



Food and Agriculture
Organization of the
United Nations

Global Forest Resources Assessment 2020

Report

Republic of Korea

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

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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

2000	References	Statistical yearbook of forestry
	Methods used	National Forest Inventory, Full-cover forest/vegetation maps, Registers/questionnaires
	Additional comments	

2010	References	Statistical Yearbook of Forestry
	Methods used	Other (specify in comments), Full-cover forest/vegetation maps
	Additional comments	We have no data at 2010 year. the data was estimated from FRA 2015

2015	References	Statistical yearbook of forestry
	Methods used	Full-cover forest/vegetation maps, Registers/questionnaires
	Additional comments	

2017	References	Statistical yearbook of forestry
	Methods used	Registers/questionnaires, Full-cover forest/vegetation maps
	Additional comments	

Classifications and definitions

2000	National class	Definition
	Forest	

		It consists of stocked forest land and un-stocked forest land. Stocked forest is land spanning more than 1 hectare with trees and a canopy cover of more than 30 percent. The number of young tree per ha is more than 1,200 in coniferous forest and 1,600 in broad-leaved forest, respectively. Un-stocked forest is land spanning more than 1 hectares with trees and a canopy cover of less than 30 percent, and includes non-stocked land, denuded land, reclaimed land, and miscellaneous forest land. The non-stocked forest lands are forested lands. The miscellaneous forest lands include rock, roads, grave/cemetery, nursery, orchard, military facilities etc.
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2015	National class	Definition
	Forest	

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Original data and reclassification

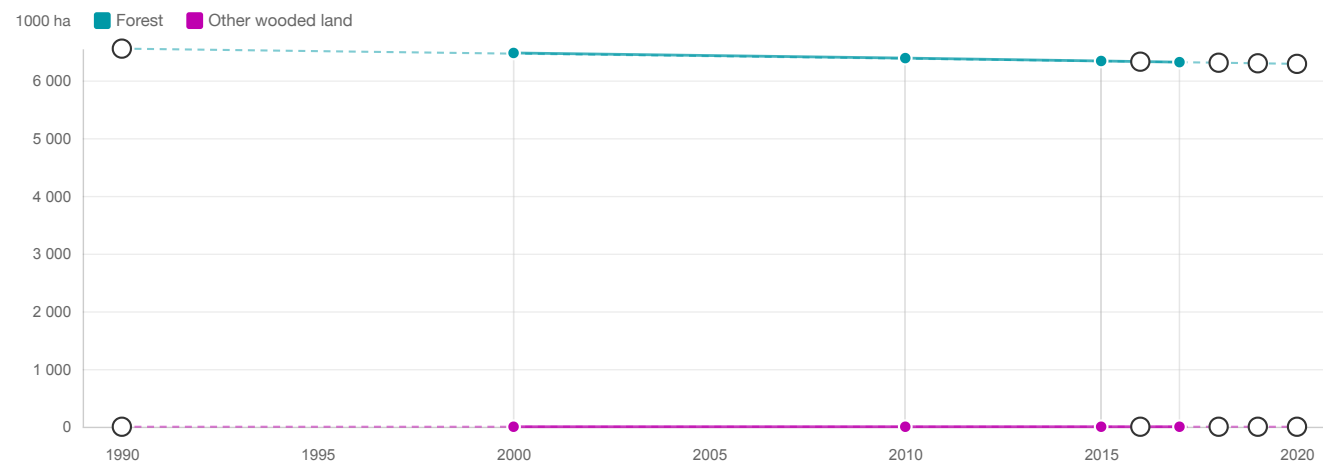
2000	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest	6 476.00	100.00 %	0.00 %	0.00 %

	other wooded land	0.00	0.00 %	0.00 %	100.00 %
	Other land	3 272.00	0.00 %	0.00 %	100.00 %
	Total	9 748.00	6 476.00	0.00	3 272.00

