



MINISTRY OF AGRICULTURE
OF THE CZECH REPUBLIC

INFORMATION ON FORESTS AND FORESTRY IN THE CZECH REPUBLIC BY 2017



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I GENERAL MACROECONOMIC CONDITIONS IN THE CZECH REPUBLIC AND FORESTRY POSITION IN NATIONAL ECONOMY

Macroeconomic indicators of national economic development

Indicator	Unit	2016	2017
GDP in current prices	CZK billion	4 473.2	5 055.0
	year-on-year index	103.9	105.9
GDP in constant prices 2005 (adjusted for season variations)	year-on-year index	102.5	104.6
Relative GDP per capita ¹⁾	EU 28 = 100	88	
Average monthly earnings (nominal) ²⁾	CZK	27 575	29 504
	year-on-year index	103.7	107.0
Average inflation rate	%	0.7	2.5
Mean interest rates on bank credits ³⁾	%	2.58	2.58
Trade balance ⁴⁾	CZK billion	245.7	240.9
Current account of balance of payments	CZK billion	74.2	54.2
Balance of the state budget	CZK billion	61.8	-6.1
Consolidated gross debt in the sector of state institutions ⁵⁾	CZK billion	1 754.9	1 749.1
Deficit in the sector of state institutions ⁵⁾	% GDP	0.73	1.59
Debt in the sector of state institutions ⁵⁾	% GDP	36.77	34.60
Unemployment rate (mean) ⁶⁾	%	4.0	2.9
Parity (mean) – CZK/€	CZK	27.033	26.330
Parity (mean) – CZK/\$	CZK	24.432	23.382

Notes:

¹⁾ Purchasing power parity, data for 2017 were not published.

²⁾ Average monthly gross nominal earnings on a full-time equivalent number of employees in the national economy.

³⁾ Interest rates on CZK-denominated loans – situations of trades, 12-month average.

⁴⁾ Figure I. Aa – Goods in the balance sheet of ČNB after introducing guidelines BPM6 in 2014.

⁵⁾ Balance in the sector of state institutions (ESA 2010).

⁶⁾ Share of unemployed persons in total labour force by Eurostat and ILO.

Source: Czech Statistical Office, ČNB, Eurostat

Share of agriculture¹⁾, forestry²⁾, fishery³⁾, food industry⁴⁾, wood-processing industry⁵⁾, paper industry⁶⁾ and furniture production⁷⁾ on the GVA in basic prices (%)

Year	Agriculture	Forestry	Fishery	Food industry	Wood-processing industry	Paper industry	Furniture production
Current prices							
2010	1.079	0.588	0.013	2.329	0.634	0.416	0.360
2011	1.622	0.738	0.020	2.308	0.616	0.376	0.348
2012	1.832	0.765	0.018	2.254	0.593	0.376	0.346
2013	1.882	0.788	0.015	2.219	0.566	0.372	0.337
2014	1.976	0.745	0.016	2.240	0.595	0.418	0.326
2015	1.753	0.708	0.015	2.168	0.603	0.438	0.319
2016	1.686	0.597	0.015	2.257	0.621	0.468	0.358
2017	1.713	0.570	0.011	2.254	0.615	0.477	0.356
Constant prices of 2010							
2010	1.079	0.588	0.013	2.329	0.634	0.416	0.360
2011	1.041	0.619	0.019	2.442	0.592	0.381	0.373
2012	1.108	0.633	0.017	2.320	0.584	0.384	0.379
2013	1.078	0.633	0.015	2.191	0.494	0.362	0.374
2014	1.183	0.585	0.013	2.149	0.468	0.384	0.367
2015	1.193	0.590	0.012	2.140	0.482	0.385	0.369
2016	1.224	0.571	0.011	2.236	0.469	0.425	0.401
2017	1.109	0.575	0.009	2.371	0.468	0.444	0.435

Notes:

¹⁾ CZ-NACE 01 Crop and animal production, hunting and related activities.

²⁾ CZ NACE 02 Forestry and logging.

³⁾ CZ NACE 03 Fishing and aquaculture.

⁴⁾ CZ NACE 10+11+12 Manufacture of food products, beverages and tobacco products.

