

UK Wood Production and Trade

2013 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 2013 on UK wood production and trade. They are based on surveys of the forest sector, administrative records from the Forestry Commission, Natural Resources Wales 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)

The Forestry Commission's functions in Wales transferred to a new organisation, Natural Resources Wales, on 1 April 2013. As a result, data for FC/NRW/FS in Wales relates to Forestry Commission Wales until March 2013 and to Natural Resources Wales from April 2013.

Data has been collected, for the first time, on the volume of softwood harvested under a movement licence, as required by a Statutory Plant Health Notice. This gives an initial, indicative estimate of the quantity of diseased timber (principally larch) removed from forests in 2013.

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

Key findings

The provisional figures for 2013 indicate (with percentage changes from 2012):

- **Removals** (harvesting) of UK roundwood:
 - 10.9 million green tonnes of softwood (+8%);
 - 0.5 million green tonnes of hardwood (-1%);
 - 0.4 million green tonnes of softwood under movement licence.
- **Deliveries** of UK roundwood to wood processors and others:
 - Total: 11.0 million green tonnes of roundwood (softwood and hardwood) (+6%), of which:
 - Sawmills: 6.4 million green tonnes (+5%);
 - Wood-based panels: 1.3 million green tonnes (-1%);
 - Integrated pulp and paper mills: 0.5 million green tonnes (+1%);
 - Other uses, including round fencing, wood fuel, shavings and exports of roundwood: 2.9 million green tonnes (+15%).

- **Production** of wood products in the UK included:
 - 3.6 million cubic metres of sawnwood (+5%);
 - 3.0 million cubic metres of wood-based panels (+1%);
 - 4.6 million tonnes of paper and paperboard (+2%);
 - 0.3 million tonnes of wood pellets and briquettes (+8%).
- **UK imports:**
 - 5.5 million cubic metres of sawnwood (+6%);
 - 3.0 million cubic metres of wood-based panels (+12%);
 - 5.0 million cubic metres of wood pellets (+128%);
 - 7.2 million tonnes of pulp and paper (-1%);
 - The total value of wood product imports was £6.7 billion (+5%), of which £4.2 billion was pulp and paper (-2%).
- **UK exports:**
 - The total value of wood product exports was £1.7 billion (-5%), of which £1.5 billion was pulp and paper (-4%).

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 11.5 million green tonnes of roundwood was removed from UK woodlands in 2013 (Table 1). This represented an 8% increase from the 2012 figure of 10.6 million green tonnes.

Softwood accounted for most (95%) removals from UK woodland and totalled 10.9 million green tonnes in 2013. This represented an 8% increase on the previous year's figure. Hardwood removals totalled 0.5 million green tonnes in 2013, a 1% decrease from 2012.

Table 1: Removals of UK Roundwood

Year	Softwood			Hardwood			UK Total
	FC/NRW /FS ¹	Other ²	Total Softwood	FC/NRW /FS ¹	Other ²	Total Hardwood	
2009	5,126	3,266	8,392	87	449	536	8,928
2010	4,625	4,633	9,258	70	465	535	9,793
2011	4,870	5,186	10,056	75	465	541	10,597
2012	4,836	5,259	10,095	55	478	532	10,628
2013	5,084	5,856	10,940	79	451	529	11,470

Note:

(1) FC: Forestry Commission (England, Scotland, and until March 2013, Wales), NRW: Natural Resources Wales (from April 2013), FS: Forest Service (Northern Ireland).

(2) Other: removals from all other woodland.

(3) 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, Natural Resources Wales & Forest Service:

Administrative records (FC/NRW/FS removals),

Private Sector Softwood Removals Survey (non-FC/NRW/FS softwood removals)

Hardwood deliveries as Table 3

Softwood removals under a movement license

Within the 10.9 million green tonnes of softwood removed from UK woodland in 2013, approximately 350 thousand green tonnes were removed under a movement license, as required by a Statutory Plant Health Notice. This comprised around 250 thousand green tonnes from FC/NRW/FS woodland and around 100 thousand green tonnes from other woodland.

Softwood removals under a movement license are expected to consist mainly of Japanese larch that is suspected to be infected by *Phytophthora ramorum*. However a small volume of species other than larch is likely to be included in these figures.

While movement licenses have been issued by the FC for several years, 2013 is the first year for which the associated removals data has been collected and published.

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 2013, deliveries of UK roundwood (softwood and hardwood) totalled 11.0 million green tonnes, a 6% increase from the previous year.

