

# Woodland in the Marches Local Enterprise Partnership area: current and forecast

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**Enquiries:** Ben Ditchburn, 0131 314 6208,  
NFI@forestry.gsi.gov.uk

**Statistician:** Alan Brewer,  
alan.brewer@forestry.gsi.gov.uk

**Website:** [www.forestry.gov.uk/inventory](http://www.forestry.gov.uk/inventory)  
[www.forestry.gov.uk/forecast](http://www.forestry.gov.uk/forecast)

## Summary

This report is a digest of the published 2011 NFI forecast reports for the Marches LEP area.

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## Approach

The approach taken in the derivation and to be used in the interpretation of these results is described in the full suite of 2011 forecast reports which can be found at [www.forestry.gov.uk/forecast](http://www.forestry.gov.uk/forecast).

## Results

The results presented are those for the Marches Local Enterprise Partnership (LEP) area. Unless otherwise stated, the forecasts are based on "headline" harvesting scenarios which are fully described in the *Interpreting NFI timber volume forecasts* report.

### 2011 stocked area and standing volume

Refer to the *Standing timber volume in coniferous trees in Britain* and *NFI preliminary estimates of quantities of broadleaved species in British Woodlands with special focus on ash* reports for a description of the underlying methodologies and interpretation, also for the England and GB context.

**Table 1** Stocked area by principal species at 31 March 2011 (FC and PS)

Principal species	FC	Private sector		Total
	area (000 ha)	area (000 ha)	SE%	area (000 ha)
<b>Marches</b>				
<b>All conifers</b>	<b>4.7</b>	<b>10.6</b>	<b>11</b>	<b>15.3</b>
Sitka spruce	0.5	2.7	57	<b>3.2</b>
Scots pine	0.3	0.7	54	<b>1.0</b>
Corsican pine	0.2	0.6	62	<b>0.8</b>
Norway spruce	0.4	2.6	49	<b>3.0</b>
Larches	0.9	1.4	47	<b>2.3</b>
Douglas fir	2.0	1.2	44	<b>3.3</b>
Lodgepole pine	0.0	0.0	0	<b>0.0</b>
Other conifers	0.3	1.1	49	<b>1.5</b>
<b>All broadleaves</b>	<b>2.0</b>	<b>39.1</b>	<b>4</b>	<b>41.1</b>
Oak	0.7	9.9	17	<b>10.7</b>
Beech	0.4	3.5	45	<b>3.9</b>
Sycamore	0.0	1.5	45	<b>1.5</b>
Ash	0.2	8.0	19	<b>8.2</b>
Birch	0.2	1.8	38	<b>1.9</b>
Sweet chestnut	0.1	0.0	64	<b>0.1</b>
Hazel	0.0	7.2	26	<b>7.2</b>
Hawthorn	0.0	2.3	30	<b>2.3</b>
Alder	0.0	1.3	64	<b>1.4</b>
Willow	0.0	0.6	36	<b>0.6</b>
Other broadleaves	0.5	2.5	28	<b>3.0</b>
<b>All species</b>	<b>6.7</b>	<b>49.6</b>	<b>2</b>	<b>56.3</b>

**Table 2** Stocked area by age class at 31 March 2011 (FC and PS)

Age class (years)	FC	Private sector		Total
	area (000 ha)	area (000 ha)	SE%	area (000 ha)
<b>Conifers</b>				
0-10	0.3	0.0	0	<b>0.3</b>
11-20	0.7	2.8	15	<b>3.5</b>
21-40	1.4	1.3	55	<b>2.7</b>
41-60	2.0	5.1	29	<b>7.1</b>
61-80	0.2	1.5	46	<b>1.7</b>
81-100	0.0	0.0	0	<b>0.0</b>
100+	0.0	0.0	0	<b>0.0</b>
<b>Total</b>	<b>4.7</b>	<b>10.6</b>	<b>2</b>	<b>15.3</b>
<b>Broadleaves</b>				
0-10	0.2	0.0	81	<b>0.2</b>
11-20	0.3	6.5	31	<b>6.9</b>
21-40	0.4	6.0	29	<b>6.4</b>
41-60	0.6	9.9	29	<b>10.4</b>
61-80	0.2	6.5	30	<b>6.7</b>
81-100	0.2	6.3	34	<b>6.5</b>
100+	0.2	3.9	44	<b>4.1</b>
<b>Total</b>	<b>2.0</b>	<b>39.1</b>	<b>4</b>	<b>41.1</b>
<b>All species</b>				
0-10	0.5	0.0	81	<b>0.5</b>
11-20	1.0	9.4	21	<b>10.4</b>
21-40	1.8	7.2	27	<b>9.0</b>
41-60	2.6	14.9	22	<b>17.5</b>
61-80	0.4	7.9	26	<b>8.3</b>
81-100	0.2	6.3	34	<b>6.5</b>
100+	0.2	3.9	44	<b>4.1</b>
<b>Total</b>	<b>6.7</b>	<b>49.6</b>	<b>2</b>	<b>56.3</b>

