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## 1 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.

### Forest ownership structure

	Ownership —		rest stands
Ownersnip		(ha)	%
Public fores	ts	1,854,480	70.8
State forest	is	1,406,988	53.74
	LČR	1,157,560	44.22
	Vojenské lesy a statky ČR, s. p. (military forests)	123,214	4.71
- 6  - 1 -  -	Ministry of the Environment (National Parks)	95,472	3.65
of which	Regional forests (secondary schools and other)	2,826	0.11
	Other	26,255	1.00
	Ministry of the Environment (Nature Conservation Agency of the Czech Republic)	1,660	0.06
Municipal fo	prests	447,492	17.09
Private fore	sts	763,427	29.2
Legal perso	ns	93,231	3.56
Forests ow	ned by Churches and other religious entities	142,444	5.44
Forest coop	peratives and associations	31,563	1.21
Forests ow	Forests owned by individuals		18.95
Other fore	Other forests (not listed elsewhere)		0.00
Total		2,617,907	100.00





### 2 FOREST SECTOR OVERVIEW

### 2.1 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 Czech Forestry Institute (hereinafter referred to as the "CFI"), 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 https://mze.gov.cz/public/app/erma2/web.

#### Sources of identified reproductive material

73,913.39 ha of source type "stand" in total 8,557 recognized units and total 665 recognised units of type "seed source" were registered by 31 December 2024.

#### Sources of selected reproductive material

As at 31 December 2024, the registered reduced tree area was 61,061.96 ha of source type "stand" in 5,820 recognised units. Approved stands of phenotype category "A" covered 6,135.87 ha, while the phenotype category "B" represented an area of 54,926.09 ha.

### Sources of qualified reproductive material

Parent trees / clones

As at 31 December 2024, the Register of Recognised Sources of Reproductive Material recorded total 8,228 clones, namely 5,771 clones of conifers and 2,457 clones of broadleaves. The Register comprises clones of total 26 tree species, i.e. 8 conifers and 18 broadleaves.

### Seed orchards

At 31 December 2024, the Register of Recognised Sources of Reproductive Material listed total 139 recognised seed orchards of total 308.74 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 2024, covering an overall area of 20.31 ha.

### 2.2 Forest Nursery Practice

### Licences

The basic prerequisite for handling with forest reproductive material is a respective licence. As at 31 December 2024, the



central register of seed suppliers of the Ministry of Agriculture listed total 690 licence holders, namely 317 individuals and 373 legal persons.

### Area of forest nurseries

On the date of 31 December 2024, the total area of forest nurseries marketing forest reproductive material amounted to 1,621.83 ha, the actual production area covering 1,257.55 ha. In addition to open production areas, the records listed 3.47 ha of glass greenhouses, 25.66 ha of plastic greenhouses and 8.98 ha of hotbeds.

### 2.3 Forest Regeneration and Reforestation

The area of regenerated forest stands was 41 942 ha in 2024, showing slight decrease in comparison with the last year. The area of natural regeneration increased by 2,881 ha compared to 2023. Share of broadleaves of artificial regeneration was stable in the long term. The share slightly decreased in comparison with past years. In 2024 the share was 44.7%.



### Forest regeneration (ha)

Method of regeneration	2000	2010	2015	2020	2022	2023	2024
Artificial	21,867	21,859	18,797	33,671	39,970	35,222	29,494
of which Replanting	4,371	3,087	5,246	3,621	6,082	6,812	7,258
Natural	3,422	5,127	4,749	6,615	10,088	9,566	12,447
Total	25,289	26,986	23,546	40,286	50,058	44,788	41,942

Source: Czech Statistical Office

### 2.4 Timber Harvest

The raw timber harvested in the Czech Republic in 2024 totalled 17.80 million  $m^3$ . Compared to 2023, this was 0.69 million  $m^3$  less. Salvage cutting in 2024 substantially contributed to that volume with its share of 45% and totalled 8 million  $m^3$ .