⁵⁾ CZ-NACE 16 Wood processing, production of wood, cork, wicker and straw products, except furniture

⁶⁾ CZ-NACE 17 Production of paper and paper products

⁷⁾ CZ-NACE 31 Furniture production

Source: Czech Statistical Office, quarterly accounts results; revised data

2 FOREST OWNERSHIP STRUCTURE

Most forest land is owned by the state and is predominantly managed by LČR, s.p. Private entities and municipalities represent other major forest owners. More substantial

modifications in the ownership structure are to come in the following years as a result of restitution of forest property to Churches.

Forest ownership structure

Ownership		Area of forest stands	
		(ha)	%
State forests		1 461 370	56.04
of which	LČR, s. p.	1 218 005	46.71
	Vojenské lesy a statky ČR, s. p. (military forests)	122 003	4.68
	Ministry of the Environment (National Parks)	95 495	3.66
	Regional forests (secondary schools and other)	1 646	0.06
	Other	22 558	0.87
	Ministry of the Environment (Nature Conservation Agency of the Czech Republic)	1 663	0.06
Legal persons		81 476	3.12
Municipal forests		446 772	17.13
Forests owned by Churches and other religious entities		86 682	3.32
Forest cooperatives and associations		30 765	1.18
Forests owned by individuals		500 108	19.18
Other forests (not listed elsewhere)		666	0.03
Total		2 607 841	100.00

Source: FMI



3 FOREST SECTOR OVERVIEW

3.1 Forest Reproductive Material

Recognised Sources of Forest Reproductive Material

The central records of recognised sources of forest reproductive material in the Czech Republic are managed by the Forest Management Institute (hereinafter referred to as the "FMI"), an authorised person, which keeps the so-called Register of Recognised Sources of Reproductive Material. For each approved unit, the Institute registers the tree species, category of reproductive material, type of source, registration number, location, altitude or altitudinal zone, area, origin, and in case of tested reproductive material also information whether the organism is genetically modified or not.

The Register of Recognised Sources of Reproductive Material is a web application named ERMA2, with its public section accessible through the web portal of the Ministry of Agriculture www.eagri.cz.

Sources of identified reproductive material

66909.98 ha of source type "stand" in total 7721 recognised units and total 473 recognised units of type "seed source" were registered by 31 December 2017.

Sources of selected reproductive material

As at 31 December 2017, the registered reduced tree area was 66 639.44 ha of source type "stand" in 6 138 recognised units. Approved stands of phenotype category "A" covered 7 065.95 ha, while the phenotype category "B" represented an area of 59 573.49 ha.

Sources of qualified reproductive material

Parent trees / clones

As at 31 December 2017, the Register of Recognised Sources of Reproductive Material recorded total 8 701 clones, namely 6 030 clones of conifers and 2 671 clones of broadleaves. The Register comprises clones of total 41 tree species, i.e. 10 conifers and 31 broadleaves.

Seed orchards

At 31 December 2017, the Register of Recognised Sources of Reproductive Material listed total 131 recognised seed orchards of total 299.07 ha, which are established for 10 conifer and 14 broadleaf tree species.

Clone mixtures

Total 23 recognised clone mixtures for 5 tree species were registered in the Czech Republic in 2017, covering an overall area of 17.47 ha.

Forest regeneration (ha)

Method of regeneration	2000	2010	2015	2016	2017
Artificial	21 867	21 859	18 797	19 929	19 973
of which Replanting	4 371	3 087	5 246	4 433	4 095
Natural	3 422	5 127	4 749	4 813	4 473
Total	25 309	26 986	23 546	24 742	24 446

Source: Czech Statistical Office



3.2 Forest Nursery Practice

Licences

The basic prerequisite for handling with forest reproductive material is a respective licence. As at 31 December 2017, the central register of seed suppliers of the Ministry of Agriculture listed total 628 licence holders, namely 319 individuals and 309 legal persons.

Based on the data submitted to the authorised entity (FMI) by licence holders entitled to marketing the forest reproductive material, there were total 267 suppliers owning at least one production plant operating in the sector of forest nursery practice in 2017.