**Note:** For Tables 1-6 figures for FC are based on harvesting regimes derived from Forestry Commission felling and thinning plans as of 31 March 2011. The Private sector information for these tables is based on a regime that has no harvesting.

**Table 3** Stocked area by mean stand dbh class at 31 March 2011 (FC and PS)

Mean stand DBH (cm)	FC	Private sector		Total
	area (000 ha)	area (000 ha)	SE%	area (000 ha)
<b>Conifers</b>				
0-7	0.3	0.0	0	<b>0.3</b>
7-10	0.3	0.1	114	<b>0.4</b>
10-15	0.5	2.3	64	<b>2.8</b>
15-20	0.3	1.1	104	<b>1.4</b>
20-30	0.5	0.8	72	<b>1.4</b>
30-40	1.3	3.6	25	<b>4.9</b>
40-60	1.1	2.6	34	<b>3.7</b>
60-80	0.2	0.0	0	<b>0.2</b>
80+	0.1	0.2	123	<b>0.2</b>
<b>Total</b>	<b>4.7</b>	<b>10.6</b>	<b>2</b>	<b>15.3</b>
<b>Broadleaves</b>				
0-7	0.3	1.3	55	<b>1.6</b>
7-10	0.5	7.5	27	<b>8.0</b>
10-15	0.2	9.0	29	<b>9.2</b>
15-20	0.1	2.8	34	<b>2.9</b>
20-30	0.4	4.5	30	<b>4.9</b>
30-40	0.4	5.2	33	<b>5.6</b>
40-60	0.1	6.0	29	<b>6.1</b>
60-80	0.0	1.3	45	<b>1.4</b>
80+	0.0	1.4	70	<b>1.4</b>
<b>Total</b>	<b>2.0</b>	<b>39.1</b>	<b>4</b>	<b>41.1</b>
<b>All species</b>				
0-7	0.6	1.3	55	<b>2.0</b>
7-10	0.8	7.7	27	<b>8.5</b>
10-15	0.7	11.0	27	<b>11.7</b>
15-20	0.4	3.9	39	<b>4.3</b>
20-30	1.0	5.4	28	<b>6.4</b>
30-40	1.7	8.5	24	<b>10.2</b>
40-60	1.3	8.9	22	<b>10.1</b>
60-80	0.2	1.4	45	<b>1.6</b>
80+	0.1	1.6	63	<b>1.6</b>
<b>Total</b>	<b>6.7</b>	<b>49.6</b>	<b>2</b>	<b>56.3</b>

**Table 4** Standing volume by principal species at 31 March 2011 (FC and PS)

Principal species	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>Marches</b>				
<b>All conifers</b>	<b>1,188</b>	<b>4,393</b>	<b>17</b>	<b>5,580</b>
Sitka spruce	95	518	70	<b>613</b>
Scots pine	76	326	62	<b>401</b>
Corsican pine	55	312	59	<b>367</b>
Norway spruce	124	1,117	46	<b>1,240</b>
Larches	145	755	47	<b>900</b>
Douglas fir	549	680	52	<b>1,230</b>
Lodgepole pine	6	0	0	<b>6</b>
Other conifers	137	562	59	<b>699</b>
<b>All broadleaves</b>	<b>222</b>	<b>10,026</b>	<b>13</b>	<b>10,249</b>
Oak	89	5,784	25	<b>5,873</b>
Beech	57	1,368	51	<b>1,425</b>
Sycamore	3	324	47	<b>327</b>
Ash	17	1,798	16	<b>1,815</b>
Birch	12	106	33	<b>117</b>
Sweet chestnut	5	22	84	<b>27</b>
Hazel	2	700	35	<b>702</b>
Hawthorn	0	181	34	<b>181</b>
Alder	1	371	60	<b>372</b>
Willow	0	177	38	<b>177</b>
Other broadleaves	36	251	40	<b>288</b>
<b>All species</b>	<b>1,410</b>	<b>14,131</b>	<b>11</b>	<b>15,541</b>

