

INFORMATION ON FORESTS AND FORESTRY IN THE CZECH REPUBLIC BY 2021



MINISTRY OF AGRICULTURE
OF THE CZECH REPUBLIC



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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	2020	2021
GDP in current prices	CZK billion	5 694.4	6 120.6
	year-on-year index	98.3	107.5
GDP in constant prices 2005 (adjusted for season variations)	year-on-year index	94.4	103.3
Relative GDP per capita ¹⁾	EU 28 = 100	93.0	92.0
Average monthly earnings (nominal) ²⁾	CZK	35 611	37 839
	year-on-year index	104.4	106.3
Average inflation rate	%	3.2	3.8
Mean interest rates on bank credits ³⁾	%	2.91	4.67
Trade balance ⁴⁾	CZK billion	285.2	73.3
Current account of balance of payments	CZK billion	203.5	-51.0
Balance of the state budget	CZK billion	-367.0	-419.7
Consolidated gross debt in the sector of state institutions	CZK billion	2 149.2	2 566.4
Deficit in the sector of state institutions	% GDP	-6.50	-6.90
Debt in the sector of state institutions	% GDP	37.74	41.93
Unemployment rate (mean) ⁵⁾	%	3.3	3.5
Parity (mean) - CZK/€	CZK	26.444	25.645
Parity (mean) - CZK/\$	CZK	23.196	21.682

Notes

¹⁾ Purchasing power parity, data for 2020 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 1. Aa – Goods in the balance sheet of ČNB after introducing guidelines BPM6 in 2014.

⁵⁾ 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							
2015	1.792	0.649	0.015	2.131	0.590	0.455	0.311
2016	1.725	0.579	0.016	2.158	0.614	0.466	0.357
2017	1.717	0.557	0.016	2.110	0.615	0.477	0.348
2018	1.746	0.390	0.013	2.078	0.644	0.451	0.326
2019	1.720	0.327	0.013	2.050	0.632	0.470	0.324
2020	1.784	0.358	0.012	2.116	0.636	0.492	0.308
2021	1.697	0.326	0.008	2.009	0.649	0.501	0.322
Constant prices of 2015							
2015	1.792	0.649	0.015	2.131	0.590	0.455	0.311
2016	1.849	0.657	0.016	2.231	0.534	0.481	0.342
2017	1.624	0.669	0.016	2.246	0.548	0.492	0.361
2018	1.699	0.593	0.016	2.165	0.505	0.469	0.347
2019	1.632	0.749	0.016	2.189	0.459	0.475	0.350
2020	1.844	1.053	0.016	2.156	0.487	0.548	0.325
2021	1.742	0.228	0.014	2.208	0.315	0.592	0.378

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

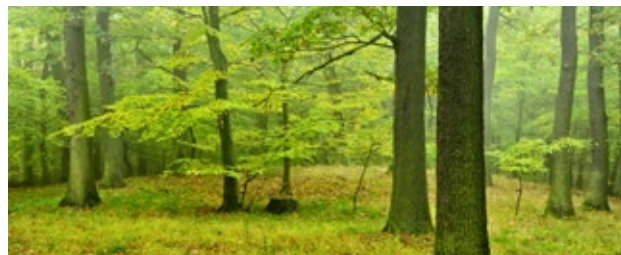
⁶⁾ CZ-NACE 17 Production of paper and paper products

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. 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		1 406 841	53.79
of which	LČR	1 161 335	44.40
	Vojenské lesy a statky ČR, s. p. (military forests)	123 024	4.70
	Ministry of the Environment (National Parks)	95 484	3.65
	Regional forests (secondary schools and other)	2 370	0.09
	Other	23 055	0.88
	Ministry of the Environment (Nature Conservation Agency of the Czech Republic)	1 572	0.06
Legal persons		88 969	3.40
Municipal forests		449 193	17.18
Forests owned by Churches and other religious entities		139 001	5.31
Forest cooperatives and associations		31 103	1.19
Forests owned by individuals		500 110	19.12
Other forests (not listed elsewhere)		162	0.01
Total		2 615 378	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

74 613.34 ha of source type "stand" in total 8 367 recognized units and total 604 recognised units of type "seed source" were registered by 31 December 2021.

