



Food and Agriculture  
Organization of the  
United Nations

# Global Forest Resources Assessment 2020

Report

**Northern Mariana Islands**

Rome, 2020



FAO has been monitoring the world's forests at 5 to 10 year intervals since 1946. The Global Forest Resources Assessments (FRA) are now produced every five years in an attempt to provide a consistent approach to describing the world's forests and how they are changing. The FRA is a country-driven process and the assessments are based on reports prepared by officially nominated National Correspondents. If a report is not available, the FRA Secretariat prepares a desk study using earlier reports, existing information and/or remote sensing based analysis.

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# Introduction

## Report preparation and contact persons

The present report was prepared by the following person(s)

Name	Role	Email	Tables
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## Introductory text

Place an introductory text on the content of this report

# 1 Forest extent, characteristics and changes

## 1a Extent of forest and other wooded land

### National Data

#### Data sources + type of data source eg NFI, etc

Data From US Forest Service Forest Inventory & Analysis Program (FIA) for nominal year 2015, as reported by Oswalt, S. in "Forest Resources of the United States, 2017"

)available at [https://www.fs.fed.us/research/publications/gtr/gtr\\_wo97.pdf](https://www.fs.fed.us/research/publications/gtr/gtr_wo97.pdf) p.209)

Before 2015:

Liu, Z., Fischer, L. 2006. Commonwealth of the Northern Mariana Islands Vegetation Mapping Using Very High Resolution Imagery: Methodology. U.S. Department of Agriculture, Forest Service, Pacific Southwest Region, Forest Health Protection. URL: <a href="http://www.fs.fed.us/r5/spf/fhp/fhm/landcover/islands/index.shtml">http://www.fs.fed.us/r5/spf/fhp/fhm/landcover/islands/index.shtml</a>	Land cover	2005	Data and methods available on the web site. Imagery from two satellite datasets spans 2003-2004. Ground and low altitude aerial attributing and verification conducted in 2005.
Falanruw, M. C., T. G. Cole, and A. H. Ambacher. 1989. Vegetation Survey of Rota, Tinian, and Saipan, Commonwealth of the Northern Mariana Islands. Resource Bulletin PSW-RB-27, USDA Forest Service, Pacific Southwest Forest and Range Experiment Station, Berkeley, CA.	Land cover	1976	Maps derived from interpretation of 1976, 1:8,000 black and white aerial photography. Maps were partially field verified in 1984. Data are considered to be from 1976.

#### National classification and definitions

Forest Area is defined as

Land at least 120 feet (37 meters) wide and at least 1 acre (0.4 hectare) in size with at least 10 percent cover (or equivalent stocking) by live trees including land that formerly had such tree cover and that will be naturally or artificially regenerated. Trees are woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity *in situ*. The definition here includes all areas recently having such conditions and currently regenerating or capable of attaining such condition in the near future. Forest land also includes transition zones, such as areas between forest and nonforest lands that have at least 10 percent cover (or equivalent stocking) with live trees and forest areas adjacent to urban and built-up lands. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if they are less than 120 feet (37 meters) wide or an acre (0.4 hectare) in size. Forest land does not include land that is predominantly under agricultural or urban land use.

**land area**—The area of dry land and land temporarily or partly covered by water, such as marshes, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than 200 feet wide; and lakes, reservoirs, and ponds less than 4.5 acres in area.

#### Original data

Table 50—Caribbean and Pacific Islands population, land area, population per square mile, forest area, percent forest cover and date of latest forest inventory							
Region and island group	Population <sup>a</sup>	Land area	Population per square mile	Forest area	Percent forest cover	Number of field plots	Inventory date
	<i>Persons</i>	<i>Acres</i>	<i>Persons</i>	<i>Acres</i>			
<b>Caribbean:</b>							
Puerto Rico	3,725,789	2,192,325	1,088	1,219,177	56%	506	2014
US Virgin Is.	106,405	82,164	792	46,967	57%	106	2014
<b>Pacific:</b>							
American Samoa	57,663	48,434	762	39,156	81%	20	2012

Guam	173,456	132,230	818	69,851	53%	48	2013
Republic of Palau	21,032	108,227	122	102,130	94%	56	2014
Commonwealth of the Northern Marriana Is.	51,395	74,907	436	60,207	80%	37	2015
Federated States of Micronesia	106,487	161,917	421	143,466	89%	79	2005
Republic of the Marshall Is.	68,480	33,120	1323	23,252	70%	58	2006
Hawaii	1,360,301	4,109,962	210	1,471,180	36%	246	2015
Islands total	5,671,008	6,943,286	523	3,175,386	46%	1,156	

<sup>a</sup> Population figures are from the 2010 U.S. Census.