2010	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest	6 387.00	100.00 %	0.00 %	0.00 %
	other wooded land	0.00	0.00 %	0.00 %	100.00 %
	Other land	3 361.00	0.00 %	0.00 %	100.00 %
	Total	9 748.00	6 387.00	0.00	3 361.00

2015	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest	6 337.00	100.00 %	0.00 %	0.00 %
	other wooded land	0.00	0.00 %	0.00 %	100.00 %
	Other land	3 411.00	0.00 %	0.00 %	100.00 %
	Total	9 748.00	6 337.00	0.00	3 411.00

2017	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest	6 317.00	100.00 %	0.00 %	0.00 %
	other wooded land	0.00	0.00 %	0.00 %	100.00 %
	Other land	3 431.00	0.00 %	0.00 %	100.00 %
	Total	9 748.00	6 317.00	0.00	3 431.00



FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	6 551.00	6 476.00	6 387.00	6 337.00	6 325.00	6 317.00	6 307.00	6 297.00	6 287.00
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)	3 193.50	3 268.50	3 357.50	3 407.50	3 419.50	3 427.50	3 437.50	3 447.50	3 457.50
Total land area (c)	9 744.50	9 744.50	9 744.50	9 744.50	9 744.50	9 744.50	9 744.50	9 744.50	9 744.50

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	88.00	
Sub-tropical	12.00	
Tropical	0.00	

Comments

The forest area at 1990 year was adjusted by the total land area at different base yaer and excluded a miscellaneous area.

The forest area at 2015 year, excluding a miscellaneous area, was forecasted for FRA-2015 at 2013 year.

In the ROK, the country and/or land area is/are annually increased. so that the forest area should be adjusted.

The category and definition of "Other wooded land" is not applicable to national data. There is no national classification and data for "Other wooded land". Any areas that may fall under the FAO definition of Other wooded land are included under Other land.

1b Forest characteristics

National data

Data sources

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	Other	

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2017	National class	Definition
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Original data and reclassification

2000	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest	6 476.00	68.00 %	32.00 %	0.00 %
	Total	6 476.00	4 403.68	2 072.32	0.00

Plantation forest	Area (1000 ha)	...of which introduced
Forest	2 072.32	26.56 %
Total	2 072.32	550.41

2010	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest	6 387.00	65.00 %	35.00 %	0.00 %

	Total	6 387.00	4 151.55	2 235.45	0.00
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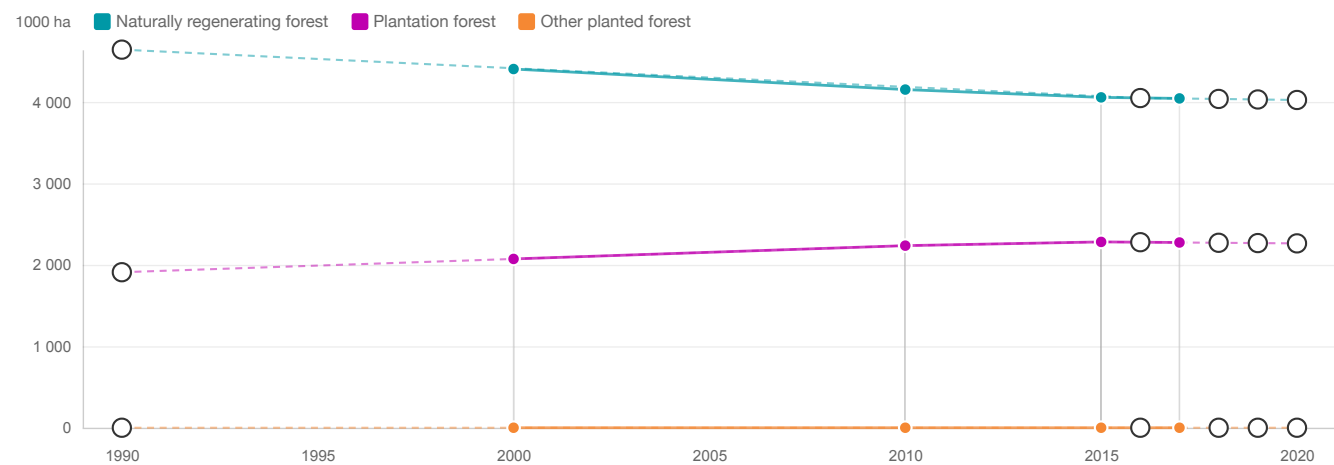
Plantation forest	Area (1000 ha)	...of which introduced
Forest	2 235.45	26.56 %
Total	2 235.45	593.74

