production and trade. They are based on surveys of the forest sector, administrative records from the Forestry Commission and the Forest Service of Northern Ireland, and trade data from HM Revenue & Customs.

These statistics are used primarily to monitor the state of the UK timber industry, and for reporting to international organisations. For more details please refer to the Relevance section of the *Quality Report: UK Wood Production and Trade* at:

[www.forestry.gov.uk/pdf/ukwptqrpt.pdf/\\$FILE/ukwptqrpt.pdf](http://www.forestry.gov.uk/pdf/ukwptqrpt.pdf/$FILE/ukwptqrpt.pdf)

Please refer to the Annex for a glossary of terms used in this release.

Key findings

The provisional figures for 2011 indicate (with percentage changes from 2010):

- **Removals** (harvesting) of UK roundwood:
 - 9.9 million green tonnes of softwood (+7%);
 - 0.5 million green tonnes of hardwood (+1%).
- **Deliveries** of UK roundwood to wood processors and others:
 - Total: 10.3 million green tonnes of roundwood (softwood and hardwood) (+3%), of which:
 - Sawmills: 5.9 million green tonnes (+4%);
 - Wood-based panels: 1.4 million green tonnes (+3%);
 - Integrated pulp and paper mills: 0.5 million green tonnes (+6%);
 - Other uses, including round fencing, wood fuel, shavings and exports of roundwood: 2.5 million green tonnes (unchanged).
- **Production** of wood products in the UK included:
 - 3.3 million cubic metres of sawnwood (+6%);
 - 3.4 million cubic metres of wood-based panels (unchanged);
 - 4.3 million tonnes of paper and paperboard (+1%).

- **UK imports:**
 - 4.9 million cubic metres of sawnwood;
 - 2.8 million cubic metres of wood-based panels;
 - 7.5 million tonnes of pulp and paper.
 - The total value of wood product imports was £6.8 billion, of which £4.7 billion was pulp and paper.
- **UK exports:**
 - The total value of wood product exports was £1.9 billion, of which £1.7 billion was pulp and paper.

Removals of roundwood

Removals refers to the harvesting of roundwood (trunk and branch wood) from coniferous (softwood) and non-coniferous (hardwood) trees. The figures on removals of UK roundwood are used to monitor trends in the UK forest sector. The data is also used alongside figures for standing volume (the volume of standing trees) and increment (the growth rate of standing trees) to compile natural capital accounts for inclusion in the UK Environmental Accounts.

It is estimated that a total of 10.4 million green tonnes of roundwood was removed from UK woodlands in 2011 (Table 1). This represented a 6% increase from the 2010 figure of 9.8 million green tonnes.

Softwood accounted for most (95%) removals from UK woodland and totalled 9.9 million green tonnes in 2011. This represented a 7% increase on the previous year's figure. Hardwood removals totalled 0.5 million green tonnes in 2011, a 1% increase from 2010.

Table 1: Removals of UK Roundwood

Year	Thousand green tonnes						UK Total
	Softwood			Hardwood			
	FC/FS ¹	Non-FC/FS	Total Softwood	FC/FS	Non-FC/FS	Total Hardwood	
2007	4,653	4,083	8,736	40	400	440	9,176
2008	4,415	3,823	8,238	43	388	431	8,669
2009	5,126	3,266	8,392	87	449	536	8,928
2010	4,625	4,648	9,274	70	465	535	9,809
2011	4,870	5,035	9,905	75	465	541	10,445

Note:

(1) FC: Forestry Commission (Great Britain), FS: Forest Service (Northern Ireland).

(2) The difference between reported softwood removals and deliveries (Table 2) can be caused by variations in the level of stocks between harvesting and delivery to the wood processor, and/or by the differences in data sources and methodologies used to compile removals and deliveries statistics (see Annex).

Sources:

Forestry Commission & Forest Service: Administrative records (FC/FS removals),
Private Sector Softwood Removals Survey (non-FC/FS softwood removals)

Hardwood deliveries as Table 3

Deliveries of roundwood

Figures for deliveries relate to the quantity of UK-grown roundwood that is delivered to wood processors and other users. Statistics on roundwood deliveries are used to monitor trends in the supply of, and demand for, UK-grown wood.