## Analysis and processing of national data

### Estimation and forecasting

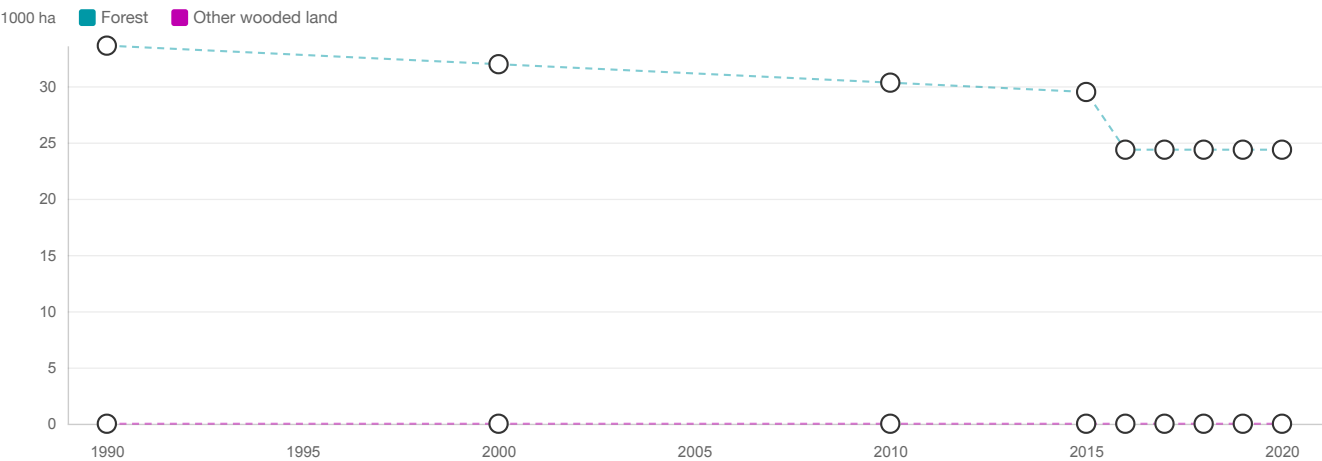
No forecasting was used

### Reclassification into FRA 2020 categories

No reclassification beyond conversion to ha was needed. 1 ac = 0.4047 ha I am not sure why total land area differs between the US reported area and the FRA provided area.

Region and island group	Population <sup>a</sup>	Land area	Population per square mile	Forest area	Percent forest cover	Number of field plots	Inventory date
	Persons	ha	Persons	ha			
Caribbean:							
Puerto Rico	3725789	887233.9275	1088	493400.932	0.5561114	506	2014
US Virgin Is.	106405	33251.7708	792	19007.5449	0.571625	106	2014
Pacific:							
American Samoa	57663	19601.2398	762	15846.4332	0.8084404	20	2012
Guam	173456	53513.47524	818	28268.6997	0.5282539	48	2013
Republic of Palau	21032	43799.50415	122	41332.011	0.9436639	56	2014
Commonwealth of the Northern Marriana Is.	51395	30314.91278	436	24365.7729	0.8037553	37	2015
Federated States of Micronesia	106487	65527.8099	421	58060.6902	0.8860466	79	2005
Republic of the Marshall Is.	68480	13403.664	1323	9410.0844	0.7020531	58	2006
Hawaii	1360301	1663301.621	210	595386.546	0.3579546	246	2015
Islands total	5671008	2809947.926	522.7273	1285078.71	0.4573319	1156	

a Population figures are from the 2010 U.S. Census.





FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	33.61	31.96	30.32	29.49	24.36	24.36	24.36	24.36	24.36
Other wooded land (a)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other land (c-a-b)	12.39	14.04	15.68	16.51	21.64	21.64	21.64	21.64	21.64
Total land area (c)	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00

The FAOSTAT land area figure for the year 2015 is used for all reference years

Climatic domain	% of forest area 2015	Override value
Boreal	0.00	
Temperate	0.00	
Sub-tropical	0.00	
Tropical	100.00	

Comments

The total land area provided by the forest analyst for Micronesia is smaller than the forest area provided by FAO. That will cause differences in the percent forest area when users are looking at US domestic data versus Global FRA data. Please be aware it is possible that land area was either defined differently or derived from different sources.

# 1b Forest characteristics

## National Data

### Data sources + type of data source eg NFI, etc

USDA Forest Service, Forest Inventory and Analysis Program, Thu Feb 14 16:00:19 GMT 2019. Forest Inventory EVALIDator web-application Version 1.8.0.00. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Available only on internet: <http://fsxopsx1056.fdc.fs.usda.gov:9001/Evalidator/evaluator.jsp>]

### National classification and definitions

Stand origin. Method of stand regeneration for the trees in the condition. An artificially regenerated stand is established by planting or artificial seeding. Populated for all forest annual plots, all forest periodic plots, and all NCRS periodic plots that were measured as "nonforest with trees" (e.g., wooded pasture, windbreaks). The stand origin is either "Natural" or "Clear evidence of artificial regeneration"

### Original data

Estimate:

	Ownership class		
Stand origin	Total	State	Private
Total	60,207	45,588	14,619
Natural stands	60,207	45,588	14,619

## Analysis and processing of national data

### Estimation and forecasting

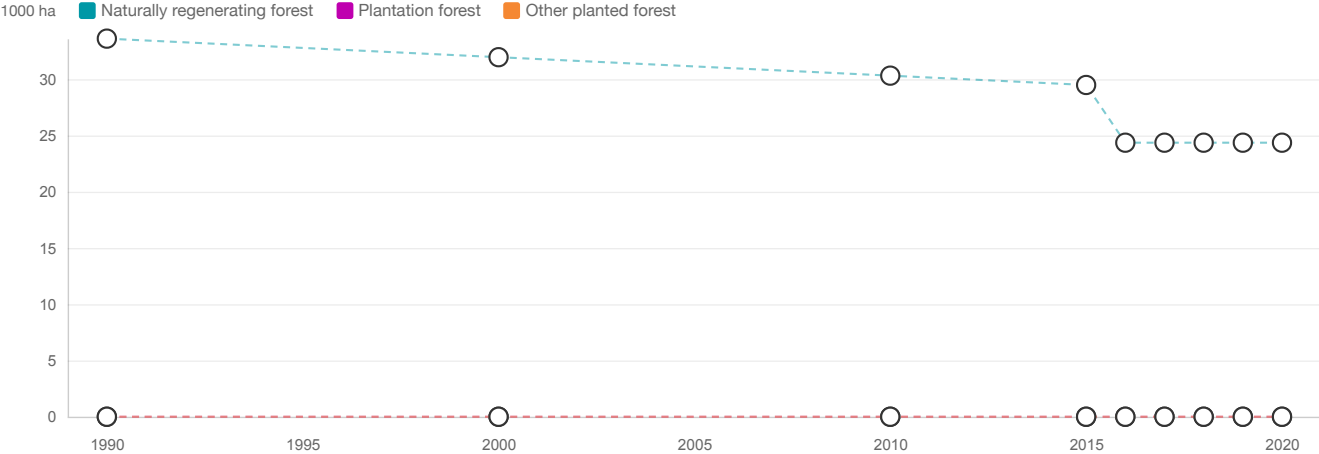
no forecasting was used

Estimation:

Bechtold, W.A.; Patterson, P.L., eds. 2005. The Enhanced Forest Inventory and Analysis Program - National Sampling Design and Estimation Procedures. Gen. Tech. Rep. SRS - 80. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 85 p.