Most UK roundwood deliveries (95%) were softwood and totalled 10.5 million green tonnes in 2013 (Table 2). 6.4 million green tonnes (61% of UK softwood deliveries) were used by sawmills, a 5% increase from the previous year. A further 1.3 million green tonnes were used to produce wood-based panels (unchanged from previous year), 0.5 million green tonnes by integrated pulp and paper mills (a 1% increase), and 2.4 million green tonnes (a 19% increase) for other uses, including round fencing, wood fuel, shavings and exports of softwood roundwood.

Table 2: UK Softwood Deliveries

								Thousand green tonnes
Year	Sawmills	Pulp mills	Wood-based panels	Fencing	Wood fuel ¹	Other ²	Softwood exports	Total
2009	5,133	511	1,135	367	650	160	347	8,304
2010	5,616	428	1,375	349	900	135	467	9,269
2011	5,859	453	1,417	363	900	145	585	9,722
2012	6,073	461	1,269	338	1,000	154	535	9,831
2013	6,371	465	1,263	338	1,250	179	640	10,506

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 make 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: 2013 provisional figures

There was a total of 0.5 million green tonnes of UK hardwood deliveries in 2013 (Table 3). The majority of UK hardwood deliveries (76% in 2013) 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	
2009	76	0	1	400	59	536
2010	75	0	1	400	59	535
2011	81	0	1	400	59	541
2012	75	0	2	400	55	532
2013	74	0	0	400	55	529

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 2013, the 177 active sawmills in the UK consumed a total of 6.5 million green tonnes of softwood, a 5% increase from 2012 (Table 4). A further 0.1 million green tonnes of hardwood were consumed by UK sawmills in 2013. Most of the logs, 6.4 million green tonnes softwood and 0.1 million green tonnes hardwood, were UK-grown.

Table 4: Consumption of Roundwood by Sawmills

Year	Softwood			Hardwood		
	UK-grown	Imported	Total	UK-grown	Imported	Total
2009	5,133	158	5,291	76	19	95
2010	5,616	103	5,719	75	19	94
2011	5,859	125	5,984	81	20	100
2012	6,073	124	6,198	75	17	93
2013	6,371	126	6,497	74	13	88

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 3.6 million cubic metres of sawnwood was produced in the UK in 2013, a 5% increase from 2012.

Roundwood consumption by sawmills and sawnwood production have increased each year since 2009.

Table 5: Production of Sawnwood

Year	Thousand cubic metres sawnwood		
	Softwood	Hardwood	Total
2009	2,809	48	2,856
2010	3,053	48	3,101
2011	3,227	52	3,279
2012	3,361	48	3,409
2013	3,525	46	3,571

Source:

Forestry Commission & Forest Service: Sawmill Survey

In addition to producing sawnwood, sawmills also generate other products, including chips and sawdust, which are mainly used by wood processors and for woodfuel.

Wood-based Panel Mills

Table 6 shows the inputs to the six UK mills that produced wood-based panels in 2013. The wood-based panel mills used a total of 3.8 million tonnes of material in 2013, a 5% decrease from 2012. The inputs in 2013 comprised 1.3 million tonnes of roundwood (33%), 1.7 million tonnes of sawmill products (45%) and 0.9 million tonnes of recycled wood fibre (22%).

Table 6: Inputs to Wood-based Panel Mills

Year	Thousand green tonnes							Recycled wood fibre ³	Total
	UK roundwood ¹		Sawmill products		Imports ²				
	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood			
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	
2012	1,269	2	1,851	0	0	0	909	4,031	
2013	1,263	0	1,709	0	0	0	853	3,825	

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 produced wood-based panels. Total production of wood-based panels in 2013 was 3.0 million cubic metres, a 1% increase from 2012. The marked decrease between 2011 and 2012 largely results from the closure of a panel mill in 2012.

Table 7: Production of Wood-based Panels

Year	Thousand cubic metres		
	Particleboard ¹	Fibreboard (MDF)	Total wood-based panels
2009	2,370	660	3,030
2010	2,594	776	3,370
2011	2,625	759	3,384
2012	2,215	788	3,003
2013	2,276	756	3,032

Note:

(1) Includes Oriented Strand Board (OSB).

Source:

Wood Panel Industries Federation

Pulp & Paper Industry

Table 8 shows the inputs to the two integrated pulp and paper mills in the UK. These mills used a total of 0.5 million tonnes of material (all softwood) in 2013, a 1% increase from the 2012 total.

Table 8: Inputs to Integrated Pulp & Paper Mills^{1,2}

Thousand green tonnes			
Year	UK roundwood ³	Sawmill products	Total
2009	511	120	631
2010	428	98	526
2011	453	99	552
2012	461	79	540
2013	465	83	548

Note:

(1) All wood inputs to integrated pulp & paper mills are softwood for the years shown.

