

## Protected and Natura 2000 forest areas (hectares)

Type	Protection	Total	Other subcompartments	Forest subcompartments total	Natural forest	Close-to-nature forest	Semi-natural forest	Non-natural forest	Plantation-like stand	Plantation
Protected	Protected	385 085	25 133	359 952	186	128 394	159 485	22 435	40 886	8 566
	Strictly protected	74 722	6 135	68 587	270	23 090	33 798	4 332	6 277	821
	<b>Total</b>	<b>459 807</b>	<b>31 268</b>	<b>428 539</b>	<b>455</b>	<b>151 485</b>	<b>193 283</b>	<b>26 767</b>	<b>47 163</b>	<b>9 386</b>
Natura 2000	Not protected	416 878	31 607	385 272	-	114 569	165 139	24 194	67 448	13 921
	Protected	343 909	22 033	321 877	185	119 890	145 155	19 220	29 500	7 927
	Strictly protected	72 258	5 966	66 292	269	22 383	33 019	4 188	5 618	816
	<b>Total</b>	<b>833 046</b>	<b>59 606</b>	<b>773 441</b>	<b>454</b>	<b>256 842</b>	<b>343 313</b>	<b>47 601</b>	<b>102 566</b>	<b>22 664</b>

## Naturalness categories of forest subcompartments (hectares)

## Silvicultural systems by ownership categories (hectares)

Silvicultural system	State-owned	Community-owned	Mixed ownership	Private	Total
Rotation	913 160	17 434	808 195	33 511	<b>1 772 300</b>
Selection	29 729	13	3 811	357	<b>33 911</b>
Non-productive	86 957	1 195	4 413	599	<b>93 165</b>
Transition	44 807	373	16 059	322	<b>61 561</b>
<b>Total</b>	<b>1 074 654</b>	<b>19 015</b>	<b>832 478</b>	<b>34 789</b>	<b>1 960 936</b>

## Obstructive species

Species	Area (ha)	Species area proportion (%)*	Proportion of forest subcompartments where the species occurs (%)**
Green ash	6 755	0,36	5
Common hackberry	5 614	0,30	6
Boxelder maple	4 851	0,26	5
Black cherry	2 376	0,13	4
Tree of heaven	2 231	0,12	7
Russian olive	1 383	0,07	2
<b>Total</b>	<b>23 210</b>	<b>1,24</b>	<b>21</b>

\* Relative to total area covered by forest tree stands.

\*\* Relative to total area of forest subcompartments. The summing row shows the area ratio of those forest subcompartments in which at least one of the species occurs.

## Area covered by tree species

Species	Area (ha)
Oaks	614 822
<i>Pedunculata oak</i>	180 909
<i>Sessile oak</i>	174 692
<i>Turkey oak</i>	219 795
<i>Pubescent oak and oak of Virgil</i>	18 655
<i>Red oak</i>	20 465
<i>Other oaks</i>	307
Beech	114 010
Hornbeam	99 012
Black locust	462 504
Maples	32 922
<i>Sycamore maple</i>	5 886
<i>Norway maple</i>	2 745
<i>Field and Tatarian maples</i>	18 961
<i>Non-native maples</i>	5 330
Ashes	63 372
<i>Common and Hungarian ashes</i>	39 172
<i>Manna ash</i>	17 445
<i>Green ash</i>	6 755
Other hard broadleaved	32 459
<i>Native elms</i>	3 756
<i>Native wild fruit trees</i>	3 112
<i>Non-native other hard broadleaved</i>	25 591
Native poplars	100 973
Native willows	15 225
Alders	47 025
Limes	24 240
Hybrid poplars and hybrid willows	98 338
Other soft broadleaved	6 915
<i>Birches</i>	4 546
<i>Non-native other soft broadleaved</i>	2 369
Conifers	170 241
<i>Scots pine</i>	101 108
<i>Black pine</i>	55 813
<i>Other conifers</i>	13 320
<b>Total</b>	<b>1 882 059</b>