### Total annual timber harvest

Harvest	Unit	2000	2010	2015	2020	2023	2024
Conifers		12.85	15.07	14.38	34.49	16.60	15.67
Broadleaves	million m <sup>3</sup>	1.59	1.67	1.78	1.26	1.89	2.13
Total		14.44	16.74	16.16	35.75	18.49	17.80
Per capita	m³	1.41	1.59	1.53	3.34	1.71	1.63
Per 1 ha of forest	m <sup>2</sup>	5.48	6.30	6.06	13.35	6.89	6.64

**Note:** Volumes are given in m<sup>3</sup> under bark, minimum top diameter 7 cm.

**Source:** Czech Statistical Office

# 2.5 Certification of Sustainable Forest Management

### **Overview of certified forests**

O	PEFC	FSC*	
Ownership	Area of certified for		
State forests	1,357,220	-	
Individuals	68,914	-	
Legal entities	193,242	-	
Municipal forests	173,971	-	
Total	1,793,347	133,600	

**Note:** \* Detailed data by type of ownership are not available for 2024.



# **MAJOR INDICATORS IN TIMBER PRODUCTION**

### **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 2024, the forest land area increased in year-onyear terms by 1,374 ha.

### Changes in forest land area (ha)

Year	2000	2005	2010	2015	2020	2023	2024
Forest land area	2,637,290	2,647,416	2,657,376	2,668,392	2,677,329	2,681,764	2,683,138

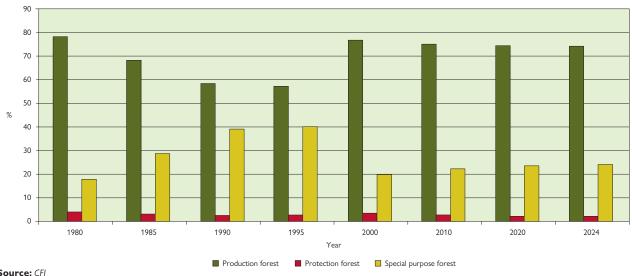
**Source:** Czech Office for Surveying, Mapping and Cadastre



### 3.2 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 (%)





## 3.3 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

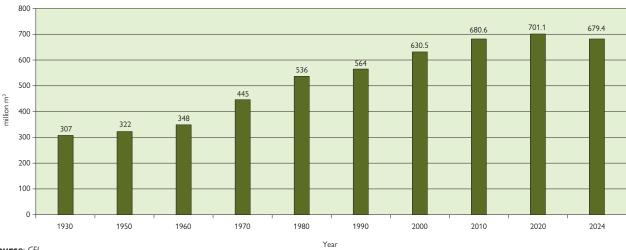
	Year								
Species	2000	2010	2015	2020	2023	2024			
			Timber land	in ha and %					
Norway spruce	1,397,012	1,347,239	1,315,487	1,274,241	1,202,456	1,181,286			
	54.1	51.9	50.6	48.8	46.0	45.1			
Fir	23,138	25,869	28,699	31,429	33,939	34,591			
111	0.9	1.0	1.1	1.2	1.3	1.3			
Pine	453,159	436,308	428,030	419,874	417,505	416,287			
rine	17.6	16.8	16.5	16.1	16.0	15.9			
Larch	97,170	100,761	100,283	100,632	103,194	103,305			
Larcn	3.8	3.9	3.9	3.9	4.0	4.0			
Other coniform	4,586	6,352	7846	10,252	11,695	11,994			
Other conifers	0.2	0.2	0.3	0.4	0.5	0.5			
Total conifers	1,975,065	1,916,529	1,880,344	1,836,427	1,768,789	1,747,462			
Total Conners	76.5	73.9	72.3	70.4	67.7	66.8			
Oak	163,761	178,466	185,044	195,252	207,485	209,780			
Оак	6.3	6.9	7.1	7.5	7.9	8.0			
Beech	154,791	189,998	211,835	235,755	257,083	262,057			
Беесп	6.0	7.3	8.2	9.0	9.8	10.0			
Birch	74,560	72,264	71,796	72,744	76,272	77,694			
DITCH	2.9	2.8	2.8	2.8	2.9	3.0			
Other broadleaves	183,696	209,559	219,207	230,856	244,037	250,016			
Other broadleaves	7.1	8.1	8.4	8.9	9.3	9.6			
Total broadleaves	576,808	650,287	687,882	734,606	784,877	799,547			
Total broadleaves	22.3	25.1	26.5	28.2	30.1	30.5			
Total excl.	2,551,873	2,566,816	2,568,227	2,571,033	2,553,665	2,547,009			
unstocked areas	98.8	98.9	98.8	98.5	97.8	97.3			

### 3.4 Growing Stock and Increments

Overall trends were stable until 2019, current state has been influenced by climate change and a high increase in calamity clear-cuts. In 2024 the growing stock volume decreased. Large

calamity originated clear-cuts appear. The average growing stock per ha of forest land is 259.52 m<sup>3</sup>.

