



Food and Agriculture  
Organization of the  
United Nations

The background of the cover is a photograph showing a series of rolling hills or mountains covered in dense green forests. The lighting creates strong shadows and highlights on the ridges, giving the scene a three-dimensional and textured appearance.

# Global Forest Resources Assessment 2015

Desk reference



# GLOBAL FOREST RESOURCES ASSESSMENT 2015

Desk reference

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS  
Rome, 2015

## **The Global Forest Resources Assessment**

Sustainably managed forests provide essential goods and services and thus play a vital part in sustainable development. Reliable and up-to-date information on the state of forest resources is crucial to support decision-making for investment and policymaking in forestry and sustainable development.

FAO, at the request of its member countries, regularly monitors the world's forests and their management and uses through the Global Forest Resources Assessment (FRA). More information on the FRA 2015 process, other publications and online database is available on the FRA web site ([www.fao.org/forestry/fra](http://www.fao.org/forestry/fra)).

The FRA process is coordinated by the Forestry Department at FAO headquarters in Rome in coordination with partners in the Collaborative Forest Resources Questionnaire (CFRQ). These six partners are: the Central African Forest Commission (COMIFAC/OFAC), FAO, FOREST EUROPE, the International Tropical Timber Organization (ITTO), the Montréal Process, and the United Nations Economic Commission for Europe (UNECE).

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ISBN 978-92-5-108826-5

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# Acronyms and abbreviations

CFRQ	Collaborative Forest Resources Questionnaire
COMIFAC/OFAC	Central African Forest Commission/Observatoire des Forêts d'Afrique Centrale
FAO	Food and Agriculture Organization of the United Nations
FLUDE	Forest Land Use Data Explorer
FRA	Global Forest Resources Assessment (FAO)
FSC	Forest Stewardship Council
FTE	full-time equivalent
GDP	gross domestic product
ITTO	International Tropical Timber Organization
PEFC	Programme for Endorsement of Forest Certification
SFM	sustainable forest management
UN	United Nations
UNECE	United Nations Economic Commission for Europe
m	metre
ha	hectare
r	a very small value that has been rounded to zero
o.b.	over bark
t	tonne
u.b.	under bark
yr	year

# Introduction

This document is one of three main publications of the Global Forest Resources Assessment 2015 (FRA 2015). It contains data for most of the quantitative and Boolean variables collected through FRA 2015. For a set of summary analyses the reader is encouraged to see the publication *How are the world's forests changing?*<sup>1</sup> It provides a picture of the current state of the world's forest resources and of the main changes that have occurred over the last 25 years. The third publication is a special issue of the journal *Forest Ecology and Management*.<sup>2</sup> The peer-reviewed papers that form this special issue contain a more detailed set of analyses, based on both FRA 2015 data and other data sources.

In addition to these publications, country reports containing the source data used in this document can be downloaded and analysed, together with a wide range of additional data sources and output formats, through the Forest Land Use Data Explorer (FLUDE). The Forest Land Use Data Explorer is an active analytical tool designed to provide easy access and analyses of FRA and other land use data.

The main reference documents used for the desk reference are:

- Country reports and desk studies:<sup>3</sup> the reports contain detailed information on the sources of data and documentation on calculations.
- Guide for country reporting for FRA 2015:<sup>4</sup> the guide explains both the general reporting methodology and provides specific guidance for preparing Country Reports.
- Terms and Definitions document:<sup>5</sup> the document provides definitions for all terms and categories reported in the country reports. Most definitions are complemented by explanatory notes.

For more on FRA 2015, see the article by MacDicken on "Global Forest Resources Assessment 2015: What, why and how?"<sup>6</sup> or the FRA website.<sup>7</sup>

## How to read and use this document

FRA 2015 provides data and analysis covering 234 countries and territories. One hundred and fifty-five reports were prepared by national correspondents nominated by government agencies responsible for forestry. The remainder comes from desk studies prepared by FAO which provide estimated values for forest statistics in countries that did not submit a country report. While the number of desk studies is high, in total they amount to only 1.2 percent of global forest area.

The tables in the desk reference are structured according to the questions of the country reports. The names of countries and territories used in these tables follow standard UN practice regarding nomenclature. Countries and territories are listed in alphabetical order and readers should note that country names are not displayed whenever data are not available. Unless otherwise stated, the information provided in these tables is derived from the FRA 2015 country reports.

The desk reference is intended to be an online publication that can be downloaded and printed. It is designed to be printed and spiral-bound so that it lays flat for ease of use.

## Contributors

A list of contributors to the country reports can be found on the FRA 2015 webpage.<sup>8</sup>

<sup>1</sup> <http://www.fao.org/forestry/fra/fra2015>

<sup>2</sup> <http://www.journals.elsevier.com/forest-ecology-and-management/>

<sup>3</sup> <http://www.fao.org/forestry/fra/fra2015/Countryreports>

<sup>4</sup> <http://www.fao.org/3/a-au190e.pdf>

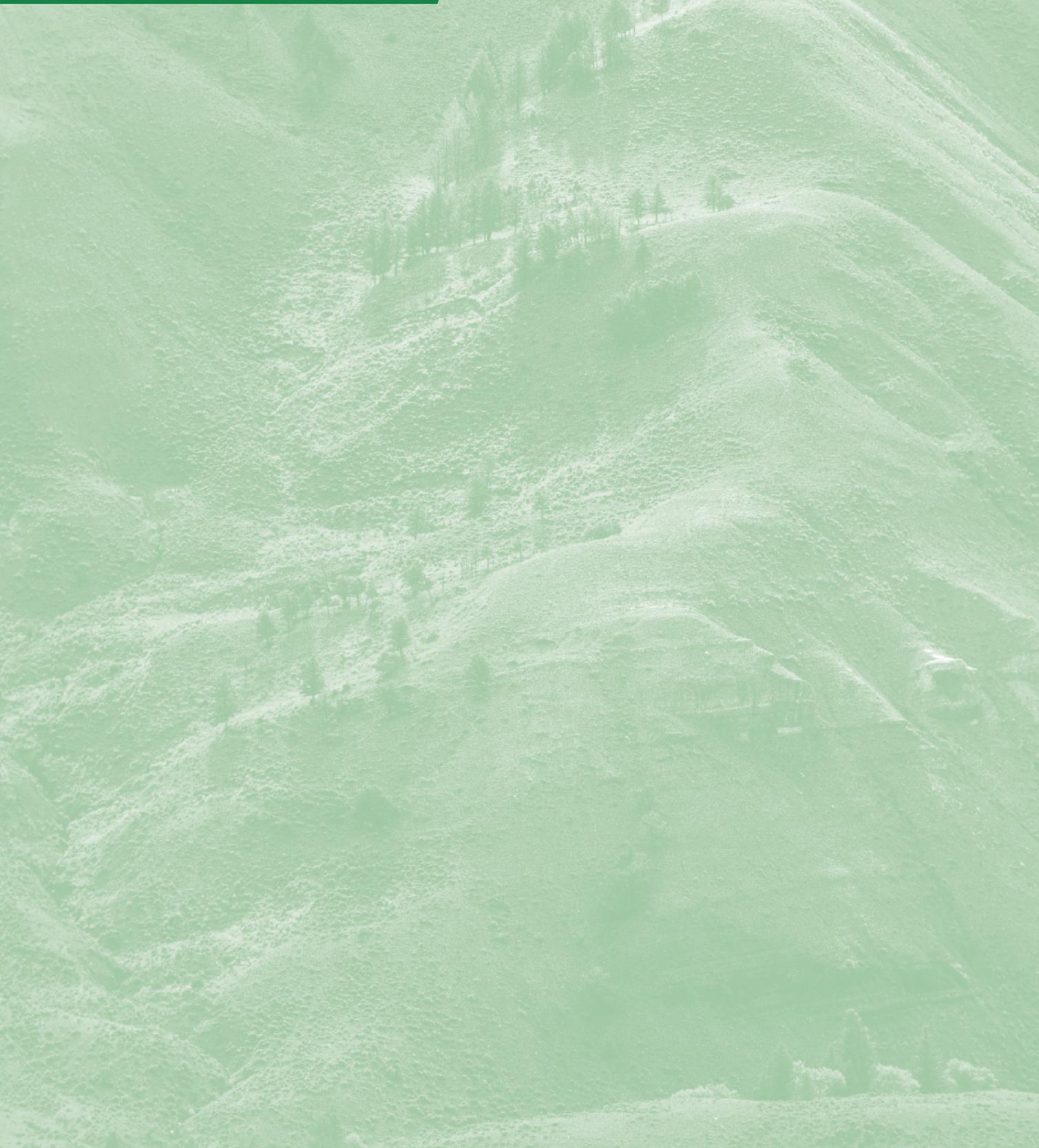
<sup>5</sup> <http://www.fao.org/docrep/017/ap862e/ap862e00.pdf>

<sup>6</sup> MacDicken, K.G. 2015. Global Forest Resources Assessment 2015: What, why and how? *Forest Ecology and Management* at <http://www.sciencedirect.com/science/journal/03781127/352>

<sup>7</sup> <http://fao.org/forestry/fra/en>

<sup>8</sup> <http://www.fao.org/forestry/fra/83059/en/>

# Forest area and forest characteristics



**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 1. Forest and other wooded land 2015**

Country/Territory	Forest			Other wooded land			Other land		Inland water	Land area
	1 000 ha	% of land area	Tier status	1 000 ha	% of land area	Tier status	1 000 ha	of which with tree cover	1 000 ha	1 000 ha
Afghanistan	1350	2.1	1	29471	45.2	1	34402		0	65223
Albania	772	28.2	1	256	9.4	1	1712		135	2740
Algeria	1956	0.8	3	2569	1.1	2	233649		0	238174
American Samoa	18	87.7	1	0	0.0	1	2		0	20
Andorra	16	34.0	1	0	0.0	1	31		0	47
Angola	57856	46.4	1	0	0.0	1	66814		0	124670
Anguilla	6	61.1	1	0	0.0	1	4		0	9
Antigua and Barbuda	10	22.3	1	16	35.5	1	19		0	44
Argentina	27112	9.9	2	64376	23.5	2	182181		4371	273669
Armenia	332	11.8	1	63	2.2	1	2425		160	2820
Aruba	r	2.3	1	0	0.0	1	18		0	18
Australia	124751	16.2	2	250961	32.7	2	392518		5892	768230
Austria	3869	46.9	3	153	1.9	3	4222		144	8244
Azerbaijan	1139	13.8	1	0	0.0	1	7126		394	8266
Bahamas	515	51.4	1	36	3.6	1	450		387	1001
Bahrain	1	0.8	1	r	0.1	1	75		0	76
Bangladesh	1429	11.0	3	294	2.3	1	11294	2356	1383	13017
Barbados	6	14.7	2	1	2.6	2	36	2	0	43
Belarus	8634	41.6	2	540	2.6	2	11575		12	20748
Belgium	683	22.6	3	36	1.2	3	2309		25	3028
Belize	1366	59.9	2	200	8.8	1	715		16	2281
Benin	4311	39.0	1	2889	26.1	1	3862	289	200	11062
Bermuda	1	20.0	1	0	0.0	1	4		0	5
Bhutan	2755	72.3	2	432	11.3	2	625		27	3812
Bolivia (Plurinational State of)	54764	50.6	1	2473	2.3	1	51093		1528	108330
Bosnia and Herzegovina	2185	42.8	1	549	10.8	1	2366		21	5100
Botswana	10840	19.1	1	34791	61.4	1	11042		1500	56673
Brazil	493538	59.0	2	39535	4.7	2	302741		15763	835814
British Virgin Islands	4	24.1	1	2	11.2	1	10		0	15
Brunei Darussalam	380	72.1	1	50	9.5	1	97		50	527
Bulgaria	3823	35.2	3	22	0.2	3	7011	74	244	10856
Burkina Faso	5350	19.6	2	4795	17.5	2	17215	6094	62	27360
Burundi	276	10.7	1	201	7.8	1	2091		215	2568
Cabo Verde	90	22.3	3	0	0.0	3	313		0	403
Cambodia	9457	53.6	3	133	0.8	1	8062		452	17652
Cameroon	18816	39.8	2	12715	26.9	1	15740		273	47271
Canada	347069	38.2	3	40866	4.5	3	521416	8499	89116	909351
Cayman Islands	13	52.9	3	0	0.0	3	11		2	24
Central African Republic	22170	35.6	1	32731	52.5	1	7397	978	0	62298
Chad	4875	3.9	1	19563	15.5	1	101482		2480	125920