Area of forest nurseries

On the date of 31 December 2017, the total area of forest nurseries marketing forest reproductive material amounted to 2 165.82 ha, the actual production area covering 1 569.64 ha. In addition to open production areas, the records listed 3.91 ha of glass greenhouses, 22.05 ha of plastic greenhouses and 8.42 ha of hotbeds.

3.3 Forest Regeneration and Reforestation

The area of regenerated forest stands is 24 446 ha in 2017 and shows the balance trend in the long term in comparison with past years.

Share of broadleaves of artificial regeneration is stable in the long term. The share slightly rose in comparison with past years. In 2017 the share was 42.3%.

3.4 Timber Harvest

The raw timber harvested in the Czech Republic in 2017 totalled 19.39 million m³. Compared to 2016, this was 1.78 million m³ more. Salvage cutting in 2017 substantially contributed to that volume with its share of 60.5 % and totalled 11.74 million m³.



Total annual timber harvest

Harvest	Unit	2000	2010	2015	2016	2017
Conifers	mil. m ³	12.85	15.07	14.38	15.92	17.74
Broadleaves		1.59	1.67	1.78	1.69	1.65
Total		14.44	16.74	16.16	17.61	19.39
Per capita	m ³	1.41	1.59	1.53	1.67	1.83
Per 1 ha of forest		5.48	6.30	6.06	6.60	7.26

Note: Volumes are given in m³ under bark, minimum top diameter 7 cm.

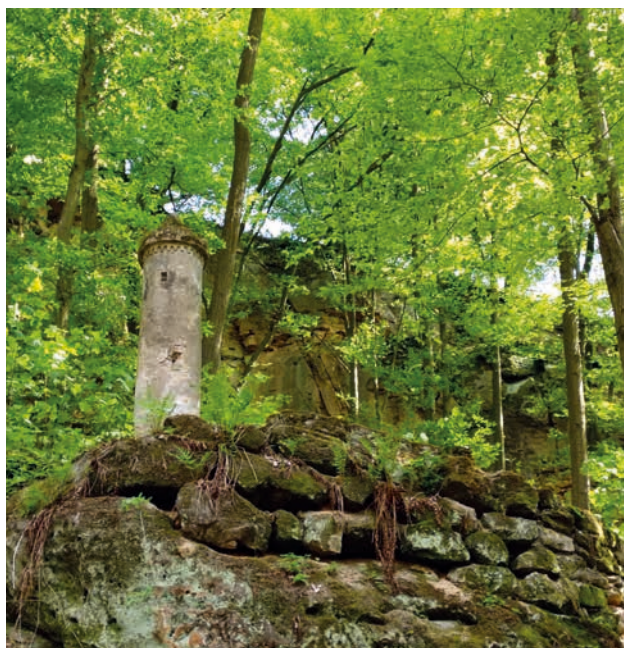
Source: Czech Statistical Office

3.5 Certification of Sustainable Forest Management

Overview of certified forests

Ownership	PEFC	FSC
	Area of certified forests (ha)	
State forests	1 453 984	35 087
Individuals	81 431	4
Legal entities	114 334	10 375
Municipal forests	184 070	7 913
Total	1 833 819	53 379

Source: FMI



4 MAJOR INDICATORS IN TIMBER PRODUCTION

4.1 Changes in Forest Land Area

The total area of forest land in the Czech Republic has been constantly increasing. This is partly thanks to afforestation of new land, which exceeds the extent of transformation of forest land for other purposes, and partly thanks to the improvements as to the precision of data from the Land Register. In 2016, the forest land area increased in year-on-year terms by 1 809 ha.

