

12. What is the forest area intended to be in permanent forest land use and how has it changed over time?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

12.1 Categories and definitions

Category	Definition
Forest area intended to be in permanent forest land use	Forest area that is designated or expected to be retained as forest and is highly unlikely to be converted to other land use.
...of which permanent forest estate (<i>sub-category</i>)	Forest area that is designated by law or regulation to be retained as forest and may not be converted to other land use.

12.2 National data

12.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	Czech Statistical Office (www.czso.cz)	forest area	2010	N/A
2	Forest act (289/1995 Coll.)	permanent forest land	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

12.2.2 Classification and definitions

National class	Definition
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

12.2.3 Original data

--

12.3 Analysis and processing of national data

12.3.1 Adjustment

--

12.3.2 Estimation and forecasting



--

12.3.3 Reclassification

--

12.4 Data

Table 12

Categories		Forest area 2010 (000 ha)
	Forest area intended to be in permanent forest land use	2657
	... of which permanent forest estate	2657

Tiers

Category	Tier for status
Forest area intended to be in permanent forest land use	Tier 3
Permanent forest estate	Tier 3

Tier Criteria

Category	Tier for status
Forest area intended to be in permanent forest land use	Tier 3 : National or sub-national land use plans strategy documents or other reports within the past 10 years Tier 2 : National or sub-national land use plans strategy documents or other reports within the past 20 years Tier 1 : Other
Permanent forest estate	Tier 3 : National or sub-national land use plans strategy documents or other reports within the past 10 years Tier 2 : National or sub-national land use plans strategy documents or other reports within the past 20 years Tier 1 : Other

12.5 Comments

Category	Comments related to data definitions etc
Forest area intended to be in permanent forest land use	Once the parcel is declared as a forest it has to be reforested after harvest according to forest act. Exceptions of changing forest to other land use are possible according to forest act, but are subject to approval by relevant authorities
Permanent forest estate	N/A

Other general comments

--

13. How does your country measure and report progress towards SFM at the national level?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

13.1 Categories and definitions

Category	Definition
Forest area monitored under a national forest monitoring framework	Forest area monitored by a national monitoring framework or systems that provide measurement based periodic monitoring of forest extent and quality.
Forest reporting at national scale	National reporting of forest extent and characteristics that includes some measure of progress toward sustainable forest management.

13.2 National data

13.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	National forest inventory, Forest management institute	forest inventory	2001-2004	http://www.uhul.cz/images/nil/NIL_CR_2001-2004_NFI_CZ 2001-2004
2	Forest management plans and guidelines	other field assessment	ongoing	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

13.2.2 Classification and definitions

National class	Definition
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

13.3 Data

Table 13a

Category	% of total forest area	Most recent year	Check all boxes that apply					
			Continuous	Periodic	Permanent ground plots	Temporary ground plots	Aerial/remote sensing sample based	Aerial/remote sensing full coverage
Forest inventory	100	2004	no	yes	yes	no	no	yes
Other field assessments	100	2012	yes	yes	no	no	no	yes
Updates to other sources	N/A	N/A						
Expert estimate	N/A	N/A						

Table 13b

Type of forest reporting used at national scale	Check boxes that apply
1 Criteria and Indicators reporting	yes
2 Periodic national state of the forest report	yes
3 Other (please document)	
4 None	

Other type of forest reporting

N/A

13.4 Comments

Category	Comments
Forest inventory	Currently second period of national forest inventory is going on with results expected at 2015. There is a recommendation of Coordination council for implementation of NFP II to shift from periodic to continuous national forest inventory
Other field assessments	It is obligatory according to forest act to prepare Forest management plan for all forest properties above 50ha, for smaller properties simpler form of FMP called forest management guidelines is developed. Usually FMP or guidelines are renewed every 10 years with full field survey. Guidelines are stored in forestry information data center at Forest management institute together with major part of forest management plans. This way monitoring at stand level is carried out.
N/A	N/A

Other general comments

--

14. What is the area of forest under a forest management plan and how is this monitored?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

14.1 Categories and definitions

Category	Definition
Forest area with management plan	Forest area that has a long-term documented management plan, aiming at defined management goals which is periodically revised
...of which for production (<i>sub-category</i>)	Forest management plan mainly focused on production
...of which for conservation (<i>sub-category</i>)	Forest management plan mainly focused on conservation
Monitoring of forest management plans	Government monitoring of forest management plan implementation conducted through field visits or audits of forest management plan performance

