

Forestry Facts & Figures 2010



A summary of statistics about woodland and forestry

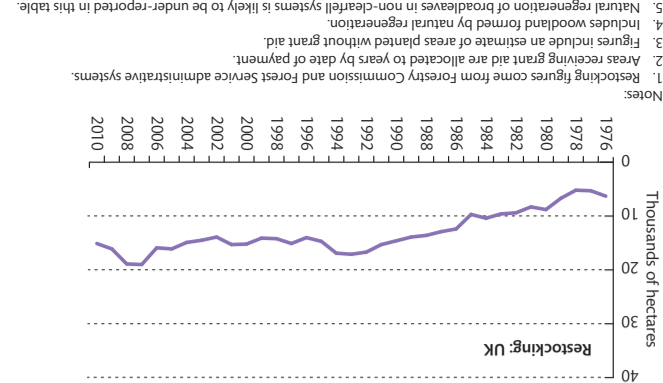
Contents

Table 1	Area of woodland, 2010
Table 2	Area of certified woodland, 2010
Table 3	New planting
Table 4	Restocking
Table 5	Wood production
Table 6a	Softwood deliveries
Table 6b	Hardwood deliveries
Table 7	Production of wood products
Table 8	Import and export volumes
Table 9	Import and export values
Table 10	Woodland bird populations
Table 11	Visiting woodland
Table 12	Employment in forestry and primary wood processing
Table 13	Gross value added in forestry and primary wood processing
Table 14	Forest cover: international comparisons, 2010
Table 15	Forest area changes: international comparisons
Table 16	Wood removals: international comparisons, 2008
Table 17	Wood products: international comparisons, 2008

Throughout this publication, the following symbols have been used:

- = conifers
- = broadleaves

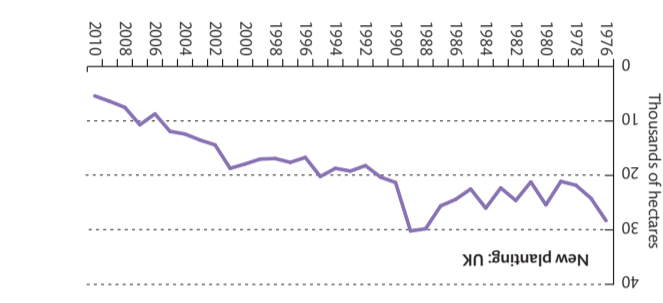
Figures in the tables are individually rounded, so the constituent items may not sum to the total given.



Year	England	Wales	Scotland	Northern Ireland	UK
2010	1.5	1.3	1.3	0.8	15.1
2009	1.7	1.7	1.4	0.8	16.1
2008	2.0	1.5	1.5	0.8	18.9
2007	1.8	0.9	2.1	0.9	19.0
2006	2.1	1.1	1.8	1.0	15.9
2005	4.24	5.00	1.52	3.17	8.143
2004	4.924	5.00	1.52	3.17	8.143
2003	5.210	4.81	1.365	2.74	8.187
2002	5.210	4.81	1.365	2.74	8.187
2001	5.210	4.81	1.365	2.74	8.187
2000	5.210	4.81	1.365	2.74	8.187
1999	5.210	4.81	1.365	2.74	8.187
1998	5.210	4.81	1.365	2.74	8.187
1997	5.210	4.81	1.365	2.74	8.187
1996	5.210	4.81	1.365	2.74	8.187
1995	5.210	4.81	1.365	2.74	8.187
1994	5.210	4.81	1.365	2.74	8.187
1993	5.210	4.81	1.365	2.74	8.187
1992	5.210	4.81	1.365	2.74	8.187
1991	5.210	4.81	1.365	2.74	8.187
1990	5.210	4.81	1.365	2.74	8.187
1989	5.210	4.81	1.365	2.74	8.187
1988	5.210	4.81	1.365	2.74	8.187
1987	5.210	4.81	1.365	2.74	8.187
1986	5.210	4.81	1.365	2.74	8.187
1985	5.210	4.81	1.365	2.74	8.187
1984	5.210	4.81	1.365	2.74	8.187
1983	5.210	4.81	1.365	2.74	8.187
1982	5.210	4.81	1.365	2.74	8.187
1981	5.210	4.81	1.365	2.74	8.187
1980	5.210	4.81	1.365	2.74	8.187
1979	5.210	4.81	1.365	2.74	8.187
1978	5.210	4.81	1.365	2.74	8.187
1977	5.210	4.81	1.365	2.74	8.187
1976	5.210	4.81	1.365	2.74	8.187

Table 4 Restocking
thousands of hectares

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 colonisation.