4.2 Forest Categories by Their Functions

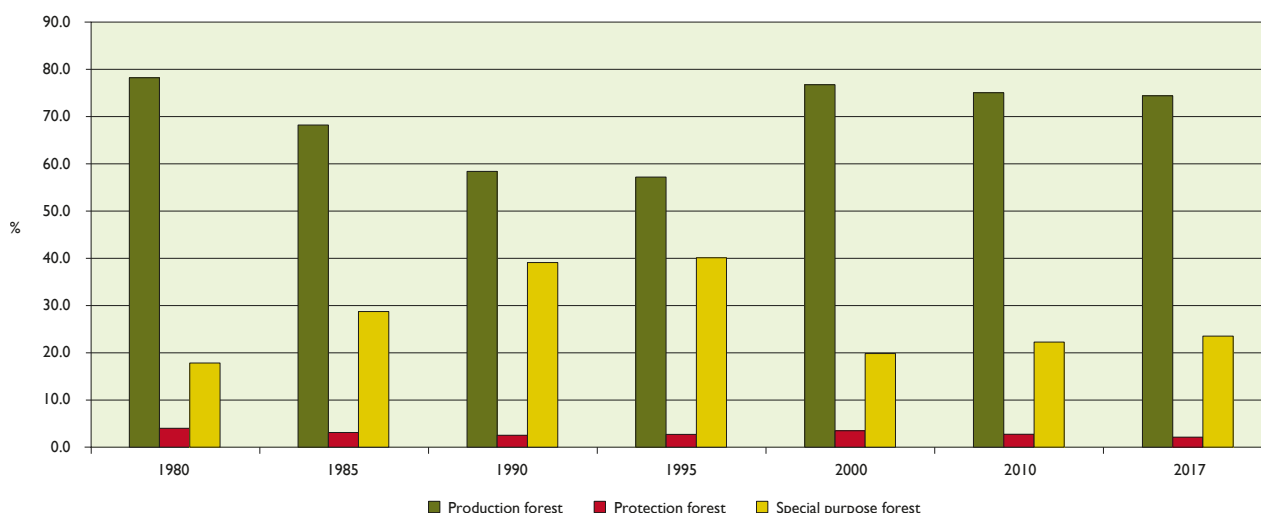
Individual categories of forests are distinguished by their prevailing functions. A slight but persistent increment in the category of special purpose forests may be observed. Among other factors, this is caused by increasing demands of the society on non-wood forest functions. The total area of protection forests decreased again against 2016 by 807 ha.

Changes in forest land area (ha)

Year	2012	2014	2015	2016	2017
Forest land area	2 661 889	2 666 376	2 668 392	2 669 850	2 671 659

Source: Czech Office for Surveying, Mapping and Cadastre

Development of forest categories



Source: FMI





4.3 Species Composition of Forests

The total area of main coniferous species, particularly spruce, further declined. In contrast, the share of broadleaves, particularly beech, has been augmenting.

Species composition in ha and in % of total timber land

Species	Year					
	2000	2010	2014	2015	2016	2017
	Timber land in ha and %					
Norway spruce	1 397 012	1 347 239	1 319 733	1 315 487	1 312 204	1 308 432
	54.1	51.9	50.7	50.6	50.5	50.3
Fir	23 138	25 869	28 251	28 699	29 086	29 458
	0.9	1.0	1.1	1.1	1.1	1.1
Pine	453 159	436 308	429 636	428 030	425 687	424 201
	17.6	16.8	16.5	16.5	16.4	16.3
Larch	97 170	100 761	100 749	100 283	99 917	99 773
	3.8	3.9	3.9	3.9	3.8	3.8
Other conifers	4 586	6 352	7 755	7 846	8 068	8 150
	0.2	0.2	0.3	0.3	0.3	0.3
Total conifers	1 975 065	1 916 529	1 886 124	1 880 344	1 874 961	1 870 015
	76.5	73.9	72.5	72.3	72.1	71.9
Oak	163 761	178 466	184 441	185 044	186 718	188 068
	6.3	6.9	7.1	7.1	7.2	7.2
Beech	154 791	189 998	207 595	211 835	215 535	218 781
	6.0	7.3	8.0	8.2	8.3	8.4
Birch	74 560	72 264	71 779	71 796	71 579	71 783
	2.9	2.8	2.8	2.8	2.8	2.8
Other broadleaves	183 696	209 559	219 363	219 207	221 243	223 103
	7.1	8.1	8.4	8.4	8.5	8.6
Total broadleaves	576 808	650 287	683 178	687 882	695 075	701 734
	22.3	25.1	26.3	26.5	26.7	27.0
Total excl. unstocked areas	2 551 873	2 566 816	2 569 302	2 568 227	2 570 036	2 571 749
	98.8	98.9	98.7	98.8	98.8	98.8

