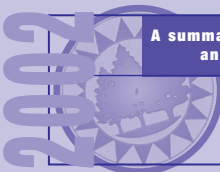


FORESTRY FACTS & FIGURES 2002



**A summary of statistics about woodland
and forestry in Great Britain**

**ECONOMICS AND
STATISTICS UNIT
Forestry Commission**



Forestry Commission

© Crown Copyright 2002

ISBN: 0 85538 573 1

FCFS202/PPD(ECD)/NMMS-3K/SEP02

Prepared by:

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

Enquiries:

Alister Henderson
+44 (0)131 314 6337
statistics@forestry.gsi.gov.uk

Statistician:

Simon Gillam
+44 (0)131 314 6280
simon.gillam@forestry.gsi.gov.uk

www.forestry.gov.uk/statistics

A National Statistics publication

Official statistics bearing the National Statistics logo are produced to high professional standards set out in the National Statistics Code of Practice. They undergo regular quality assurance reviews to ensure that they meet customer needs. They are produced free from political interference. You can also find National Statistics on the internet at: www.statistics.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 publications are available on our website www.forestry.gov.uk/statistics and as printed copies. Release dates are published on our website for the year ahead at six monthly intervals (in June and December) and publications are made available at 12.30 on the day of release.

Contents

Table 1	Area of woodland
Table 2	Forestry Commission land use
Table 3	Planting
Table 4	New planting
Table 5	Restocking
Table 6	Management Grant
Table 7	Wood production
Table 8	Timber deliveries
Table 9	UK imports/exports and consumption
Table 10	Forest employment
Table 11	Forest Enterprise recreational facilities
Table 12	Forest cover: international comparisons – 2000

Please note that the figures in the tables are individually rounded, so the constituent items may not sum to the total given.

Table 1 Area of woodland

thousands of hectares

	Conifers	Broadleaves	Total Woodland
--	----------	-------------	----------------

Forestry Commission

England	156	50	206
Wales	102	11	113
Scotland	450	25	475
Great Britain	708	86	794

Non-FC

England	215	682	898
Wales	64	111	175
Scotland	603	246	849
Great Britain	882	1 040	1 922

All woodland

England	371	733	1 104
Wales	166	122	288
Scotland	1 053	271	1 324
Great Britain	1 591	1 126	2 716

Notes:

1. Areas as at 31 March 2002.
2. Figures for non-FC woodland are based on data obtained from the 1995–1999 National Inventory of Woodlands and Trees and adjusted for new planting and sales of Forestry Commission woodland, but at present no adjustment is made for woodland converted to another land use. They include non-FC publicly owned woodland.
3. Broadleaves include coppice and coppice with standards.

Table 2 Forestry Commission land use

thousands of hectares

Land use	England	Wales	Scotland	GB
Woodland	206.0	113.2	474.8	794.0
Arboreta	0.3	0.0	0.1	0.4
Open land within the forest	34.0	10.6	135.6	180.1
Total forest land	240.3	123.8	610.4	974.5
Agricultural and grazing	6.6	2.0	33.8	42.4
Other non-forest land	10.5	3.3	22.6	36.4
Total other land	17.1	5.3	56.3	78.7
Total land area	257.4	129.1	666.8	1 053.2

Notes:

1. Areas as at 31 March 2002.

Table 3 Planting

	hectares			
	England	Wales	Scotland	GB

Forestry Commission

Conifers	2 231	1 097	4 575	7 903
Broadleaves	231	35	399	665
Total	2 462	1 132	4 974	8 568

Non-FC – all grant schemes

Conifers	865	540	4 989	6 394
Broadleaves	4 408	487	5 775	10 670
Total	5 273	1 027	10 764	17 064

All planting

Conifers	3 096	1 637	9 564	14 297
Broadleaves	4 639	522	6 174	11 335
Total	7 735	2 159	15 738	25 632

Notes:

1. Figures shown are for the areas of planting (new planting and restocking) in the year ending 31 March 2002.
2. Figures for planting on non-FC woodland are grant-aided by the Woodland Grant Scheme, including new planting in association with the Farm Woodland Scheme and the Farm Woodland Premium Scheme, and planting aided by old grant schemes.
3. The areas of new planting and restocking include areas of natural regeneration for which the second instalment of grant has been paid.
4. The table excludes areas planted on non-FC woodland without grant aid, estimated to total 580 hectares in the year (525 in England and 55 in Scotland).