### Development of growing stock volume



Source: CFI

### Total mean and total current annual increment

	Year								
Increment	1950*	1970	1980	1990	2000	2010	2020	2024	
million m <sup>3</sup> u.b. annually									
Total mean	9.0	13.5	16.0	16.3	16.8	17.7	18.2	18.2	
Total current	9.2	14.8	17.1	17.0	19.8	21.2	22.4	21.9	
			m <sup>3</sup>	u.b. per ha of t	imber land annu	ally			
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	8.5	

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





### 4 FORESTRY SECTOR ECONOMY

# 4.1 State Budget Funds for the Forestry Sector

# Governmental Financial Obligations Subject to the Forest Act

In 2024, the state allocated total CZK 333.9 million under the obligations determined by the Forest Act. CZK 209.9 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 358,388 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 27.4 million and provided for management guidelines for total 33,247 ha of forest land. The data stated above apply to forest management guidelines valid from 1 January 2025. An amount of CZK 96.6 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 0.9 km in length, and to build or repair water reservoirs of total water retention capacity of 128 thousand m<sup>3</sup>.

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

Activities	2021	2022	2023	2024
Soil-improving and stabilising species	1.3	0.1	0.0	0.0
Licensed forest managers	209.6	209.2	209.8	209.9
Forest management guidelines	21.9	24.7	29.1	27.4
Soil improvement and torrent control	74.1	104.5	124.6	96.6
Total	307.0	338.5	363.5	333.9

**Source:** Ministry of Agriculture of the CR

### **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	2021	2022	2023	2024
Aerial liming and fertilisation	16.3	0.0	0.0	0.0
Aerial fire control services	7.6	7.6	39.1	21.7
Large-scale measures in forest protection	0.4	1.8	1.7	1.9
Consultancy	38.8	40.0	42.1	45.2
Other services	0.0	0.0	0.0	0.0
Total	63.4	49.4	82.9	68.8

**Source:** Ministry of Agriculture of the CR

### **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	2021	2022	2023	2024
	Municipal	255.6	311.1	553.3	426.0
Regeneration, establishment and tending of stands until 40 years	State	346.0	1,265.6	1,352.2	432.5
of the stands	Other	803.5	828.9	1,679.7	1,186.8
Regeneration, establishment and tending of stands until 40 years of the stands  Green and environmentally friendly technologies  Subsidies to users of hunting grounds  Elaboration of forest management plans	Total	1,405.2	2,405.7	3,585.2	2,045.4
	Municipal	31.1	20.2	56.3	50.8
	State	2.1	0.0	0.0	1.9
Green and environmentally friendly technologies	Other	147.6	93.4	276.3	208.2
	Total	180.8	113.6	332.6	260.9
	Municipal	0.2	0.1	0.4	0.1
Subsidies to users of hunting grounds	State	4.8	1.5	13.1	1.3
	Other	71.2	15.1	132.5	20.2
	Total	76.1	16.6	146.0	21.6
	Municipal	6.7	6.2	11.5	6.0
The continue of forces to recommend above	State	0.0	0.0	1.7	0.0
Elaboration of forest management plans	Other	5.9	9.5	28.7	13.8
Elaboration of forest management plans	Total	12.6	15.7	41.9	19.8
	Municipal	8.9	6.5	4.3	4.6
Breeding and training of national hunting dog breeds and hunting	State	10.1	0.0	0.0	0.0
birds of prey	Other	97.2	89.5	87.4	113.9
	Total	116.3	96.0	91.7	118.5
	Municipal	0.0	0.0	0.0	0.0
Forest pretention	State	0.0	0.0	0.0	0.0
Forest protection	Other	2.8	0.2	4.0	0.7
	Total	2.8	0.2	4.0	0.7
	Municipal	302.5	344.2	625.8	487.5
Total subsidies	State	363.1	1,267.1	1,367.0	435.8
Total subsidies	Other	1,128.3	1,036.6	2,208.6	1,543.7
	Total	1,793.8	2,647.8	4,201.4	2,466.9

 $\textbf{Source:} \ \textit{Ministry of Agriculture of the CR}$ 



### 5 TIMBER MARKET

### 5.1 Domestic Timber Market

The total timber supplies experienced a year-on-year decrease by 686 thousand m³ amounting to 17,807 thousand m³, while softwood supplies represented 15,674 thousand m³ and hardwood supplies totalled 2,133 thousand m³.