2015	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest	6 337.00	64.00 %	36.00 %	0.00 %
	Total	6 337.00	4 055.68	2 281.32	0.00

Plantation forest	Area (1000 ha)	...of which introduced
Forest	2 281.32	26.60 %
Total	2 281.32	606.83

2017	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest	6 317.00	64.00 %	36.00 %	0.00 %
	Total	6 317.00	4 042.88	2 274.12	0.00

Plantation forest	Area (1000 ha)	...of which introduced
Forest	2 274.12	26.56 %
Total	2 274.12	604.01



FRA categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest (a)	4 641.81	4 403.68	4 151.55	4 055.68	4 047.28	4 042.88	4 036.48	4 030.08	4 023.68
Planted forest (b)	1 909.19	2 072.32	2 235.45	2 281.32	2 277.72	2 274.12	2 270.52	2 266.92	2 263.32
Plantation forest	1 909.19	2 072.32	2 235.45	2 281.32	2 277.72	2 274.12	2 270.52	2 266.92	2 263.32
...of which introduced species	507.00	550.41	593.74	606.83	604.80	604.01	603.19	602.66	601.06
Other planted forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total (a+b)	6 551.00	6 476.00	6 387.00	6 337.00	6 325.00	6 317.00	6 307.00	6 297.00	6 287.00
Total forest area	6 551.00	6 476.00	6 387.00	6 337.00	6 325.00	6 317.00	6 307.00	6 297.00	6 287.00

Comments

We have a few data for this table. So that the data at the two point in time (2000 and 2010) are estimated available data sources and an average reforestation areas is used to estimate past and future data.

1c Primary forest and special forest categories

National Data

Data sources + type of data source eg NFI, etc

Statistical yearbook of forestry (KFS, 1990-2017)

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

The forest area is classified to stocked and un-stocked forests.

The temporarily unstocked forest is defined as a non-stocked forest within the un-stocked forest.

FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Primary forest					
Temporarily unstocked and/or recently regenerated	47.00	32.00	56.00	88.00	100.00
Bamboos	20.00	21.00	21.00	22.00	24.00
Mangroves	0.00	0.00	0.00	0.00	0.00
Rubber wood	0.00	0.00	0.00	0.00	0.00

Comments

No data available on primary forest.

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

The area by deforestation can be derived from statistical yearbook of forestry (the status of forest land conversion).

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
Forest expansion (a)	0.00	0.00	0.00	0.00
...of which afforestation				
...of which natural expansion				
Deforestation (b)	7.50	8.90	10.00	10.00
Forest area net change (a-b)	-7.50	-8.90	-10.00	-10.00

Comments

We are no information on forest expansion yet.

The area by deforestation can be derived from statistical yearbook of forestry (the status of forest land conversion).

1e Annual reforestation

National Data

Data sources + type of data source eg NFI, etc

Statistical yearbook of forestry (1990-2017, KFS)

National classification and definitions

The reforestation is a replanted area after logging in forested land.

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	28.00	21.00	22.00	25.00

Comments

1f Other land with tree cover

National Data

Data sources + type of data source eg NFI, etc

Statistics of agricultural area (Statistics Korea, 1990-2016)

Statistics of urban forest state(KFS, 2016)

National classification and definitions

The area of the tree orchards is excluded the cultivation under structure.