### Reclassification into FRA 2020 categories

1 ac = 0.4047 ha



FRA categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest (a)	33.61	31.96	30.32	29.49	24.36	24.36	24.36	24.36	24.36
<b>Planted forest (b)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Plantation forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
...of which introduced species	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total (a+b)</b>	<b>33.61</b>	<b>31.96</b>	<b>30.32</b>	<b>29.49</b>	<b>24.36</b>	<b>24.36</b>	<b>24.36</b>	<b>24.36</b>	<b>24.36</b>
<b>Total forest area</b>	<b>33.61</b>	<b>31.96</b>	<b>30.32</b>	<b>29.49</b>	<b>24.36</b>	<b>24.36</b>	<b>24.36</b>	<b>24.36</b>	<b>24.36</b>

## Comments

1c Primary forest and special forest categories

National Data

Data sources + type of data source eg NFI, etc

Species-level data unavailable

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Primary forest					
Temporarily unstocked and/or recently regenerated					
Bamboos					
Mangroves					
Rubber wood					

Comments

# 1d Annual forest expansion, deforestation and net change

## National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

Detailed data unavailable

## Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

Detailed data unavailable

FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Forest expansion (a)				
...of which afforestation				
...of which natural expansion				
Deforestation (b)				
Forest area net change (a-b)	-0.17	-0.16	-0.17	-1.03

Comments

Details not available



# 1e Annual reforestation

## National Data

Data sources + type of data source eg NFI, etc

Unavailable

National classification and definitions

-

Original data

-

## Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Reforestation				

Comments

Unavailable

# 1f Other land with tree cover

## National Data

### Data sources + type of data source eg NFI, etc

USDA Forest Service, Forest Inventory and Analysis Program, Thu Feb 14 16:22:54 GMT 2019. Forest Inventory EVALIDator web-application Version 1.8.0.00. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Available only on internet: <http://fsxopsx1056.fdc.fs.usda.gov:9001/Evalidator/evaluator.jsp>]

### National classification and definitions

Other land with tree cover not reported for this area

### Original data

Estimate:

	All live stocking					
Forest type	Total	Overstocked	Fully stocked	Medium stocked	Poorly stocked	Nonstocked
Total	60,207	10,501	29,393	14,093	6,080	139
Moist forest	1,618	-	-	-	1,618	-
Lower montane wet and rain forest	54,401	8,884	28,931	11,985	4,463	139
Other tropical hardwoods	4,188	1,618	462	2,109	-	-

## Analysis and processing of national data

### Estimation and forecasting

no forecasting done

### Reclassification into FRA 2020 categories

No data were reported for other land with tree cover

FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Palms (a)					
Tree orchards (b)					
Agroforestry (c)					
Trees in urban settings (d)					
Other (specify in comments) (e)					
Total (a+b+c+d+e)	–	–	–	–	–
Other land area	12.39	14.04	15.68	16.51	21.64

Comments

## 2 Forest growing stock, biomass and carbon

### 2a Growing stock

#### National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

#### Original data

Table 52. Caribbean and Pacific Islands growing stock volume on forest land by diameter class							
Region and				Diameter (inches)			
island group	Total	1.0-4.9	5.0-8.9	9.0-12.9	13.0-16.9	17.0-20.9	21.0+
	Thousand cubic feet						
Caribbean:							
Puerto Rico	191,265	-	21,745	43,298	37,803	33,382	55,038
US Virgin Is.	857	-	308	172	87	-	290
	-						
Pacific:	-						
American Samoa	62,501	-	11,320	16,777	11,646	5,405	17,353
Guam	50,981	-	20,096	17,194	7,324	2,533	3,834
Republic of Palau	261,562	-	57,127	60,484	45,224	30,924	67,802
Commonwealth of the Northern Marriana Is.	32,563	-	12,670	7,101	4,193	2,241	6,357
Federated States of Micronesia	577,122	-	67,867	128,682	69,559	59,034	251,980
Republic of the Marshall Is.	54,691	-	7,487	19,232	21,217	3,852	2,903
Hawaii	-	-	n/a	n/a	n/a	n/a	n/a
Islands total	1,231,542	-	198,621	292,940	197,053	137,371	405,558

#### Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Growing stock m³/ha (over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest									
Planted forest									
...of which plantation forest									
...of which other planted forest									
Forest									
Other wooded land									