Sources of selected reproductive material

As at 31 December 2021, the registered reduced tree area was 65 885.53 ha of source type "stand" in 6 214 recognised units. Approved stands of phenotype category "A" covered 7 072.14 ha, while the phenotype category "B" represented an area of 58 813.39 ha.

Sources of qualified reproductive material

Parent trees / clones

As at 31 December 2021, the Register of Recognised Sources of Reproductive Material recorded total 8 342 clones, namely 5 835 clones of conifers and 2 507 clones of broadleaves. The Register comprises clones of total 39 tree species, i.e. 10 conifers and 29 broadleaves.

Seed orchards

At 31 December 2021, the Register of Recognised Sources of Reproductive Material listed total 136 recognised seed orchards of total 299.74 ha, which are established for 10 conifer and 15 broadleaf tree species.

Clone mixtures

Total 22 recognised clone mixtures for 5 tree species were registered in the Czech Republic in 2021, covering an overall area of 16.28 ha.

3.2 Forest Nursery Practice

Licences

The basic prerequisite for handling with forest reproductive material is a respective licence. As at 31 December 2021, the central register of seed suppliers of the Ministry of Agriculture listed total 694 licence holders, namely 329 individuals and 365 legal persons.

Area of forest nurseries

On the date of 31 December 2021, the total area of forest nurseries marketing forest reproductive material amounted to 1 717.99 ha, the actual production area covering 1 235.44 ha. In addition to open production areas, the records listed 2.26 ha of glass greenhouses, 24.26 ha of plastic greenhouses and 6.40 ha of hotbeds.



3.3 Forest Regeneration and Reforestation

The area of regenerated forest stands is 49 790 ha in 2021 and significant increase in comparison with past years. This is an expected consequence of afforestation of clearings after extensive salvage cutting.

Share of broadleaves of artificial regeneration is stable in the long term. The share slightly rose in comparison with past years. In 2021 the share was 52.1 %.

Forest regeneration (ha)

Method of regeneration	2000	2010	2015	2019	2020	2021
Artificial	21 867	21 859	18 797	28 670	33 671	40 679
of which Replanting	4 371	3 087	5 246	3 799	3 621	4 847
Natural	3 422	5 127	4 749	5 224	6 615	9 111
Total	25 309	26 986	23 546	33 894	40 286	49 790

Source: Czech Statistical Office

3.4 Timber Harvest

The raw timber harvested in the Czech Republic in 2020 totalled 35.75 million m³. Compared to 2019, this was 3.17 million m³ more. Salvage cutting in 2020 substantially contributed to that volume with its share of 95 % and totalled 33.91 million m³.

Total annual timber harvest

Harvest	Unit	2000	2010	2015	2019	2020	2021
Conifers	mil. m ³	12.85	15.07	14.38	31.31	34.49	28.72
Broadleaves		1.59	1.67	1.78	1.27	1.26	1.54
Total		14.44	16.74	16.16	32.58	35.75	30.26
Per capita	m ³	1.41	1.59	1.53	3.05	3.34	2.88
Per 1 ha of forest		5.48	6.30	6.06	12.18	13.35	11.29

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	1 354 423	-
Individuals	83 075	-
Legal entities	166 050	-
Municipal forests	176 578	-
Total	1 780 126	135 420

Note: *Detailed data by type of ownership are not available for 2021.

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 2021, the forest land area increased in year-on-year terms by 1 475 ha.



Changes in forest land area (ha)

Year	2000	2005	2010	2015	2020	2021
Forest land area	2 637 290	2 647 416	2 657 376	2 668 392	2 677 329	2 678 804