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
Palms (a)	0.00	0.00	0.00	0.00	0.00
Tree orchards (b)	132.00	169.00	156.00	154.00	152.00
Agroforestry (c)	0.00	0.00	0.00	0.00	0.00
Trees in urban settings (d)			35.00	46.00	60.00
Other (specify in comments) (e)					
Total (a+b+c+d+e)	132.00	169.00	191.00	200.00	212.00
Other land area	3 193.50	3 268.50	3 357.50	3 407.50	3 457.50

Comments

2 Forest growing stock, biomass and carbon

2a Growing stock

National Data

Data sources + type of data source eg NFI, etc

Statistical yeabook of forestry (KFS, 2016) derived from the NFI data.

National classification and definitions

-

Original data

The minimum diameter is 6cm at the BH (1.2m).

The total growing stock and growing stock per ha are reported in statistical yearbook of forestry.

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	37.92	63.46	125.62	145.99	150.24	154.12	157.46	160.38	162.00
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	248.43	410.97	802.33	925.14	950.27	973.58	993.10	1 009.91	1 018.49
Other wooded land									

Comments

The total growing stock was estimated with an estimated forest area at 2015 year. The forest area should be updated to an actual national statistics(Statistical yearbook of forestry, 2016)

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

Assessment of Korea's forest resources at 2011-2015(KoFPI & KFS, 2017) derived from the 6th NFI

National classification and definitions

-

Original data

the 6th NFI and forest type map

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	Pinus densiflora	Red Pine				246.97	
#2 Ranked in terms of volume	Quercus sp.	Oak				133.61	
#3 Ranked in terms of volume	Pinus Thunbergii	Black Pine				37.82	
#4 Ranked in terms of volume	Pinus Koraiensis	Korean Pine				23.23	
#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						381.20	
Total volume of native tree species			—	—	—	822.83	
Introduced tree species							
#1 Ranked in terms of volume	Larix kaempferi	Japanese larch				46.97	
#2 Ranked in terms of volume	Pinus rigida	Pitch pine				42.46	
#3 Ranked in terms of volume	Castanea crenata var. dulcis	Japanese chestnut				6.47	
#4 Ranked in terms of volume	Chamaecyparis obtusa	Japanese cypress				3.81	

FRA categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
#5 Ranked in terms of volume	Robinia pseudoacacia L.	False acasia				2.60	
Remaining introduced tree species							
Total volume of introduced tree species			–	–	–	102.31	–
Total growing stock			–	–	–	925.14	–

Comments

2c Biomass stock

National Data

Data sources + type of data source eg NFI, etc

Assessment of Korea's forest resources at 2011-2015 derved from the 6th NFI

National classification and definitions

-

Original data

National greenhouse gas inventory (1990-2016)

Analysis and processing of national data

Estimation and forecasting

The forest biomass (ton/ha) from 2017 to 2020 were estimated with annual variability.

Reclassification into FRA 2020 categories

-

FRA categories	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass	31.29	58.68	98.40	115.70	119.04	122.31	125.51	128.63	131.69
Below-ground biomass	9.83	18.64	31.34	36.78	37.84	38.88	39.90	40.90	41.88
Dead wood									

Comments

For dead wood, there are no information on wood density. So that we can not estimate biomass from mortality.

2d Carbon stock

National Data

Data sources + type of data source eg NFI, etc

Assessment of Korea's forest resources at 2011-2015 derved from the 6th NFI

National classification and definitions

-

Original data

the 6th NFI and country specifc emission factors

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	15.64	29.34	49.20	57.85	59.52	61.61	62.75	64.32	65.84
Carbon in below-ground biomass	4.91	9.32	15.67	18.39	18.92	19.44	19.95	20.45	20.94
Carbon in dead wood									
Carbon in litter				5.87					
Soil carbon				63.74					

Soil depth (cm) used for soil carbon estimates	30.00
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Comments

There are no information on biomass for dead wood.

3 Forest designation and management

3a Designated management objective

National Data

Data sources + type of data source eg NFI, etc

Forest basic statistics (KFS, 2016) derived from forest function map.