In 2011, deliveries of UK roundwood (softwood and hardwood) totalled 10.3 million green tonnes, a 3% increase from the previous year.

Most UK roundwood deliveries (95%) were softwood and totalled 9.7 million green tonnes in 2011 (Table 2). 5.9 million green tonnes (60% of UK softwood deliveries) were used by sawmills, a 3% increase from the previous year. A further 1.4 million green tonnes were used to produce wood-based panels (3% increase), 0.5 million green tonnes by integrated pulp and paper mills (6% increase), and 2.5 million green tonnes for other uses (unchanged from the level in 2010), including round fencing, wood fuel, shavings and exports of roundwood.

The increase in softwood deliveries for wood fuel in recent years reflects an increase in wood use for heating and energy production (see the Annex for further information).

Table 2: UK Softwood Deliveries

								Thousand green tonnes
Year	Sawmills	Pulp mills	Wood-based panels	Fencing	Wood fuel ¹	Other ²	Softwood exports	Total
2007	5,565	472	1,362	319	200	113	759	8,790
2008	4,933	515	1,219	359	300	128	733	8,187
2009	5,133	511	1,135	367	650	160	347	8,304
2010	5,616	428	1,375	349	1,050	135	467	9,419
2011	5,860	453	1,417	363	900	145	585	9,723

Note:

(1) Wood fuel derived from stemwood. Includes estimates of roundwood use for biomass energy. The figures are estimated by the Expert Group on Timber and Trade Statistics, and from 2008 made use of wood fuel data reported in the Private Sector Softwood Removals Survey.

(2) Includes shavings and poles. Quantities for some uses are estimates by the Expert Group on Timber and Trade Statistics.

Sources:

Forestry Commission & Forest Service: Sawmill Survey,
Survey of Round Fencing Manufacturers
Private Sector Softwood Removals Survey (wood fuel)

UK Forest Products Association (pulp mills)

Wood Panel Industries Federation (wood-based panels)

UK Wood Production and Trade: 2011 provisional figures

There was a total of 0.5 million green tonnes of UK hardwood deliveries in 2011 (Table 3). The majority of UK hardwood deliveries (74% in 2011) were used for wood fuel.

Table 3: UK Hardwood Deliveries

Year	Thousand green tonnes					Total
	Sawmills	Pulp mills	Wood-based panels	Wood fuel ¹	Other ²	
2007	66	0	5	300	69	440
2008	66	0	2	300	63	431
2009	76	0	1	400	59	536
2010	75	0	1	400	59	535
2011	81	0	1	400	59	541

Note:

- (1) Wood fuel derived from stemwood, includes estimated roundwood use for biomass energy. The figures are estimated by the Expert Group on Timber and Trade Statistics. Wood fuel includes wood for charcoal; charcoal production in UK is estimated to be about 5,000 tonnes, with about 7 green tonnes of wood required to make one tonne of charcoal.
- (2) Includes round fencing and roundwood exports. Quantities for hardwood fencing and some other uses are estimates by the Expert Group on Timber and Trade Statistics.

Sources:

Forestry Commission & Forest Service: Sawmill Survey
UK Forest Products Association (pulp mills)
Wood Panel Industries Federation (wood-based panels)

Sawmills

In 2011, the 186 active sawmills in the UK consumed a total of 6.0 million green tonnes of softwood, a 5% increase from 2010 (Table 4). A further 0.1 million green tonnes of hardwood were consumed by UK sawmills in 2011. Most of the logs, 5.9 million green tonnes softwood and 0.1 million green tonnes hardwood, were UK-grown.

2008 saw a significant drop in roundwood consumption and sawnwood production (as well as in sawnwood imports, see Table 10), followed by a progressive recovery in the following three years. As of 2011, consumption and production both exceeded their 2007 levels.