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**Table 1. Forest and other wooded land 2015**

Country/Territory	Forest			Other wooded land			Other land		Inland water	Land area
	1 000 ha	% of land area	Tier status	1 000 ha	% of land area	Tier status	1 000 ha	of which with tree cover	1 000 ha	1 000 ha
Chile	17735	23.9	3	14645	19.7	3	41973	0	1256	74353
China	208321	22.1	3	103637	11.0	3	630572		17470	942530
Colombia	58502	52.7	2	16352	14.7	2	36097		3225	110950
Comoros	37	19.9	3	26	14.0	3	123		0	186
Congo	22334	65.4	2	10479	30.7	2	1337		50	34150
Cook Islands	15	64.0	1	0	0.0	1	9		0	24
Costa Rica	2756	54.0	3	8	0.2	2	2342		4	5106
Côte d'Ivoire	10401	32.7	1	2554	8.0	1	18845	493	446	31800
Croatia	1922	34.3	2	569	10.2	2	3105	205	63	5596
Cuba	3200	30.1	1	332	3.1	1	7112		345	10644
Cyprus	173	18.7	1	213	23.1	1	538	10	1	924
Czech Republic	2667	34.5	2	0	0.0	1	5055	93	165	7722
Democratic People's Republic of Korea	5031	41.8	1	0	0.0	1	7010		13	12041
Democratic Republic of the Congo	152578	67.3	1	11513	5.1	1	62614		7781	226705
Denmark	612	14.4	3	46	1.1	3	3585	3	66	4243
Djibouti	6	0.2	1	220	9.5	1	2092		2	2318
Dominica	43	57.8	1	r	0.4	1	31		0	75
Dominican Republic	1983	41.0	3	302	6.3	3	2547	361	35	4832
Ecuador	12548	50.5	3	0	0.0	1	12288		801	24836
Egypt	73	0.1	1	20	0.0	1	99452		600	99545
El Salvador	265	12.8	1	204	9.8	1	1603	180	32	2072
Equatorial Guinea	1568	55.9	1	9	0.3	1	1228	0	0	2805
Eritrea	1510	15.0	1	7132	70.6	1	1458		1660	10100
Estonia	2232	52.7	3	224	5.3	3	1783		284	4239
Ethiopia	12499	11.4	2	40631	37.1	1	56501		799	109631
Falkland Islands (Malvinas)*	0	0.0	1	0	0.0	1	1217	0	0	1217
Faroe Islands	r	0.1	1	0	0.0	1	139		1	139
Fiji	1017	55.7	2	97	5.3	2	713	63	0	1827
Finland	22218	73.1	3	801	2.6	3	7371	231	3452	30390
France	16989	31.0	3	590	1.1	3	37187	320	153	54766
French Guiana	8130	98.6	3	0	0.0	3	112	0	154	8242
French Polynesia	155	42.3	1	0	0.0	1	211	50	34	366
Gabon	23000	89.3	2	0	0.0	2	2767	0	1000	25767
Gambia	488	48.8	2	99	9.9	2	413		130	1000
Georgia	2822	40.6	2	7	0.1	2	4120		21	6949
Germany	11419	32.8	3	0	0.0	3	23442	1400	851	34861
Ghana	9337	41.0	2	0	0.0	2	13417		1100	22754
Gibraltar	0	0.0	1	0	0.0	1	1	0	0	1

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**Table 1. Forest and other wooded land 2015**

Country/Territory	Forest			Other wooded land			Other land		Inland water	Land area
	1 000 ha	% of land area	Tier status	1 000 ha	% of land area	Tier status	1 000 ha	of which with tree cover	1 000 ha	1 000 ha
Greece	4054	31.5	1	2492	19.3	1	6344		306	12890
Greenland	r	0.0	1	8	0.0	1	41037	0	0	41045
Grenada	17	50.0	1	1	3.6	1	16	r	0	34
Guadeloupe	71	42.5	2	12	7.0	2	85		2	168
Guam	25	46.3	2	0	0.0	1	29		0	54
Guatemala	3540	33.0	2	1334	12.4	2	5842	200	173	10716
Guernsey	r	2.6	1	0	0.0	1	8	0	0	8
Guinea	6364	25.9	1	5850	23.8	1	12358		14	24572
Guinea-Bissau	1972	70.1	1	224	8.0	1	616		801	2812
Guyana	16526	84.0	2	1795	9.1	2	1364		1812	19685
Haiti	97	3.5	1	0	0.0	1	2659		19	2756
Holy See	0	0.0	1	0	0.0	1	r	0	0	r
Honduras	4592	41.0	1	1619	14.5	1	4978		60	11189
Hungary	2069	22.7	3	121	1.3	3	6937	103	176	9127
Iceland	49	0.5	3	144	1.4	3	9832	10	275	10025
India	70682	23.8	3	4124	1.4	3	222513	1366	31407	297319
Indonesia	91010	53.0	3	26748	15.6	2	54099	10748	9300	171857
Iran (Islamic Republic of)	10692	5.8	2	3627	2.0	2	170487	83	2590	184806
Iraq	825	1.9	1	259	0.6	1	42348	70	92	43432
Ireland	754	10.9	3	47	0.7	3	6088		138	6889
Isle of Man	3	6.1	1	0	0.0	1	54	0	r	57
Israel	165	7.6	3	60	2.8	3	1939	1	43	2164
Italy	9297	31.6	3	1813	6.2	3	18304		720	29414
Jamaica	335	31.0	2	187	17.3	2	561	83	16	1083
Japan	24958	68.5	3	0	0.0	3	11492		1345	36450
Jersey	1	5.2	1	0	0.0	1	11	0	r	12
Jordan	98	1.1	1	51	0.6	1	8730	222	54	8878
Kazakhstan	3309	1.2	1	16479	6.1	1	250182	3	2520	269970
Kenya	4413	7.8	2	9365	16.5	2	43136		1123	56914
Kiribati	12	15.0	1	0	0.0	1	69	65	0	81
Kuwait	6	0.4	1	0	0.0	1	1776		0	1782
Kyrgyzstan	637	3.3	2	704	3.7	2	17775		879	19116
Lao People's Democratic Republic	18761	81.3	2	2846	12.3	1	1473		600	23080
Latvia	3356	54.0	3	112	1.8	3	2752	29	228	6220
Lebanon	137	13.4	3	106	10.4	3	780	114	22	1023
Lesotho	49	1.6	1	96	3.2	1	2890		0	3035
Liberia	4179	43.4	2	0	0.0	2	5453	179197	1505	9632
Libya	217	0.1	1	330	0.2	1	175407		0	175954
Liechtenstein	7	43.1	1	1	3.1	1	9		0	16
Lithuania	2180	34.8	3	104	1.7	3	3984	63	263	6268

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**Table 1. Forest and other wooded land 2015**

Country/Territory	Forest			Other wooded land			Other land		Inland water	Land area
	1 000 ha	% of land area	Tier status	1 000 ha	% of land area	Tier status	1 000 ha	of which with tree cover	1 000 ha	1 000 ha
Luxembourg	87	33.5	1	1	0.5	1	171		0	259
Madagascar	12473	21.4	1	14466	24.9	1	31215		550	58154
Malawi	3147	33.4	2	0	0.0	2	6281		2420	9428
Malaysia	22195	67.6	3	0	0.0	1	10660	0	225	32855
Maldives	1	3.3	1	0	0.0	1	29		0	30
Mali	4715	3.9	2	19406	15.9	2	97898		2000	122019
Malta	r	1.1	1	0	0.0	1	32		0	32
Marshall Islands	13	70.2	1	0	0.0	1	5		0	18
Martinique	49	45.8	3	1	1.0	3	56	5	r	106
Mauritania	225	0.2	1	3040	2.9	1	99806	10	0	103070
Mauritius	39	19.2	1	12	5.9	1	151		3	201
Mayotte	6	15.5	1	1	2.8	1	31	27	0	38
Mexico	66040	34.0	3	19715	10.1	3	108640		2043	194395
Micronesia (Federated States of)	64	91.9	1	0	0.0	1	6		r	70
Monaco	0	0.0	1	0	0.0	1	r	r	0	r
Mongolia	12553	8.1	2	5125	3.3	2	137679	0	1056	155356
Montenegro	827	61.5	2	137	10.2	2	381		36	1345
Montserrat	3	25.0	1	2	16.0	1	6		0	10
Morocco	5632	12.6	2	580	1.3	2	38418	1273	25	44630
Mozambique	37940	48.2	3	14421	18.3	3	26277		1300	78638
Myanmar	29041	44.2	2	15080	22.9	2	21634		1903	65755
Namibia	6919	8.4	2	8107	9.8	2	67303		100	82329
Nauru	0	0.0	1	0	0.0	1	2		0	2
Nepal	3636	25.4	2	1897	13.2	2	8802		383	14335
Netherlands	376	11.1	3	0	0.0	1	2999		787	3375
Netherlands Antilles**	1	1.5	2	33	40.9	2	46		0	80
New Caledonia	839	45.9	1	371	20.3	1	618	0	30	1828
New Zealand	10152	38.6	3	1060	4.0	3	15119		440	26331
Nicaragua	3114	25.9	3	2219	18.4	3	6701		1003	12034
Niger	1142	0.9	2	3140	2.5	2	122388	8000	30	126670
Nigeria	6993	7.7	1	2681	2.9	1	81403	270	1300	91077
Niue	18	69.6	1	0	0.0	1	8		0	26
Norfolk Island	0	11.5	1	0	0.0	1	4		0	4
Northern Mariana Islands	29	64.1	1	0	0.0	1	17		0	46
Norway	12112	39.8	3	2012	6.6	3	16303		1951	30427
Occupied Palestinian Territory	9	1.5	1	0	0.0	1	593		0	602
Oman	2	0.0	1	1303	4.2	1	29645	50	0	30950
Pakistan	1472	1.9	1	1521	2.0	1	74095		2522	77088
Palau	40	87.6	3	0	0.0	3	6		0	46
Panama	4617	62.1	3	532	7.2	3	2285		108	7434

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 1. Forest and other wooded land 2015**