Table 4 New planting

thousands of hectares

Year (to 31/3)	England		Wales		Scotland		Great Britain		
	FC	Non-FC	FC	Non-FC	FC	Non-FC	FC	Non-FC	Total
1992	0.1	4.1	0.1	0.4	2.9	9.8	3.0	14.3	17.3
1993	0.0	5.3	0.0	0.4	2.3	9.8	2.4	15.5	17.9
1994	0.1	6.3	0.0	0.6	1.3	9.2	1.4	16.1	17.5
1995	0.1	5.3	0.0	0.6	0.8	12.6	0.9	18.5	19.4
1996	0.0	4.7	0.0	0.4	0.4	10.2	0.4	15.3	15.7
1997	0.0	4.7	0.0	0.4	0.5	11.3	0.5	16.4	16.8
1998	0.0	4.4	0.0	0.5	0.1	11.3	0.1	16.2	16.3
1999	0.0	5.1	0.0	0.6	0.1	10.4	0.1	16.2	16.3
2000	0.1	5.9	0.0	0.7	0.0	10.4	0.1	17.0	17.1
2001	0.1	5.7	0.0	0.4	0.1	11.6	0.2	17.8	18.1
2002	0.1	4.7	0.0	0.3	0.1	7.9	0.2	12.9	13.2

Notes:

1. FC = Forestry Commission; Non-FC = All other woodland, including some other publicly owned woodland.
2. Figures for non-FC woodland are based on areas for which grants were paid during the year, as in Table 3, together with an estimate of areas planted without grant aid.
3. The planting season lies both sides of 31 March, and the weather can cause planting to be advanced or delayed.
4. Includes woodland formed by natural regeneration.

Table 5 Restocking

thousands of hectares

Year (to 31/3)	England		Wales		Scotland		Great Britain		
	FC	Non-FC	FC	Non-FC	FC	Non-FC	FC	Non-FC	Total
1992	2.9	4.1	1.8	0.6	3.6	3.2	8.3	7.9	16.2
1993	2.9	3.9	1.8	0.7	3.9	3.6	8.5	8.1	16.6
1994	2.7	3.7	2.0	0.4	3.3	4.3	7.9	8.5	16.4
1995	2.4	2.5	2.0	0.6	3.5	3.1	7.9	6.2	14.1
1996	2.2	2.0	1.6	0.6	3.7	3.2	7.5	5.8	13.3
1997	2.2	2.1	2.2	0.8	3.5	3.7	7.9	6.6	14.5
1998	2.3	2.0	1.9	0.8	3.6	2.7	7.8	5.6	13.4
1999	2.3	1.8	2.2	0.8	3.4	3.0	7.9	5.5	13.4
2000	2.2	1.7	1.8	0.8	4.3	3.8	8.2	6.3	14.6
2001	2.1	1.8	1.4	0.8	4.4	3.6	8.0	6.2	14.2
2002	2.3	1.1	1.1	0.8	4.9	2.9	8.3	4.7	13.0

Notes:

1. FC = Forestry Commission; Non-FC = All other woodland, including some other publicly owned woodland.
2. Figures for non-FC woodland are based on areas for which grants were paid during the year, as in Table 3, together with an estimate of areas planted without grant aid.
3. The planting season lies both sides of 31 March, and the weather can cause planting to be advanced or delayed.
4. Includes woodland formed by natural regeneration.

Table 6 Management grant

thousands of hectares

Year (to 31/3)	England	Wales	Scotland	GB
----------------	---------	-------	----------	----

1998

Conifers	5.9	0.9	5.8	12.6
Broadleaves	18.5	1.2	3.9	23.6
Total	24.4	2.1	9.7	36.1

1999

Conifers	6.2	0.8	6.6	13.6
Broadleaves	24.6	1.5	3.6	29.6
Total	30.8	2.3	10.1	43.3

2000

Conifers	8.6	0.9	5.4	14.9
Broadleaves	24.9	1.0	4.3	30.3
Total	33.5	1.9	9.7	45.1

2001

Conifers	4.9	0.4	6.3	11.7
Broadleaves	18.5	1.4	2.6	22.5
Total	23.4	1.9	8.9	34.2

2002

Conifers	5.3	1.2	10.4	16.9
Broadleaves	21.1	2.1	4.3	27.5
Total	26.4	3.3	14.7	44.4

Notes:

1. These figures are for areas approved for Standard, Special and Annual Management Grant under the Woodland Grant Scheme.