Table 4: Consumption of Roundwood by Sawmills

Year	Softwood			Hardwood		
	UK-grown	Imported	Total	UK-grown	Imported	Total
2007	5,565	263	5,828	66	19	85
2008	4,933	174	5,107	66	20	86
2009	5,133	158	5,291	76	19	95
2010	5,616	103	5,719	75	19	94
2011	5,860	125	5,985	81	20	100

Source:

Forestry Commission & Forest Service: Sawmill Survey

Table 5 provides statistics for the sawnwood output of UK sawmills, including sawnwood produced at these mills from imported logs. A total of 3.3 million cubic metres of sawnwood was produced in the UK in 2011, a 6% increase from 2010.

Table 5: Production of Sawnwood

Year	Thousand cubic metres sawnwood		
	Softwood	Hardwood	Total
2007	3,079	44	3,123
2008	2,755	44	2,799
2009	2,809	48	2,856
2010	3,053	48	3,101
2011	3,227	52	3,279

Source:

Forestry Commission & Forest Service: Sawmill Survey

In addition to producing sawnwood, sawmills also generate other products, including chips and sawdust, which mostly went to wood-based panel and pulp/paper mills in the years reported.

Wood-based Panel Mills

Table 6 shows the inputs to the 7 UK mills that produce wood-based panels. The wood-based panel mills used a total of 4.1 million tonnes of material in 2011, unchanged from 2010. The inputs in 2011 comprised 1.4 million tonnes of roundwood (34%), 1.8 million tonnes of sawmill products (43%) and 1.0 million tonnes of recycled wood fibre (23%).

Table 6: Inputs to Wood-based Panel Mills

Year	UK roundwood ¹		Sawmill products		Imports ²		Recycled wood fibre ³	Total
	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood		
	2007	1,362	5	1,940	0	2		
2008	1,219	2	1,591	0	0	0	1,119	3,932
2009	1,135	1	1,435	0	0	0	1,065	3,636
2010	1,375	1	1,631	0	7	1	1,120	4,135
2011	1,417	1	1,779	0	0	0	952	4,149

Note:

(1) UK roundwood derived from stemwood.

(2) Imports include roundwood, wood products and products from imported wood.

(3) Recycled wood fibre is wood fibre recovered from pre- and post-consumer wood waste for use in wood-based panel production. Quantities are as delivered.

Source:

Wood Panel Industries Federation

Table 7 shows the output of UK mills that produce wood-based panels. Total production of wood-based panels in 2011 was 3.4 million cubic metres, unchanged from the level in 2010.

Table 7: Production of Wood-based Panels

Year	Thousand cubic metres		
	Particleboard ¹	Fibreboard (MDF)	Total wood-based panels
2007	2,684	865	3,549
2008	2,431	709	3,140
2009	2,370	660	3,030
2010	2,594	776	3,370
2011	2,625	759	3,384

Note:

(1) Includes Oriented Strand Board (OSB).

Source:

Wood Panel Industries Federation

Pulp & Paper Industry

Table 8 shows the inputs to the 2 integrated pulp and paper mills in the UK. These mills used a total of 0.6 million tonnes of material (all softwood) in 2011, a 5% increase from the 2010 total.

Table 8: Inputs to Integrated Pulp & Paper Mills¹

Year	UK roundwood ²		Sawmill products		Total	
	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
2007	472	0	161	0	633	0
2008	515	0	152	0	667	0
2009	511	0	120	0	631	0
2010	428	0	98	0	526	0
2011	453	0	99	0	552	0

Note:

(1) This table excludes inputs of recycled paper and cardboard.

(2) UK roundwood derived from stemwood.

Source:

UK Forest Products Association

Most UK paper production uses recovered waste paper or imported pulp. The figures shown in Table 9 cover production by all mills in the UK, not just the integrated pulp and paper mills. A total of 4.3 million tonnes of paper and paperboard were produced in the UK in 2011, an increase of 1% from the previous year. Graphic papers (including newsprint) accounted for 38% of the total UK paper production, packaging materials for 37%, and sanitary and household papers for 18%.