14.2 National data

14.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	Souhrnný lesní hospodářský plán, SLHP (Summary of the Forest Management Plans), Forest Management Institute, Brandýs n. l.,	Forest area with management plan	1978-2012	N/A
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

14.3 Data

Table 14a

Forest plan type	Forest area 2010 (000 ha)
Forest area with management plan	2657
... of which for production	N/A
... of which for conservation	N/A

Table 14b

Indicate which (if any) of the following are required in forest management plans in your country

1 Soil and water management	yes
2 High conservation value forest delineation	yes
3 Social considerations community involvement	yes

Table 14c

Percent of area under forest management plan that is monitored annually	100
--	------------

Tiers

Category	Tier for status
Forest area with management plan	Tier 3
Percent of area under forest management plan that is monitored annually	Tier 3

Tier criteria

Category	Tier for status
Forest area with management plan	Tier 3 : Reports that describe national records 5 years old or less that contain long-term forest monitoring plans Tier 2 : Industry or other records indicating the presence of a long-term forest management plan Tier 1 : Other
Percent of area under forest management plan that is monitored annually	Tier 3 : Government documentation of monitoring extent Tier 2 : Reports from forest managers or other documental sources Tier 1 : Other

14.4 Comments

Category	Comments
Forest area with management plan	As described in 13.4, it is obligatory according to forest act to prepare Forest management plan for all forest properties above 50ha, for smaller properties simpler form of FMP called forest management guidelines is developed.
Soil and water management High conservation value forest delineation Social considerations/community involvement	According to forest act, each legal or private person, whose rights or duties might be influenced by forest management plans as well as state administration may raise its requirements and comments during preparation of forest management plan or guidelines.
Percent of area under forest management plan that is monitored annually	Usually forest management plans and guidelines are renewed every 10 years, so approximately 1/10 is renewed each year. Approval of forest management plan includes field verification. State forest authority is controlling the state of forests in their respective jurisdiction, so 100% is monitored. Apart from this - forest owners have to use the service of licensed forest manager according to forest act, this forest manager monitors forest continuously.

Other general comments

--

15. How are stakeholders involved in the management decision making for publicly owned forests?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

15.1 Categories and definitions

Category	Definition
Stakeholder involvement	Stakeholder involvement is defined as significant inputs into at least one aspect of forest management at the operational scale

Table 15

Please indicate the type of stakeholder involvement in forest management decision making required in your country	
1. Planning phase	yes
2. Operations phase	no
3. Review of operations	no

Tiers

Category	Tier for status
Type of stakeholder inputs	Tier 3

Tier criteria

Category	Tier for status
Type of stakeholder inputs	Tier 3 : Government (national or sub-national) documentation of stakeholder inputs Tier 2 : Government (national or subnational) requirement but stakeholder inputs not documented Tier 1 : Other

15.2 Comments

Category	Comments
Planning phase	According to forest act, each legal or private person, whose rights or duties might be influenced by forest management plans as well as state administration may raise its requirements and comments during preparation of forest management plan or guidelines.
N/A	N/A
N/A	N/A

Other general comments

--

16. What is the area of forest under an independently verified forest certification scheme?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

16.1 Categories and definitions

Category	Definition
FSC certification	Forest area certified under the Forest Stewardship Council certification scheme
PEFC certification	Forest area certified under the Programme for the Endorsement of Forest Certification scheme
Other international forest management certification	Forest area certified under an international forest management certification scheme with published standards and is independently verified by a third-party, excluding FSC and PEFC certification.
Certified forest area using a domestic forest management certification scheme	Area certified under a forest management certification scheme with published standards that are nationally recognized and independently verified by a thirdparty

16.2 Data

Table 16a













International forest management certification		Forest area (000 ha)						
		2000	2001	2002	2003	2004	2005	2006
	FSC	11.34	11.34	11.34	11.34	14.13	26.17	33.88
	PEFC	0	0	1789	1909.747	1935.998	1957.051	1975.904
	Other	0	0	0	0	0	0	0
		2007	2008	2009	2010	2011	2012	
	FSC	14.55	109.16	53.28	40.71	49.88	50.18	
	PEFC	1874.305	1880.361	1824.118	1856.381	1856.381	1827.326	
	Other	0	0	0	0	0	0	

Table 16b

Domestic forest management certification		Forest area (000 ha)						
		2000	2001	2002	2003	2004	2005	2006
	N/A	0	0	0	0	0	0	0
	N/A	0	0	0	0	0	0	0
	N/A	0	0	0	0	0	0	0