Country/Territory	Forest			Other wooded land			Other land		Inland water	Land area
	1 000 ha	% of land area	Tier status	1 000 ha	% of land area	Tier status	1 000 ha	of which with tree cover	1 000 ha	1 000 ha
Papua New Guinea	33559	72.5	2	4087	8.8	2	8666	68	579	46312
Paraguay	15323	38.6	3	0	0.0	3	24407		945	39730
Peru	73973	57.8	2	9403	7.3	2	44624	58	522	128000
Philippines	8040	27.0	3	7036	23.6	3	14741		183	29817
Pitcairn	4	74.5	1	1	10.6	1	1	0	0	5
Poland	9435	30.8	2	0	0.0	2	21187		646	30622
Portugal	3182	35.3	3	1725	19.1	3	4119		183	9026
Puerto Rico	496	57.9	3	0	0.0	1	360		8	856
Qatar	0	0.0	1	1	0.0	1	1100		0	1100
Republic of Korea	6184	63.7	3	0	0.0	1	3526		280	9710
Republic of Moldova	409	12.4	1	74	2.3	1	2802		100	3285
Réunion	88	35.2	1	51	20.4	1	111		1	250
Romania	6861	29.8	3	90	0.4	3	16051	706	837	23002
Russian Federation	814931	49.8	3	74925	4.6	2	747832	20328	72137	1637687
Rwanda	480	19.5	1	61	2.5	1	1926		167	2467
Saint Helena, Ascension and Tristan da Cunha	2	5.1	1	0	0.0	1	37		0	39
Saint Kitts and Nevis	11	42.3	2	2	8.5	2	13	r	0	26
Saint Lucia	20	33.3	3	9	14.1	3	32	r	1	61
Saint Martin (French part)	1	21.2	2	2	36.1	2	2		r	5
Saint Pierre and Miquelon	3	12.2	1	0	0.0	1	20		1	23
Saint Vincent and the Grenadines	27	69.2	1	0	0.0	1	12	3	0	39
Saint-Barthélemy	0	0.0	1	1	23.8	1	2	0	0	2
Samoa	171	60.4	1	22	7.8	1	90	63	1	283
San Marino	0	0.0	1	0	0.0	1	6		0	6
Sao Tome and Principe	54	55.8	2	0	0.0	2	42	31	0	96
Saudi Arabia	977	0.5	1	1117	0.5	1	212875	705	0	214969
Senegal	8273	43.0	2	5250	27.3	2	5730	1230	419	19253
Serbia	2720	31.1	3	508	5.8	1	5518	155	90	8746
Seychelles	41	88.4	2	0	0.0	2	5	0	0	46
Sierra Leone	3044	42.5	1	200	2.8	1	3918	15	12	7162
Singapore	16	23.4	3	4	6.3	2	49	20	1	70
Slovakia	1940	40.3	3	0	0.0	1	2869	275	95	4809
Slovenia	1248	62.0	3	23	1.1	3	743	33	13	2014
Solomon Islands	2185	78.1	1	129	4.6	1	485		91	2799
Somalia	6363	10.1	1	0	0.0	1	56371	0	1032	62734
South Africa	9241	7.6	2	24558	20.2	2	87648	30	462	121447
South Sudan	7157	11.3	2	32582	51.6	2	23434		444	63173
Spain	18418	36.9	3	9209	18.5	3	22253	405	657	49880
Sri Lanka	2070	33.0	3	52	0.8	3	4149		290	6271

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Country/Territory	Forest			Other wooded land			Other land		Inland water	Land area
	1 000 ha	% of land area	Tier status	1 000 ha	% of land area	Tier status	1 000 ha	of which with tree cover	1 000 ha	1 000 ha
Sudan	19210	10.3	1	20677	11.1	1	146778		1290	186665
Suriname	15332	95.4	2	0	0.0	1	734		316	16066
Svalbard and Jan Mayen Islands	0	0.0	2	0	0.0	2	6100	0	40	6100
Swaziland	586	34.1	2	496	28.8	2	638		16	1720
Sweden	28073	68.4	3	2432	5.9	3	10529	864	3996	41034
Switzerland	1254	31.4	3	70	1.8	3	2676	318	128	4000
Syrian Arab Republic	491	2.7	1	35	0.2	1	17837	231	140	18363
Tajikistan	412	3.0	2	142	1.0	2	13340	102	259	13894
Thailand	16399	32.1	2	0	0.0	1	34690		223	51089
The former Yugoslav Republic of Macedonia	998	39.6	1	143	5.7	2	1381		49	2522
Timor-Leste	686	46.1	1	0	0.0	1	801		0	1487
Togo	188	3.5	1	1246	22.9	1	4005		240	5439
Tokelau	0	0.0	1	0	0.0	1	1		0	1
Tonga	9	12.5	1	1	1.4	1	62	43	3	72
Trinidad and Tobago	234	45.7	3	129	25.1	3	150	50	0	513
Tunisia	1041	6.7	2	293	1.9	2	14202	2242	825	15536
Turkey	11715	15.2	2	10130	13.2	2	55118	2934	1393	76963
Turkmenistan	4127	8.8	1	0	0.0	1	42866		1817	46993
Turks and Caicos Islands	34	80.0	1	0	0.0	1	9		0	43
Tuvalu	1	33.3	1	0	0.0	1	2		0	3
Uganda	2077	10.4	2	2879	14.4	2	15025		4174	19981
Ukraine	9657	16.7	2	26	0.0	2	48255	907	2417	57938
United Arab Emirates	323	3.9	1	5	0.1	1	8033	188	0	8360
United Kingdom	3144	13.0	3	20	0.1	1	21029	24	168	24193
United Republic of Tanzania	46060	52.0	3	7984	9.0	3	34536		6150	88580
United States of America	310095	33.8	3	21279	2.3	3	584818	27668	47011	916192
United States Virgin Islands	18	50.3	3	0	0.0	1	17		0	35
Uruguay	1845	10.5	3	4	0.0	1	15654	13	120	17502
Uzbekistan	3220	7.3	2	115	0.3	2	40730	358	831	44066
Vanuatu	440	36.1	1	476	39.0	1	303		0	1219
Venezuela (Bolivarian Republic of)	46683	52.9	2	7847	8.9	2	33675		3000	88205
Viet Nam	14773	47.6	3	456	1.5	1	15778		2089	31007
Wallis and Futuna Islands	6	41.7	2	4	26.3	2	4	3	r	14
Western Sahara	707	2.7	1	0	0.0	1	25893		0	26600
Yemen	549	1.0	1	1406	2.7	1	50842	500	0	52797
Zambia	48635	65.4	3	6108	8.2	3	19596		922	74339
Zimbabwe	14062	36.4	2	0	0.0	2	24623	0	391	38685

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 2. Extent of forest 1990–2015**

Country/Territory	Forest area (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Afghanistan	1350	1350	1350	1350	1350	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Albania	789	769	782	776	772	1	-2.0	-0.3	0.7	0.1	-1.0	-0.1	-0.7	-0.1
Algeria	1667	1579	1536	1918	1956	2	-8.8	-0.5	33.9	2.0	7.6	0.4	11.6	0.6
American Samoa	18	18	18	18	18	1	0.0	-0.2	0.0	-0.2	0.0	-0.2	0.0	-0.2
Andorra	16	16	16	16	16	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Angola	60976	59728	59104	58480	57856	1	-124.8	-0.2	-124.8	-0.2	-124.8	-0.2	-124.8	-0.2
Anguilla	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Antigua and Barbuda	10	10	10	10	10	1	0.0	-0.3	0.0	-0.2	0.0	0.0	0.0	-0.2
Argentina	34793	31860	30186	28596	27112	2	-293.3	-0.9	-326.4	-1.1	-296.8	-1.1	-307.2	-1.0
Armenia	335	333	332	331	332	1	-0.2	-0.1	-0.2	-0.1	0.2	0.1	-0.1	0.0
Aruba	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Australia	128541	128841	127641	123211	124751	2	30.0	0.0	-563.0	-0.4	308.0	0.2	-151.6	-0.1
Austria	3776	3838	3851	3860	3869	3	6.2	0.2	2.2	0.1	1.8	0.0	3.7	0.1
Azerbaijan	852	872	877	1008	1139	1	2.0	0.2	13.7	1.5	26.2	2.5	11.5	1.2
Bahamas	515	515	515	515	515	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	r	r	r	1	1	1	0.0	5.6	0.0	3.6	0.0	2.8	0.0	4.2
Bangladesh	1494	1468	1455	1442	1429	3	-2.6	-0.2	-2.6	-0.2	-2.6	-0.2	-2.6	-0.2
Barbados	6	6	6	6	6	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Belarus	7780	8273	8436	8534	8634	2	49.3	0.6	26.1	0.3	19.9	0.2	34.1	0.4
Belgium	677	667	674	681	683	3	-1.0	-0.2	1.4	0.2	0.4	0.1	0.2	0.0
Belize	1616	1459	1417	1391	1366	1	-15.7	-1.0	-6.8	-0.5	-5.0	-0.4	-10.0	-0.7
Benin	5761	5061	4811	4561	4311	1	-70.0	-1.3	-50.0	-1.0	-50.0	-1.1	-58.0	-1.2
Bermuda	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bhutan	2507	2606	2656	2705	2755	2	9.9	0.4	9.9	0.4	9.9	0.4	9.9	0.4
Bolivia (Plurinational State of)	62795	60091	58734	56209	54764	1	-270.4	-0.4	-388.2	-0.7	-289.0	-0.5	-321.2	-0.5
Bosnia and Herzegovina	2210	2185	2185	2185	2185	1	-2.5	-0.1	0.0	0.0	0.0	0.0	-1.0	0.0
Botswana	13718	12535	11943	11351	10840	1	-118.3	-0.9	-118.4	-1.0	-102.2	-0.9	-115.1	-0.9
Brazil	546705	521274	506734	498458	493538	1	-2543.1	-0.5	-2281.6	-0.4	-984.0	-0.2	-2126.7	-0.4
British Virgin Islands	4	4	4	4	4	1	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	-0.1
Brunei Darussalam	413	397	389	380	380	1	-1.6	-0.4	-1.7	-0.4	0.0	0.0	-1.3	-0.3
Bulgaria	3327	3375	3651	3737	3823	3	4.8	0.1	36.2	1.0	17.2	0.5	19.8	0.6
Burkina Faso	6847	6248	5949	5649	5350	2	-59.9	-0.9	-59.9	-1.0	-59.8	-1.1	-59.9	-1.0
Burundi	289	198	181	253	276	1	-9.1	-3.7	5.5	2.5	4.6	1.8	-0.5	-0.2
Cabo Verde	58	82	84	85	90	2	2.4	3.6	0.3	0.4	1.0	1.1	1.3	1.8
Cambodia	12944	11546	10731	10094	9457	3	-139.8	-1.1	-145.2	-1.3	-127.4	-1.3	-139.5	-1.2
Cameroon	24316	22116	21016	19916	18816	1	-220.0	-0.9	-220.0	-1.0	-220.0	-1.1	-220.0	-1.0
Canada	348273	347802	347576	347302	347069	1	-47.1	0.0	-50.0	0.0	-46.6	0.0	-48.2	0.0
Cayman Islands	13	13	13	13	13	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Central African Republic	22560	22404	22326	22248	22170	1	-15.6	-0.1	-15.6	-0.1	-15.6	-0.1	-15.6	-0.1
Chad	6705	6326	6141	5508	4875	1	-37.9	-0.6	-81.8	-1.4	-126.6	-2.4	-73.2	-1.3
Chile	15263	15834	16042	16231	17735	3	57.1	0.4	39.7	0.2	300.8	1.8	98.9	0.6