Table 7 Wood production

thousands of cubic metres overbark standing

Year	Conifers			Broadleaves	Total
	FC	Non-FC	Total		
1994	4 320	3 030	7 350	930	8 280
1995	4 130	3 510	7 640	970	8 610
1996	4 290	3 370	7 670	870	8 530
1997	4 570	3 790	8 360	890	9 250
1998	4 830	3 420	8 250	790	9 030
1999	5 440	3 380	8 820	740	9 560
2000	5 530	3 970	9 500	720	10 220
2001	5 140	4 460	9 600	710	10 310
2002–2006	5 130	5 750	10 870	1 000	11 870
2007–2011	5 980	7 080	13 060	1 000	14 060
2012–2016	6 240	8 200	14 450	1 000	15 450
2017–2021	6 850	8 630	15 480	1 000	16 480

Notes:

1. One m³ overbark standing equals approximately 0.80 m³ underbark, and weighs approximately 0.82 tonnes (softwood) or 0.90 tonnes (hardwood) when freshly felled.
2. Most broadleaved production comes from private estates; the figures shown for broadleaves are estimates based on reported deliveries to wood processing industries.
3. The forecasts of future production are annual averages for the five-year periods. Conifer forecasts are taken from the forecast of softwood availability, published in *Forestry & British Timber*, April 2001 (these forecasts are not part of National Statistics).
4. All figures are rounded to the nearest 10 000 m³.
5. FC = Forestry Commission; Non-FC = All other woodland, including some other publicly owned woodland.

Table 8 Timber deliveries

thousands of cubic metres underbark

Year	Soft-wood logs	Hard-wood logs	Wood-based panels	Paper products	Other	Total GB use	Direct exports	Total GB timber
1994	3 350	300	1 470	1 250	710	7 080	50	7 130
1995	3 320	320	1 770	1 260	690	7 350	10	7 360
1996	3 410	250	1 550	1 010	640	6 870	0	6 870
1997	3 470	250	1 760	1 100	630	7 210	0	7 210
1998	3 550	220	1 570	990	660	6 970	0	6 970
1999	3 840	190	1 630	820	660	7 140	20	7 160
2000	3 820	170	1 700	860	600	7 140	20	7 160
2001	3 890	170	1 680	840	600	7 170	60	7 230

Notes:

1. All figures are based on processing industries estimates of purchases of timber grown in GB.
 2. Woodbased panels are particleboard and fibreboard.
 3. Paper products include paperboard.
 4. Other includes timber for fencing, mining and fuelwood.
 5. All figures are rounded to the nearest 10 000 m³.
-

Table 9 UK imports/exports and consumption

millions of cubic metres WRME

Year	Imports					Exports	UK production	Apparent consumption
	Wood	Pulp	Panels	Paper	Total	Total		
1994	17.4	8.6	5.1	16.4	47.6	5.8	7.3	49.2
1995	14.1	9.1	5.1	15.9	44.3	6.0	7.6	45.9
1996	15.0	8.2	5.4	16.6	45.1	5.4	7.1	46.8
1997	15.6	8.4	6.0	17.8	47.7	6.8	7.4	48.4
1998	15.6	7.7	6.3	17.2	46.8	7.0	7.2	47.0
1999	15.5	7.8	6.1	17.5	46.9	7.6	7.4	46.7
2000	16.9	8.6	6.7	16.4	48.6	7.7	7.5	48.4
2001	16.9	7.4	7.2	18.3	49.8	7.8	7.6	49.5

Notes:

1. Source: UK Overseas Trade Statistics and conversion factors.
 2. WRME = wood raw material equivalent, softwood + hardwood, underbark. These are equivalent to the underbark volumes in Table 8.
 3. Wood = roundwood and sawnwood.
 4. Panels = particleboard, fibreboard, plywood and veneers.
 5. Paper includes paperboard.
 6. UK production estimated from deliveries for Great Britain + Northern Ireland.
 7. Apparent consumption = imports – exports + UK production; it excludes recycled wood and waste-paper of UK origin.
-

