

# STATISTICAL DATA REPORT

## Introduction

1. Forest extent, characteristics and changes
2. Forest growing stock, biomass and carbon
3. Forest designation, management and ownerships
4. Forest disturbances
5. Emissions and Removals from Forests
6. Timber and Fuelwood supply
7. Forestry Students and Employees

## 1. Forest extent, characteristics and changes

### 1a. Extent of forest and other wooded land

Categories	Forest Cover Area (ha)	
	2016	2020
Forest (a)	1598988	1644298
Non-forest land (b=c-a)	33120012	33074702

Categories	Forest Cover Area (ha)	
	2016	2020
Total Land area (c)	34719000	34719000

Data Sources

Year	References	
	Methods Used	
	Additional comments	

1b. Annual forest expansion, deforestation and net change

Categories	Forest Cover Area (ha)
	2016 - 2020
Forest Expansion (a)	55050
...Afforestation	8913
...Natural regeneration	46137

Categories	Forest Cover Area (ha)
	2016 - 2020
Deforestation (b)	1957.62
Forest area net change (a-b)	53092.38

Data Sources

Year	References	
	Methods Used	
	Additional comments	

1c. Annual reforestation

Categories	Forest Cover Area (ha)
Reforestation	

Data Sources

Year	References	
	Methods Used	
	Additional comments	

1d. Other land with tree cover

Categories	Forest Cover Area (ha)
Fruit Orchards (a)	
Agroforestry (b)	
Trees in urban settings (c)	
Other (specify in comments) (d)	
Total a+b+c+d	

Data Sources

Year	References	
	Methods Used	
	Additional comments	

1e. Degradation

Categories	Area (ha/year)
	2016 - 2020
Degradation	5.5

Data Sources

Year	References	
	Methods Used	
	Additional comments	

2. Forest growing stock, biomass and carbon

2a. Growing stock

Categories	Growing stock m <sup>3</sup> /ha (over bark)

Natural Forests	
Irrigated Plantations / Man-made forest	
Other land with tree cover (1f)	

Categories	Total growing stock (million m³ over bark)
Natural Forests	
Irrigated Plantations / Man-made forest	
Other land with tree cover (1f)	

### Data Sources

Year	References	
	Methods Used	
	Additional comments	

### 2b. Growing stock composition by Tree

Categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)
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Natural Forests	
Total volume of tree species	N.A
Irrigated Plantations / Man-made forest	
Total volume of tree species	N.A
Other Land with Tree Cover	
Total volume of tree species	N.A

Data Sources

Year	References	
	Methods Used	
	Additional comments	

2c. Biomass stock

Categories	Natural Forest Biomass (tonnes/ha)
Above-ground biomass	
Below-ground biomass	
Dead wood	
Soil Carbon	
Litter	
Total	

Data Sources

Year	References	
	Methods Used	
	Additional comments	



2d. Carbon stock

Categories	Natural Forest Biomass (tonnes/ha)
Carbon in above-ground biomass	
Carbon in below-ground biomass	
Carbon in Dead wood	
Soil Carbon	
Litter	
Total	

Data Sources

Year	References	
	Methods Used	
	Additional comments	

2e. Forest Volume

Categories	Volume (cu ft.)
Above-ground Volume	

Data Sources

Year	References	
	Methods Used	
	Additional comments	

### 3. Forest designation, management and ownerships

#### 3a. Forest area with management plans

Categories	Area (ha)
Forest area within protected areas	
Forest area with long-term forest management plan	
...of which in protected areas	

#### Data Sources

Year	References	
	Methods Used	
	Additional comments	

3b. Forest ownership and management rights

Categories	Forest area (ha)
A. Government Owned	
State	
Demarcated	
Undemarcated	
Reserved	
Protected	
Unclassed	
Resumed	
B. Private / Community	
Guzara	
Communal	
Section 38	
Section 14b	
Chos Act	
Misc	
C. Private / Individual	
Misc	
Total A + B + C	

Data Sources

Year	References	
	Methods Used	
	Additional comments	

4. Forest disturbances

4a. Disturbances

Categories	Area (ha)
Forest Fire (a)	
Insects (b)	
Diseases (c)	
Natural disasters (d)	
Other (specify in comments) (e)	
Total (a+b+c+d+e)	

Data Sources

Year	References	
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<b>Methods Used</b>	
<b>Additional comments</b>	

4b. Degraded forests

Categories	Area (ha/year)
<b>Forest Degradation</b>	
..10-30% Canopy Cover	
..31-50% Canopy Cover	
..51-70% Canopy Cover	
..>70% Canopy Cover	

Data Sources

Year	References	
	Methods Used	
	Additional comments	

# 5. Emissions and Removals from Forests

## 5a. Emissions

Categories	Average Annual Emissions (tco2e/year)
	2016 - 2020
Deforestation	303075
Forest Degradation	7934775
Disturbances	N.A
Total A+ B + C	8237850

## Data Sources

Year	References	
	Methods Used	
	Additional comments	

## 5b. Removals

Categories	Average Annual Removals (tco2e/year)
	2016 - 2020
Enhancement	5328675
SFM	N.A

Categories	Average Annual Removals (tco2e/year)
	2016 - 2020
Conservation	N.A
Total A+ B + C	5328675

### Data Sources

Year	References	
	Methods Used	
	Additional comments	

### 5c. Net Emissions/Removals

Categories	Net average annual emissions /removals (tco2e/year)
	2016 - 2020
A. Total Emissions	8237850
B. Total Removals	5328675
Net A-B	2909175



## 6. Timber Fuelwood Supply

### 6a. Timber and Fuelwood Supply

Categories	Million (m3)
Share of State Forests	
...Industrial Wood Timber	
...Fuel Wood (domestic + commercial + industrial)	
Share of Farmlands	
...Industrial Wood Timber	
...Fuel Wood (domestic + commercial + industrial)	
Imports	
...Industrial Wood Timber	
...Fuel Wood (domestic + commercial + industrial)	
Total A+B+C	

### Data Sources

Year	References	
	Methods Used	
	Additional comments	

6b. Forest products and value

Year	Name of Non Woody Forest Product	Key species	Quantity	Unit	Rate	Total Value (PKR)
All other plant products						
All other animal products						
Total						

Data Sources

Year	References	
	Methods Used	
	Additional comments	

7. Forestry Students and Employees

7a. Graduation of students in forest-related education

Categories	Number		
	Total	Female	Male
Doctoral degree			
Master’s degree			
Bachelor’s degree			
Technician certi?cate / diploma			
Total			

Data Sources

Year	References	
	Methods Used	
	Additional comments	