## Net felling volume (sample-based data, net m³)

Wood product	Noble oak	Turkey oak	Beech	Hornbeam	Black locust	Other hard broadleaved	Hybrid poplar	Native poplar	Willow	Other soft broadleaved	Conifer	Total
Veneer logs	2 158	10	9 903	-	43	91	168 893	38	-	-	93	<b>181 229</b>
Sawlogs	148 987	8 182	101 105	1 458	77 259	21 481	442 656	50 223	1 013	30 488	170 427	<b>1 053 279</b>
Other products for saw industry	33 802	471	7 589	68	99 487	7 042	149 506	22 860	114	20 622	63 575	<b>405 135</b>
Wood for mining purposes	-	-	-	-	1 048	-	-	-	-	-	-	<b>1 048</b>
Wood for paper	6 222	14 269	8 621	4 261	-	1 988	116 262	68 141	145	119	180 832	<b>400 860</b>
Pulpwood	12 734	11 186	51 811	11 352	11 592	9 787	245 073	48 821	14 887	24 183	361 682	<b>803 109</b>
Other industrial roundwood	4 268	-	1 275	3	78 632	3 442	19 580	1 940	-	2 530	22 072	<b>133 743</b>
Wood chips for industrial purposes	1 630	2 191	419	815	9 538	226	8 045	46	-	4 286	8 985	<b>36 181</b>
<b>Industrial total</b>	<b>209 801</b>	<b>36 308</b>	<b>180 722</b>	<b>17 957</b>	<b>277 597</b>	<b>44 059</b>	<b>1 150 015</b>	<b>192 070</b>	<b>16 160</b>	<b>82 228</b>	<b>807 666</b>	<b>3 014 584</b>
Wood chips for energy purposes	31 060	23 299	11 343	11 516	59 107	40 307	21 951	3 494	162	20 171	41 341	<b>263 752</b>
Thick firewood	471 376	481 589	287 320	132 240	625 412	221 020	39 586	21 083	1 606	95 509	97 349	<b>2 474 087</b>
Fine firewood	38 229	36 244	18 932	13 324	108 402	25 395	11 900	18 352	925	13 442	32 557	<b>317 704</b>
<b>Wood fuel total</b>	<b>540 665</b>	<b>541 132</b>	<b>317 595</b>	<b>157 080</b>	<b>792 921</b>	<b>286 723</b>	<b>73 436</b>	<b>42 929</b>	<b>2 694</b>	<b>129 122</b>	<b>171 247</b>	<b>3 055 544</b>
<b>Net volume above stump</b>	<b>750 466</b>	<b>577 440</b>	<b>498 318</b>	<b>175 037</b>	<b>1 070 518</b>	<b>330 781</b>	<b>1 223 452</b>	<b>234 999</b>	<b>18 853</b>	<b>211 350</b>	<b>978 914</b>	<b>6 070 127</b>
Stump	650	381	36	4	1 338	15	190	16	4	-	2 542	<b>5 176</b>

# SUMMARY STATISTICS OF THE HUNGARIAN FORESTS

# 2024



MINISTRY OF AGRICULTURE

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Photo: István Szondi

The published data are taken from the National Forestry Database and the National Statistical Data Collection Program. They do not include data on freely manageable forests (i.e., forests without forest management plans).