Year	England	Wales	Scotland	Northern Ireland	UK
2010	0.0	2.3	0.0	0.1	5.4
2009	0.0	2.5	0.0	0.1	6.4
2008	0.1	2.5	0.0	0.2	7.5
2007	0.1	3.1	0.0	0.4	10.7
2006	0.1	3.6	0.0	0.5	8.7
2005	8.73	3.00	3.0	0.6	15.1
2004	8.73	3.00	3.0	0.6	15.1
2003	8.73	3.00	3.0	0.6	15.1
2002	8.73	3.00	3.0	0.6	15.1
2001	8.73	3.00	3.0	0.6	15.1
2000	8.73	3.00	3.0	0.6	15.1
1999	8.73	3.00	3.0	0.6	15.1
1998	8.73	3.00	3.0	0.6	15.1
1997	8.73	3.00	3.0	0.6	15.1
1996	8.73	3.00	3.0	0.6	15.1
1995	8.73	3.00	3.0	0.6	15.1
1994	8.73	3.00	3.0	0.6	15.1
1993	8.73	3.00	3.0	0.6	15.1
1992	8.73	3.00	3.0	0.6	15.1
1991	8.73	3.00	3.0	0.6	15.1
1990	8.73	3.00	3.0	0.6	15.1
1989	8.73	3.00	3.0	0.6	15.1
1988	8.73	3.00	3.0	0.6	15.1
1987	8.73	3.00	3.0	0.6	15.1
1986	8.73	3.00	3.0	0.6	15.1
1985	8.73	3.00	3.0	0.6	15.1
1984	8.73	3.00	3.0	0.6	15.1
1983	8.73	3.00	3.0	0.6	15.1
1982	8.73	3.00	3.0	0.6	15.1
1981	8.73	3.00	3.0	0.6	15.1
1980	8.73	3.00	3.0	0.6	15.1
1979	8.73	3.00	3.0	0.6	15.1
1978	8.73	3.00	3.0	0.6	15.1
1977	8.73	3.00	3.0	0.6	15.1
1976	8.73	3.00	3.0	0.6	15.1

Table 3 New planting
thousands of hectares

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.

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

Table 2 Area of certified woodland, 2010
thousands of hectares

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.

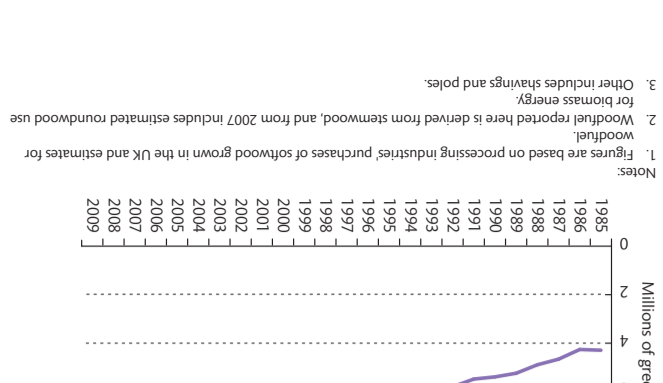
Area	FC/FS	Non-FC/FS	Total woodland
UK	1 625	1 220	2 846
Northern Ireland	66	22	88
Scotland	1 040	303	1 343
Wales	155	129	284
England	364	766	1 130

Table 1 Area of woodland, 2010
thousands of hectares

Notes:
1. Areas as at 31 March 2010.
2. FC/FS = Forestry Commission/ Forest Service; Non-FC/FS = all other woodland, including 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.

Area	FC/FS	Non-FC/FS	Total woodland
UK	922	1 115	2 037
Northern Ireland	10	16	27
Scotland	627	273	900
Wales	65	114	179
England	220	712	931