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	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
China	157141	177001	193044	200610	208321	3	1986.0	1.2	2361.0	1.3	1542.2	0.8
Colombia	64417	61798	60201	58635	58502	2	-261.9	-0.4	-316.3	-0.5	-26.7	0.0
Comoros	49	45	42	39	37	1	-0.4	-0.8	-0.6	-1.4	-0.4	-1.0
Congo	22726	22556	22471	22411	22334	1	-17.0	-0.1	-14.5	-0.1	-15.4	-0.1
Cook Islands	14	15	15	15	15	1	0.1	0.5	0.0	0.0	0.0	0.0
Costa Rica	2564	2376	2491	2605	2756	3	-18.8	-0.8	22.9	0.9	30.2	1.1
Côte d'Ivoire	10222	10328	10405	10403	10401	1	10.6	0.1	7.5	0.1	-0.4	0.0
Croatia	1850	1885	1903	1920	1922	2	3.5	0.2	3.5	0.2	0.4	0.0
Cuba	2058	2435	2697	2932	3200	1	37.7	1.7	49.7	1.9	53.6	1.8
Cyprus	161	172	173	173	173	1	1.1	0.6	0.1	0.1	0.0	0.0
Czech Republic	2629	2637	2647	2657	2667	2	0.8	0.0	2.0	0.1	2.0	0.1
Democratic People's Republic of Korea	8201	6933	6299	5666	5031	1	-126.8	-1.7	-126.7	-2.0	-127.0	-2.3
Democratic Republic of the Congo	160363	157249	155692	154135	152578	1	-311.4	-0.2	-311.4	-0.2	-311.4	-0.2
Denmark	543	586	558	587	612	3	4.2	0.8	0.2	0.0	5.0	0.8
Djibouti	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0
Dominica	50	47	46	45	43	1	-0.3	-0.5	-0.3	-0.6	-0.3	-0.6
Dominican Republic	1105	1486	1652	1817	1983	3	38.1	3.0	33.1	2.0	33.2	1.8
Ecuador	14631	13729	13335	12942	12548	3	-90.2	-0.6	-78.7	-0.6	-78.7	-0.6
Egypt	44	59	67	70	73	1	1.5	3.0	1.1	1.7	0.6	0.8
El Salvador	377	332	309	287	265	1	-4.5	-1.3	-4.5	-1.4	-4.4	-1.6
Equatorial Guinea	1860	1743	1685	1626	1568	1	-11.7	-0.6	-11.7	-0.7	-11.6	-0.7
Eritrea	1621	1576	1554	1532	1510	1	-4.5	-0.3	-4.4	-0.3	-4.4	-0.3
Estonia	2206	2243	2252	2234	2232	3	3.7	0.2	-0.9	0.0	-0.4	0.0
Ethiopia	15114	13705	13000	12296	12499	2	-140.9	-1.0	-140.9	-1.1	40.6	0.3
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0	
Faroe Islands	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0
Fiji	953	980	997	993	1017	2	2.8	0.3	1.2	0.1	4.9	0.5
Finland	21875	22445	22143	22218	22218	3	57.0	0.3	-22.7	-0.1	0.0	0.0
France	14436	15289	15861	16424	16989	3	85.3	0.6	113.5	0.7	113.0	0.7
French Guiana	8218	8182	8168	8138	8130	2	-3.6	0.0	-4.4	-0.1	-1.6	0.0
French Polynesia	55	105	130	155	155	1	5.0	6.7	5.0	4.0	0.0	4.0
Gabon	22000	22000	22000	22000	23000	2	0.0	0.0	0.0	0.0	200.0	0.9
Gambia	442	461	471	480	488	1	1.9	0.4	1.9	0.4	1.6	0.3
Georgia	2752	2761	2773	2822	2822	2	0.8	0.0	6.2	0.2	0.0	0.0
Germany	11300	11354	11384	11409	11419	3	5.4	0.0	5.5	0.0	2.0	0.0
Ghana	8627	8909	9053	9195	9337	2	28.2	0.3	28.6	0.3	28.4	0.3
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0	
Greece	3299	3601	3752	3903	4054	1	30.2	0.9	30.2	0.8	30.2	0.8
Greenland	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0

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	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Grenada	17	17	17	17	17	1	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	73	73	73	72	71	2	0.0	0.0	-0.1	-0.2	0.0	-0.1
Guam	25	25	25	25	25	1	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	4748	4208	3938	3722	3540	2	-54.0	-1.2	-48.6	-1.2	-36.4	-1.0
Guernsey	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0
Guinea	7264	6904	6724	6544	6364	1	-36.0	-0.5	-36.0	-0.5	-36.0	-0.6
Guinea-Bissau	2216	2120	2072	2022	1972	1	-9.6	-0.4	-9.8	-0.5	-10.0	-0.5
Guyana	16660	16622	16602	16576	16526	2	-3.8	0.0	-4.6	0.0	-10.0	-0.1
Haiti	116	109	105	101	97	1	-0.7	-0.6	-0.8	-0.8	-0.8	-0.8
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	
Honduras	8136	6392	5792	5192	4592	1	-174.4	-2.4	-120.0	-2.1	-120.0	-2.4
Hungary	1801	1917	1983	2046	2069	3	11.6	0.6	12.9	0.7	4.6	0.2
Iceland	16	29	37	43	49	3	1.3	6.0	1.4	4.0	1.3	2.9
India	63939	65390	67709	69790	70682	3	145.1	0.2	440.0	0.7	178.4	0.3
Indonesia	118545	99409	97857	94432	91010	3	-1913.6	-1.7	-497.7	-0.5	-684.4	-0.7
Iran (Islamic Republic of)	9076	9326	10692	10692	10692	2	25.0	0.3	136.6	1.4	0.0	0.0
Iraq	804	818	825	825	825	1	1.4	0.2	0.7	0.1	0.0	0.8
Ireland	465	635	695	726	754	3	17.0	3.2	9.1	1.3	5.7	0.8
Isle of Man	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0
Israel	132	153	155	154	165	3	2.1	1.5	0.1	0.1	2.2	1.3
Italy	7590	8369	8759	9028	9297	3	77.9	1.0	65.9	0.8	53.8	0.6
Jamaica	345	341	339	337	335	2	-0.4	-0.1	-0.4	-0.1	-0.4	-0.1
Japan	24950	24876	24935	24966	24958	3	-7.4	0.0	9.0	0.0	-1.6	0.0
Jersey	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Jordan	98	98	98	98	98	1	0.0	0.0	0.0	0.0	0.0	0.0
Kazakhstan	3422	3365	3337	3309	3309	1	-5.7	-0.2	-5.6	-0.2	0.0	0.0
Kenya	4724	3557	4047	4230	4413	2	-116.7	-2.8	67.3	1.7	36.6	0.9
Kiribati	12	12	12	12	12	1	0.0	0.0	0.0	0.0	0.0	0.0
Kuwait	3	5	6	6	6	1	0.1	3.5	0.1	2.6	0.0	0.1
Kyrgyzstan	836	858	869	677	637	2	2.2	0.3	-18.1	-2.3	-8.0	-1.2
Lao People's Democratic Republic	17645	16526	16870	17816	18761	2	-111.9	-0.7	129.0	0.8	189.2	1.0
Latvia	3173	3241	3297	3354	3356	2	6.8	0.2	11.3	0.3	0.4	0.0
Lebanon	131	131	137	137	137	1	0.0	0.0	0.6	0.4	0.1	0.3
Lesotho	40	42	43	44	49	1	0.2	0.5	0.2	0.5	1.0	2.2
Liberia	4929	4629	4479	4329	4179	1	-30.0	-0.6	-30.0	-0.7	-30.0	-0.7
Libya	217	217	217	217	217	1	0.0	0.0	0.0	0.0	0.0	0.0
Liechtenstein	7	7	7	7	7	1	0.0	0.6	0.0	0.0	0.0	0.2
Lithuania	1945	2020	2121	2170	2180	3	7.5	0.4	15.0	0.7	2.0	0.1
Luxembourg	86	87	87	87	87	1	0.1	0.1	0.0	0.0	0.0	0.0
Madagascar	13692	13023	12838	12553	12473	1	-66.9	-0.5	-47.0	-0.4	-16.0	-0.1
Malawi	3896	3567	3402	3237	3147	2	-32.9	-0.9	-33.0	-1.0	-18.0	-0.6

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 2. Extent of forest 1990–2015**

Country/Territory	Forest area (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Malaysia	22376	21591	20890	22124	22195	3	-78.5	-0.4	53.3	0.2	14.2	0.1	-7.2	0.0
Maldives	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mali	6690	5900	5505	5110	4715	1	-79.0	-1.2	-79.0	-1.4	-79.0	-1.6	-79.0	-1.4
Malta	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands	13	13	13	13	13	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Martinique	49	49	49	49	49	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	415	317	267	242	225	1	-9.8	-2.7	-7.5	-2.7	-3.5	-1.5	-7.6	-2.4
Mauritius	41	42	38	38	39	1	0.1	0.2	-0.4	-0.9	0.0	0.1	-0.1	-0.3
Mayotte	11	9	8	7	6	1	-0.2	-2.0	-0.2	-2.5	-0.2	-3.0	-0.2	-2.4
Mexico	69760	67856	67083	66498	66040	2	-190.4	-0.3	-135.8	-0.2	-91.6	-0.1	-148.8	-0.2
Micronesia (Federated States of)	64	64	64	64	64	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monaco	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Mongolia	12536	11717	11308	13039	12553	1	-81.9	-0.7	132.2	1.1	-97.3	-0.8	0.7	0.0
Montenegro	626	626	626	827	827	2	0.0	0.0	20.1	2.8	0.0	0.0	8.0	1.1
Montserrat	4	3	3	3	3	1	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-1.3
Morocco	4954	4993	5401	5672	5632	2	3.9	0.1	67.9	1.3	-8.0	-0.1	27.1	0.5
Mozambique	43378	41188	40079	38972	37940	2	-219.0	-0.5	-221.6	-0.6	-206.4	-0.5	-217.5	-0.5
Myanmar	39218	34868	33321	31773	29041	2	-435.0	-1.2	-309.5	-0.9	-546.4	-1.8	-407.1	-1.2
Namibia	8762	8032	7661	7290	6919	1	-73.0	-0.9	-74.2	-1.0	-74.2	-1.0	-73.7	-0.9
Nauru	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Nepal	4817	3900	3636	3636	3636	1	-91.7	-2.1	-26.4	-0.7	0.0	0.0	-47.2	-1.1
Netherlands	345	360	365	373	376	3	1.5	0.4	1.3	0.4	0.6	0.2	1.2	0.3
Netherlands Antilles**	1	1	1	1	1	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Caledonia	839	839	839	839	839	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	9658	10139	10183	10151	10152	3	48.1	0.5	1.2	0.0	0.2	0.0	19.8	0.2
Nicaragua	4514	3814	3464	3114	3114	3	-70.0	-1.7	-70.0	-2.0	0.0	0.0	-56.0	-1.5
Niger	1945	1328	1266	1204	1142	2	-61.7	-3.7	-12.4	-1.0	-12.4	-1.1	-32.1	-2.1
Nigeria	17234	13137	11089	9041	6993	1	-409.7	-2.7	-409.6	-3.7	-409.6	-5.0	-409.6	-3.5
Niue	21	20	19	19	18	1	-0.1	-0.5	-0.1	-0.5	-0.1	-0.5	-0.1	-0.5
Norfolk Island	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Mariana Islands	34	32	31	30	29	1	-0.2	-0.5	-0.2	-0.5	-0.2	-0.5	-0.2	-0.5
Norway	12132	12113	12092	12102	12112	3	-1.9	0.0	-1.1	0.0	2.0	0.0	-0.8	0.0
Occupied Palestinian Territory	9	9	9	9	9	1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Oman	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	2527	2116	1902	1687	1472	1	-41.1	-1.8	-42.9	-2.2	-43.0	-2.7	-42.2	-2.1
Palau	38	40	40	40	40	3	0.1	0.4	0.1	0.2	0.0	0.0	0.1	0.2
Panama	5040	4867	4782	4699	4617	3	-17.3	-0.3	-16.8	-0.4	-16.4	-0.4	-16.9	-0.4
Papua New Guinea	33627	33600	33586	33573	33559	2	-2.7	0.0	-2.7	0.0	-2.8	0.0	-2.7	0.0
Paraguay	21157	19368	18475	16950	15323	2	-178.9	-0.9	-241.8	-1.3	-325.4	-2.0	-233.4	-1.3
Peru	77921	76147	75528	74811	73973	2	-177.4	-0.2	-133.6	-0.2	-167.6	-0.2	-157.9	-0.2
Philippines	6555	7027	7074	6840	8040	2	47.2	0.7	-18.7	-0.3	240.0	3.3	59.4	0.8

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 2. Extent of forest 1990–2015**