Table 10 Forest employment

Activity	full-time equivalent numbers			
	England	Wales	Scotland	GB
Forest nurseries	421	2	201	624
Establishment	1 088	252	1 189	2 529
Maintenance	1 680	380	1 304	3 364
Harvesting	2 330	493	1 947	4 770
Road construction	181	47	179	407
Other forest	466	144	372	982
Total forest	6 166	1 318	5 192	12 676
Haulage	326	142	593	1 061
Processing	5 952	2 192	3 083	11 227
Other non-forest	2 295	447	1 826	4 568
Total non-forest	8 573	2 781	5 502	16 856
Total	14 739	4 099	10 694	29 532

Notes:

1. All figures are from the Forest Employment Survey 1998/99, published in January 2001 (not a National Statistics publication).
 2. Other non-forest includes employment in local authorities, forestry education and training and other sectors not covered by previous Forest Employment Surveys.
-

Table 11 Forest Enterprise recreational facilities

Facility	England	Wales	Scotland	GB
Forest walks	249	54	401	704
Cycle trails	81	13	117	211
Horse riding routes	45	11	11	67
Forest drives	6	1	5	12
Car parks	363	107	294	764
Picnic sites	214	86	114	414
Toilets	55	17	32	104
Play areas	28	10	4	42
Orienteering courses	34	6	12	52
Visitor centres	19	5	8	32
Wildlife hides	14	3	5	22
Forest classrooms	23	4	2	29
Viewpoints	0	0	32	32
X-country ski routes	0	0	7	7

Notes:

1. Figures as at 31 March 2002.

Table 12 Forest cover: international comparisons – 2000

Country	Forest area (000 ha)	Total land area (000 ha)	Forest as % of land area
Europe			
United Kingdom	2 794	24 160	11.6
Austria	3 886	8 273	47.0
Belgium/Luxembourg	728	3 282	22.2
Denmark	455	4 243	10.7
Estonia	2 060	4 227	48.7
Finland	21 935	30 459	72.0
France	15 341	55 010	27.9
Germany	10 740	34 927	30.7
Greece	3 599	12 890	27.9
Ireland	659	6 889	9.6
Italy	10 003	29 406	34.0
Latvia	2 923	6 205	47.1
Lithuania	1 994	6 258	31.9
Netherlands	375	3 392	11.1
Norway	8 868	30 683	28.9
Portugal	3 666	9 150	40.1
Russian Federation	851 392	1 688 851	50.4
Spain	14 370	49 945	28.8
Sweden	27 134	41 162	65.9
Switzerland	1 199	3 955	30.3
Other Europe	55 130	206 590	26.7
Total Europe	1 039 251	2 259 957	46.0

Source:

FAO State of the World's Forests 2001 (not a National Statistics publication).

Table 12 (Continued)

Country	Forest area (000 ha)	Total land area (000 ha)	Forest as % of land area
Asia			
China	163 480	932 743	17.5
Japan	24 081	37 652	64.0
Other Asia	360 232	2 114 351	17.0
Total Asia	547 793	3 084 746	17.8
North and Central America			
USA	225 993	915 895	24.7
Canada	244 571	922 097	26.5
Other N./Central America	78 740	298 974	26.3
Total N./Central America	549 304	2 136 966	25.7
South America			
Brazil	543 905	845 651	64.3
Other South America	341 713	909 090	37.6
Total South America	885 618	1 754 741	50.5
Africa			
Total Africa	649 866	2 978 394	21.8
Oceania			
Australia	154 539	768 230	20.1
New Zealand	7 946	26 799	29.7
Other Oceania	35 138	54 067	65.0
Total Oceania	197 623	849 096	23.3
Total World	3 869 455	13 063 900	29.6

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 be published as soon as possible on the Forestry Commission website and distributed to all known recipients. In addition, the web versions of any current publications affected will be revised.



Forestry Commission

**231 Corstorphine Road
Edinburgh
EH12 7AT**

www.forestry.gov.uk