Table 9: Production of Paper

Year					Thousand tonnes
	Graphic papers (inc newsprint)	Sanitary & household papers	Packaging materials	Other	Total
2007	2,229	834	1,852	313	5,228
2008	2,063	783	1,838	299	4,983
2009	1,609	736	1,702	246	4,293
2010	1,637	729	1,640	294	4,300
2011	1,669	765	1,600	307	4,341

Source:

Confederation of Paper Industries.

Wood Pellets and Briquettes

Wood pellets and briquettes are processed wood products that can be made from roundwood, sawmill products and/or recycled wood. Some of the wood used to make wood pellets and briquettes will be accounted for elsewhere in this release. Wood pellets and briquettes are often used for wood fuel, but pellets may also be used for other purposes (such as horse bedding or cat litter).

A total of 248 thousand tonnes of wood pellets and briquettes are estimated to have been made in the UK in 2011. This represents an increase of 26% from the 2010 estimate of 197 thousand tonnes.

Imports and Exports

Statistics on imports and exports are compiled by HM Revenue & Customs from trade declarations and Intrastat reporting for intra-EU trade. Tables 10 to 13 are based on the published UK overseas trade statistics. A total of 6.3 million tonnes of paper was imported into the UK in 2011 (Table 10), a decrease of 8% from 2010. Over the same period, imports of sawnwood decreased by 14% to 4.9 million m³ and imports of wood-based panels increased by 5% to 2.8 million m³.

Table 10: UK Import Quantities¹

Year	Thousand m ³			Thousand tonnes			
	Sawnwood	Wood-based panels	Other wood ²	Paper	Pulp	Recovered paper	Total Pulp & Paper
2007	8,469	3,858	1,621	7,890	1,427	88	9,405
2008	5,886	3,389	1,921	7,403	1,344	74	8,821
2009	5,240	2,500	887	7,018	940	94	8,052
2010	5,699	2,701	1,886	6,825	1,105	115	8,045
2011	4,923	2,827	2,629	6,293	1,016	177	7,486

Note:

- (1) There are reliability concerns for some of these figures, particularly for individual products (see Annex).
 (2) Includes roundwood, wood charcoal, chips, particles and residues.

Source:

HM Revenue & Customs: UK overseas trade statistics
 Estimates by the Expert Group on Timber and Trade Statistics

A total of 5.7 million tonnes of pulp and paper (including recovered paper) was exported by the UK in 2011 (Table 11). This represented an increase of 1% from 2010; wood exports increased by 20% over the same period.

Table 11: UK Export Quantities¹

Year	Thousand m ³			Thousand tonnes			
	Sawnwood	Wood-based panels	Other wood ²	Paper	Pulp	Recovered paper	Total Pulp & Paper
2007	346	599	1,353	971	24	4,749	5,743
2008	222	520	1,289	1,031	10	4,891	5,932
2009	203	451	674	896	22	4,444	5,361
2010	195	509	1,118	1,220	36	4,388	5,645
2011	162	546	1,483	1,215	32	4,479	5,727

Note:

- (1) There are reliability concerns for some of these figures, particularly for individual products (see Annex).
 (2) Includes roundwood, wood charcoal, chips, particles and residues.

Source:

HM Revenue & Customs: UK overseas trade statistics
 Estimates by the Expert Group on Timber and Trade Statistics

UK Wood Production and Trade: 2011 provisional figures

Table 12 shows the value of wood product imports into the UK. Wood product imports in 2011 were valued at a total of £6.8 billion, an increase of 1% from the 2010 total. This comprised 69% pulp and paper (mainly paper), 16% sawnwood, 12% wood-based panels and 3% other wood.

Table 12: UK Import Values¹

Year	Wood			Pulp and Paper			Total Pulp & Paper	Total
	Sawnwood	Wood-based panels	Other wood ²	Paper	Pulp	Recovered paper		
2007	1,516	914	128	3,741	526	7	4,275	6,833
2008	1,085	873	158	3,655	608	10	4,273	6,389
2009	953	677	111	3,635	425	11	4,071	5,811
2010	1,199	781	179	3,997	593	17	4,607	6,765
2011	1,082	838	223	4,049	613	34	4,696	6,839

Note:

- (1) There are reliability concerns for some of these figures, particularly for individual products (see Annex).
- (2) Includes roundwood, wood charcoal, chips, particles and residues.