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

(3) 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 4.6 million tonnes of paper and paperboard were produced in the UK in 2013, an increase of 2% from the previous year. Packaging materials accounted for 41% of the total UK paper production, graphic papers (including newsprint) for 36%, and sanitary and household papers for 18%.

Table 9: Production of Paper

Thousand tonnes					
Year	Graphic papers (inc newsprint)	Sanitary & household papers	Packaging materials	Other	Total
2009	1,609	736	1,702	246	4,293
2010	1,637	729	1,640	294	4,300
2011	1,669	766	1,600	307	4,342
2012	1,616	795	1,798	271	4,480
2013	1,636	802	1,851	272	4,561

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 301 thousand tonnes of wood pellets and briquettes are estimated to have been made in the UK in 2013 (Table 10). This represents an increase of 8% from the 2012 production level.

Table 10: Wood Pellets and Briquettes Production

Thousand tonnes	
Year	Wood pellets and briquettes production
2009	118
2010	197
2011	244
2012	278
2013	301

Source:

Forestry Commission: Survey of UK Pellet and Briquette Production

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 11 to 14 are based on the published UK overseas trade statistics.

A total of 5.9 million tonnes of paper was imported into the UK in 2013 (Table 11), a decrease of 3% from 2012. Over the same period, imports of sawnwood increased by 6% to 5.5 million m³, imports of wood-based panels increased by 12% to 3.0 million m³, and imports of wood pellets increased by 128% to 5.0 million m³. Wood pellet imports have increased each year since 2009.

Table 11: UK Import Quantities¹

Year	Thousand m ³				Thousand tonnes			
	Sawn-wood	Wood-based panels	Wood pellets	Other wood ²	Paper	Pulp	Recovered paper	Total Pulp & Paper
2009	5,240	2,500	66	821	7,018	940	94	8,052
2010	5,699	2,701	816	1,071	7,254	1,094	115	8,462
2011	4,936	2,827	1,502	985	6,887	1,009	177	8,073
2012	5,179	2,650	2,201	965	6,119	1,021	160	7,300
2013	5,500	2,962	5,015	1,234	5,921	1,100	184	7,205

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, excludes pellets.

Source:

HM Revenue & Customs: UK overseas trade statistics

Estimates by the Expert Group on Timber and Trade Statistics

UK Wood Production and Trade: 2013 provisional figures

A total of 5.4 million tonnes of pulp and paper (including recovered paper) was exported by the UK in 2013 (Table 12), a 4% decrease from 2012. Total wood exports decreased by 22% over the same period, but remained higher than the levels in 2009 and 2010.

Table 12: UK Export Quantities¹

Year	Thousand m ³				Thousand tonnes			
	Sawn-wood	Wood-based panels	Wood pellets	Other wood ²	Paper	Pulp	Recovered paper	Total Pulp & Paper
2009	203	451	18	657	896	22	4,444	5,361
2010	195	509	89	1,029	926	35	4,388	5,349
2011	162	546	56	1,430	974	32	4,479	5,485
2012	141	597	79	1,778	1,143	36	4,447	5,626
2013	167	432	157	1,279	1,120	23	4,248	5,391

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, excludes pellets.

Source:

HM Revenue & Customs: UK overseas trade statistics

Estimates by the Expert Group on Timber and Trade Statistics

UK Wood Production and Trade: 2013 provisional figures

Table 13 shows the value of wood product imports into the UK. Wood product imports in 2013 were valued at a total of £6.7 billion, an increase of 5% from the 2012 total. This comprised 62% pulp and paper (mainly paper), 18% sawnwood, 13% wood-based panels, 6% wood pellets and 1% other wood.

Table 13: UK Import Values¹

Year	Wood				Pulp and Paper				Total
	Sawn-wood	Wood-based panels	Wood pellets	Other wood ²	Paper	Pulp	Recovered paper	Total Pulp & Paper	
2009	953	677	7	104	3,635	425	11	4,071	5,812
2010	1,199	781	69	110	3,997	593	17	4,607	6,765
2011	1,080	838	129	79	4,049	613	34	4,696	6,822
2012	1,084	791	185	75	3,727	519	21	4,266	6,402
2013	1,181	876	412	85	3,644	500	21	4,165	6,719

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, excludes pellets.

Source:

HM Revenue & Customs: UK overseas trade statistics

Estimates by the Expert Group on Timber and Trade Statistics

Table 14 shows the value of wood product exports from the UK. Wood product exports were valued at a total of £1.7 billion in 2013, a decrease of 5% from the previous year. The total value of wood product exports in 2013 comprised 89% pulp and paper (mainly paper), 6% wood-based panels, 2% sawnwood and 3% other wood.