### Timber supplies (1,000 m<sup>3</sup>)

Supplied assortments (excl. imports)		2022	2023	2024
Roundwood <sup>x)</sup>		14,635	10,333	9,502
of which	Softwood	14,019	9,723	8,822
of which	Hardwood	616	610	680
Pulpwood xx)		6,070	5,186	5,056
-fl-:-l-	Softwood	5,421	4,533	4,321
of which	Hardwood	649	653	735
Fuelwood		4,405	2,974	3,249
of which	Softwood	3,610	2,344	2,531
of which	Hardwood	795	630	718
Total timber supplies		25,110	18,493	17,807
of which	Softwood	23,050	16,600	15,674
of which	Hardwood	2,060	1,893	2,133

Note:  $^{\times)}$  Including pole and mine timber.  $^{\times\times)}$  Including groundwood.

The volumes of logging residues and chips approximately 2.9 million  $m^3$  in 2022, 2.5 million  $m^3$  in 2023 and 2.6 million  $m^3$  in 2024 are not included in the total supplies of roundwood.

**Source:** Czech Statistical Office, Ministry of Agriculture of the CR

### Timber exports and imports (1,000 m<sup>3</sup>)

Assortment		Exports	Imports
Softwood round	Softwood roundwood and pulp		2,255
	Spruce	2,535	1,871
of which	Pine	388	361
	Other	234	23
Hardwood roun	Hardwood roundwood and pulp		109
	Oak	110	34
	Beech	236	58
of which	Poplar	4	5
	Birch	127	1
	Other		11
Coniferous fuel		15	2
Broadleaves fuel		7	5
Total		3,717	2,371

**Source:** Ministry of Agriculture of the CR



### 5.2 Timber Export and Import

### Timber exports and imports

	Exports	Imports	Balance	Exports	Imports	Balance	Exports	Imports
	CZK million <sup>1)</sup>		1,000 m <sup>3 2)</sup>			Averag CZk		
Total	9,248	5,368	3,880	3,717	2,371	1,346	2,488	2,264
of which								
EU27	8,607	5,074	3,533	3,576	2,297	1,279	2,407	2,209
Germany	1,407	1,512	-105	566	762	-196	2,486	1,984
Austria	5,638	164	5,474	2,373	65	2,308	2,376	2,523
Slovakia	870	1648	,-778	330	713	-383	2,636	2,311
Poland	419	1,419	-1,000	233	722	-489	1,798	1,965

 $\textbf{Source:} \ ^{1)} \textit{Czech Statistical Office,} \ ^{2)} \textit{Ministry of Agriculture of the CR}$ 

### 6 OTHER FOREST-BASED ACTIVITIES AND SECTORS

### 6.1 Game Management

In 2024, the country registered 5,766 hunting grounds under game management with their total area of 6,885,394 ha. These comprised 195 game preserves of total 49,033 ha and 282 pheasantries of total 87,750 ha.

### Hunting of main game species (pcs)

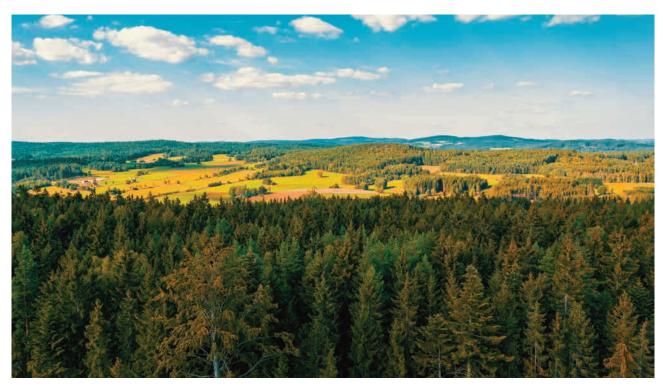
Game species	2020	2021	2022	2023	2024
Red Deer	29,863	30,808	32,899	35,786	35,005
Fallow Deer	31,057	33,312	38,691	45,391	50,269
Mouflon	10,791	10,263	10,533	11,428	11,285
Roe Deer	105,665	107,471	114,139,	124,899	137,434
Wild Boar	161,699	231,694	178,461	258,847	194,107
Duck	206,979	208,899	221,447	201,665	197,073
Pheasant	331,667	359,746	378,473	372,225	369,226
Hare	32,360	29,257	33,859	40,921	36,703

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

### Spring stocks of main game species (pcs)

Game species	2020	2021	2022	2023	2024
Red Deer	31,039	31,916	31,784	32,839	32,209
Fallow Deer	39,058	41,663	42,452	46,914	47,659
Mouflon	22,138	22,730	22,029	23,067	22,631
Roe Deer	292,311	293,565	295,327	298,635	298,347
Wild Boar	59,086	62,676	61,915	67,462	67,498

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



# 6.2 Timber Processing Industry

The total log breakdown in the Czech Republic reached the volume of 7.840 million  $m^3$  of softwood and hardwood roundwood, which was used to produce 4.555 million  $m^3$  of softwood sawn wood and 0.177 million  $m^3$  of hardwood sawn wood.