FRA categories	Total growing stock (million m³ over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest									
Planted forest									
...of which plantation forest									
...of which other planted forest									
Forest									
Other wooded land									

Comments

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
#1 Ranked in terms of volume							
#2 Ranked in terms of volume							
#3 Ranked in terms of volume							
#4 Ranked in terms of volume							
#5 Ranked in terms of volume							
#6 Ranked in terms of volume							
#7 Ranked in terms of volume							
#8 Ranked in terms of volume							
#9 Ranked in terms of volume							
#10 Ranked in terms of volume							
Remaining native tree species							
Total volume of native tree species			–	–	–	–	–
Introduced tree species							
#1 Ranked in terms of volume							
#2 Ranked in terms of volume							
#3 Ranked in terms of volume							
#4 Ranked in terms of volume							
#5 Ranked in terms of volume							
Remaining introduced tree species							
Total volume of introduced tree species			–	–	–	–	–
Total growing stock			–	–	–	–	–

Comments



## 2c Biomass stock

### National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

### Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass									
Below-ground biomass									
Dead wood									

Comments

## 2d Carbon stock

### National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

### Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Forest carbon (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Carbon in above-ground biomass									
Carbon in below-ground biomass									
Carbon in dead wood									
Carbon in litter									
Soil carbon									

Soil depth (cm) used for soil carbon estimates	
--	--

Comments

3 Forest designation and management

3a Designated management objective

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

Primary designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production (a)					
Protection of soil and water (b)					
Conservation of biodiversity (c)					
Social Services (d)					
Multiple use (e)					
Other (specify in comments) (f)					
None/unknown (g)	33.61	31.96	30.32	29.49	24.36
Total forest area	33.61	31.96	30.32	29.49	24.36

Total area with designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production					
Protection of soil and water					
Conservation of biodiversity					
Social Services					
Other (specify in comments)					

Comments

3b Forest area within protected areas and forest area with long-term management plans

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest area within protected areas									
Forest area with long-term forest management plan									
...of which in protected areas									

Comments



## 4 Forest ownership and management rights

### 4a Forest ownership

#### National Data

**Data sources + type of data source eg NFI, etc**

USDA Forest Service, Forest Inventory and Analysis Program, Thu Feb 14 16:00:19 GMT 2019. Forest Inventory EVALIDator web-application Version 1.8.0.00. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Northern Research Station. [Available only on internet: <http://fsxopsx1056.fdc.fs.usda.gov:9001/Evalidator/evalidator.jsp>]

**National classification and definitions**

Owner class code. (Core for all accessible forestland; Core optional for other sampled land.) A code indicating the class in which the landowner (at the time of the inventory) belongs. When PLOT.DESIGNCD = 999, OWNCD may be blank (null).

Code	Description
11	National Forest
12	National Forest
13	National Forest
21	National Park Service
22	Bureau of Land Management
23	Fish and Wildlife Service
24	Department of Defense/Energy
25	Other federal
31	State
32	Local (County, Municipal, etc)
33	Other non-federal public
46	Undifferentiated private

**Original data**

Estimate:

	Ownership class		
Stand origin	Total	State	Private
Total	60,207	45,588	14,619
Natural stands	60,207	45,588	14,619

### Analysis and processing of national data

**Estimation and forecasting**

No forecasting was used

Bechtold, W.A.; Patterson, P.L., eds. 2005. The Enhanced Forest Inventory and Analysis Program - National Sampling Design and Estimation Procedures. Gen. Tech. Rep. SRS - 80. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 85 p.

Reclassification into FRA 2020 categories

1 ac = 0.4047 ha

Stand origin	Total	State	Private
Total	60,207	45,588	14,619
Natural stands	60,207	45,588	14,619
	Total ha	total ha	total ha
Total Forest Area	24365.7729	18449.4636	5916.309

FRA categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Private ownership (a)				5.92
...of which owned by individuals				
...of which owned by private business entities and institutions				
...of which owned by local, tribal and indigenous communities				
Public ownership (b)				18.45
Unknown/other (specify in comments) (c)	–	–	–	5.12
Total forest area	33.61	31.96	30.32	29.49

### Comments

Ownership estimates are from 2015 while total forest area may reflect older estimates. This is because of lag time in data collection.