**Table 5** Standing volume by age class at 31 March 2011 (FC and PS)

Age class (years)	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>Conifers</b>				
0-10	1	0	0	<b>1</b>
11-20	45	257	3	<b>301</b>
21-40	337	485	80	<b>822</b>
41-60	706	2,753	32	<b>3,460</b>
61-80	85	897	47	<b>983</b>
81-100	13	0	0	<b>13</b>
100+	1	0	0	<b>1</b>
<b>Total</b>	<b>1,188</b>	<b>4,393</b>	<b>17</b>	<b>5,580</b>
<b>Broadleaves</b>				
0-10	0	0	0	<b>0</b>
11-20	4	188	26	<b>192</b>
21-40	28	574	34	<b>602</b>
41-60	90	1,715	36	<b>1,806</b>
61-80	34	1,719	25	<b>1,753</b>
81-100	33	2,902	34	<b>2,935</b>
100+	32	2,929	47	<b>2,961</b>
<b>Total</b>	<b>222</b>	<b>10,026</b>	<b>13</b>	<b>10,249</b>
<b>All species</b>				
0-10	1	0	0	<b>1</b>
11-20	49	445	11	<b>495</b>
21-40	365	1,002	47	<b>1,367</b>
41-60	797	4,391	26	<b>5,188</b>
61-80	120	2,461	23	<b>2,581</b>
81-100	46	2,903	34	<b>2,948</b>
100+	32	2,929	47	<b>2,961</b>
<b>Total</b>	<b>1,410</b>	<b>14,131</b>	<b>11</b>	<b>15,541</b>



**Table 6** Standing volume by mean stand dbh class at 31 March 2011 (FC and PS)

Mean stand DBH (cm)	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>Conifers</b>				
0-7	12	0	0	<b>12</b>
7-10	8	6	108	<b>13</b>
10-15	60	199	62	<b>259</b>
15-20	70	227	86	<b>297</b>
20-30	125	439	84	<b>564</b>
30-40	385	1,775	27	<b>2,160</b>
40-60	406	1,639	38	<b>2,044</b>
60-80	92	0	0	<b>92</b>
80+	32	108	123	<b>140</b>
<b>Total</b>	<b>1,188</b>	<b>4,393</b>	<b>17</b>	<b>5,580</b>
<b>Broadleaves</b>				
0-7	2	23	55	<b>25</b>
7-10	16	211	30	<b>227</b>
10-15	23	995	32	<b>1,018</b>
15-20	20	176	32	<b>196</b>
20-30	66	929	27	<b>995</b>
30-40	62	2,074	33	<b>2,136</b>
40-60	27	3,040	26	<b>3,066</b>
60-80	6	837	49	<b>843</b>
80+	1	1,742	72	<b>1,743</b>
<b>Total</b>	<b>222</b>	<b>10,026</b>	<b>13</b>	<b>10,249</b>
<b>All species</b>				
0-7	14	23	55	<b>37</b>
7-10	23	220	30	<b>244</b>
10-15	83	1,102	29	<b>1,185</b>
15-20	90	394	61	<b>483</b>
20-30	191	1,349	36	<b>1,540</b>
30-40	447	3,484	23	<b>3,930</b>
40-60	432	4,852	22	<b>5,284</b>
60-80	98	843	49	<b>941</b>
80+	33	1,864	68	<b>1,897</b>
<b>Total</b>	<b>1,410</b>	<b>14,131</b>	<b>11</b>	<b>15,541</b>

Standing volume and stocked area of Scots pine, Corsican pine and lodgepole pine may be susceptible to Dothistroma needle blight. Standing volume and stocked area of larches may be susceptible to Phytophthora. Please refer to the *Interpreting NFI timber volume forecasts* report for a full discussion of how Dothistroma needle blight and Phytophthora may influence the scheduling of production within the UK.

## 25-year forecast of standing volume

Refer to the *25-year forecast of softwood timber availability* report for a description of the underlying methodology and interpretation, also for the England and GB context.

The following volumes and areas have not been included in the main forecast results. See *25-year forecast of softwood timber availability* statistical report.

**Note:** The PS forecast assumes management according to a scenario based on felling at age of maximum mean annual increment with moderate wind risk measures. This approach has been used for Tables 7-11.