Source: FMI

4.4 Growing Stock and Increments

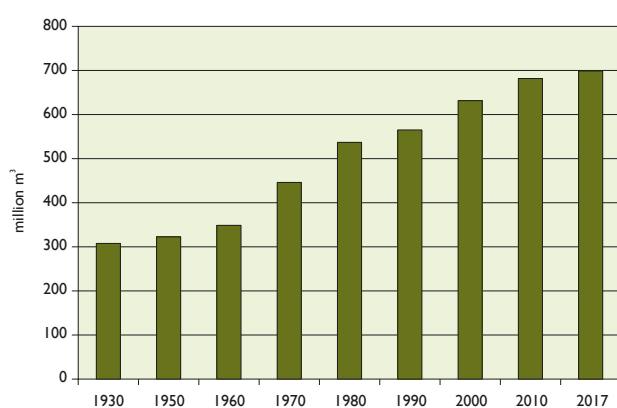
Compared to 1930, the total growing stock in Czech forests more than doubled. The factors contributing to the fact are a higher increment and more precise determination using new methods and instruments implemented in the 60's and 70's of the 20th century.

The total growing stock in Czech forests continued to extend also in the year 2017. This was thanks to a slight increase in stand stocking, an increase in the percentage of older stands.

However, not all the stock is equally accessible for felling. The volume of felled timber in protection and special purpose forests is limited by fulfilment of protective functions or by special purpose management. In most cases, no felling operations may be carried out in forests with an increased protection regime, in nature reserves, and in first zones of national parks. The average growing stock per ha of forest land (i.e. growing stock on timber land including clear-cuts) is 269 m³.



Development of growing stock volume



Total mean and total current annual increment

Increment	Year						
	1950*	1970	1980	1990	2000	2010	2017
	million m³ u.b. annually						
Total mean	9.0	13.5	16.0	16.3	16.8	17.7	18.0
Total current	9.2	14.8	17.1	17.0	19.8	21.2	22.1
	m³ u. b. per ha of timber land annually						
	1950*	1970	1980	1990	2000	2010	2017
	m³ u. b. per ha of timber land annually						
Total mean	3.7	5.3	6.2	6.3	6.5	6.8	7.0
Total current	3.8	5.8	6.7	6.6	7.7	8.2	8.6

Note: *Including forests under 10 ha of size, forest not intended for wood supply and afforested non forest land.



5 FORESTRY SECTOR ECONOMY

5.1 State Budget Funds for the Forestry Sector

Governmental Financial Obligations Subject to the Forest Act

In 2017, the state allocated total CZK 185.9 million under the obligations determined by the Forest Act. The amount of CZK 7.2 million was granted as part payment to cover the increased costs of planting the minimum number of soil improving and stabilising tree species on the total area of 1 312 ha of regenerated forest stands. CZK 127.1 million was paid to cover the activities of licensed forest managers who manage forests of up to 50 ha in case these did not contract their own licensed forest manager. The allocated amount corresponds the work of licensed forest managers on total 389 961 ha of forests. The state reimburses the costs of forest management guidelines to forest owners who own a total forest area of up to 50 ha and do not have a forest management plan drawn up for their property. The overall amount allocated for such forest owners reached CZK 15.4 million and provided for management guidelines for total 52 940 ha of forest land. The data stated above apply to forest management guidelines valid from 1 January 2018 with the funds allocated in 2017. An amount of CZK 36.2 million was granted to support measures relating to soil improvement and torrent control carried out upon a decision of a state forest administration body in the public interest. Such measures were adopted to control torrents of 5 km in length, and to build or repair water reservoirs of total water retention capacity of 22 thousand m³.



Government financial obligations subject to the Forest Act (CZK million)

Activities	2014	2015	2016	2017
Soil-improving and stabilising species	12.4	9.9	7.2	7.2
Licensed forest managers	155.1	155.5	155.8	127.1
Forest management guidelines	11.9	10.6	20.6	15.4
Soil improvement and torrent control	24.5	26.5	19.9	36.2
Total	203.9	202.5	203.4	185.9

Source: Ministry of Agriculture

State Services Supporting Forest Management

The state provides services free of charge to help forest owners improve the standards of forest management and ensure forest protection against damaging agents. Within its consulting services, the state mainly supplies forest owners with up-to-date information concerning preventive protection of their forests and potential protective measures against damaging agents.