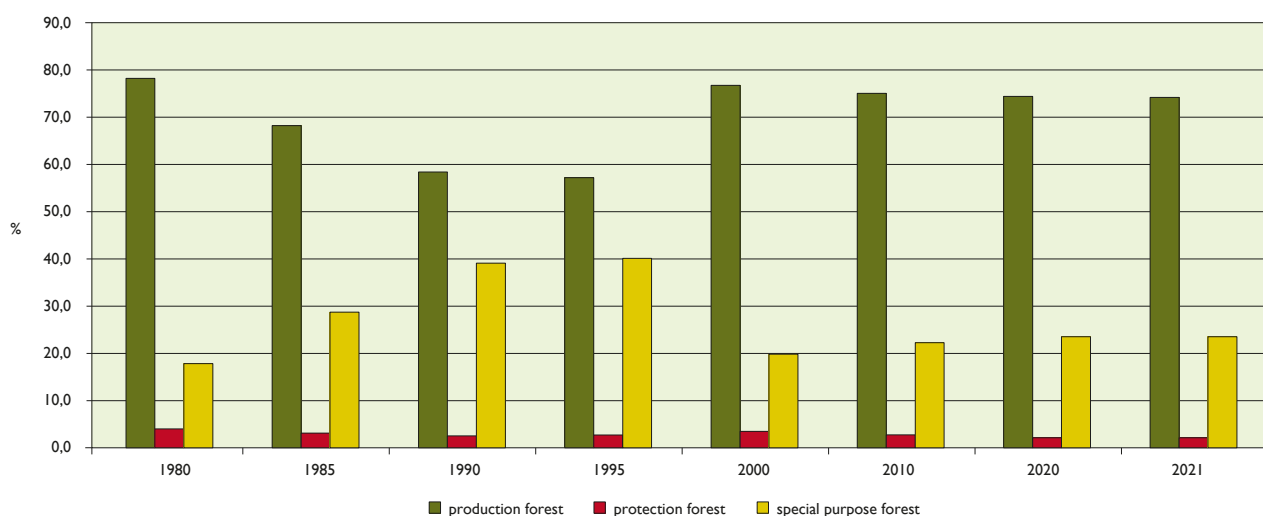
Source: Czech Office for Surveying, Mapping and Cadastre

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.

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	2015	2019	2020	2021
	Timber land in ha and %					
Norway spruce	1 397 012	1 347 239	1 315 487	1 292 461	1 274 241	1 254 825
	54.1	51.9	50.6	49.5	48.8	48.1
Fir	23 138	25 869	28 699	30 663	31 429	32 272
	0.9	1.0	1.1	1.2	1.2	1.2
Pine	453 159	436 308	428 030	420 840	419 874	418 530
	17.6	16.8	16.5	16.1	16.1	16.0
Larch	97 170	100 761	100 283	100 264	100 632	101 135
	3.8	3.9	3.9	3.8	3.9	3.9
Other conifers	4 586	6 352	7 846	8 694	10 252	10 709
	0.2	0.2	0.3	0.3	0.4	0.4
Total conifers	1 975 065	1 916 529	1 880 344	1 852 922	1 836 427	1 817 472
	76.5	73.9	72.3	71.0	70.4	69.6
Oak	163 761	178 466	185 044	192 038	195 252	198 768
	6.3	6.9	7.1	7.4	7.5	7.6
Beech	154 791	189 998	211 835	230 305	235 755	242 314
	6.0	7.3	8.2	8.8	9.0	9.3
Birch	74 560	72 264	71 796	72 403	72 744	73 316
	2.9	2.8	2.8	2.8	2.8	2.8
Other broadleaves	183 696	209 559	219 207	228 401	230 856	233 508
	7.1	8.1	8.4	8.8	8.9	9.0
Total broadleaves	576 808	650 287	687 882	723 146	734 606	747 906
	22.3	25.1	26.5	27.7	28.2	28.7
Total excl. unstocked areas	2 551 873	2 566 816	2 568 227	2 576 068	2 571 033	2 565 378
	98.8	98.9	98.8	98.7	98.5	98.3