		2007	2008	2009	2010	2011	2012	
		0	0	0	0	0	0	
		0	0	0	0	0	0	
		0	0	0	0	0	0	

Tier criteria

Category	Tier for status
International forest management certification	Tier 3: International forest management scheme records maintained by the certifying organization for the reporting year Tier 2: International forest management scheme records reported by the certifying organization for a period 2 years prior to the reporting year Tier: 1 Other
Domestic forest management certification	Tier 3: National registry reports for domestic forest management certification maintained by the certifying organization for the reporting year Tier 2: Domestic forest management scheme records reported by the certifying organization for a period 2 years prior to the reporting year Tier: 1 Other

Tiers

Category	Tier for status
International forest management certification	Tier 3
Domestic forest management certification	N/A

16.3 Comments

Category	Comments related to data definitions etc
Certified forest area using an international forest management certification scheme	pre-filled FSC data changed by data from local FSC and PEFC authority
Domestic forest management certification	N/A

Other general comments

--

17. How much money do governments collect from and spend on forests?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

17.1 Categories and definitions

Category	Definition
Forest revenue	All government revenue collected from the domestic production and trade of forest products and services. For this purpose revenue include: <ul style="list-style-type: none"> • <u>Goods</u> : roundwood; sawnwood; biomass; woodbased panels; pulp and paper and non-wood forest products. • <u>Services</u> : including concession fees and royalties, stumpage payments, public timber sales revenue taxes and charges based on forest area or yield, taxes on domestic trade and export of forest products, special levies on forestry activities and payments into forest related funds, other miscellaneous inspection, licence and administrative fees levied by forest administrations, permit and licence fees for recreation and other forest related activities.
Public expenditure on forestry	All government expenditure on forest related activities.

17.2 National data

17.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

17.3 Data

Table 17

Category	Revenues / expenditures (000 local currency)		
	2000	2005	2010
Forest revenue	N/A	N/A	N/A
Public expenditure on forestry	N/A	N/A	N/A
	2000	2005	2010
Name of Local Currency	CZK – Czech Koruna	N/A	N/A

17.4 Comments

Category	Comments related to data definitions etc
Forest revenue	no complete data available
Public expenditure on forestry	no complete data available
Other general comments	N/A

Other general comments

--

18. Who owns and manages the forests and how has this changed?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

18.1 Categories and definitions

Category	Definition
Public ownership	Forest owned by the State or administrative units of the public administration or by institutions or corporations owned by the public administration.
...of which owned by the state at national scale (<i>sub-category</i>)	Forest owned by the State at the national scale or administrative units of the public administration or by institutions or corporations owned by the public administration.
...of which owned by the state at the sub-national government scale (<i>sub-category</i>)	Forest owned by the State at the sub-national government scale or administrative units of the public administration or by institutions or corporations owned by the public administration.
Private ownership	Forest owned by individuals, families, communities, private cooperatives corporations and other business entities, private, religious and educational institutions, pension or investment funds, NGOs, nature conservation associations and other private institutions.
...of which individuals (<i>sub-category</i>)	Forest owned by individuals and families.
...of which private business entities and institutions (<i>sub-category</i>)	Forest owned by private corporations cooperatives companies and other business entities as well as private nonprofit organizations such as NGOs nature conservation associations, and private religious and educational institutions etc.
...of which local tribal and indigenous communities (<i>sub-category</i>)	Forest owned by a group of individuals belonging to the same community residing within or in the vicinity of a forest area or forest owned by communities of indigenous or tribal people The community members are coowners that share exclusive rights and duties and benefits contribute to the community development.
Unknown ownership	Forest area where ownership is unknown includes areas where ownership is unclear or disputed.
Categories related to management rights of public forests	Definition
Public Administration	The Public Administration (or institutions or corporations owned by the Public Administration) retains management rights and responsibilities within the limits specified by the legislation.
Individuals households	Forest management rights and responsibilities are transferred from the Public Administration to individuals or households through long-term leases or management agreements.
Private companies	Forest management rights and responsibilities are transferred from the Public Administration to corporations, other business entities private cooperatives, private nonprofit institutions and associations, etc., through long-term leases or management agreements.
Communities	Forest management rights and responsibilities are transferred from the Public Administration to local communities (including indigenous and tribal communities) through long-term leases or management agreements.
Other form of management rights	Forests for which the transfer of management rights does not belong to any of the categories mentioned above.