Table 14: UK Export Values¹

Year	Wood				Pulp and Paper				Total
	Sawn-wood	Wood-based panels	Wood pellets	Other wood ²	Paper	Pulp	Recovered paper	Total Pulp & Paper	
2009	41	104	2	20	1,010	10	342	1,362	1,530
2010	47	113	7	35	1,068	18	524	1,610	1,812
2011	41	128	3	50	1,044	11	595	1,650	1,872
2012	34	130	4	51	1,048	10	531	1,589	1,807
2013	36	109	5	46	1,017	8	494	1,519	1,717

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, excludes pellets.

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 England, Scotland and (until March 2013) Wales. The Forestry Commission's functions in Wales transferred to a new organisation, Natural Resources Wales, on 1 April 2013. The responsibility for forestry is devolved.

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.

Movement License Any movement of *Phytophthora*-affected wood from a forest site (or subsequent move of affected material from a mill or processing site) requires a Movement Licence to be issued by the Forestry Commission.

Natural Resources Wales (NRW) The body responsible for advising the Welsh Government on the environment, created on 1 April 2013. NRW is responsible for the functions previously undertaken by the Environment Agency in Wales, the Countryside Council for Wales and Forestry Commission Wales.

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.

Phytophthora ramorum Fungus-like pathogen of plants which causes extensive damage and mortality to trees (including Japanese larch) and other plants.

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.

Statutory Plant Health Notice (SPHN) Statutory Plant Health Notices, requiring the felling of infected trees, are issued by the Forestry Commission/Natural Resources Wales/Forest Service to prevent the spread of pests and diseases. They are currently being issued to control the movement of material infected with of *Phytophthora ramorum*.

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, Natural Resources Wales, or the Forest Service (in Northern Ireland). Further information on administrative sources can be found at:

www.forestry.gov.uk/forestry/infd-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 at:

www.forestry.gov.uk/forestry/infd-6tzkzq

Other sources of industry data include:

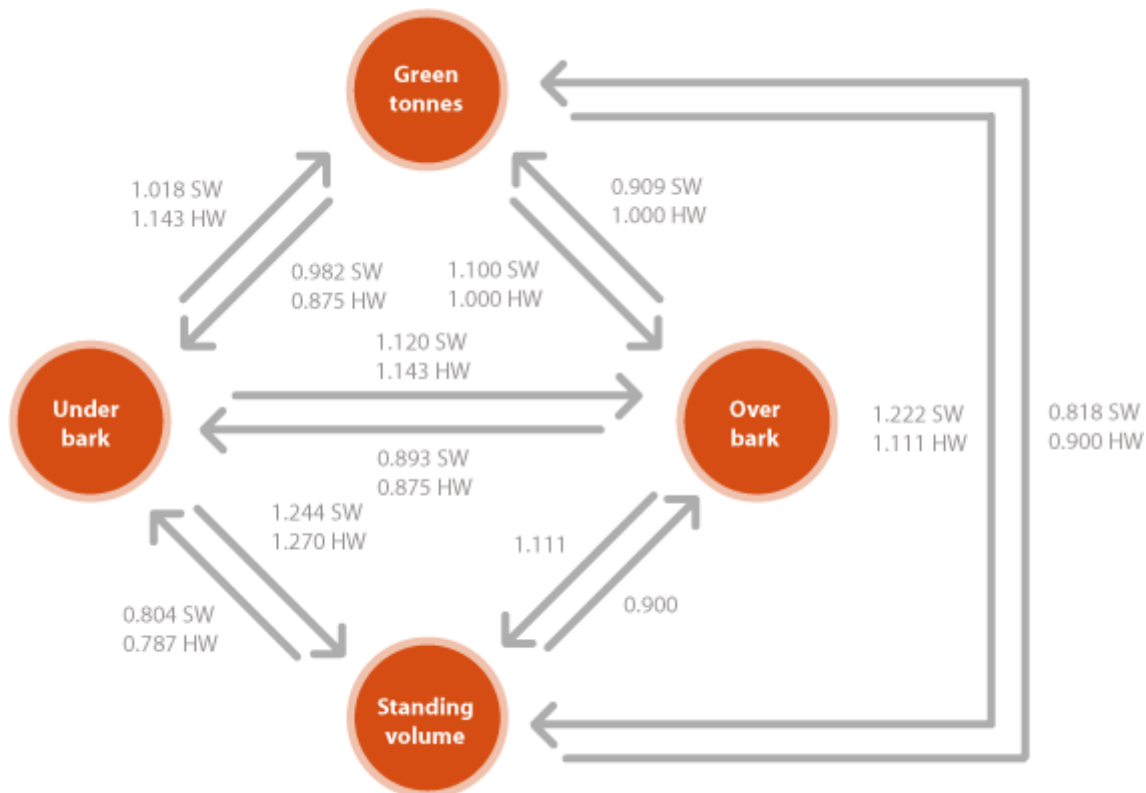
- The Wood Panel Industries Federation (for wood-based panels);
- The UK Forest Products Association (for integrated pulp and paper mills);
- The Confederation of Paper Industries (for paper production).