Source:

HM Revenue & Customs: UK overseas trade statistics

Estimates by the Expert Group on Timber and Trade Statistics

Table 13 shows the value of wood product exports from the UK. Wood product exports were valued at a total of £1.9 billion in 2011, an increase of 3% from the previous year. This comprised 88% pulp and paper (mainly paper), 7% wood-based panels, 2% sawnwood and 3% other wood.

Table 13: UK Export Values¹

Year	Wood			Pulp and Paper			Total Pulp & Paper	Total
	Sawnwood	Wood-based panels	Other wood ²	Paper	Pulp	Recovered paper		
2007	70	107	40	1,013	7	407	1,427	1,645
2008	50	104	48	1,114	3	472	1,590	1,792
2009	41	104	21	1,010	10	342	1,362	1,530
2010	47	113	42	1,068	18	524	1,610	1,812
2011	41	128	53	1,044	11	595	1,650	1,872

Note:

- (1) There are reliability concerns for some of these figures, particularly for individual products (see Annex).
- (2) Includes roundwood, wood charcoal, chips, particles and residues.

Source:

HM Revenue & Customs: UK overseas trade statistics

Estimates by the Expert Group on Timber and Trade Statistics

Annex

Introduction

This annex provides background information on the UK wood production and trade statistics presented in this publication. It covers the data sources and methodology used to produce the statistics, information on quality measures and on any revisions to historic data and links to further information.

Glossary

Brash Branch wood and leaf material that is generally too small in diameter to be considered part of the timber product from a harvesting site.

Briquettes Similar to wood pellets (see below) but larger, briquettes are made from compressed wood fibres and used for heating.

Deliveries The quantities of UK-grown roundwood that is delivered to processors (mills) or for other uses (such as wood fuel and exports). Note that for sawmills and round fencing mills, the deliveries figure reported is actually the quantity of roundwood consumed by the mill, which may differ from the true deliveries figure if the levels of input stocks vary.

Fibreboard Panel material with thickness equal to or greater than 1.5 mm, manufactured from lignocellulosic fibres with application of heat and/or pressure. The bond is derived either from the felting of the fibres and their inherent adhesive properties or from a synthetic binder added to the fibres.

Forestry Commission (FC) The government department responsible for forestry matters in Great Britain. The responsibility for forestry is devolved to ministers in the Scottish Government and the Welsh Government, but some executive functions are exercised throughout Great Britain by the FC.

Forest Service (FS) An agency of the Northern Ireland Department of Agriculture and Rural Development.

Great Britain (GB) England, Wales and Scotland.

Green tonne The weight measurement of timber freshly felled before any natural or artificial drying has occurred.

Hardwood The wood of broadleaved trees, such as oak, birch and beech; a term sometimes used for the broadleaved trees themselves.

Increment The growth rate of standing trees.

Medium-density fibreboard (MDF) Wood fibreboard made by a dry process in which the primary bond is derived from a bonding agent, and having a density usually exceeding 600 kg per cubic metre.

Particleboard Panel material manufactured under pressure and heat from particles of wood (wood and chipboard flakes, chips, shavings, sawdust), with the addition of an adhesive.

Pulp Fibrous material produced by mechanically or chemically reducing wood into its component parts from which pulp, paper and paperboard sheets are formed after proper slushing and treatment or used for dissolving purposes (dissolving pulp or chemical cellulose) to make rayon, plastics, and other synthetic products. Sometimes called wood pulp.

Roundwood Trunk or branch wood, generally with a top diameter of 7 cm or more. Can be in the form of logs (14 cm top diameter or more) or small roundwood (7 to 14 cm).

Sawnwood Sawn timber - timber that has been cut into planks or boards from logs.

Softwood The wood of coniferous trees, such as spruce, pine and larch; a term sometimes used for the coniferous trees themselves.

Standing volume Measurement of quantity before trees are felled. Usually expressed as cubic metres overbark standing.