Country/Territory	Forest area (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Pitcairn	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Poland	8881	9059	9200	9329	9435	2	17.8	0.2	27.0	0.3	21.2	0.2
Portugal	3436	3343	3296	3239	3182	3	-9.3	-0.3	-10.4	-0.3	-11.4	-0.4
Puerto Rico	287	450	463	479	496	3	16.3	4.6	2.9	0.6	3.3	0.7
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea	6370	6288	6255	6222	6184	3	-8.2	-0.1	-6.6	-0.1	-7.6	-0.1
Republic of Moldova	319	324	363	386	409	1	0.5	0.2	6.2	1.8	4.6	1.2
Réunion	87	87	85	88	88	1	0.0	0.0	0.1	0.1	0.0	0.0
Romania	6371	6366	6391	6515	6861	3	-0.5	0.0	14.9	0.2	69.2	1.0
Russian Federation	808950	809269	808790	815136	814931	2	31.9	0.0	586.7	0.1	-41.0	0.0
Rwanda	318	344	385	446	480	1	2.6	0.8	10.2	2.6	6.8	1.5
Saint Helena, Ascension and Tristan da Cunha	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Saint Kitts and Nevis	11	11	11	11	11	2	0.0	0.0	0.0	0.0	0.0	0.0
Saint Lucia	22	21	21	21	20	2	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3
Saint Martin (French part)	1	1	1	1	1	2	0.0	0.0	0.0	0.0	0.0	0.0
Saint Pierre and Miquelon	3	3	3	3	3	1	0.0	-0.6	0.0	-1.0	0.0	-0.7
Saint Vincent and the Grenadines	25	26	26	27	27	1	0.1	0.4	0.1	0.4	0.0	0.1
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
Samoa	130	171	171	171	171	1	4.1	2.8	0.0	0.0	0.0	1.6
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Sao Tome and Principe	56	56	56	54	54	2	0.0	0.0	-0.2	-0.4	0.0	0.0
Saudi Arabia	977	977	977	977	977	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	9348	8898	8673	8473	8273	2	-45.0	-0.5	-42.5	-0.5	-40.0	-0.5
Serbia	2313	2460	2476	2713	2720	3	14.7	0.6	25.3	1.0	1.4	0.1
Seychelles	41	41	41	41	41	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	3118	2922	2824	2726	3044	1	-19.6	-0.6	-19.6	-0.7	63.6	2.2
Singapore	16	16	16	16	16	1	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	1922	1921	1932	1939	1940	3	-0.1	0.0	1.8	0.1	0.2	0.0
Slovenia	1188	1233	1243	1247	1248	3	4.5	0.4	1.4	0.1	0.2	0.0
Solomon Islands	2324	2268	2241	2213	2185	1	-5.6	-0.2	-5.5	-0.2	-5.6	-0.3
Somalia	8282	7515	7131	6747	6363	1	-76.7	-1.0	-76.8	-1.1	-76.8	-1.2
South Africa	9241	9241	9241	9241	9241	1	0.0	0.0	0.0	0.0	0.0	0.0
South Sudan	7157	7157	7157	7157	7157	1	0.0	0.0	0.0	0.0	0.0	0.0
Spain	13809	16977	17282	18247	18418	3	316.7	2.1	127.0	0.7	34.1	0.2
Sri Lanka	2284	2192	2118	2103	2070	1	-9.2	-0.4	-8.9	-0.4	-6.6	-0.3
Sudan	23570	21826	20954	20082	19210	1	-174.4	-0.8	-174.4	-0.8	-174.4	-0.9
Suriname	15430	15391	15371	15351	15332	2	-3.9	0.0	-4.0	0.0	-3.8	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	2	0.0		0.0		0.0	
Swaziland	472	518	541	563	586	2	4.6	0.9	4.5	0.8	4.6	0.8
Sweden	28063	28163	28218	28073	28073	3	10.0	0.0	-9.0	0.0	0.0	0.4
Switzerland	1151	1194	1217	1235	1254	3	4.3	0.4	4.1	0.3	3.8	0.3

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	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Syrian Arab Republic	372	432	461	491	491	1	6.0	1.5	5.9	1.3	0.0	0.0
Tajikistan	408	410	410	410	412	2	0.2	0.0	0.0	0.0	0.4	0.1
Thailand	14005	17011	16100	16249	16399	2	300.6	2.0	-76.2	-0.5	30.0	0.2
The former Yugoslav Republic of Macedonia	912	958	975	998	998	1	4.6	0.5	4.0	0.4	0.0	0.0
Timor-Leste	966	854	798	742	686	1	-11.2	-1.2	-11.2	-1.4	-11.2	-1.6
Togo	685	486	386	287	188	1	-19.9	-3.4	-19.9	-5.1	-19.8	-8.1
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	9	9	9	9	9	1	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	241	234	230	226	234	2	-0.7	-0.3	-0.7	-0.3	1.6	0.7
Tunisia	643	837	915	990	1041	2	19.4	2.7	15.3	1.7	10.2	1.0
Turkey	9622	10183	10662	11203	11715	2	56.1	0.6	102.0	1.0	102.4	0.9
Turkmenistan	4127	4127	4127	4127	4127	1	0.0	0.0	0.0	0.0	0.0	0.0
Turks and Caicos Islands	34	34	34	34	34	1	0.0	0.0	0.0	0.0	0.0	0.0
Tuvalu	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	4751	3869	3429	2753	2077	2	-88.2	-2.0	-111.6	-3.3	-135.2	-5.5
Ukraine	9274	9510	9575	9548	9657	2	23.6	0.3	3.8	0.0	21.8	0.2
United Arab Emirates	245	310	312	317	323	1	6.5	2.4	0.7	0.2	1.1	0.3
United Kingdom	2778	2954	3021	3059	3144	2	17.6	0.6	10.5	0.3	17.0	0.5
United Republic of Tanzania	55920	51920	49920	47920	46060	2	-400.0	-0.7	-400.0	-0.8	-372.0	-0.8
United States of America	302450	303536	304757	308720	310095	3	108.6	0.0	518.4	0.2	275.0	0.1
United States Virgin Islands	24	20	19	18	18	3	-0.3	-1.4	-0.2	-1.2	-0.1	-0.6
Uruguay	798	1370	1522	1731	1845	2	57.2	5.6	36.2	2.4	22.7	1.3
Uzbekistan	3045	3212	3295	3276	3220	2	16.7	0.5	6.4	0.2	-11.1	-0.3
Vanuatu	440	440	440	440	440	1	0.0	0.0	0.0	0.0	0.0	0.0
Venezuela (Bolivarian Republic of)	52026	49151	47713	47505	46683	2	-287.5	-0.6	-164.6	-0.3	-164.4	-0.3
Viet Nam	9363	11727	13077	14128	14773	2	236.4	2.3	240.1	1.9	129.0	0.9
Wallis and Futuna Islands	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0
Western Sahara	707	707	707	707	707	1	0.0	0.0	0.0	0.0	0.0	0.0
Yemen	549	549	549	549	549	1	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	52800	51134	50301	49468	48635	2	-166.6	-0.3	-166.6	-0.3	-166.6	-0.3
Zimbabwe	22164	18894	17259	15624	14062	1	-327.0	-1.6	-327.0	-1.9	-312.4	-2.1

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\*Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part)

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 3. Other wooded land 1990–2015**

Country/Territory	Other wooded land area (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Afghanistan	29471	29471	29471	29471	29471	1	0.0	0.0	0.0	0.0	0.0	0.0
Albania	256	255	258	255	256	1	-0.1	0.0	0.0	0.0	0.2	0.1
Algeria	2063	2374	2529	2457	2569	1	31.1	1.4	8.3	0.3	22.4	0.9
American Samoa	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Andorra	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Angola	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Anguilla	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Antigua and Barbuda	16	16	16	16	16	1	0.0	0.0	0.0	0.0	0.0	0.0
Argentina	61100	61732	64122	64687	64376	2	63.2	0.1	295.5	0.5	-62.2	-0.1
Armenia	41	52	58	63	63	1	1.1	2.4	1.1	1.9	0.0	0.0
Aruba	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Australia				250961		1	0.0		0.0			
Austria	118	117	127	140	153	3	-0.1	-0.1	2.3	1.8	2.6	1.8
Azerbaijan	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Bahamas	36	36	36	36	36	1	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	r	r	r	r	r	1	0.0		0.0		0.0	0.0
Bangladesh	269	279	284	289	294	1	1.0	0.4	1.0	0.4	1.0	0.4
Barbados	1	1	1	1	1	2	0.0	0.0	0.0	0.0	0.0	0.0
Belarus	491	490	486	513	540	2	-0.1	0.0	2.3	0.5	5.4	1.0
Belgium	21	27	30	33	36	3	0.6	2.7	0.6	1.9	0.6	1.7
Belize	75	94	104	113	200	1	1.9	2.3	1.9	1.9	17.4	12.1
Benin	2889	2889	2889	2889	2889	1	0.0	0.0	0.0	0.0	0.0	0.0
Bermuda	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Bhutan	274	337	369	401	432	2	6.3	2.1	6.3	1.7	6.3	1.5
Bolivia (Plurinational State of)	2473	2473	2473	2473	2473	1	0.0	0.0	0.0	0.0	0.0	0.0
Bosnia and Herzegovina	500	549	549	549	549	1	4.9	0.9	0.0	0.0	0.0	2.0
Botswana	34791	34791	34791	34791	34791	1	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	48809	44469	42257	40532	39535	1	-434.0	-0.9	-393.7	-0.9	-199.4	-0.5
British Virgin Islands	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Brunei Darussalam	43	47	48	50	50	1	0.4	0.9	0.3	0.6	0.0	0.3
Bulgaria	130	105	26	24	22	3	-2.5	-2.1	-8.1	-13.7	-0.4	-1.7
Burkina Faso	5861	5435	5222	5009	4795	2	-42.6	-0.8	-42.6	-0.8	-42.8	-0.9
Burundi	50	48	42	189	201	1	-0.2	-0.4	14.1	14.7	2.4	1.2
Cabo Verde	0	0	0	0	0	2	0.0		0.0		0.0	0.0
Cambodia	335	300	133	133	133	1	-3.5	-1.1	-16.7	-7.8	0.0	-8.1
Cameroon	12715	12715	12715	12715	12715	1	0.0	0.0	0.0	0.0	0.0	0.0
Canada	40866	40866	40866	40866	40866	1	0.0	0.0	0.0	0.0	0.0	0.0
Cayman Islands	0	0	0	0	0	3	0.0		0.0		0.0	0.0
Central African Republic	10122	10122	10122	38383	32731	1	0.0	0.0	2826.1	14.3	-1130.4	-3.1
Chad	26906	25383	24644	22103	19563	1	-152.3	-0.6	-328.0	-1.4	-508.0	-2.4
Chile	15063	14721	14674	14658	14645	3	-34.2	-0.2	-6.3	0.0	-2.6	0.0
China	101498	97683	104333	105098	103637	3	-381.5	-0.4	741.5	0.7	-292.2	-0.3