National classification and definitions

-

Original data

forest function map and forest area

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)	2 403.00	2 375.00	2 343.00	2 324.00	2 324.00
Protection of soil and water (b)	1 462.00	1 446.00	1 426.00	1 414.00	1 414.00
Conservation of biodiversity (c)	1 221.00	1 305.00	1 385.00	1 377.00	1 377.00
Social Services (d)	345.00	341.00	336.00	333.00	333.00
Multiple use (e)	605.00	598.00	590.00	585.00	585.00
Other (specify in comments) (f)	515.00	411.00	307.00	304.00	254.00
None/unknown (g)	0.00	0.00	0.00	0.00	0.00
Total forest area	6 551.00	6 476.00	6 387.00	6 337.00	6 287.00

Total area with designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production				2 324.00	2 324.00
Protection of soil and water				1 414.00	1 414.00
Conservation of biodiversity				1 377.00	1 377.00
Social Services				333.00	333.00
Other (specify in comments)				889.00	839.00

Comments

It is so difficult and not clear to define the "primary".

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

Statistics yearbook of forestry(KFS, 2016)

National classification and definitions

-

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

1. Forest Protected area in the Statistical yearbook of forestry(KFS, 1990-2017)

- 1990-2009 : Natutal Forest Reserve & Reserved forest

- 2010-2017 : Forest protected areas including forest genetic resources

2. Forest area with long-term management plans

- Preparation of forest management plan derived from the Statistical yearbook of forestry(KFS, 1990-2017)

FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest area within protected areas	218.00	337.00	413.00	445.00	445.00	435.00	435.00	435.00	435.00
Forest area with long-term forest management plan	3 737.00	3 740.00	3 175.00	3 278.00	3 213.00	2 834.00	2 720.00	2 607.00	2 493.00
...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

Questionnaire

Statistics of forest ownership (KFS, 2011 & 2016)

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
Private ownership (a)	4 716.00	4 550.00	4 338.00	4 250.00
...of which owned by individuals			3 241.00	3 135.00
...of which owned by private business entities and institutions			340.00	343.00
...of which owned by local, tribal and indigenous communities			757.00	772.00
Public ownership (b)	1 835.00	1 926.00	2 049.00	2 087.00
Unknown/other (specify in comments) (c)	0.00	0.00	0.00	0.00
Total forest area	6 551.00	6 476.00	6 387.00	6 337.00

Comments

4b Holder of management rights of public forests

National Data

Data sources + type of data source eg NFI, etc

Statistical yearbook of forestry (1990-2017, KFS)

- Status of Profit-sharing on Disposable National Forest -

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)	1 763.00	1 854.00	2 026.00	2 064.00
Individuals (b)	17.00	11.00	2.00	2.00
Private business entities and institutions (c)	30.00	37.00	18.00	20.00
Local, tribal and indigenous communities (d)	25.00	24.00	3.00	1.00
Unknown/other (specify in comments) (e)	0.00	0.00	0.00	0.00
Total public ownership	1 835.00	1 926.00	2 049.00	2 087.00

Comments

5 Forest disturbances

5a Disturbances

National Data

Data sources + type of data source eg NFI, etc

Statistical yearbook of forestry (Outbreak & Prevention of Forest Diseases and Pests).

Registers/questionnaire

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)	224.00	198.00	163.00	133.00	117.00	196.00	274.00	260.00	254.00	214.00	153.00	114.00	95.00	77.00	72.00	62.00	54.00	46.00
Diseases (b)																		
Severe weather events (c)																		
Other (specify in comments) (d)	116.00	139.00	129.00	121.00	126.00	120.00	116.00	112.00	99.00	76.00	72.00	53.00	42.00	34.00	28.00	30.00	33.00	31.00
Total (a+b+c+d)	340.00	337.00	292.00	254.00	243.00	316.00	390.00	372.00	353.00	290.00	225.00	167.00	137.00	111.00	100.00	92.00	87.00	77.00
Total forest area	6 476.00	–	–	–	–	–	–	–	–	–	6 387.00	–	–	–	–	6 337.00	6 325.00	6 317.00

Comments

5b Area affected by fire

National Data

Data sources + type of data source eg NFI, etc

Statistical yearbook of forestry(KFS, 2016) for forest fire.