State services supporting forest management (CZK million)

Type of service	2014	2015	2016	2017
Aerial liming and fertilisation	0.0	66.8	50.3	44.4
Aerial fire control services	1.2	3.5	1.3	8.1
Large-scale measures in forest protection	0.0	0.1	0.7	0.7
Consultancy	7.5	28.8	32.0	29.2
Other services	4.9	0.7	0.6	0.6
Total	13.6	99.9	84.9	83.0

Source: Ministry of Agriculture

Subsidies from State Budget

Support in form of subsidies granted for forest management and selected game management activities is provided from the state budget under the Government Decree No. 30/2014 Coll., on determining binding rules for granting subsidies to forest management and selected game management activities (hereinafter referred to as the "Government Decree"). Such subsidies are granted to forest owners (or persons having the rights and obligations of a forest owner as established by the Forest Act), and to users of hunting grounds, owners of hunting dogs or owners of breeding stations of hunting birds of prey.

Subsidies for forest management granted from the budget of the Ministry of Agriculture by purpose and ownership category (CZK million)

Purpose of subsidy	Ownership category	2014	2015	2016	2017
Regeneration of forests affected by air pollution	Municipal	9.9	12.8	9.1	9.5
	State	0.0	0.0	0.0	0.0
	Other	8.1	10.5	8.9	9.8
	Total	18.0	23.4	18.1	19.3
Regeneration, establishment and tending of stands until 40 years of the stands	Municipal	59.0	49.2	48.3	67.8
	State	0.4	0.0	0.0	0.0
	Other	93.1	82.0	98.1	181.8
	Total	152.5	131.2	146.4	249.6
Green and environmentally friendly technologies	Municipal	2.9	3.9	4.6	5.9
	State	0.0	0.0	0.0	0.0
	Other	8.7	16.9	21.0	37.2
	Total	11.6	20.8	25.5	43.1
Subsidies to users of hunting grounds	Municipal	0.0	0.0	0.0	0.02
	State	0.6	0.6	0.3	0.9
	Other	8.3	8.9	9.1	9.0
	Total	8.9	9.5	9.5	9.9
Elaboration of forest management plans	Municipal	9.8	9.9	7.5	10.5
	State	0.0	0.0	0.2	0.0
	Other	8.5	17.1	18.1	18.7
	Total	18.3	26.9	25.8	29.2
Breeding and training of national hunting dog breeds and hunting birds of prey	Municipal	0.0	0.0	0.0	0.0
	State	0.0	0.0	0.0	0.0
	Other	2.1	2.1	2.3	2.6
	Total	2.1	2.1	2.3	2.6
Total subsidies	Municipal	81.6	75.8	69.5	93.7
	State	2.8	0.6	0.5	0.9
	Other	129.0	137.5	157.5	259.1
	Total	213.4	214.0	227.5	353.7

Source: Ministry of Agriculture



6 TIMBER MARKET

6.1 Domestic Timber Market

The total timber supplies experienced a year-on-year rise by 1 770 thousand m³ amounting to 19 387 thousand m³, while softwood supplies represented 17 735 thousand m³ and hardwood supplies totalled 1 652 thousand m³.



Timber supplies (1 000 m³)

Supplied assortments (excl. imports)		2015	2016	2017
Roundwood ^{x)}		8 964	10 341	11 488
of which	Softwood	8 468	9 869	10 986
	Hardwood	496	472	502
Pulpwood ^{xx)}		4 863	4 932	5 523
of which	Softwood	4 403	4 505	5 102
	Hardwood	460	427	421
Fuelwood		2 336	2 344	2 376
of which	Softwood	1 514	1 550	1 647
	Hardwood	822	794	729
Total timber supplies		16 163	17 617	19 387
of which	Softwood	14 385	15 924	17 735
	Hardwood	1 778	1 693	1 652

Note: ^{x)} Including pole and mine timber.

^{xx)} Including groundwood.

The volumes of logging residues and chips approximately 2,0 million m³ in 2015, 1,9 million m³ in 2016 and 2,1 million m³ in 2017 are not included in the total supplies of roundwood.