## Forest area by counties

County/Region	Total (ha)	OWNERSHIP						Forest ratio calculated from total forest area (%)	Forest ratio calculated from area of forest subcompartments (%)
		Forest subcompartments (ha)	Covered by trees (ha)	State (ha)	Community (ha)	Private (ha)	Mixed (ha)		
Budapest capital	5 550	5 137	5 098	4 037	1 008	409	96	9,8	10,6
Pest County	174 322	164 970	158 940	105 372	2 674	62 847	3 428	25,8	27,3
<b>Central Hungary</b>	<b>179 872</b>	<b>170 107</b>	<b>164 038</b>	<b>109 409</b>	<b>3 682</b>	<b>63 257</b>	<b>3 524</b>	<b>24,6</b>	<b>26,0</b>
Fejér County	59 088	53 016	51 588	44 530	1 186	12 706	665	12,2	13,6
Komárom-Esztergom County	65 732	61 786	60 001	53 060	931	10 814	927	27,3	29,0
Veszprém County	154 454	135 696	131 454	100 536	752	51 143	2 024	30,4	34,6
<b>Central Transdanubia</b>	<b>279 274</b>	<b>250 498</b>	<b>243 044</b>	<b>198 126</b>	<b>2 868</b>	<b>74 663</b>	<b>3 616</b>	<b>22,6</b>	<b>25,2</b>
Győr-Moson-Sopron County	87 289	80 062	78 505	62 063	606	24 416	203	19,0	20,7
Vas County	98 813	94 284	91 767	51 669	350	46 557	237	28,3	29,6
Zala County	126 147	119 756	114 667	66 630	753	51 003	7 762	31,7	33,3
<b>Western Transdanubia</b>	<b>312 249</b>	<b>294 102</b>	<b>284 939</b>	<b>180 362</b>	<b>1 709</b>	<b>121 977</b>	<b>8 202</b>	<b>26,0</b>	<b>27,6</b>
Baranya County	118 548	113 280	109 242	64 320	1 598	50 217	2 413	25,6	26,8
Somogy County	194 102	182 333	176 384	110 517	597	77 443	5 545	30,1	32,0
Tolna County	70 571	65 920	63 739	41 824	355	27 861	531	17,8	19,1
<b>Southern Transdanubia</b>	<b>383 222</b>	<b>361 533</b>	<b>349 365</b>	<b>216 661</b>	<b>2 550</b>	<b>155 521</b>	<b>8 490</b>	<b>25,5</b>	<b>27,0</b>
Borsod-Abaúj-Zemplén County	222 445	215 018	208 200	131 424	2 320	87 325	1 376	29,7	30,7
Heves County	92 373	89 412	85 368	55 080	388	36 552	352	24,6	25,4
Nógrád County	103 915	100 693	96 595	57 698	700	45 166	352	39,6	40,8
<b>Northern Hungary</b>	<b>418 733</b>	<b>405 123</b>	<b>390 163</b>	<b>244 203</b>	<b>3 409</b>	<b>169 042</b>	<b>2 080</b>	<b>30,2</b>	<b>31,2</b>
Hajdú-Bihar County	74 924	71 791	68 267	33 472	456	39 963	1 032	11,6	12,1
Jász-Nagykun-Szolnok County	35 628	33 382	31 043	16 698	960	17 352	618	6,0	6,4
Szabolcs-Szatmár-Bereg County	135 594	132 076	123 450	35 046	1 667	96 901	1 980	22,3	22,9
<b>Northern Great Plain</b>	<b>246 147</b>	<b>237 249</b>	<b>222 759</b>	<b>85 217</b>	<b>3 083</b>	<b>154 216</b>	<b>3 631</b>	<b>13,4</b>	<b>13,9</b>
Bács-Kiskun County	186 833	176 937	166 306	88 515	1 334	90 945	6 039	21,0	22,1
Békés County	28 219	26 321	24 460	17 543	964	8 820	893	4,7	5,0
Csongrád-Csanád County	40 991	39 066	36 986	19 564	606	20 680	141	9,2	9,6
<b>Southern Great Plain</b>	<b>256 044</b>	<b>242 324</b>	<b>227 752</b>	<b>125 622</b>	<b>2 904</b>	<b>120 445</b>	<b>7 073</b>	<b>13,2</b>	<b>14,0</b>
<b>Total</b>	<b>2 075 540</b>	<b>1 960 936</b>	<b>1 882 059</b>	<b>1 159 599</b>	<b>20 205</b>	<b>859 121</b>	<b>36 615</b>	<b>21,1</b>	<b>22,3</b>

Due to rounding, the sums of some values may differ from the totals shown in the summing row or column.

## Successfully started and finished regenerations by tree stand types (hectares)

Stand type	SUCCESSFULLY STARTED				
	Seed	Sprout	Total natural	Artificial	Total
Beech	1 038	-	1 038	55	1 093
Hornbeam-oak	598	-	598	373	971
Noble oak	279	-	279	764	1 044
Turkey oak	953	-	953	322	1 275
Pubescent oak	0	-	0	-	0
Black locust	-	8 308	8 308	1 477	9 785
Other native hard broadleaved	169	9	178	197	375
Non-native hard broadleaved	72	8	80	179	259
Hybrid poplar and hybrid willow	-	191	191	2 184	2 375
Native poplar	5	931	937	1 193	2 129
Water-tolerant other soft broadleaved	10	97	107	164	271
Other native soft broadleaved	15	-	15	32	48
Scots pine	30	-	30	106	135
Black pine	-	-	-	453	453
Other conifer	2	-	2	-	2
<b>Total</b>	<b>3 170</b>	<b>9 544</b>	<b>12 715</b>	<b>7 499</b>	<b>20 214</b>

Stand type	SUCCESSFULLY FINISHED				
	Seed	Sprout	Total natural	Artificial	Total
Beech	1 168	-	1 168	60	1 228
Hornbeam-oak	561	-	561	904	1 465
Noble oak	298	-	298	1 296	1 594
Turkey oak	947	-	947	585	1 532
Pubescent oak	-	-	-	12	12
Black locust	1	8 007	8 008	1 621	9 629
Other native hard broadleaved	172	2	175	219	393
Non-native hard broadleaved	20	2	22	119	141
Hybrid poplar and hybrid willow	-	16	16	1 935	1 951
Native poplar	3	969	972	1 249	2 221
Water-tolerant other soft broadleaved	5	58	62	232	294
Other native soft broadleaved	20	-	20	20	41
Scots pine	58	-	58	146	205
Black pine	-	-	-	405	405
Other conifer	4	-	4	3	6
<b>Total</b>	<b>3 258</b>	<b>9 054</b>	<b>12 312</b>	<b>8 804</b>	<b>21 116</b>

The starting area is estimated from the area of the annual regeneration obligation in the case of shelterwood cutting and selective cutting.