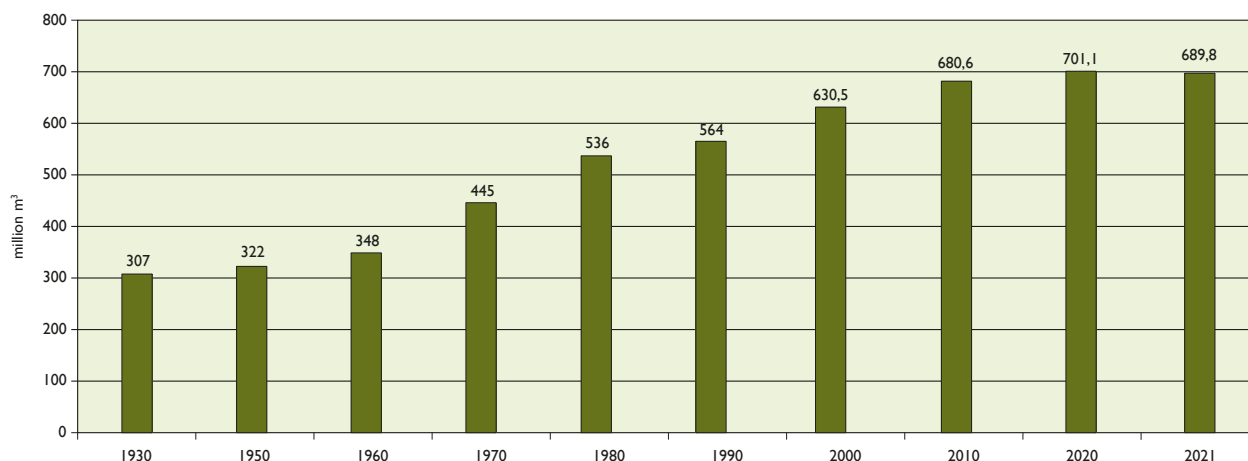
Source: FMI

4.4 Growing Stock and Increments

Compared to 1930, the total growing stock in Czech forests more than doubled. In 2021 the growing stock volume

decreased for the first time in many years. Large calamity originated clear-cuts appear. The average growing stock per ha of forest land (growing stock on timber land including clear-cuts) is 267.7 m³.

Development of growing stock volume



Source: FMI

Total mean and total current annual increment

Increment	Year							
	1950*	1970	1980	1990	2000	2010	2020	2021
	million m³ u.b. annually							
Total mean	9.0	13.5	16.0	16.3	16.8	17.7	18.2	18.3
Total current	9.2	14.8	17.1	17.0	19.8	21.2	22.4	22.3
	m³ u. b. per ha of timber land annually							
Total mean	3.7	5.3	6.2	6.3	6.5	6.8	7.1	7.1
Total current	3.8	5.8	6.7	6.6	7.7	8.2	8.7	8.7

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

Source: FMI



5 FORESTRY SECTOR ECONOMY

5.1 State Budget Funds for the Forestry Sector

Governmental Financial Obligations Subject to the Forest Act

In 2021, the state allocated total CZK 307 million under the obligations determined by the Forest Act. The amount of CZK 1.3 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 255 ha of regenerated forest stands. CZK 209.6 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 358 975 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 21.9 million and provided for management guidelines for total 34 547 ha of forest land. The data stated above apply to forest management guidelines valid from 1 January 2022. An amount of CZK 74.1 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 4 km in length, and to build or repair water reservoirs of total water retention capacity of 112 thousand m³.

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

Activities	2018	2019	2020	2021
Soil-improving and stabilising species	6.2	6.9	9.6	1.3
Licensed forest managers	186.5	157.2	184.2	209.6
Forest management guidelines	17.0	29.7	21.8	21.9
Soil improvement and torrent control	30.2	69.7	90.2	74.1
Total	239.8	263.5	305.8	307.0

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	2018	2019	2020	2021
Aerial liming and fertilisation	41.8	44.1	22.8	16.3
Aerial fire control services	8.4	5.5	8.0	7.6
Large-scale measures in forest protection	0.9	0.8	0.4	0.4
Consultancy	35.7	38.5	36.4	38.8
Other services	0.0	0.0	0.0	0.0
Total	86.7	88.9	67.6	63.4

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	2018	2019	2020	2021
Regeneration of forests affected by air pollution	Municipal	7.6	4.7	7.2	-
	State	0.0	0.0	0.0	-
	Other	10.5	12.1	9.8	-
	Total	18.1	16.8	17.0	-
Regeneration, establishment and tending of stands until 40 years of the stands	Municipal	79.5	148.5	210.9	255.6
	State	0.0	0.2	0.4	346.0
	Other	196.4	396.6	545.2	803.5
	Total	275.9	545.4	756.5	1 405.2
Green and environmentally friendly technologies	Municipal	6.9	14.9	28.4	31.1
	State	0.0	0.1	0.0	2.1
	Other	49.7	77.5	139.9	147.6
	Total	56.6	92.4	168.4	180.8
Subsidies to users of hunting grounds	Municipal	0.02	0.2	0.7	0.2
	State	0.9	4.3	7.1	4.8
	Other	9.2	31.7	110.6	71.2
	Total	10.2	36.2	118.4	76.1
Elaboration of forest management plans	Municipal	8.9	4.7	10.3	6.7
	State	0.0	0.0	0.0	0.0
	Other	21.0	18.4	14.1	5.9
	Total	29.9	23.2	24.4	12.6
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	2.5	2.6	2.4	2.8
	Total	2.5	2.6	2.4	2.8
Forest protection	Municipal	-	2.1	8.3	8.9
	State	-	0.0	0.0	10.1
	Other	-	15.4	84.8	97.2
	Total	-	17.5	93.1	116.3
Total subsidies	Municipal	102.9	175.1	265.8	302.5
	State	0.9	4.6	7.5	363.1
	Other	289.3	554.3	906.8	1 128.3
	Total	393.1	734.1	1 180.1	1 793.8