Table 1 Area of woodland, 2010
thousands of hectares



Year	Round-wood	Other	Wood-fuel	Fencing	Wood-based panels	Pulp-mills	Saw-mills	Total
2009	5153	511	1 009	347	650	160	347	8 178
2008	4 954	515	1 219	339	300	128	733	8 187
2007	5 590	472	1 362	294	200	113	759	8 790
2006	5 210	481	1 365	274	100	114	643	8 187
2005	4 924	500	1 502	317	100	95	705	8 143
2004	4 924	500	1 502	317	100	95	705	8 143
2003	4 924	500	1 502	317	100	95	705	8 143
2002	4 924	500	1 502	317	100	95	705	8 143
2001	4 924	500	1 502	317	100	95	705	8 143
2000	4 924	500	1 502	317	100	95	705	8 143
1999	4 924	500	1 502	317	100	95	705	8 143
1998	4 924	500	1 502	317	100	95	705	8 143
1997	4 924	500	1 502	317	100	95	705	8 143
1996	4 924	500	1 502	317	100	95	705	8 143
1995	4 924	500	1 502	317	100	95	705	8 143
1994	4 924	500	1 502	317	100	95	705	8 143
1993	4 924	500	1 502	317	100	95	705	8 143
1992	4 924	500	1 502	317	100	95	705	8 143
1991	4 924	500	1 502	317	100	95	705	8 143
1990	4 924	500	1 502	317	100	95	705	8 143
1989	4 924	500	1 502	317	100	95	705	8 143
1988	4 924	500	1 502	317	100	95	705	8 143
1987	4 924	500	1 502	317	100	95	705	8 143
1986	4 924	500	1 502	317	100	95	705	8 143
1985	4 924	500	1 502	317	100	95	705	8 143

Table 6a Softwood deliveries
thousands of green tonnes

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

Year	Round-wood	Other	Wood-fuel	Fencing	Wood-based panels	Pulp-mills	Saw-mills	Total
2022-2026	5 048	6 522	11 570	..	..	..	..	..
2017-2021	5 620	6 361	11 980	..	..	..	..	..
2012-2016	5 447	5 847	11 294	..	..	..	..	..
2007-2011	4 778	5 078	9 856	..	..	..	..	..
2009	5 126	3 353	8 479	87	446	533	..	..
2008	4 415	4 016	8 432	43	388	431	..	..
2007	4 653	4 369	9 022	40	400	440	..	..
2006	4 582	3 917	8 499	45	392	438	..	..
2005	4 579	3 894	8 473	101	492	593	..	..

Table 5 Wood production
thousands of green tonnes

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 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 wood processors. 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 periods and are taken from the 2005 UK forecast of softwood availability (FC, 2006) (not National Statistics).

Year	Softwood	Hardwood	Total
2022-2026	5 048	6 522	11 570
2017-2021	5 620	6 361	11 980
2012-2016	5 447	5 847	11 294
2007-2011	4 778	5 078	9 856
2009	5 126	3 353	8 479
2008	4 415	4 016	8 432
2007	4 653	4 369	9 022
2006	4 582	3 917	8 499
2005	4 579	3 894	8 473

Table 5 Wood production
thousands of green tonnes

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.

A National Statistics publication

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

Forestry Commission's statistical release practices

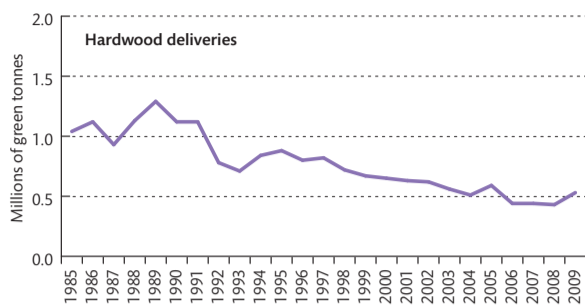
The Forestry Commission aims to release statistics as soon as they are available. All of our National Statistics and other Official Statistics publications are available on our website www.forestry.gov.uk/statistics. Release dates are published on our website for the year ahead. Publications are made available at 9.30 am on the day of release. Further details on Forestry Commission statistical release practices are available in our compliance statement, available on our website.

Forestry Commission's statistical revisions policy

Revisions to statistics can occur when further data become available or errors are corrected. The Forestry Commission will normally revise statistics when the figures next appear in any publication. However, if the revision is significant (i.e. resulting in a major change to the published figures), a note showing the revisions will

Table 6b Hardwood deliveries

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

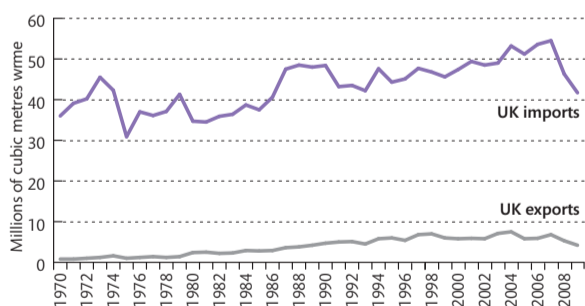
Table 7 Production of wood products

Year	Sawnwood (000 m ³)	Wood-based panels (000 m ³)	Paper & paperboard (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:
- Total production from UK mills, including products using imported material.
 - 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)		
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:
- Source: UK overseas trade statistics (HM Revenue & Customs), industry associations and conversion factors.
 - Other wood includes roundwood, wood charcoal, chips, particles and residues.
 - Pulp & paper includes paperboard and recovered waste paper.