18.2 National data

18.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	Annual report on the state of forests and forestry, Ministry of agriculture, Prague	forest ownership	annually	N/A
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

18.2.2 Classification and definitions

National class	Definition
State	Forest owned by the State (national, state and regional governments) or government-owned institutions or corporations
Municipalities	forest owned by cities, towns, municipalities, communities and villages.
Regions	Forest owned by regional government
Church	Forest owned by churches
Forest cooperatives	forest owned by individuals joined in co-operatives or similar organisations
private	Forest owned by individuals
Corporate bodies	Forest owned by corporations
JZD - agriculture cooperatives	Forest owned by former agriculture co-operatives

18.2.3 Original data

National class	1990	2000	2001	2002	2003	2004	2005
	%						
State	95.8	63.1	61.5	60.7	60.5	60	59.8
Municipalities	0	13.6	14.4	15	15.1	15.4	15.5
Regions			0.2	0.2	0.2	0.2	0.2

Church							
Forest cooperatives	0	0.9	0.9	1	1	1	1
Other private	0.1	22.4	23	23.1	23.2	23.4	23.5
Agriculture cooperatives	4.1	0	0	0	0	0	0

Rem.: there was a significant change in methodology of reporting starting in 2006 data. Previous dataset is not continued

kód	description	rok 2010
1x	State forests	1 559 522,15
10	L#R, s. p. <i>Forests of the Czech Republic, State Enterprise</i>	1 308 806,17
11	Vojenské lesy a statky #R, s. p. <i>Military Forests and Farms, State Enterprise</i>	124 306,12
12	MŽP (NP) <i>Ministry of the Environment (National Parks)</i>	94 880,13
13	krajské lesy (st#ední školy aj.) <i>regional forests (secondary schools and other)</i>	3 794,02
14	ostatní <i>other</i>	22 522,06
15	MŽP (AOPK) <i>Ministry of the Environment (Nature Conservation Agency)</i>	1 177,80
19	p#vodní státní (*) <i>originally state forests (*)</i>	4 035,85

30	Právnícké osoby <i>Legal persons</i>	68 519,21
40	Obecní a městské lesy <i>Communal and municipal forests</i>	429 336,82
50	Lesy církevní a náboženské společnosti <i>Forests owned by church and other religious entities</i>	1 391,75
60	Lesní družstva <i>Forest cooperatives</i>	30 605,52
70	Lesy ve vlastnictví fyzických osob <i>Forest owned by individuals</i>	505 560,17
90	Ostatní (nezařazené) lesy <i>Other forests(not listed elsewhere)</i>	2,40
	CELKEM <i>Total timberland</i>	2 594 938,03
	Total forests	2 657 376,00

(*) original large FMPs owned by state – validity from 1981–1996, partly from 1997; private owners and municipalities manage their forests under an abstract from FMP and will have new FMPs upon their renewal.

18.3 Analysis and processing of national data

18.3.1 Adjustment

all the data reported on timberland were recalculated to whole forest area







18.3.2 Estimation and forecasting



18.3.3 Reclassification

Owner - national	FRA	
State	of which owned by the state at national scale	Public ownership
Municipalities	...of which owned by the state at the sub-national government scale	
Regions		
Forest cooperatives	Private business entities and institutions	Private ownership
Corporate bodies		
Agriculture cooperatives		
Individuals	Individuals	

18.4 Data

Table 18a

Categories		Forest area (1000 hectares)			
		1990	2000	2005	2010
	Public ownership	2519	2031	2007	2036
	... of which owned by the state at national scale	2519	1672	1591	1592
	... of which owned by the state at the sub-national government scale	0	359	416	444
	Private ownership	110	606	640	621
	... of which owned by individuals	N/A	N/A	N/A	518
	... of which owned by private business entities and institutions	N/A	N/A	N/A	103

	... of which owned by local, tribal and indigenous communities	0	0	0	0
	Unknown ownership	0	0	0	0
TOTAL		2629.00	2637.00	2647.00	2657.00

Tiers

Category	Tier for status	Tier for reported trend
Public ownership	Tier 3	Tier 3
Private ownership	Tier 3	Tier 3
Unknown ownership	Tier 3	Tier 3

Tier criteria

Category	Tier for status	Tier for reported trend
Ownership	Tier 3: National forestry statistics registers of land titles or maps on land ownership or all forest area under one ownership category that is five years old or less. Tier 2: National forestry statistics registers of land titles or maps on land ownership or questionnaires that are more than five years old. Tier 1: Other	Tier 3 : Estimate based on repeated compatible tiers 3 (tier for status) Tier 2 : Estimate based on repeated compatible tier 2 or combination tier 3 and 2 or 1 (tier for status) Tier 1 : Other