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Country/Territory	Other wooded land area (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Colombia	9226	12076	13501	14927	16352	2	285.0	2.7	285.0	2.1	285.0	1.8
Comoros	26	26	26	26	26	1	0.0	0.0	0.0	0.0	0.0	0.0
Congo	10649	10581	10547	10513	10479	1	-6.8	-0.1	-6.8	-0.1	-6.8	-0.1
Cook Islands	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Costa Rica	15	10	11	12	8	2	-0.5	-4.0	0.2	1.8	-0.7	-6.9
Côte d'Ivoire	2675	2662	2626	2590	2554	1	-1.3	0.0	-7.2	-0.3	-7.2	-0.3
Croatia	277	415	484	554	569	2	13.8	4.1	13.9	2.9	3.0	0.5
Cuba	254	264	388	277	332	1	1.0	0.4	1.3	0.5	11.0	3.7
Cyprus	195	214	214	213	213	1	1.9	0.9	-0.1	0.0	0.0	0.7
Czech Republic	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Democratic People's Republic of Korea	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Democratic Republic of the Congo	11513	11513	11513	11513	11513	1	0.0	0.0	0.0	0.0	0.0	0.0
Denmark	136	136	42	47	46	3	0.0	0.0	-8.9	-10.1	-0.3	-0.6
Djibouti	220	220	220	220	220	1	0.0	0.0	0.0	0.0	0.0	0.0
Dominica	r	r	r	r	r	1	0.0	2.3	0.0	1.8	0.0	1.3
Dominican Republic	436	681	782	436	302	3	24.5	4.6	-24.5	-4.4	-26.8	-7.1
Egypt	20	20	20	20	20	1	0.0	0.0	0.0	0.0	0.0	0.0
El Salvador	204	204	204	204	204	1	0.0	0.0	0.0	0.0	0.0	0.0
Equatorial Guinea	7	8	8	8	9	1	0.1	1.3	0.0	0.0	0.2	2.4
Eritrea	7569	7361	7257	7153	7132	1	-20.8	-0.3	-20.8	-0.3	-4.2	-0.1
Estonia	196	208	213	219	224	3	1.2	0.6	1.1	0.5	1.0	0.5
Ethiopia	44650	44650	44650	44650	40631	1	0.0	0.0	0.0	0.0	-803.8	-1.9
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Faroe Islands	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Fiji	45	60	69	83	97	2	1.5	2.9	2.3	3.2	2.8	3.1
Finland	926	823	1111	801	801	3	-10.3	-1.2	-2.2	-0.3	0.0	0.0
France	2038	1804	887	739	590	3	-23.4	-1.2	-106.5	-8.5	-29.8	-4.4
French Guiana	0	0	0	0	0	3	0.0		0.0	0.0	0.0	0.0
French Polynesia	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Gabon	0	0	0	0	0	2	0.0		0.0	0.0	0.0	0.0
Gambia	119	111	107	103	99	1	-0.8	-0.7	-0.8	-0.7	-0.8	-0.8
Georgia	80	72	26	7	7	2	-0.8	-1.0	-6.5	-20.9	0.0	0.0
Germany	0	0	0	0	0	3	0.0		0.0	0.0	0.0	0.0
Ghana	0	0	0	0	0	2	0.0		0.0	0.0	0.0	0.0
Gibraltar	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Greece	3212	2924	2780	2636	2492	1	-28.8	-0.9	-28.8	-1.0	-28.8	-1.1
Greenland	8	8	8	8	8	1	0.0	0.0	0.0	0.0	0.0	0.0
Grenada	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	12	12	12	12	12	2	0.0	-0.1	0.0	-0.3	0.0	-0.3
Guam	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Guatemala	1672	1522	1371	1342	1334	2	-15.0	-0.9	-18.0	-1.3	-1.6	-0.1
Guernsey	0	0	0	0	0	1	0.0		0.0		0.0	
Guinea	5850	5850	5850	5850	5850	1	0.0	0.0	0.0	0.0	0.0	0.0
Guinea-Bissau	293	241	236	230	224	1	-5.2	-1.9	-1.1	-0.5	-1.2	-0.5
Guyana	1795	1795	1795	1795	1795	2	0.0	0.0	0.0	0.0	0.0	0.0
Haiti	0	0	0	0	0	1	0.0		0.0		0.0	
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	
Honduras	899	1187	1331	1475	1619	1	28.8	2.8	28.8	2.2	28.8	1.9
Hungary	0	0	0	0	121	1	0.0		0.0		24.2	4.8
Iceland	122	130	135	139	144	3	0.8	0.6	0.9	0.7	1.0	0.7
India	5894	4732	3848	4138	4124	3	-116.2	-2.2	-59.4	-1.3	-2.8	-0.1
Indonesia	22627	22627	22206	21003	26748	2	0.0	0.0	-162.4	-0.7	1149.0	5.0
Iran (Islamic Republic of)	5340	5340	5340	5340	3627	1	0.0	0.0	0.0	0.0	-342.6	-7.4
Iraq	259	259	259	259	259	1	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	49	49	50	47	47	3	0.0	0.0	-0.2	-0.5	0.0	0.0
Isle of Man	0	0	0	0	0	1	0.0		0.0		0.0	
Israel	34	33	33	33	60	3	-0.1	-0.3	0.0	0.0	5.4	12.7
Italy	1533	1650	1708	1761	1813	3	11.7	0.7	11.1	0.7	10.4	0.6
Jamaica	190	189	188	188	187	2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Japan	0	0	0	0	0	3	0.0		0.0		0.0	
Jersey	0	0	0	0	0	1	0.0		0.0		0.0	
Jordan	51	51	51	51	51	1	0.0	0.0	0.0	0.0	0.0	0.0
Kazakhstan	13049	14765	15622	16479	16479	1	171.6	1.2	171.4	1.1	0.0	0.0
Kenya	10035	9843	9939	9652	9365	2	-19.2	-0.2	-19.1	-0.2	-57.4	-0.6
Kiribati	0	0	0	0	0	1	0.0		0.0		0.0	
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0	
Kyrgyzstan	283	303	313	620	704	2	2.0	0.7	31.7	7.4	16.8	2.6
Lao People's Democratic Republic	3215	3866	3731	3288	2846	1	65.1	1.9	-57.8	-1.6	-88.5	-2.8
Latvia	115	123	118	113	112	2	0.8	0.7	-1.0	-0.8	-0.2	-0.2
Lebanon	117	117	106	106	106	1	0.0	0.0	-1.1	-1.0	0.0	0.0
Lesotho	142	120	108	97	96	1	-2.2	-1.7	-2.3	-2.1	-0.2	-0.2
Liberia	0	0	0	0	0	2	0.0		0.0		0.0	
Libya	330	330	330	330	330	1	0.0	0.0	0.0	0.0	0.0	0.0
Liechtenstein	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Lithuania	80	83	73	84	104	3	0.3	0.4	0.1	0.1	4.0	4.4
Luxembourg	3	1	1	1	1	1	-0.1	-6.7	0.0	0.0	0.0	-0.1
Madagascar	21148	18453	17054	15688	14466	1	-269.5	-1.4	-276.5	-1.6	-244.4	-1.6
Malawi	0	0	0	0	0	2	0.0		0.0		0.0	
Malaysia	0	0	0	0	0	1	0.0		0.0		0.0	
Maldives	0	0	0	0	0	1	0.0		0.0		0.0	
Mali	29781	25631	23556	21481	19406	1	-415.0	-1.5	-415.0	-1.8	-415.0	-2.0

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Malta	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Marshall Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Martinique	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	3110	3110	3110	3060	3040	1	0.0	0.0	-5.0	-0.2	-4.0	-0.1	-2.8	-0.1
Mauritius	18	18	12	12	12	1	0.0	0.0	-0.6	-3.8	-0.1	-0.5	-0.2	-1.6
Mayotte	r	r	r	r	1	1	0.0	0.0	0.0	0.0	0.1	23.6	0.0	4.3
Mexico	21008	20592	20378	20076	19715	2	-41.6	-0.2	-51.6	-0.3	-72.2	-0.4	-51.7	-0.3
Micronesia (Federated States of)	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Monaco	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Mongolia	4855	3401	2674	4551	5125	1	-145.4	-3.5	115.0	3.0	114.8	2.4	10.8	0.2
Montenegro	118	118	118	137	137	2	0.0	0.0	1.9	1.5	0.0	0.0	0.8	0.6
Montserrat	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Morocco	407	407	607	607	580	2	0.0	0.0	20.0	4.1	-5.4	-0.9	6.9	1.4
Mozambique	15146	14856	14711	14566	14421	2	-29.0	-0.2	-29.0	-0.2	-29.0	-0.2	-29.0	-0.2
Myanmar	19498	19703	19908	20113	15080	2	20.5	0.1	41.0	0.2	-1006.6	-5.6	-176.7	-1.0
Namibia	9023	8656	8473	8290	8107	1	-36.7	-0.4	-36.6	-0.4	-36.6	-0.4	-36.6	-0.4
Nauru	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Nepal	1180	1753	1897	1897	1897	1	57.3	4.0	14.4	0.8	0.0	0.0	28.7	1.9
Netherlands	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Netherlands Antilles**	33	33	33	33	33	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Caledonia	371	371	371	371	371	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	1259	1148	1129	1122	1060	3	-11.1	-0.9	-2.6	-0.2	-12.4	-1.1	-8.0	-0.7
Nicaragua	2219	2219	2219	2219	2219	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niger	4640	4040	3740	3440	3140	2	-60.0	-1.4	-60.0	-1.6	-60.0	-1.8	-60.0	-1.5
Nigeria	9717	6902	5495	4088	2681	1	-281.5	-3.4	-281.4	-5.1	-281.4	-8.1	-281.4	-5.0
Niue	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Norfolk Island	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Northern Mariana Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Norway	1868	1869	1870	1941	2012	3	0.1	0.0	7.2	0.4	14.2	0.7	5.8	0.3
Occupied Palestinian Territory	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Oman	1303	1303	1303	1303	1303	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	1191	1323	1389	1455	1521	1	13.2	1.1	13.2	1.0	13.2	0.9	13.2	1.0
Palau	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
Panama	452	485	501	517	532	3	3.3	0.7	3.2	0.6	3.0	0.6	3.2	0.7
Papua New Guinea	4337	4237	4187	4137	4087	2	-10.0	-0.2	-10.0	-0.2	-10.0	-0.2	-10.0	-0.2
Paraguay	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Peru	9403	9403	9403	9403	9403	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Philippines	3221	6703	7629	7333	7036	2	348.2	7.6	63.0	0.9	-59.4	-0.8	152.6	3.2
Pitcairn	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poland	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Portugal	1091	1218	1281	1503	1725	3	12.7	1.1	28.5	2.1	44.4	2.8	25.4	1.8

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Puerto Rico	0	0	0	0	0	1	0.0		0.0		0.0	
Qatar	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Republic of Moldova	31	31	66	70	74	1	0.0	0.0	3.9	8.5	0.8	1.1
Réunion	57	54	54	51	51	1	-0.3	-0.5	-0.3	-0.6	0.0	-0.2
Romania	314	234	352	404	90	3	-8.0	-2.9	17.0	5.6	-62.8	-25.9
Russian Federation	74990	71607	73169	75812	74925	2	-338.3	-0.5	420.6	0.6	-177.5	-0.2
Rwanda	175	61	61	61	61	1	-11.4	-10.0	0.0	0.0	0.0	-4.6
Saint Helena, Ascension and Tristan da Cunha	0	0	0	0	0	1	0.0		0.0		0.0	
Saint Kitts and Nevis	2	2	2	2	2	2	0.0	0.0	0.0	0.0	0.0	0.0
Saint Lucia	0	0	0	9	9	2	0.0		0.9		0.0	0.3
Saint Martin (French part)	2	2	2	2	2	2	0.0	0.0	0.0	0.0	0.0	0.0
Saint Pierre and Miquelon	0	0	0	0	0	1	0.0		0.0		0.0	
Saint Vincent and the Grenadines	0	0	0	0	0	1	0.0		0.0		0.0	
Saint-Barthélemy	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Samoa	0	22	22	22	22	1	2.2		0.0	0.0	0.0	0.9
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Sao Tome and Principe	0	0	0	0	0	2	0.0		0.0		0.0	
Saudi Arabia	1117	1117	1117	1117	1117	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	5301	5101	5001	5330	5250	2	-20.0	-0.4	22.9	0.4	-16.0	-0.3
Serbia	287	521	521	410	508	1	23.4	6.1	-11.1	-2.4	19.6	4.4
Seychelles	0	0	0	0	0	1	0.0		0.0		0.0	
Sierra Leone	691	440	314	189	200	1	-25.1	-4.4	-25.1	-8.1	2.2	1.1
Singapore	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	0	0	0	0	0	1	0.0		0.0		0.0	
Slovenia	41	38	29	25	23	3	-0.3	-0.8	-1.3	-4.1	-0.4	-1.7
Solomon Islands	98	102	129	129	129	1	0.4	0.4	2.7	2.4	0.0	0.0
Somalia	0	0	0	0	0	1	0.0		0.0		0.0	
South Africa	24558	24558	24558	24558	24558	1	0.0	0.0	0.0	0.0	0.0	0.0
South Sudan	32582	32582	32582	32582	32582	1	0.0	0.0	0.0	0.0	0.0	0.0
Spain	11997	10360	10259	9278	9209	3	-163.7	-1.5	-108.2	-1.1	-13.9	-0.2
Sri Lanka	0	0	0	52	52	1	0.0		5.2		0.0	2.1
Sudan	25290	23447	22524	21601	20677	1	-184.3	-0.8	-184.6	-0.8	-184.6	-0.9
Suriname	0	0	0	0	0	1	0.0		0.0		0.0	
Svalbard and Jan Mayen Islands	0	0	0	0	0	2	0.0		0.0		0.0	
Swaziland	152	289	358	427	496	2	13.7	6.6	13.8	4.0	13.8	3.0
Sweden	2432	2432	2432	2432	2432	3	0.0	0.0	0.0	0.0	0.0	0.0
Switzerland	58	63	67	69	70	3	0.5	0.8	0.6	0.9	0.2	0.5
Syrian Arab Republic	35	35	35	35	35	1	0.0	0.0	0.0	0.0	0.0	0.0
Tajikistan	142	142	142	142	142	2	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	0	0	0	0	0	1	0.0		0.0		0.0	