The application of this management scenario to broadleaves may be inappropriate and the implications have yet to be fully investigated. It is likely that the actual development of the BL standing volume, net increment and production over the next 25 years will form a different trajectory dependant on actual future harvesting. It is planned that future reports will include different scenarios (management assumptions) for evaluation purposes.

**Table 7** Overdue volumes and areas for the FC and the Private sector

Principal species	FC	Private sector		FC	Private sector	
	volume			area		
	000 m <sup>3</sup> obs		SE %	000 ha		SE %
<b>Marches</b>						
<b>All conifers</b>	<b>45</b>	<b>1,507</b>	<b>32</b>	<b>0.2</b>	<b>2.3</b>	<b>33</b>
Sitka spruce	1	16	125	0.0	0.0	125
Scots pine	5	0	0	0.0	0.0	0
Corsican pine	3	300	62	0.0	0.5	69
Norway spruce	3	0	0	0.0	0.0	0
Larches	16	760	48	0.1	1.3	51
Douglas fir	12	373	82	0.0	0.4	79
Lodgepole pine	1	0	0	0.0	0.0	0
Other conifers	4	0	0	0.0	0.0	0
<b>All broadleaves</b>	<b>67</b>	<b>6,814</b>	<b>21</b>	<b>0.3</b>	<b>15.2</b>	<b>16</b>
Oak	41	4,788	31	0.2	5.1	24
Beech	18	740	83	0.1	1.2	83
Sycamore	0	194	48	0.0	0.2	48
Ash	3	1,457	19	0.0	3.4	22
Birch	2	87	40	0.0	0.5	53
Sweet chestnut	1	22	86	0.0	0.0	86
Hazel	0	202	42	0.0	3.4	37
Hawthorn	0	0	0	0.0	0.0	0
Alder	0	347	64	0.0	1.2	72
Willow	0	48	76	0.0	0.1	76
Other broadleaves	3	25	84	0.0	0.2	84
<b>All species</b>	<b>112</b>	<b>8,192</b>	<b>19</b>	<b>0.5</b>	<b>17.5</b>	<b>15</b>

**Table 8** 25 year forecast of average annual standing volume by species type and period

Age class (years)	FC	Private sector		Total
	(000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	(000 m <sup>3</sup> obs)
<b>Conifers</b>				
2012-2016	1,097	2,684	25	<b>3,781</b>
2017-2021	1,208	2,901	24	<b>4,108</b>
2022-2026	1,218	2,456	23	<b>3,674</b>
2027-2031	1,196	2,722	23	<b>3,919</b>
2032-2036	1,172	2,308	21	<b>3,480</b>
<b>Broadleaves</b>				
2012-2016	210	3,050	21	<b>3,260</b>
2017-2021	235	2,933	22	<b>3,168</b>
2022-2026	219	3,034	23	<b>3,254</b>
2027-2031	221	2,779	25	<b>3,001</b>
2032-2036	227	3,232	23	<b>3,459</b>
<b>All species</b>				
2012-2016	1,307	5,518	17	<b>6,825</b>
2017-2021	1,443	5,625	17	<b>7,068</b>
2022-2026	1,437	5,177	17	<b>6,614</b>
2027-2031	1,418	5,212	17	<b>6,629</b>
2032-2036	1,399	5,480	16	<b>6,879</b>

**Table 9** 25-year forecast of average annual net increment by species type and period

Forecast period	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>Conifers</b>				
2012-16	61	153	17	<b>214</b>
2017-21	66	157	15	<b>223</b>
2022-26	61	146	13	<b>207</b>
2027-31	56	147	12	<b>202</b>
2032-36	55	149	11	<b>204</b>
<b>Broadleaves</b>				
2012-16	9	159	18	<b>167</b>
2017-21	9	152	19	<b>161</b>
2022-26	9	170	15	<b>179</b>
2027-31	9	187	12	<b>196</b>
2032-36	9	215	9	<b>224</b>
<b>All species</b>				
2012-16	70	309	12	<b>379</b>
2017-21	76	305	12	<b>381</b>
2022-26	70	310	10	<b>379</b>
2027-31	64	327	9	<b>391</b>
2032-36	63	365	7	<b>428</b>