Table 18b - Holder of management rights of public forests

Categories	Forest area (000 hectares)			
	1990	2000	2005	2010
Public Administration	2519	2031	2007	2036
Individuals	0	0	0	0
Private companies	0	0	0	0
Communities	0	0	0	0
Other	0	0	0	0
TOTAL	2519.00	2031.00	2007.00	2036.00

Category	Tier for reported trend	Tier for status
Public Administration	Tier 3	Tier 3

Individuals	Tier 3	Tier 3
Private companies	Tier 3	Tier 3
Communities	Tier 3	Tier 3
Other	Tier 3	Tier 3

18.5 Comments

Category	Comments related to data definitions etc	Comments on the reported trend
Public ownership	Forests owned by municipalities are included in public ownership	N/A
Private ownership	N/A	The restitution process started in 1991 is almost finished. The restitution of forests that belonged originally to churches and religious orders is ongoing
Unknown ownership	N/A	N/A
Management rights	state enterprises established to manage state forests are considered as Public administration	N/A

Other general comments to the table

N/A

19. How many people are directly employed in forestry?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

19.1 Categories and definitions

Category	Definition
Full-time equivalents (FTE)	A measurement equal to one person working full-time during a specified reference period.
Employment in forestry	Employment in activities related to production of goods derived from forests. This category corresponds to the ISIC/NACE Rev. 4 activity A02 (Forestry and logging).

19.2 National data

19.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	Czech statistical office	employment	1990-2011	issued annually
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

19.2.2 Classification and definitions

National class	Definition
Employment in forestry sector	Persons in primary production and services.
Persons in services	Managers of all levels, forestry service institutions, forest management planning
N/A	N/A
N/A	N/A

19.2.3 Original data



Number of employees in forestry sector													
Year	1990	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011

Total forestry employees	57 700	32 264	29 804	26 968	24 893	23 996	21 835	20 342	19 398	17 959	16 041	15 150	14 138
Full-time equivalents	55 412	30 758	28 437	25 702	22 782	22 982	21 069	19 853	18 811	17 294	15 532	14 766	13 820
ratio	1,041	1,049	1,048	1,049	1,093	1,044	1,036	1,025	1,031	1,038	1,033	1,026	1,023

Full time equivalent for 1990 is not known, therefore an average of full-time equivalent to employees ratio from 2000 to 2011 was used to recalculate 1990 figure

19.3 Data

Table 19

Category		Employment (000 years FTE)			
		1990	2000	2005	2010
	Employment in forestry	55.4	30.8	21.1	14.8
	... of which female	N/A	N/A	N/A	N/A

19.4 Comments

Category	Comments related to data definitions etc	Comments on the reported trend
Employment in forestry	this figure relates to employed only. Self-employed are not included as data is not available.	N/A

Other general comments to the table
N/A

20. What is the contribution of forestry to Gross Domestic Product (GDP)?

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

20.1 Categories and definitions

Category	Definition
Gross value added from forestry (at basic prices)	This category corresponds to the ISIC/NACE Rev. 4 activity A02 (Forestry and logging).

20.2 Data

Table 20 (Pre-filled data from UNdata/EUROSTAT)

Category	Million	Currency	Year for latest available information
Gross value added from forestry (at basic prices)	25714	Czech koruna	2011

20.3 Comments

Category	Comments
GVA	source - Czech statistical office www.czso.cz

Other general comments

--

21. What is forest area likely to be in the future

Documents for this question:

- [Guide for country reporting FRA 2015](#)
- [FRA 2015 Terms and Definitions](#)

21.1 Categories and definitions

Category	Definition
Government target/aspiration for forest area	Government target/aspiration for forest area for a specific year.
Forests earmarked for conversion	Forest area that is allocated/classified or scheduled to be converted into non-forest uses.

21.2 National data

21.2.1 Data sources

	References to sources of information	Variables	Years	Additional comments
1	N/A	N/A	N/A	N/A
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A

21.3 Data

Table 21a

Category	Forest area (000 ha)	
	2020	2030
Government target/aspiration for forest area	N/A	N/A

Table 21b

Category	Forest area (000 ha)
	2013
Forests earmarked for conversion	N/A

21.4 Comments

Category	Comments
----------	----------

Government target/aspiration for forest area	Particular long-term overall target is not set. At the moment only a target for afforestation measure under Rural development program 2007-2013 is set.
Forests earmarked for conversion	N/A

Other general comments

--