Source: Czech Statistical Office, Ministry of Agriculture



6.2 Timber Export and Import

Timber exports and imports

	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
	CZK million			1 000 m³			Average price CZK/m³	
Total	13 736	4 494	9 242	7 890	3 271	4 619	1 741	1 374
of which								
EU – 27	13 548	4 031	9 517	7 826	3 077	4 749	1 731	1 310
Germany	4 921	596	4 325	2 956	660	2 296	1 665	903
Austria	7 124	183	6 941	4 199	320	3 879	1 697	572
Slovakia	497	1 555	-1 058	305	975	-670	1 630	1 595
Poland	97	1 424	-1 327	56	1 077	-1 021	1 732	1 322

Source: ¹⁾ Czech Statistical Office, ²⁾ Ministry of Agriculture

Timber exports and imports (1 000 m³)

Assortment	Exports	Imports
Softwood roundwood and pulp	6 380	1 623
of which		
Spruce	5 999	1 128
Pine	310	277
Other	71	218
Hardwood roundwood and pulp	203	193
of which		
Oak	24	64
Beech	112	68
Poplar	4	5
Birch	35	19
Other	28	37
Charcoal	0	13
Fuelwood	123	20
Chips, particles	246	600
Sawdust, Wood Waste, Residues	445	711
Wood pellets and other agglomerates	493	111
Total	7 890	3 271

Source: Czech Statistical Office, Ministry of Agriculture



7 OTHER FOREST-BASED ACTIVITIES AND SECTORS

7.1 Game Management

In 2017, the country registered 5 793 hunting grounds under game management with their total area of 6 890 552 ha. These comprised 205 game preserves of total 48 850 ha and 291 pheasantries of total 95 970 ha.



Hunting of main game species (pcs)

Game species	2013	2014	2015	2016	2017
Red Deer	23 593	23 378	23 990	26 162	27 888
Fallow Deer	16 570	16 848	19 033	20 498	23 142
Mouflon	9 446	9 313	9 688	9 727	9 630
Roe Deer	105 686	100 395	99 861	100 852	103 492
Wild Boar	152 468	169 483	186 148	160 484	238 529
Duck	256 375	262 381	255 195	249 779	452 550
Pheasant	459 412	479 659	465 907	472 983	26 830
Hare	37 694	39 956	36 515	32 988	27 888

Source: Ministry of Agriculture, Ministry of the Environment, Czech Statistical Office

Spring stocks of main game species (pcs)

Game species	2013	2014	2015	2016	2017
Red Deer	26 618	27 666	28 223	29 495	29 789
Fallow Deer	27 774	28 598	31 099	32 880	33 734
Mouflon	19 435	20 076	20 471	21 143	21 707
Roe Deer	290 661	288 656	291 241	294 952	298 852
Wild Boar	59 175	59 517	60 966	62 134	58 746

Source: Ministry of Agriculture, Ministry of the Environment, Czech Statistical Office

7.2 Timber Processing Industry

The total log breakdown in the Czech Republic reached the volume of 7.500 million m³ of softwood and hardwood roundwood, which was used to produce 4.070 million m³ of softwood sawn wood and 0.235 million m³ of hardwood sawn wood.

In comparison with last year softwood and hardwood sawnwood was produced more by 242 thousand m³. Export of softwood and hardwood sawnwood increased by 155 thousand m³ and the import increase by 93 thousand m³ in comparison with last year. The domestic consumption of sawn wood partially increased by 180 thousand m³.

Log breakdown and sawn wood production (1 000 m³)

	2015	2016	2017
Log breakdown	6 900	7 200	7 500
Sawn wood production	4 150	4 063	4 305

Source: Ministry of Agriculture



Market with timber products (l 000 m³)

Product	Year	Production	Import	Export	Consumption
Softwood roundwood ^{x)}	2015	8 468	980	2 948	6 500
	2016	9 869	700	3 806	6 763
	2017	10 986	936	4 781	7 141
Hardwood roundwood ^{x)}	2015	496	152	183	465
	2016	472	166	66	572
	2017	502	91	129	464
Softwood sawn wood	2015	3 920	534	3 323	1 131
	2016	3 830	629	3 329	1 130
	2017	4 070	724	3 520	1 274
Hardwood sawn wood	2015	230	191	215	206
	2016	233	112	148	197
	2017	235	110	112	233
Particle boards	2015	1 040	743	1 390	393
	2016	1 112	729	1 442	399
	2017	1 156	757	1 512	401
Plywood	2015	180	88	124	144
	2016	212	93	161	144
	2017	220	96	165	151
Fibreboards	2015	44	222	93	173
	2016	32	240	99	173
	2017	33	247	103	177
Softwood pulpwood ^{xx)}	2015	4 403	1 000	1 294	4 109
	2016	4 505	800	1 273	4 032
	2017	5 102	687	1 599	4 190
Hardwood pulpwood	2015	460	197	105	552
	2016	427	129	81	475
	2017	421	102	74	449