Stemwood Wood from the stem and main branches of a tree, excluding the stump and small branches.

Stump The above-ground base part of a tree that would usually remain after felling.

Wood pellets Sawdust or wood shavings compressed into uniform diameter pellets to be burned for heat or energy.

Data Sources and Methodology

Administrative sources

Administrative records are used to compile the roundwood removals figures from woodland owned or managed by the Forestry Commission (in Great Britain) or the Forest Service (in Northern Ireland). Further information on administrative sources can be found at:

www.forestry.gov.uk/forestry/inf-d-832ey5

Industry surveys

Data for softwood removals from other woodland and for wood processing is collected through several industry surveys:

- The Private Sector Softwood Removals Survey;
- The Sawmill Survey;
- The Survey of Round Fencing Manufacturers;
- The Pellet and Briquette Production Survey.

Details on each survey and methodology can be found in the Sources section of *Forestry Statistics 2011*:

www.forestry.gov.uk/website/forstats2011.nsf/TopContents?Open&ctx=9314380047FD5FFD8025731E00475FD7

Other sources of industry data include:

- The Wood Panel Industries Federation (for wood-based panels);
- The UK Forest Products Association (for integrated pulp and paper mills);
- The Confederation of Paper Industries (for paper production).

Estimates are also provided by the Expert Group on Timber and Trade Statistics:

www.forestry.gov.uk/forestry/inf-d-5rabj3

Trade statistics

Statistics on imports and exports are based on the published overseas trade statistics for intra-EU trade and extra-EU trade produced by HM Revenue & Customs and available at www.uktradeinfo.com. Where the reporting units for quantity differ from those shown in this release, figures are adjusted using standard FAO/ECE conversion factors, which are listed in *Forestry Statistics 2011* section 11.2.11:

www.forestry.gov.uk/website/forstats2011.nsf/LUCContents/8B4784E90B2A535480257361005015C6

The figures may also be adjusted where an apparent inconsistency in the UK trade figures cannot be resolved before the international return is required.

Historically, HM Revenue & Customs wood trade figures have often necessitated adjustments, following liaison with practitioners in the trade. This is partly because detailed intra-EU wood trade data is obtained through a survey of businesses which trade above a particular value threshold. Businesses which trade below this threshold are only required to report the total value of their imports and exports. Therefore the trade data reported in this publication for individual products is based on a potentially biased survey. More information on HMRC statistics can be found at:

www.uktradeinfo.com/Statistics/Pages/Statistics.aspx

Wood pellets are included within the “wood residues” category in trade statistics, but are separately identifiable from 2009. A total of 1,015 thousand tonnes of wood pellets were imported into the UK in 2011 at a value of £129 million. Exports totalled 38 thousand tonnes, with a value of £3 million in 2011. These figures are included within the “other wood” category in Tables 10 to 13 of this publication.

More details on trade statistics sources can be found in the Sources section of *Forestry Statistics 2011*:

www.forestry.gov.uk/website/forstats2011.nsf/LUContents/3855777FDD3D911C80257360004D43B8

Statistics on international trade flows (by country of source and country of destination) are available from the FAOSTAT website (<http://faostat.fao.org/site/628/default.aspx>).

Softwood removals methodology change

A review of the methodology used to estimate the quantity of UK softwood removals from woodland that is not owned or managed by the Forestry Commission (in Great Britain) or the Forest Service (in Northern Ireland) was undertaken in 2011-2012.

The *Methodology Review of Softwood Removals from Non-FC/ FS Woodland* paper presents the results from this review and the implications of the change in methodology. It can be found at: [www.forestry.gov.uk/pdf/rem_methodology_rev2011-12.pdf/\\$FILE/rem_methodology_rev2011-12.pdf](http://www.forestry.gov.uk/pdf/rem_methodology_rev2011-12.pdf/$FILE/rem_methodology_rev2011-12.pdf)

The present publication is the first release where the new methodology was used. It results in a reduction of non-FC/FS softwood removals figures from 2002, as presented in Table 1.

Quality

The figures in this publication are provisional. Final figures will be published in *Forestry Statistics 2012*, with a summary in *Forestry Facts and Figures 2012*.