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 3. Other wooded land 1990–2015**

Country/Territory	Other wooded land area (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
The former Yugoslav Republic of Macedonia	143	143	143	143	143	2	0.0	0.0	0.0	0.0	0.0	0.0
Timor-Leste	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Togo	1246	1246	1246	1246	1246	1	0.0	0.0	0.0	0.0	0.0	0.0
Tokelau	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Tonga	0	0	0	1	1	1	0.0	0.1	0.0	0.0	0.0	0.0
Trinidad and Tobago	69	77	80	84	129	2	0.7	1.0	0.7	0.9	9.0	2.4
Tunisia	328	314	307	300	293	2	-1.4	-0.4	-1.4	-0.5	-1.4	-0.5
Turkey	10946	10679	10586	10334	10130	2	-26.7	-0.2	-34.5	-0.3	-40.8	-0.4
Turkmenistan	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Turks and Caicos Islands	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Tuvalu	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	1370	2377	2880	2879	2879	2	100.7	5.7	50.2	1.9	0.0	60.4
Ukraine	28	41	41	26	26	2	1.3	3.9	-1.5	-4.5	0.0	0.0
United Arab Emirates	4	4	4	4	5	1	0.0	0.5	0.0	0.7	0.0	0.9
United Kingdom	20	20	20	20	20	1	0.0	0.0	0.0	0.0	0.0	0.0
United Republic of Tanzania	18017	13890	11961	10005	7984	2	-412.7	-2.6	-388.5	-3.2	-404.2	-4.4
United States of America	15050	15577	15452	15962	21279	3	52.7	0.3	38.5	0.2	1063.4	5.9
United States Virgin Islands	0	0	0	0	0		0.0	0.0	0.0	0.0	0.0	0.0
Uruguay	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Uzbekistan	1306	1595	904	874	115	2	28.9	2.0	-72.1	-5.8	-151.7	-33.3
Vanuatu	476	476	476	476	476	1	0.0	0.0	0.0	0.0	0.0	0.0
Venezuela (Bolivarian Republic of)	7526	7421	7369	7705	7847	2	-10.5	-0.1	28.4	0.4	28.4	0.4
Viet Nam	1841	1816	1791	1124	456	1	-2.5	-0.1	-69.2	-4.7	-133.6	-16.5
Wallis and Futuna Islands	4	4	4	4	4	1	0.0	0.2	0.0	0.2	0.0	0.2
Western Sahara	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Yemen	1406	1406	1406	1406	1406	1	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	5943	6009	6042	6075	6108	2	6.6	0.1	6.6	0.1	6.6	0.1
Zimbabwe	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 4. Forest expansion 1990–2010**

Country/Territory	Forest expansion (1 000 hectares/year)												Tier status	Tier trend		
	Total				...of which											
					Natural expansion				Afforestation							
	1990	2000	2005	2010	1990	2000	2005	2010	1990	2000	2005	2010				
Algeria	13.4	0.0	18.8	28.0									1	1		
Angola									0.0	0.0	0.0	0.0				
Armenia			2.0	1.2						0.3	1.8	1.0	1	1		
Australia	544.0	316.0	164.0	256.0		257.0	90.0	184.0		59.0	74.0	72.0	2	2		
Austria	14.7	9.8	10.2	10.2	11.1	8.1	9.5	9.5	3.6	1.7	0.7	0.7	3	3		
Bahamas									0.0	0.0	0.0					
Bahrain	r	r	r	r	0.0	0.0	0.0	0.0	r	r	r	r	1	1		
Bangladesh		4.5	4.5	7.3						4.5	4.5	7.3	3	3		
Barbados			0.0	r									2	2		
Belarus	3.8	14.3	24.7	5.6	3.1	5.4	6.6	1.9	0.7	9.0	18.1	3.7	3	3		
Belgium			0.6	1.7		0.2	0.5			0.4	1.2	3	3			
Belize					0.0	0.0	0.0		0.0	0.0	0.0					
Bhutan									0.7	0.2	0.4	0.2	2	2		
Botswana									0.3	0.1			1	1		
Brazil						475.0	226.0	234.0	266.0	316.0			2	2		
Brunei Darussalam	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0	1	1		
Bulgaria		14.8	43.3	3.3		12.1	37.3	3.0	5.8	2.7	6.0	0.3	3	3		
Burkina Faso									0.1	6.4	11.9	15.1				
Cabo Verde									2.4	0.3	0.3	0.3	3	2		
Cambodia	0.0	0.0	0.0	0.0												
Canada	9.0	5.0	2.0						9.0	5.0	2.0		1	1		
Chile									36.6	41.9	64.3	23.2	1	1		
China	2421.3	2421.3	3512.6	2378.9	1151.5	1151.5	1402.8	881.6	1269.8	1269.8	2109.8	1497.3	3	3		
Colombia	495.2	451.0	100.4	1.4	495.2	455.0	100.4	1.4					2	2		
Comoros									0.0	0.0	0.0	0.0				
Congo									3.2	2.4	0.8		1	1		
Cook Islands	14.9	15.5	15.5	15.5									1	1		
Costa Rica						r							3	3		
Croatia									1.6	0.8	0.5	0.9	1	1		
Cuba									0.3	0.3	0.4	0.5	1	1		
Cyprus									0.3	0.3	0.1	r	1	1		
Czech Republic									0.8	0.8	0.4	1	1			
Democratic Republic of the Congo									0.1	0.1	0.1	0.3	1	1		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 4. Forest expansion 1990–2010**

Country/Territory	Forest expansion (1 000 hectares/year)												Tier status	Tier trend		
	Total				...of which											
					Natural expansion				Afforestation							
	1990	2000	2005	2010	1990	2000	2005	2010	1990	2000	2005	2010				
Denmark	4.0	4.0	4.0	5.0	0.0	0.0	0.0	0.0	4.0	4.0	4.0	5.0	3	3		
Dominican Republic									1.7	4.4	7.0	8.4	2	2		
Ecuador		37.1	33.2	29.3									3	3		
Egypt		1.5	1.6		0.0	0.0	0.0			1.5	1.6		1	1		
El Salvador									0.3	0.3	0.3		1	1		
Equatorial Guinea	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Eritrea					16.2	0.1				1.4	2.0					
Estonia	3.8	2.6	2.5	1.4	2.1	1.2	1.5	1.0	1.8	1.4	1.0	0.5	3	3		
Ethiopia								3.0			6.7		2	2		
Falkland Islands (Malvinas)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Faroe Islands	0.0	0.0	0.0	0.0									1	1		
Fiji									1.3	3.1	1.3	1.5	2	2		
Finland	6.0	10.0	5.0	4.0	3.0	3.0	2.0	2.0	2.0	7.0	3.0	3.0	3	3		
France	65.5				54.8				10.7				2			
French Guiana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	3		
French Polynesia	5.0	5.0	5.0	0.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	1	1		
Gabon									0.0	0.0	0.0		2	2		
Georgia		8.3	11.9	49.9		8.3	11.9	49.9		0.0	0.0	0.0	2	2		
Germany	12.0	7.0	11.0	11.0	4.0	2.0	2.0	2.0	8.0	5.0	9.0	9.0	3	3		
Ghana			28.0	28.0			8.0	8.0					2	1		
Gibraltar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Greenland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Grenada									0.0	0.0	0.0					
Guadeloupe	2.8	2.8	0.4	0.4									2	2		
Guernsey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Guinea	1.2	2.1	2.1	2.1	0.0	0.0	0.0	0.0	1.2	2.1	2.1	2.1	1	1		
Guyana									0.0	0.0	0.0		1	1		
Holy See	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Honduras					0.0	0.0	0.0		0.0	0.0	0.0		1	1		
Hungary	14.2	16.1	13.1	7.3					7.5	10.9	12.0	5.0	3	3		
Iceland	0.7	1.5	1.5	1.3	0.1	0.1	0.1	0.1	0.6	1.4	1.5	1.2	3	3		
India									1133.0	1007.0	993.0	1038.0				
Indonesia	60.2	85.9	938.6	1910.1					60.2	85.9	938.6	1910.1	2	1		
Iran (Islamic Republic of)		1.9	3.4	1.9					1.9	3.4	1.9	2	1			

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 4. Forest expansion 1990–2010**

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 4. Forest expansion 1990–2010**

Country/Territory	Forest expansion (1 000 hectares/year)												Tier status	Tier trend		
	Total				...of which											
					Natural expansion				Afforestation							
	1990	2000	2005	2010	1990	2000	2005	2010	1990	2000	2005	2010				
Netherlands	1.4	1.0	1.0	1.0					1.4	1.0	1.0	1.0	1	1		
New Caledonia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
New Zealand	28.0	40.0	9.0	10.0					28.0	40.0	9.0	10.0	3	3		
Nicaragua											0.8	15.3	3	2		
Niger		12.8	12.8		0.0	0.0	0.0		12.8	12.8			1	1		
Nigeria	251.0	316.0	349.0	382.0									1	1		
Norway									1.4	0.7	0.2	0.2	2	2		
Pakistan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Panama									1.4	4.0	2.9	2.6	1	1		
Poland			16.8	6.1		0.4	0.2	7.8	20.6	16.5	5.9	2	2			
Portugal			37.1	25.6									3	3		
Puerto Rico	7.2	7.2	3.3	3.3	7.2	7.2	3.3	3.3					3	3		
Qatar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Republic of Moldova										1.0	1.0					
Réunion			0.5	0.0		0.5		0.0	0.0	0.0	0.0	0.0	1	1		
Romania				1.1				r	4.8	1.3	4.0	1.0	3	3		
Russian Federation	82.1	66.7	70.2	1269.1	43.3	58.3	1262.5	82.1	23.5	11.9	6.6	1	1			
Rwanda									10.1	14.4	6.5		1	1		
Saint Kitts and Nevis	0.0	0.0	0.0	0.0					0.0	0.0	0.0	0.0	2	2		
Saint Lucia					0.0	0.0	0.0		0.0	0.0	0.0		2	1		
Saint Pierre and Miquelon	0.0	0.0	0.0	0.0									1	1		
Saint Vincent and the Grenadines								r	r				1	1		
Samoa					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Sao Tome and Principe	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	2		
Saudi Arabia										0.2						
Senegal	10.8	11.2	20.5	32.3	3.6	2.4	7.8	8.9	7.1	8.9	12.8	23.5	3	3		
Serbia		147.0	16.0	237.0		145.0	15.0	235.0	12.0	1.7	1.1	2.1	3	2		
Seychelles	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		1	1		
Sierra Leone									0.1	0.0	0.7		1	1		
Slovakia									2.3	r	r		3	3		
Slovenia		5.1	1.9	1.4		5.1	1.9	1.4	0.0	0.0	0.0	0.0	3	3		
Solomon Islands					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Somalia									0.0	0.0	0.0		1	1		
South Africa									30.3	5.4	2.7	2.2	2	1		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 4. Forest expansion 1990–2010**