**Table 10** Forecast of standing volume by age class for snapshot years

Conifers	FC		Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)	
<b>2012</b>					
0-20 years	41	315	5	<b>357</b>	
21-40 years	292	448	78	<b>740</b>	
41-60 years	661	1,866	38	<b>2,528</b>	
61-80 years	149	64	81	<b>212</b>	
81-100 years	40	0	0	<b>40</b>	
100+ years	27	0	0	<b>27</b>	
<b>Total</b>	<b>1,014</b>	<b>2,694</b>	<b>26</b>	<b>3,707</b>	
<b>2017</b>					
0-20 years	32	0	0	<b>32</b>	
21-40 years	313	627	21	<b>940</b>	
41-60 years	553	1,675	41	<b>2,228</b>	
61-80 years	248	567	70	<b>814</b>	
81-100 years	18	0	0	<b>18</b>	
100+ years	0	0	0	<b>0</b>	
<b>Total</b>	<b>1,163</b>	<b>2,869</b>	<b>24</b>	<b>4,032</b>	
<b>2022</b>					
0-20 years	21	24	63	<b>44</b>	
21-40 years	249	940	29	<b>1,189</b>	
41-60 years	569	765	44	<b>1,334</b>	
61-80 years	360	652	58	<b>1,012</b>	
81-100 years	17	0	0	<b>17</b>	
100+ years	1	0	0	<b>1</b>	
<b>Total</b>	<b>1,217</b>	<b>2,381</b>	<b>21</b>	<b>3,598</b>	
<b>2027</b>					
0-20 years	30	126	43	<b>155</b>	
21-40 years	191	1,291	32	<b>1,482</b>	
41-60 years	535	744	44	<b>1,279</b>	
61-80 years	418	469	56	<b>887</b>	
81-100 years	16	0	0	<b>16</b>	
100+ years	4	0	0	<b>4</b>	
<b>Total</b>	<b>1,195</b>	<b>2,630</b>	<b>21</b>	<b>3,824</b>	
<b>2032</b>					
0-20 years	37	261	34	<b>298</b>	
21-40 years	182	1,576	35	<b>1,758</b>	
41-60 years	485	275	90	<b>759</b>	
61-80 years	440	892	41	<b>1,332</b>	
81-100 years	25	0	0	<b>25</b>	
100+ years	6	0	0	<b>6</b>	
<b>Total</b>	<b>1,174</b>	<b>3,004</b>	<b>22</b>	<b>4,178</b>	

Broadleaves	FC		Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)	
<b>2012</b>					
0-20 years	4	194	30	<b>198</b>	
21-40 years	27	602	33	<b>629</b>	
41-60 years	62	1,458	43	<b>1,520</b>	
61-80 years	47	854	47	<b>900</b>	
81-100 years	29	67	74	<b>96</b>	
100+ years	27	0	0	<b>27</b>	
<b>Total</b>	<b>197</b>	<b>3,174</b>	<b>22</b>	<b>3,371</b>	
<b>2017</b>					
0-20 years	2	83	45	<b>86</b>	
21-40 years	37	663	24	<b>700</b>	
41-60 years	44	1,400	47	<b>1,444</b>	
61-80 years	68	981	32	<b>1,049</b>	
81-100 years	43	0	0	<b>43</b>	
100+ years	31	0	0	<b>31</b>	
<b>Total</b>	<b>226</b>	<b>3,127</b>	<b>22</b>	<b>3,354</b>	
<b>2022</b>					
0-20 years	2	10	31	<b>12</b>	
21-40 years	40	744	27	<b>784</b>	
41-60 years	36	1,203	56	<b>1,239</b>	
61-80 years	72	576	43	<b>648</b>	
81-100 years	43	484	52	<b>528</b>	
100+ years	33	0	0	<b>33</b>	
<b>Total</b>	<b>226</b>	<b>3,017</b>	<b>23</b>	<b>3,243</b>	
<b>2027</b>					
0-20 years	4	226	20	<b>230</b>	
21-40 years	38	827	26	<b>866</b>	
41-60 years	41	1,298	55	<b>1,339</b>	
61-80 years	48	109	61	<b>157</b>	
81-100 years	45	171	57	<b>215</b>	
100+ years	40	0	0	<b>40</b>	
<b>Total</b>	<b>217</b>	<b>2,630</b>	<b>27</b>	<b>2,847</b>	
<b>2032</b>					
0-20 years	1	565	16	<b>567</b>	
21-40 years	43	714	37	<b>757</b>	
41-60 years	51	497	35	<b>548</b>	
61-80 years	31	1,099	69	<b>1,130</b>	
81-100 years	35	133	71	<b>167</b>	
100+ years	59	0	0	<b>59</b>	
<b>Total</b>	<b>220</b>	<b>3,009</b>	<b>25</b>	<b>3,228</b>	