Source: Ministry of Agriculture

6 TIMBER MARKET

6.1 Domestic Timber Market

Governmental Financial Obligations Subject to the Forest Act

The total timber supplies experienced a year-on-year decrease by 5 498 thousand m³ amounting to 30 256 thousand m³, while softwood supplies represented 28 714 thousand m³ and hardwood supplies totalled 1 542 thousand m³.

Timber supplies (1 000 m³)

Supplied assortments (excl. imports)		2019	2020	2021
Roundwood ^{x)}		18 915	20 678	17 739
of which	Softwood	18 514	20 286	17 301
	Hardwood	401	392	438
Pulpwood ^{xx)}		6 449	8 359	7 407
of which	Softwood	6 103	8 036	6 950
	Hardwood	346	323	457
Fuelwood		5 022	6 717	5 110
of which	Softwood	4 496	6 165	4 463
	Hardwood	526	552	647
Total timber supplies		30 386	35 754	30 256
of which	Softwood	29 113	34 487	28 714
	Hardwood	1 273	1 267	1 542

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

^{xx)} Including groundwood.

The volumes of logging residues and chips approximately 2.5 million m³ in 2019, 2.7 million m³ in 2020 and 2.9 million m³ in 2021 are not included in the total supplies of roundwood.

Source: Czech Statistical Office, Ministry of Agriculture

Timber exports and imports (1 000 m³)

Assortment		Exports	Imports
Softwood roundwood and pulp		12 223	1 021
of which	Spruce	11 618	881
	Pine	547	123
	Other	58	17
Hardwood roundwood and pulp		355	134
of which	Oak	48	50
	Beech	192	62
	Poplar	0	0
	Birch	70	2
	Other	45	20
Charcoal		0	22
Fuelwood		169	16
Chips, particles		280	98
Sawdust, Wood Waste, Residues		841	552
Wood pellets and other agglomerates		968	171
Total		14 836	2 014

Source: Ministry of Agriculture



6.2 Timber Export and Import

Timber exports and imports

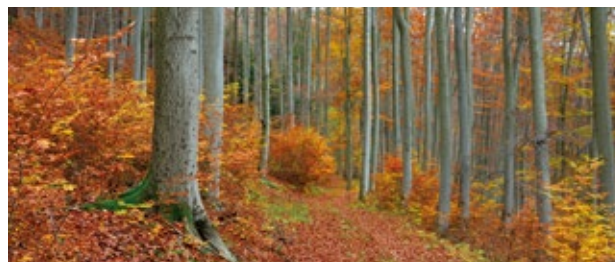
	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
	CZK million ¹⁾			1 000 m ³ ²⁾			Average price CZK/m ³	
Total	26 705	3 106	23 599	14 836	2 014	12 822	1 800	1 542
of which								
EU - 28	23 776	2 989	20 787	13 751	1 916	11 835	1 729	1 560
Germany	4 457	837	3 620	2 667	869	1 798	1 671	963
Austria	10 484	118	10 366	5 736	84	5 652	1 828	1 405
Slovakia	3 062	956	2 106	1 832	615	1 217	1 671	1 554
Poland	3 154	683	2 471	2 308	349	1 959	1 367	1 957

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

7 OTHER FOREST-BASED ACTIVITIES AND SECTORS

7.1 Game Management

In 2021, the country registered 5 787 hunting grounds under game management with their total area of 6 887 798 ha. These comprised 201 game preserves of total 49 314 ha and 286 pheasantries of total 90 874 ha.