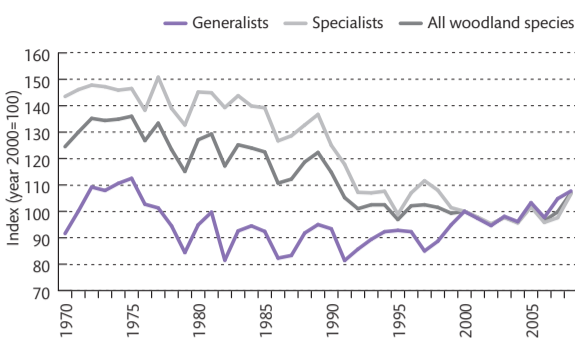
Table 9 Import and export values

Year	Imports				Exports		
	Sawn-wood	Other wood	Wood-based panels	Pulp & paper	Wood (sawn & other)	Wood-based panels	Pulp & paper
	£ million				£ million		
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:
- Source: UK overseas trade statistics (HM Revenue & Customs), industry associations.
 - Other wood includes roundwood, wood charcoal, chips, particles and residues.
 - 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:
- 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:
- Source: UK and GB Public Opinion of Forestry Surveys (not National Statistics).
 - Per cent of population aged 16 and over visiting woodland in last few years.

Frequency of visitors in summer and winter

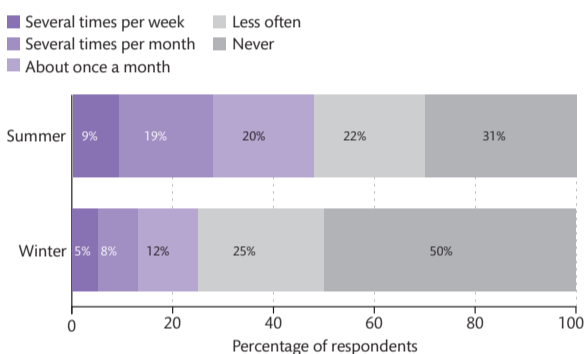


Table 12 Employment in forestry and primary wood processing

Year	thousands				
	Forestry	Saw-milling	Panels	Pulp & paper	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:
- Source: Annual Business Inquiry - average employment in year (Office for National Statistics, June 2009 and June 2010).
 - 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).
 - 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).
 - Excludes secondary wood processing and other wood-using industries.

Table 13 Gross value added in forestry and primary wood processing

Year	£ million				
	Forestry	Saw-milling	Panels	Pulp & paper	Total forestry & primary wood processing
2004	321	356	275	788	1740
2005	323	424	255	762	1764
2006	286	441	298	612	1637
2007	384	498	344	825	2051
2008	466	450	257	734	1907

- Notes:
- Source: Annual Business Inquiry (Office for National Statistics, June 2009 and June 2010).
 - 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).
 - 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).
 - 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	1638	49
Total Europe	1005	2215	45
Africa	674	2974	23
Asia	593	3091	19
North & Central America	705	2135	33
Oceania	191	849	23
South America	864	1746	49
World	4033	13011	31

- Notes:
- Source: FAO Global Forest Resources Assessment 2010 (not National Statistics).
 - 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	-3414	-0.49
Asia	-595	-0.10	2235	0.39
North & Central America	-289	-0.04	-10	0.00
Oceania	-36	-0.02	-700	-0.36
South America	-4213	-0.45	-3997	-0.45
World	-8323	-0.20	-5211	-0.13

- Notes:
- Source: FAO Global Forest Resources Assessment 2010 (not National Statistics).
 - 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

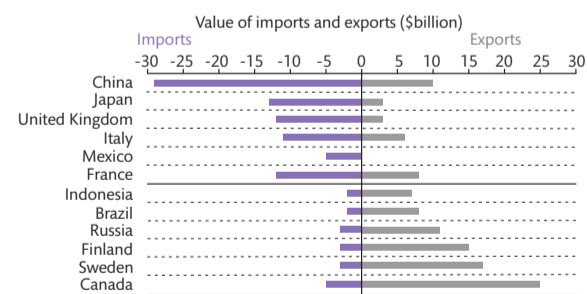


Table 17 Wood products: international comparisons, 2008

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