**Table 10 (cont'd)** Forecast of standing volume by age class for snapshot years

All species	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>2012</b>				
0-20 years	41	511	11	<b>552</b>
21-40 years	292	986	43	<b>1,278</b>
41-60 years	661	3,162	32	<b>3,823</b>
61-80 years	149	929	44	<b>1,077</b>
81-100 years	40	67	74	<b>107</b>
100+ years	27	0	0	<b>27</b>
<b>Total</b>	<b>1,211</b>	<b>5,654</b>	<b>17</b>	<b>6,865</b>
<b>2017</b>				
0-20 years	34	83	45	<b>118</b>
21-40 years	350	1,264	15	<b>1,614</b>
41-60 years	597	2,768	36	<b>3,365</b>
61-80 years	316	1,632	33	<b>1,948</b>
81-100 years	61	0	0	<b>61</b>
100+ years	32	0	0	<b>32</b>
<b>Total</b>	<b>1,390</b>	<b>5,747</b>	<b>17</b>	<b>7,137</b>
<b>2022</b>				
0-20 years	23	36	48	<b>59</b>
21-40 years	289	1,684	18	<b>1,973</b>
41-60 years	605	1,557	46	<b>2,162</b>
61-80 years	432	1,322	38	<b>1,754</b>
81-100 years	61	490	52	<b>550</b>
100+ years	34	0	0	<b>34</b>
<b>Total</b>	<b>1,443</b>	<b>5,088</b>	<b>17</b>	<b>6,531</b>
<b>2027</b>				
0-20 years	34	358	21	<b>392</b>
21-40 years	230	2,124	21	<b>2,354</b>
41-60 years	576	1,694	45	<b>2,270</b>
61-80 years	466	545	54	<b>1,011</b>
81-100 years	61	175	57	<b>236</b>
100+ years	44	0	0	<b>44</b>
<b>Total</b>	<b>1,411</b>	<b>4,897</b>	<b>18</b>	<b>6,308</b>
<b>2032</b>				
0-20 years	38	831	16	<b>869</b>
21-40 years	225	2,295	25	<b>2,519</b>
41-60 years	536	765	43	<b>1,301</b>
61-80 years	471	1,698	48	<b>2,169</b>
81-100 years	59	137	71	<b>197</b>
100+ years	65	0	0	<b>65</b>
<b>Total</b>	<b>1,394</b>	<b>5,726</b>	<b>17</b>	<b>7,120</b>

**Table 11** Forecast of standing volume by mean stand dbh class

Conifers	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>2012</b>				
0-7 cm	0	0	0	<b>0</b>
7-10 cm	8	1	81	<b>8</b>
10-15 cm	38	263	58	<b>301</b>
15-20 cm	70	133	104	<b>203</b>
20-30 cm	83	463	75	<b>546</b>
30-40 cm	322	825	38	<b>1,147</b>
40-60 cm	380	1,009	54	<b>1,389</b>
60-80 cm	81	0	0	<b>81</b>
80+ cm	32	0	0	<b>32</b>
<b>Total</b>	<b>1,014</b>	<b>2,694</b>	<b>26</b>	<b>3,707</b>
<b>2017</b>				
0-7 cm	0	0	0	<b>0</b>
7-10 cm	4	0	0	<b>4</b>
10-15 cm	57	26	61	<b>83</b>
15-20 cm	68	509	62	<b>576</b>
20-30 cm	116	574	74	<b>690</b>
30-40 cm	230	587	47	<b>818</b>
40-60 cm	526	1,152	52	<b>1,678</b>
60-80 cm	116	22	123	<b>137</b>
80+ cm	46	0	0	<b>46</b>
<b>Total</b>	<b>1,163</b>	<b>2,869</b>	<b>24</b>	<b>4,032</b>
<b>2022</b>				
0-7 cm	0	0	122	<b>0</b>
7-10 cm	5	23	64	<b>28</b>
10-15 cm	51	11	110	<b>63</b>
15-20 cm	90	806	63	<b>896</b>
20-30 cm	150	204	99	<b>354</b>
30-40 cm	152	406	71	<b>558</b>
40-60 cm	518	930	44	<b>1,448</b>
60-80 cm	207	0	0	<b>207</b>
80+ cm	44	0	0	<b>44</b>
<b>Total</b>	<b>1,217</b>	<b>2,381</b>	<b>21</b>	<b>3,598</b>
<b>2027</b>				
0-7 cm	0	0	0	<b>0</b>
7-10 cm	9	29	51	<b>37</b>
10-15 cm	39	97	56	<b>137</b>
15-20 cm	122	1,105	65	<b>1,227</b>
20-30 cm	147	259	87	<b>406</b>
30-40 cm	122	115	56	<b>237</b>
40-60 cm	404	927	50	<b>1,331</b>
60-80 cm	317	97	123	<b>414</b>
80+ cm	35	0	0	<b>35</b>
<b>Total</b>	<b>1,195</b>	<b>2,630</b>	<b>21</b>	<b>3,824</b>
<b>2032</b>				
0-7 cm	0	0	0	<b>0</b>
7-10 cm	15	26	59	<b>41</b>
10-15 cm	45	158	41	<b>203</b>
15-20 cm	130	93	73	<b>224</b>
20-30 cm	158	1,422	64	<b>1,580</b>
30-40 cm	139	200	123	<b>339</b>
40-60 cm	308	769	46	<b>1,076</b>
60-80 cm	313	336	113	<b>649</b>
80+ cm	67	0	0	<b>67</b>
<b>Total</b>	<b>1,174</b>	<b>3,004</b>	<b>22</b>	<b>4,178</b>