Hunting of main game species (pcs)

Game species	2017	2018	2019	2020	2021
Red Deer	27 888	28 307	29 034	29 863	30 808
Fallow Deer	23 142	23 896	29 051	31 057	33 312
Mouflon	9 630	9 713	10 417	10 791	10 263
Roe Deer	103 492	102 265	103 072	105 665	107 471
Wild Boar	230 035	138 174	240 511	161 699	231 694
Duck	238 529	238 346	243 062	206 979	208 899
Pheasant	452 550	459 867	462 067	331 667	359 746
Hare	26 830	29 168	43 914	32 360	29 257

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

Spring stocks of main game species (pcs)

Game species	2017	2018	2019	2020	2021
Red Deer	29 789	30 289	29 773	31 039	31 916
Fallow Deer	33 734	34 950	37 799	39 058	41 663
Mouflon	21 707	21 663	20 949	22 138	22 730
Roe Deer	298 852	293 283	291 070	292 311	293 565
Wild Boar	58 746	54 456	60 863	59 086	62 676

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 8.900 million m³ of softwood and hardwood roundwood, which was used to produce 5.015 million m³ of softwood sawn wood and 0.145 million m³ of hardwood sawn wood.

In comparison with last year softwood and hardwood sawn wood was produced less by 198 thousand m³. Export of softwood and hardwood sawn wood decreased

by 532 thousand m³ and the import decreased by 119 thousand m³ in comparison with last year. The domestic consumption of sawn wood partially increased by 955 thousand m³.

Log breakdown and sawn wood production (1 000 m³)

	2019	2020	2021
Log breakdown	8 700	9 700	8 900
Sawn wood production	4 816	5 358	5 160

Source: Ministry of Agriculture

Market with timber products (1 000 m³)

Product	Year	Production	Import	Export	Consumption
Softwood roundwood ^{x)}	2019	18 714	966	11 474	8 206
	2020	20 286	555	11 741	9 100
	2021	17 301	750	9 250	8 801
Hardwood roundwood ^{x)}	2019	401	145	232	314
	2020	392	120	180	332
	2021	438	132	265	305
Softwood sawn wood	2019	4 675	563	3 850	1 388
	2020	5 213	483	3 352	2 344
	2021	5 015	526	2 291	3 250
Hardwood sawn wood	2019	141	327	79	389
	2020	145	288	45	388
	2021	145	338	67	416
Particle boards	2019	1 286	864	1 411	739
	2020	1 711	471	1 566	616
	2021	1 710	705	1 321	1 094
Plywood	2019	254	84	187	151
	2020	263	129	186	206
	2021	260	186	261	185
Fibreboards	2019	42	377	284	135
	2020	44	493	247	290
	2021	45	574	156	463
Softwood pulpwood ^{xx)}	2019	7 203	221	2 400	5 024
	2020	8 036	263	3 772	4 527
	2021	6 950	270	3 000	4 220
Hardwood pulpwood	2019	346	21	40	327
	2020	323	17	64	276
	2021	457	2	90	369

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 4 632 thousand m³, i.e. 3 018 thousand m³ of softwood pulp and 1 614 thousand m³ of softwood chips and particles.

The pulp and paper industry produced total 614 thousand tons of pulp in 2021, chemical pulp representing 611 thousand tons.

**Consumption of wood for pulp production (1 000 m³)**

Timber assortment	Consumption		
	2019	2020	2021
Chips and particles	1 455	1 534	1 614
Pulpwood	2 662	2 957	3 018
Total	4 117	4 491	4 632

Source: Association of the Czech Pulp and Paper Industry

Pulp, paper, paperboard, and cardboard production (1 000 t)

Product	2019	2020	2021
Mechanical fibre	0	0	0
Chemical pulp	553	591	611
Other fibre	4	3	3
Total	557	594	614
Paper, paperboard and cardboard	882	893	901

Source: Association of Czech Pulp and Paper Industry

8 ABBREVIATIONS

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

9 CONTACTS TO SELECTED FORESTRY ORGANISATIONS IN THE CZECH REPUBLIC

Ministry of Agriculture

Těšnov 65/17
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 – Suchbátov
<http://www.fld.czu.cz/>

Mendel University in Brno

Faculty of Forestry and Wood Technology
Zemědělská 3,
602 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)

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500 08 Hradec Králové
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Vojenské lesy a statky ČR, s. p. (Military Forests and Farms, State Enterprise)

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Note