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

www.forestry.gov.uk/forestry/infd-5rabj3

Conversion factors

The following factors have been used in this release to convert between cubic metres (m³) and green tonnes:



Further information on conversion factors is available in *Forestry Statistics 2013* section 11.2.11:

www.forestry.gov.uk/website/forstats2013.nsf/0/8B4784E90B2A535480257361005015C6?open&RestrictToCategory=1.

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 2013* section 11.2.11:

www.forestry.gov.uk/website/forstats2013.nsf/0/8B4784E90B2A535480257361005015C6?open&RestrictToCategory=1

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.

More details on trade statistics sources can be found in the Sources section of *Forestry Statistics 2013*:

www.forestry.gov.uk/website/forstats2013.nsf/LUContents/3855777FDD3D911C80257360004D43B8

Statistics on international trade flows (by country of source and country of destination) are available from the FAOSTAT website (<http://faostat3.fao.org/faostat-gateway/go/to/home/E>).

Softwood removals methodology change

The methodology used to estimate the quantity of UK softwood removals from woodland that is not owned or managed by the Forestry Commission, Natural Resources Wales or the Forest Service of Northern Ireland was changed in 2012. More details can be found in the *Methodology Review of Softwood Removals from Non-FC/ FS Woodland* paper 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)

Quality

The figures in this publication are provisional. Final figures will be published in *Forestry Statistics 2014*, with a summary in *Forestry Facts and Figures 2014*.

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 2013 are published for the first time in this release.

Figures shown for 2012 and earlier years have been previously published. They are, however, subject to revisions from those published in *Forestry Statistics 2013* and previous publications, to reflect late updates to administrative or survey data.

Estimates of historical FC/FS softwood removals have been refined since the publication of *Forestry Statistics 2013*. As a result, in Table 1, removals for 2010 were revised upwards from 4598 to 4633 thousand green tonnes (+0.8%), removals for 2011 were revised upwards from 5129 to 5186 thousand green tonnes (+1.1%), and removals for 2012 were revised upwards from 5248 to 5259 thousand green tonnes (+0.2%). The estimate for softwood woodfuel in Table 2 for 2010 was also revised downwards from 1050 to 900 thousand green tonnes (-14.3%).

Paper production figures for 2012 in Table 9 have been revised with the availability of improved data. Sanitary & household papers production was revised upwards from 786 to 795 thousand tonnes (+1.1%), packaging materials production upwards from 1734 to 1798 thousand tonnes (+3.7%), other paper production downwards from 280 to 271 thousand tonnes (-3.2%). Total paper production was revised upwards from 4416 to 4480 thousand tonnes (+1.4%).

Other figures for 2012 and earlier years are unchanged from those provided in *Forestry Statistics 2013*.

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 (<http://faostat3.fao.org/faostat-gateway/go/to/home/E>).

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*:
http://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/inf-d-7aq15b, 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.

Further information on *Phytophthora ramorum* is available on the FC website at www.forestry.gov.uk/forestry/inf-d-8xle56.

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/inf-d-7fgkh4.

The Department of Energy and Climate Change publishes an annual *Digest of UK Energy Statistics* (<https://www.gov.uk/government/organisations/department-of-energy-climate-change/series/digest-of-uk-energy-statistics-dukes>). 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 2013 will be released in *Forestry Statistics 2014* and *Forestry Facts and Figures 2014* on 25 September 2014.

Provisional figures for 2014 will be released in *UK Wood Production and Trade: 2014 provisional figures* on 14 May 2015.

National Statistics

The UK Statistics Authority has designated these statistics as National Statistics, in accordance with the Statistics and Registration Service Act 2007 and signifying compliance with the Code of Practice for Official Statistics. Designation can be broadly interpreted to mean that the statistics:

- meet identified user needs;
- are well explained and readily accessible;
- are produced according to sound methods; and
- are managed impartially and objectively in the public interest.

Once statistics have been designated as National Statistics, it is a statutory requirement that the Code of Practice shall continue to be observed.

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