Broadleaves	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>2012</b>				
0-7 cm	2	44	44	<b>46</b>
7-10 cm	14	135	39	<b>149</b>
10-15 cm	25	679	43	<b>704</b>
15-20 cm	17	175	40	<b>192</b>
20-30 cm	56	507	39	<b>563</b>
30-40 cm	56	1,181	48	<b>1,237</b>
40-60 cm	20	359	64	<b>379</b>
60-80 cm	6	95	102	<b>101</b>
80+ cm	1	0	0	<b>1</b>
<b>Total</b>	<b>197</b>	<b>3,174</b>	<b>22</b>	<b>3,371</b>
<b>2017</b>				
0-7 cm	1	13	64	<b>14</b>
7-10 cm	15	144	48	<b>160</b>
10-15 cm	36	741	40	<b>777</b>
15-20 cm	23	262	47	<b>284</b>
20-30 cm	49	131	48	<b>180</b>
30-40 cm	68	1,332	46	<b>1,401</b>
40-60 cm	27	402	60	<b>430</b>
60-80 cm	6	79	129	<b>85</b>
80+ cm	1	23	86	<b>24</b>
<b>Total</b>	<b>226</b>	<b>3,127</b>	<b>22</b>	<b>3,354</b>
<b>2022</b>				
0-7 cm	1	2	48	<b>3</b>
7-10 cm	15	93	52	<b>107</b>
10-15 cm	55	293	39	<b>348</b>
15-20 cm	24	473	35	<b>497</b>
20-30 cm	36	191	42	<b>226</b>
30-40 cm	51	1,254	54	<b>1,306</b>
40-60 cm	37	606	50	<b>643</b>
60-80 cm	6	83	129	<b>88</b>
80+ cm	1	24	86	<b>25</b>
<b>Total</b>	<b>226</b>	<b>3,017</b>	<b>23</b>	<b>3,243</b>
<b>2027</b>				
0-7 cm	3	14	60	<b>17</b>
7-10 cm	10	203	21	<b>213</b>
10-15 cm	50	158	41	<b>208</b>
15-20 cm	28	427	32	<b>455</b>
20-30 cm	34	545	39	<b>579</b>
30-40 cm	42	145	69	<b>186</b>
40-60 cm	45	1,021	61	<b>1,066</b>
60-80 cm	4	91	96	<b>95</b>
80+ cm	1	26	86	<b>27</b>
<b>Total</b>	<b>217</b>	<b>2,630</b>	<b>27</b>	<b>2,847</b>
<b>2032</b>				
0-7 cm	3	60	58	<b>62</b>
7-10 cm	13	386	23	<b>400</b>
10-15 cm	53	190	40	<b>243</b>
15-20 cm	36	180	35	<b>216</b>
20-30 cm	31	888	28	<b>919</b>
30-40 cm	35	224	50	<b>259</b>
40-60 cm	44	947	71	<b>990</b>
60-80 cm	4	108	84	<b>112</b>
80+ cm	1	27	86	<b>28</b>
<b>Total</b>	<b>220</b>	<b>3,009</b>	<b>25</b>	<b>3,228</b>