National classification and definitions

-

Original data

Statistical yearbook of forest fire(KFS, 2018)

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																1.58		
...of which on forest	25.95	0.96	4.47	0.13	1.59	2.07	0.25	0.23	0.23	1.38	0.30	1.09	0.07	0.55	0.14	0.42	0.38	1.48

Comments

5c Degraded forest

Does your country monitor area of degraded forest		No
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	Yes	Yes
Legislations and regulations supporting SFM	Yes	Yes
Platform that promotes or allows for stakeholder participation in forest policy development	Yes	Yes
Traceability system(s) for wood products	Yes	Yes

Comments

since 2007 a traceability system(s) for wood products has developed.

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	No					

Comments

7 Employment, education and NWFP

7a Employment in forestry and logging

National Data

Data sources + type of data source eg NFI, etc

Statistical yearbook of forestry 2011 (Number of forestry workers engaged in forestry)

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							254.81					
...of which silviculture and other forestry activities							220.44					
...of which logging							8.86					
...of which gathering of non wood forest products							19.22					
...of which support services to forestry							6.29					

Comments

7b Graduation of students in forest-related education

National Data

Data sources + type of data source eg NFI, etc

Statistics of Education (Status of graduation based on the major(minor) field)

National Technical Qualification Testing Statistics for Technician certificate / diploma (since 2002)

National classification and definitions

-

Original data

Technician certificate : 2002(61/2794), 2010 (5 / 1316), 2015 (5 / 1846)

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				50.00			70.00			68.00	22.00	46.00
Master's degree				196.00			210.00			174.00	84.00	90.00
Bachelor's degree				1 553.00			1 677.00			1 760.00	958.00	802.00
Technician certificate / diploma				2 855.00			1 321.00			1 851.00		
Total				4 654.00			3 278.00			3 853.00		

Comments

The number of grauduated students included in the department of horticulture.

The number of students and TC can be double-counted.

7c Non wood forest products removals and value 2015

National Data

Data sources + type of data source eg NFI, etc

Production of forest products in the statistical yearbook of forestry (KFS, 2017)

National classification and definitions

-

Original data

-

	Name of NWFP product	Key species	Quantity	Unit	Value (1000 local currency)	NWFP category
#1	Landscape (seedlings)		100 043	1000 trees	736 023	6 Ornamental plants
#2	Nuts and fruits	Rubus coreanus MIQ	285 363	1000kg	724 577	1 Food
#3	Wild vegetable	Codonopsis lanceolata	42 231	1000kg	383 189	1 Food
#4	Mushroom	Lentinula edodes	24 375	1000kg	244 070	1 Food
#5	Sap	Acer pictum subsp. mono	5 413	1000 litter	14 341	1 Food
#6	Medicinal herbs	Schisandra chinensis	35 444	1000kg	562 234	3 Raw material for medicine and aromatic products
#7	fuel		156 939	M/T	16 319	5 Raw material for utensils handicrafts construction
#8						8 Other plant products
#9						
#10						
All other plant products					5 189 483	
All other animal products						
Total					7 870 236	

Name of currency	Korean won
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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	66.46	65.54	65.03	64.91	64.83	64.72	64.62	64.52

Name of agency responsible	Korea Forest Service
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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	-0.14	-0.16	-0.19	-0.13	-0.16	-0.16	-0.16

Name of agency responsible	Korea Forest Service
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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	58.68	98.40	115.70	119.04	122.31	125.51	128.63	131.69

Name of agency responsible	Korea Forest Service
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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	5.32	6.52	7.02	7.02	6.86	6.86	6.86	6.86

Name of agency responsible	Korea Forest Service
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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	59.02	50.10	51.73	50.70	44.72	42.92	41.14	39.34

Name of agency responsible	Korea Forest Service
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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	193.39	384.22	390.57	392.29	337.62	—	—