## Area and growing stock by species groups

Species group	Area (ha)	Growing stock (m³)
Pedunculate oak	180 943	40 995 361
Sessile oak	174 692	49 100 052
Other noble oak	39 392	8 314 989
Turkey oak	219 795	53 302 193
Beech	114 010	42 688 624
Hornbeam	99 012	19 007 470
Black locust	462 504	58 366 515
Maple	32 922	6 116 624
Elm	5 542	993 698
Ash	63 372	14 389 878
Other hard broadleaved	26 917	5 463 547
Hybrid poplar	96 106	17 230 169
Native poplar	100 973	22 839 543
Willow	17 457	5 087 426
Alder	47 025	11 519 894
Lime	24 240	7 943 467
Other soft broadleaved	6 915	1 691 755
Scots pine	101 108	36 008 982
Black pine	55 819	12 326 630
Spruce	8 204	3 661 002
Larch	3 030	1 539 649
Other conifers	2 080	468 086
<b>Total</b>	<b>1 882 059</b>	<b>419 055 552</b>

## Primary and combined functions of forest subcomartments (hectares)

Function	Primary	Combined
<b>Economic, of which</b>	<b>1 152 308</b>	<b>1 275 552</b>
Wood production	1 120 186	1 248 556
Game farm	20 796	29 806
Other	11 326	12 859
<b>Protective, of which</b>	<b>789 169</b>	<b>993 603</b>
Soil protective	183 540	320 804
Protected forest	423 503	428 532
Natura 2000	86 409	771 933
Military	68 138	73 466
Shore or embankment protective	12 702	22 550
Other	14 878	24 104
<b>Public welfare</b>	<b>19 458</b>	<b>37 347</b>

## Successfully started and finished afforestations by tree stand types (hectares)

Stand type	Started	Finished
Beech	-	-
Hornbeam-oak	131	292
Noble oak	1 166	1 326
Turkey oak	413	29
Pubescent oak	-	-
Black locust	620	834
Other native hard broadleaved	57	18
Non-native hard broadleaved	279	6
Hybrid poplar and hybrid willow	119	101
Native poplar	456	473
Water-tolerant other soft broadleaved	4	4
Other native soft broadleaved	-	-
Scots pine	3	-
Black pine	3	-
Other conifer	-	-
<b>Total</b>	<b>3 251</b>	<b>3 083</b>

## Felling volume and annual increment by species groups (gross m³)

Species group	Felling volume	Annual increment
Noble oak	942 908	2 776 293
Turkey oak	674 363	1 156 722
Beech	591 846	874 113
Hornbeam	215 619	355 878
Black locust	1 154 335	3 201 192
Other hard broadleaved	335 196	1 016 057
Hybrid poplar	1 377 778	805 531
Native poplar	275 624	1 029 286
Willow	30 405	110 646
Other soft broadleaved	225 663	583 552
Conifer	1 122 795	1 088 445
<b>Total</b>	<b>6 946 532</b>	<b>12 997 715</b>

## Naturalness of forest subcompartments

Ownership	Naturalness category	Area (ha)
State	Natural forest	476
	Close-to-nature forest	319 335
	Semi-natural forest	414 844
	Non-natural forest	73 263
	Plantation-like stand	233 709
	Plantation	33 027
	<b>Total</b>	<b>1 074 654</b>
Community	Close-to-nature forest	1 613
	Semi-natural forest	5 527
	Non-natural forest	2 328
	Plantation-like stand	8 252
	Plantation	1 294
	<b>Total</b>	<b>19 015</b>
Private	Close-to-nature forest	97 381
	Semi-natural forest	203 564
	Non-natural forest	63 116
	Plantation-like stand	400 796
	Plantation	67 621
	<b>Total</b>	<b>832 478</b>
Mixed	Close-to-nature forest	5 407
	Semi-natural forest	10 397
	Non-natural forest	3 050
	Plantation-like stand	14 656
	Plantation	1 280
	<b>Total</b>	<b>34 789</b>
<b>Total</b>	<b>Total</b>	<b>1 960 936</b>