**Table 11 (cont'd)** Forecast of standing volume by mean stand dbh class

All species	FC	Private sector		Total
	volume (000 m <sup>3</sup> obs)	volume (000 m <sup>3</sup> obs)	SE%	volume (000 m <sup>3</sup> obs)
<b>2012</b>				
0-7 cm	2	44	44	<b>44</b>
7-10 cm	22	137	38	<b>159</b>
10-15 cm	64	856	37	<b>920</b>
15-20 cm	87	278	57	<b>364</b>
20-30 cm	139	950	48	<b>1,089</b>
30-40 cm	378	1,786	36	<b>2,163</b>
40-60 cm	400	1,505	44	<b>1,905</b>
60-80 cm	87	99	102	<b>186</b>
80+ cm	33	0	0	<b>33</b>
<b>Total</b>	<b>1,211</b>	<b>5,654</b>	<b>17</b>	<b>6,865</b>
<b>2017</b>				
0-7 cm	1	13	64	<b>14</b>
7-10 cm	19	145	48	<b>164</b>
10-15 cm	93	761	40	<b>854</b>
15-20 cm	91	666	48	<b>757</b>
20-30 cm	165	765	65	<b>930</b>
30-40 cm	299	1,641	40	<b>1,939</b>
40-60 cm	554	1,625	44	<b>2,179</b>
60-80 cm	121	108	101	<b>229</b>
80+ cm	48	23	86	<b>70</b>
<b>Total</b>	<b>1,390</b>	<b>5,747</b>	<b>17</b>	<b>7,137</b>
<b>2022</b>				
0-7 cm	1	2	48	<b>3</b>
7-10 cm	20	119	43	<b>139</b>
10-15 cm	107	295	44	<b>402</b>
15-20 cm	114	1,252	43	<b>1,366</b>
20-30 cm	186	423	67	<b>608</b>
30-40 cm	203	1,572	47	<b>1,776</b>
40-60 cm	555	1,314	38	<b>1,869</b>
60-80 cm	212	87	127	<b>299</b>
80+ cm	45	24	86	<b>70</b>
<b>Total</b>	<b>1,443</b>	<b>5,088</b>	<b>17</b>	<b>6,531</b>
<b>2027</b>				
0-7 cm	3	14	60	<b>17</b>
7-10 cm	18	233	20	<b>251</b>
10-15 cm	89	247	35	<b>337</b>
15-20 cm	150	1,539	45	<b>1,689</b>
20-30 cm	181	808	45	<b>988</b>
30-40 cm	164	169	62	<b>333</b>
40-60 cm	450	1,658	46	<b>2,107</b>
60-80 cm	321	204	79	<b>524</b>
80+ cm	36	26	86	<b>62</b>
<b>Total</b>	<b>1,411</b>	<b>4,897</b>	<b>18</b>	<b>6,308</b>
<b>2032</b>				
0-7 cm	3	60	58	<b>62</b>
7-10 cm	28	413	22	<b>441</b>
10-15 cm	99	350	30	<b>449</b>
15-20 cm	166	282	35	<b>448</b>
20-30 cm	189	2,283	39	<b>2,472</b>
30-40 cm	174	427	78	<b>602</b>
40-60 cm	351	1,421	52	<b>1,772</b>
60-80 cm	316	464	85	<b>780</b>
80+ cm	68	27	86	<b>95</b>
<b>Total</b>	<b>1,394</b>	<b>5,726</b>	<b>17</b>	<b>7,120</b>



## Supporting reports and papers

The principal themes reported on for the coniferous woodlands forecasts are:

GB 2011 standing coniferous timber volume  
UK 25-year forecast of softwood availability  
GB 25-year forecast of coniferous standing volume and increment

Each theme has a series of associated reports, papers and data, tailored for different audiences and uses. All the documents and data can be found on the NFI website [www.forestry.gov.uk/inventory](http://www.forestry.gov.uk/inventory).

## Glossary

A glossary of terms is presented in the full suite of forecast reports which can be found at [www.forestry.gov.uk/forecast](http://www.forestry.gov.uk/forecast).

## Official Statistics

This is an Official Statistics publication. More information about Official Statistics and the UK Statistics Authority is available at [www.statisticsauthority.gov.uk](http://www.statisticsauthority.gov.uk)

National Forest Inventory Statistician: Alan Brewer