Note: x) Including pole and mine timber.

xx) Including groundwood.

Source: Ministry of Agriculture

7.3 Pulp and Paper Industry

The consumption of softwood timber for pulp production reached 3 721 thousand m³, i.e. 2 380 thousand m³ of softwood pulp and 1 341 thousand m³ of softwood chips and particles.

The pulp and paper industry produced total 460 thousand tons of pulp in 2017, chemical pulp representing 452 thousand tons.

Consumption of wood for pulp production (l 000 m³)

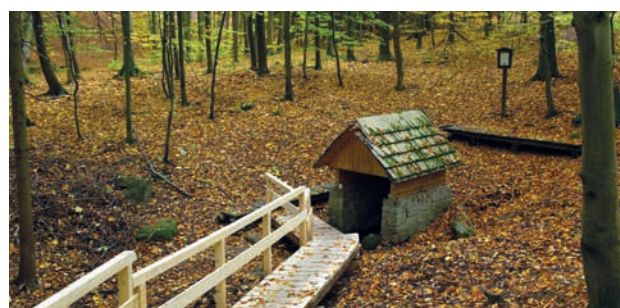
Timber assortment	Consumption		
	2015	2016	2017
Chips and particles	1 440	1 270	1 341
Pulpwood	2 229	2 350	2 380
Total	3 669	3 620	3 721

Source: Association of the Czech Pulp and Paper Industry

Pulp, paper, paperboard, and cardboard production (l 000 t)

Product	2015	2016	2017
Chemical pulp	431	445	452
Pulp of other fibres	4	4	8
Total	435	449	460
Paper, paperboard, and cardboard	740	795	908

Source: Association of Czech Pulp and Paper Industry





8 ABBREVIATIONS

CZK	Czech koruna (currency)
ESA	European System of Accounts
EU	European Union
FMI	Forest Management Institute
FSC CR	Forest Stewardship Council – Czech Republic
GDP	Gross Domestic Product
GVA	Gross Value Added
LČR, s. p.	Forests of the Czech Republic, State Enterprise
ILO	International Labour Organization
PEFC CR	Programme for the Endorsement of Forest Certification Schemes – Czech Republic



9 CONTACTS TO SELECTED FORESTRY ORGANISATIONS IN THE CZECH REPUBLIC

Ministry of Agriculture

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110 00 Praha 1
info@mze.cz
www.eagri.cz

Ministry of the Environment

Vršovická 1442/65,
100 10 Praha 10
info@mzp.cz
www.mzp.cz

Czech University of Life Sciences Prague Faculty of Forestry and Wood Sciences

Kamýcká 1176,
165 21 Praha 6 – Suchbátka
<http://www.fld.czu.cz/>

Mendel University in Brno Faculty of Forestry and Wood Technology

Zemědělská 3,
613 00 Brno
www.lfd.mendelu.cz/

Forest Management Institute

Nábřeží 1326
250 01 Brandýs nad Labem
podatelna@uhul.cz
www.uhul.cz

Forestry and Game Management Research Institute

156 04 Praha 5 – Zbraslav
admin@vulhm.cz
www.vulhm.cz

The Association of Municipal and Private Forest Owners in the Czech Republic

K Silu 1980
393 01 Pelhřimov
info@svol.cz
www.svol.cz

Lesy České republiky, s. p. (Forests of the Czech Republic, State Enterprise)

Přemyslova 1106/19
500 08 Hradec Králové
lesycr@lesycr.cz
www.lesycr.cz

Vojenské lesy a statky ČR, s. p. (Military Forests and Farms, State Enterprise)

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160 00 Praha 6
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