4b Holder of management rights of public forests

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Public Administration (a)				
Individuals (b)				
Private business entities and institutions (c)				
Local, tribal and indigenous communities (d)				
Unknown/other (specify in comments) (e)	–	–	–	18.45
Total public ownership	–	–	–	18.45

Comments

## 5 Forest disturbances

### 5a Disturbances

#### National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

#### Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-

FRA categories	Area (1000 ha)																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Insects (a)																		
Diseases (b)																		
Severe weather events (c)																		
Other (specify in comments) (d)																		
Total (a+b+c+d)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total forest area	31.96	-	-	-	-	-	-	-	-	-	30.32	-	-	-	-	29.49	24.36	24.36

Comments

5b Area affected by fire

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

-



FRA categories	Area (1000 ha)																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total land area affected by fire																		
...of which on forest																		

Comments

5c Degraded forest

Does your country monitor area of degraded forest		
If "yes"	What is the national definition of "Degraded forest"?	
	Describe the monitoring process and results	

Comments

6 Forest policy and legislation

6a Policies, Legislation and national platform for stakeholder participation in forest policy

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

Indicate the existence of	Boolean (Yes/No)	
	National	Sub-national
Policies supporting SFM		
Legislations and regulations supporting SFM		
Platform that promotes or allows for stakeholder participation in forest policy development		
Traceability system(s) for wood products		

Comments

6b Area of permanent forest estate

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

FRA 2020 categories	Forest area (1000 ha)					
	Applicable?	1990	2000	2010	2015	2020
Area of permanent forest estate						

Comments

7 Employment, education and NWFP

7a Employment in forestry and logging

National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

FRA 2020 categories	Full-time equivalents (1000 FTE)											
	1990			2000			2010			2015		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Employment in forestry and logging												
...of which silviculture and other forestry activities												
...of which logging												
...of which gathering of non wood forest products												
...of which support services to forestry												

Comments



## 7b Graduation of students in forest-related education

### National Data

Data sources + type of data source eg NFI, etc

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National classification and definitions

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Original data

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FRA 2020 categories	Number of graduated students											
	1990			2000			2010			2015		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Doctoral degree												
Master's degree												
Bachelor's degree												
Technician certificate / diploma												
Total												

Comments

## 7c Non wood forest products removals and value 2015

### National Data

Data sources + type of data source eg NFI, etc

-

National classification and definitions

-

Original data

-

	Name of NWFP product	Key species	Quantity	Unit	Value (1000 local currency)	NWFP category
#1						
#2						
#3						
#4						
#5						
#6						
#7						
#8						
#9						
#10						
All other plant products						
All other animal products						
Total					-	

Name of currency	
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Comments

8 Sustainable Development Goal 15

8a Sustainable Development Goal 15

SDG Indicator 15.1.1 Forest area as proportion of total land area 2015

Indicator	Percent							
	2000	2010	2015	2016	2017	2018	2019	2020
Forest area as proportion of total land area 2015	69.48	65.91	64.11	52.96	52.96	52.96	52.96	52.96

Name of agency responsible	
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SDG Indicator 15.2.1 Progress towards sustainable forest management

Sub-Indicator 1	Percent						
	2000-2010	2010-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Forest area annual net change rate	-0.53	-0.55	-21.06	0.00	0.00	0.00	0.00

Name of agency responsible	
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Sub-Indicator 2	Forest biomass (tonnes/ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass stock in forest	–	–	–	–	–	–	–	–

Name of agency responsible	
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Sub-Indicator 3	Percent (2015 forest area baseline)							
	2000	2010	2015	2016	2017	2018	2019	2020
Proportion of forest area located within legally established protected areas	–	–	–	–	–	–	–	–

Name of agency responsible	
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Sub-Indicator 4	Percent (2015 forest area baseline)							
	2000	2010	2015	2016	2017	2018	2019	2020
Proportion of forest area under long-term forest management plan	–	–	–	–	–	–	–	–

Name of agency responsible	
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Sub-Indicator 5	Forest area (1000 ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Forest area under independently verified forest management certification schemes	0.00	0.00	0.00	0.00	0.00	0.00	–	–