Log breakdown and sawn wood production (1,000 m<sup>3</sup>)

	2022	2023	2024
Log breakdown	8,450	7,400	7,840
Sawn wood production	4,942	4,421	4,732

**Source:** Ministry of Agriculture of the CR



### Market with timber products (1,000 m<sup>3</sup>)

Product	Year	Production	Import	Export	Consumption
	2022	4,720	583	2,338	2,965
Softwood timber	2023	4,201	448	1,677	2,972
	2024	4,555	456	1,789	3,222
	2022	222	136	34	324
Hardwood timber	2023	220	50	10	260
	2024	177	46	7	216
	2022	28	58	58	28
Veneers	2023	27	17	18	26
	2024	28	16	19	25
	2022	240	230	277	193
Plywood	2023	230	217	299	148
	2024	240	115	263	92
	2022	1,651	656	1,134	1,173
Chipboards	2023	1,640	404	1,035	1,009
	2024	1,620	422	1,262	780
	2022	41	438	150	329
Fibreboards	2023	40	145	69	116
	2024	40	171	61	150
	2022	709	69	431	347
Wood pellets and other agglomerates	2023	603	275	359	519
30	2024	605	237	382	460
	2022	1,009	246	366	889
Wood chips	2023	867	106	199	774
	2024	890	188	134	944
	2022	690	210	480	420
Wood residues	2023	593	77	440	230
	2024	570	152	415	307

**Source:** Ministry of Agriculture of the CR

### 6.3 Pulp and Paper Industry

The consumption of softwood timber for pulp production reached 4,637 thousand  $m^3$ , i.e. 3,103 thousand  $m^3$  of softwood pulp and 1,534 thousand  $m^3$  of softwood chips and particles. The pulp and paper industry produced total 601 thousand tons of pulp in 2024, chemical pulp representing 598 thousand tons.

### Consumption of wood for pulp production (1,000 m<sup>3</sup>)

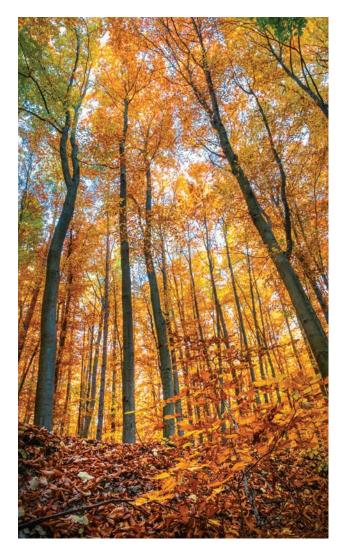
The boundary	Consumption				
Timber assortment	2022	2023	2024		
Chips and particles	1,568	1,401	1,534		
Pulpwood	2,993	2,803	3,103		
Total	4,561	4,204	4,637		

**Source:** Association of the Czech Pulp and Paper Industry

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

Product	2022	2023	2024
Mechanical fibre	0	0	0
Chemical pulp	637	501	598
Other fibre	3	2	3
Total	640	503	601
Paper, paperboard and cardboard	937	784	889

**Source:** Association of Czech Pulp and Paper Industry





#### **7 ABBREVIATIONS**

EU	European Union
CFI	Czech Forestry Institute
FSC CR	Forest Stewardship Council – Czech Republic
LČR	Forests of the Czech Republic, State Enterprise
PEFC CR	Programme for the Endorsement of Forest Certification Schemes – Czech Republic

# 8 CONTACTS TO SELECTED FORESTRY ORGANISATIONS IN THE CZECH REPUBLIC

### Ministry of Agriculture of the Czech Republic

info@mze.gov.cz www.mze.gov.cz

## Ministry of the Environment of the Czech Republic

info@mzp.gov.cz www.mzp.gov.cz

### **Czech Forestry Institute**

podatelna@nli.gov.cz nli.gov.cz

### Forestry and Game Management Research Institute

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

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Notes	

Information on Forests and Forestry in the Czech Republic by 2024 \_