Detailed information on the quality of the statistics presented in this publication is available in the *Quality Report: UK Wood Production and Trade* at:

[www.forestry.gov.uk/pdf/ukwptqrpt.pdf/\\$FILE/ukwptqrpt.pdf](http://www.forestry.gov.uk/pdf/ukwptqrpt.pdf/$FILE/ukwptqrpt.pdf)

Further quality information on FC Official Statistics, including separate reports for each of the industry surveys used in this release, is available at:

www.forestry.gov.uk/forestry/infd-7zhk85

Revisions

Figures for 2011 are published for the first time in the present release.

Figures shown for 2010 and earlier years have been previously published. They are however subject to revisions from those published in *Forestry Statistics 2011* and previous publications, to reflect late updates to administrative or survey data.

Because of the methodology change mentioned above, the non-FC/FS softwood removals figures for 2010 and earlier years presented in Table 1 have been revised from the ones released in September 2011 in *Forestry Statistics 2011*. Additionally, the 2010 non-FC/FS softwood removals figure in Table 1 has been revised with the availability of improved data (4,648 thousand green tonnes, a 0.2% revision). Other figures for 2010 and earlier years are unchanged from those provided in *Forestry Statistics 2011*.

The Forestry Commission's revisions policy sets out how revisions and errors to these statistics are dealt with, and can be found at:

[www.forestry.gov.uk/pdf/FCrevisions.pdf/\\$FILE/FCrevisions.pdf](http://www.forestry.gov.uk/pdf/FCrevisions.pdf/$FILE/FCrevisions.pdf).

Further information

Most of these statistics are used to compile data that are sent to international organisations in the Joint Forest Sector Questionnaires (JQ1 and JQ2), in some cases giving more detail than in this release. These returns are published as Official Statistics on the FC website; provisional figures in May and final figures in September. The statistics are used by Eurostat Forestry Statistics, UNECE Timber Bulletins, and UN/FAO Forest Product Statistics and are published on the FAOSTAT database (www.fao.org/forestry/site/29420/en).

The definitions used in this release are consistent with the international definitions, as given in Eurostat's *Forestry in the EU and the World 2011*:

epp.eurostat.ec.europa.eu/cache/ITY_OFFPUB/KS-31-11-137/EN/KS-31-11-137-EN.PDF

Most of the statistics in this release and in the international returns are only available as UK totals, but some statistics can also be broken down by country (England, Scotland, Wales and Northern Ireland). Accompanying tables to this release, available at www.forestry.gov.uk/forestry/infd-7aqI5b, provide longer time series data for wood production (roundwood removals), UK roundwood deliveries, sawmills and round fencing manufacturers, showing additional breakdowns where possible.

Additional analyses are available on request (subject to disclosure constraints).

Figures in tables have been independently rounded, so may not add to the totals shown.

Figures for removals of softwood brush and stumps were not presented in this report to avoid disclosing results for individual respondents.

Figures for UK production and trade of sawn softwood are used alongside data from other sources to assess consumption of sawn softwood in the main end-user markets in the UK. Reports are available at www.forestry.gov.uk/forestry/infd-7fgkh4.

Figures for standing volumes of trees in Great Britain were released by the FC in April 2012 and are available at www.forestry.gov.uk/forestry/infd-8tel28.

The Department of Energy and Climate Change publishes an annual *Digest of UK Energy Statistics* (www.decc.gov.uk/en/content/cms/statistics/publications/dukes/dukes.aspx). Chapter 7 of this digest covers renewable sources of energy including wood. Figures for wood use in renewable energy statistics take into account wood from all sources (including processed wood, recycled wood and imports), not just UK-grown roundwood.

Release schedule

Final figures for 2011 will be released in *Forestry Statistics 2012* on 27 September 2012.

Provisional figures for 2012 will be released in *UK Wood Production and Trade: 2012 provisional figures* on 16 May 2013.

National Statistics

This is a National Statistics publication. For more information about National Statistics and the UK Statistics Authority visit www.statisticsauthority.gov.uk.