Country/Territory	Forest expansion (1 000 hectares/year)												Tier status	Tier trend		
	Total				...of which											
					Natural expansion				Afforestation							
	1990	2000	2005	2010	1990	2000	2005	2010	1990	2000	2005	2010				
Spain		277.8	89.2	120.2		167.6	52.2	99.4	46.7	110.1	37.0	20.8	1	1		
Sri Lanka	0.0	0.0	0.0	0.0									1	1		
Sudan	75.0	70.0	60.0	50.0	57.0	54.0	40.0	33.0	18.0	16.0	20.0	17.0	1	1		
Suriname									0.0	0.0	0.0	0.0	1	1		
Svalbard and Jan Mayen Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	2		
Sweden	20.5			24.7	20.0			24.6	0.4			r	3	3		
Switzerland	4.7	6.4	7.2	8.1		6.3	7.2	8.1		0.1	r	0.0	3	3		
Syrian Arab Republic									5.9	12.6			1	1		
Tajikistan									1.5	0.1	0.3	0.3	3	2		
Thailand	0.0	0.0	0.0	15.4								15.4	2	2		
Timor-Leste										r	r	r	1	1		
Togo									0.0	0.0	0.0	0.0				
Tokelau	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Tonga							0.0				0.1		1	1		
Trinidad and Tobago					0.0	0.0	0.0		0.0	0.0	0.0		3	2		
Tunisia	22.6	15.6	15.4	10.2					22.6	15.6	15.4	10.2	3	2		
Turkey			56.3	156.9			2.6	61.3	56.4	20.5	53.7	95.6	1	1		
Tuvalu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Uganda									0.0	0.0	0.0	0.0	1	1		
Ukraine									15.1	5.0	12.5	24.2	2	2		
United Arab Emirates					0.0	0.0	0.0			0.4	0.7		1	1		
United Kingdom	22.0	16.0	10.0	9.0									1	1		
United Republic of Tanzania	50.0	70.0	80.0	100.0					50.0	70.0	80.0	100.0	3	2		
United States of America	109.0	244.0	793.0	275.0	49.0	122.0	594.0	247.0	60.0	122.0	198.0	28.0	1	1		
Uruguay	10.8	63.8	29.6	22.4					10.8	63.8	29.6	22.4	3	2		
Uzbekistan	18.0	41.0	42.0	42.0	3.0	6.5	8.0	8.0	15.0	19.0	22.0	22.0	3	3		
Venezuela (Bolivarian Republic of)			16.3	19.4						16.3	19.4	1	1			
Viet Nam	38.0	175.1	682.2	304.5	5.7	56.8	543.2	106.9	32.3	118.2	138.9	197.6	3	2		
Wallis and Futuna Islands									r	r	r	r				
Yemen									0.0	0.0	0.0	0.0	1	1		
Zimbabwe	3.0	6.0	6.0	6.0									1	1		

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**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 5. Deforestation 1990–2010\***

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**Table 5. Deforestation 1990–2010\***

Country/Territory	Deforestation (1 000 hectares/year)								Tier status	Tier trend		
	Total				...of which human induced							
	1990	2000	2005	2010	1990	2000	2005	2010				
Guyana					4.0	4.0	4.0	10.0	3	3		
Holy See	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Hungary	0.3	0.5	0.5	0.4	0.3	0.5	0.5	0.4	3	3		
Iceland			r	r			r	r	3	3		
Indonesia	1.9	3.5	1.2	0.5					2	2		
Iran (Islamic Republic of)			2.8	13.7			2.8	13.7	1	1		
Ireland			1.0	1.6			1.0	1.6	3	1		
Isle of Man	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Italy				3.7				3.7	3	1		
Jamaica	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2	2		
Jersey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Kenya		112.4				112.4			2	2		
Lao People's Democratic Republic	21.9	35.3	75.2	75.2					3	1		
Latvia			0.4	0.3			0.4	0.3	3	2		
Liberia	0.0	0.2	0.0	0.2					1	1		
Liechtenstein	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Lithuania		0.0	0.1	r		0.0	0.1	r	3	3		
Madagascar						67.0	37.0	57.0	1	1		
Malawi								17.9	2	1		
Malaysia								4.2	1	1		
Maldives	0.0	0.0	0.0	0.0					1	1		
Mali	84.0	109.0	144.0	146.0	84.0	109.0	144.0	146.0	1	1		
Malta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Mauritania		9.8	10.0	3.5		9.8	10.0	3.5	1	1		
Mauritius	0.0	0.1	r	r	0.0	0.1	r	r	1	1		
Mexico			583.0	440.6					3	2		
Monaco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Mozambique			219.0	219.0			219.0	219.0	3	2		
Nauru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Netherlands				0.5				0.5	2	2		
New Caledonia	0.0	0.0	0.0	0.0					1	1		
New Zealand			12.0	3.0			12.0	3.0	3	3		
Nicaragua			70.0				70.0		2	2		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**
**Table 5. Deforestation 1990–2010\***

Country/Territory	Deforestation (1 000 hectares/year)								Tier status	Tier trend		
	Total				...of which human induced							
	1990	2000	2005	2010	1990	2000	2005	2010				
Norway	3.0	6.0	6.0	8.0	3.0	6.0	6.0	8.0	3	3		
Peru	177.0	143.0	126.0	165.0					2	2		
Philippines	47.2	47.2	47.0	47.0					2	2		
Poland	0.7	0.5	0.6	0.6	0.7	0.5	0.6	0.6	2	2		
Portugal			46.4	37.0					3	3		
Qatar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Republic of Korea		6.0	6.0	7.0		6.0	6.0	7.0	3	3		
Réunion				0.5				0.5	1	1		
Russian Federation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	3		
Saint Pierre and Miquelon	20.0	20.0	20.0	20.0					2	1		
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Sao Tome and Principe	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	1		
Serbia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Slovenia		0.2	0.1	0.7		0.2	0.1	0.7	3	3		
Spain				5.7					3	3		
Sudan	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	1	1		
Suriname		3.9	3.9	3.9		3.4	3.4	3.4	2	1		
Svalbard and Jan Mayen Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	2		
Sweden	23.9			14.0	23.9			14.0	3	3		
Switzerland	0.3	2.3	3.3	4.3		1.0	1.3	1.6	3	3		
Tokelau	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Tuvalu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
United Kingdom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	1		
United Republic of Tanzania	400.0	400.0	400.0	372.0	400.0	400.0	400.0	372.0	3	2		
United States Virgin Islands	0.4	0.4	0.1	0.1	0.4	0.4	0.1	0.1	3	3		
Uruguay	0.0	0.0	0.0	0.0	0.0	0.0		0.0	3	1		
Venezuela (Bolivarian Republic of)	288.0	288.0	288.0	164.6	288.0	288.0	288.0	164.6	2	2		
Viet Nam				3.9				3.9	3	2		
Zambia					250.0	250.0	250.0	287.0	2	1		
Zimbabwe				309.0				309.0	2	1		

\* It should be noted that reported data is considered very weak as most countries do not collect this information.

\*\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 6. Reforestation 1990–2010**

Country/Territory	Reforestation (1 000 hectares/year)								Tier Status	Tier trend		
	Total				...of which artificial							
	1990	2000	2005	2010	1990	2000	2005	2010				
Albania	2.9	0.1	0.2		2.9	0.1	0.2		1	1		
Algeria	25.0	14.4	29.8	46.0	1.5	6.5	8.5		1	1		
Armenia		1.7	21.3	6.8			2.0		1	1		
Austria	75.5	67.4	75.7	75.7	7.5	4.1	3.6	3.6	3	3		
Azerbaijan		5.9	9.6	10.7		2.4	3.8	3.5	1	1		
Bahamas					0.0	0.0	0.0					
Bahrain	0.0	0.0	0.0	0.0					0.0	1		
Bangladesh		7.3	14.5	8.1		7.3	14.5	8.1	3	3		
Belarus	27.3	27.8	34.4	2.5	27.3	27.8	34.4	2.5	3	3		
Belgium			2.8	2.2			2.8	1.9	3	3		
Benin	0.3	0.4	0.8	14.6	0.3	0.4	0.8	14.6	1	1		
Bhutan	0.2	0.1	0.1	0.3	0.2	0.1	0.1	0.3	2	2		
Bolivia (Plurinational State of)	9.0	5.0	2.0	3.0					1	1		
Brazil	363.0	375.0	429.0	519.0					1	1		
Brunei Darussalam	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1	1		
Bulgaria	20.3	37.4	55.2	22.4	20.3	4.1	2.8	2.3	3	3		
Burkina Faso	6.6	5.4	9.9	14.0	6.6	5.4	9.9	14.0	1	1		
Burundi				5.4					1			
Cambodia	0.6	0.7	5.9	5.9	0.6	0.7	5.9	5.9	2	2		
Canada	496.0	482.0	480.0	401.0	496.0	482.0	480.0	401.0	1	1		
Central African Republic		0.2	0.4	0.4		0.2	0.4	0.4	1	1		
Chad	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1	1		
Chile	63.7	54.0	59.9	75.1	63.7	54.0	59.9	75.1	1	1		
China	625.9	630.1	311.7	290.1	625.9	630.1	311.7	290.1	3	3		
Colombia		117.9	121.0						2	2		
Comoros	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	1		
Congo	r	0.2	0.1		r	0.2	0.1		1	1		
Cook Islands	0.0	0.0	0.0	0.0					1	1		
Costa Rica	r	r	r		r	r	r		3	3		
Côte d'Ivoire	3.6	17.8			3.6	17.8	6.0		1	1		
Croatia		6.4	6.9	7.5		0.7	0.6	1.5	1	1		
Cuba	r	r	r	r	r	r	r	r	1	1		
Cyprus	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	2	1		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 6. Reforestation 1990–2010**

Country/Territory	Reforestation (1 000 hectares/year)								Tier Status	Tier trend		
	Total				...of which artificial							
	1990	2000	2005	2010	1990	2000	2005	2010				
Czech Republic	32.9	24.6	22.4	25.6	32.4	21.3	18.4	20.9	2	2		
Denmark		4.0	3.0	3.0		4.0	3.0	3.0	3	3		
Dominican Republic	2.7	5.2	6.5	9.0	2.4	4.7	5.8	8.4	2	2		
Equatorial Guinea	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1	1		
Eritrea						0.0	0.0		1	1		
Estonia	5.7	25.9	19.3	23.8	5.1	6.0	6.8	8.0	1	1		
Ethiopia			3.3				3.3		1	1		
Falkland Islands (Malvinas)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Faroe Islands	0.0	0.0	0.0	0.0					1	1		
Fiji	3.6	2.3	r	4.0	3.6	2.3	r	4.0	3	3		
Finland	162.0	173.0	168.0	140.0	126.0	112.0	134.0	112.0	3	3		
France	20.8				20.8				2			
French Guiana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	3		
French Polynesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Gabon					0.0	0.0	0.0		2	2		
Georgia		0.0	0.0	0.0		0.0	0.0	0.0	2	2		
Germany	30.0	25.0	48.0	48.0	9.0	5.0	7.0	7.0	3	3		
Ghana			20.0	20.0			20.0	20.0	2	1		
Gibraltar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Greenland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Grenada					0.0	0.0	0.0		1	1		
Guatemala	5.0	8.0	9.0	10.0	5.0	8.0	9.0	10.0	1	1		
Guernsey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Guinea					0.0	0.0	0.0	0.0	1	1		
Guyana				r	0.0	0.0	0.0		1	1		
Haiti	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1	1		
Holy See	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Honduras					0.0	0.0	0.0		1	1		
Hungary	22.2	20.4	20.1	14.2	22.2	20.4	20.1	14.2	3	3		
Iceland	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	3	3		
Indonesia	60.7	33.0	525.3	866.7	60.7	33.0	153.9	542.3	3	3		
Iran (Islamic Republic of)	86.5	129.1	47.9	37.8		51.4	47.9	37.8	2	1		
Ireland	4.1	8.8	8.7	6.6	4.1	8.8	8.7	6.6	3	3		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 6. Reforestation 1990–2010**

Country/Territory	Reforestation (1 000 hectares/year)								Tier Status	Tier trend		
	Total				...of which artificial							
	1990	2000	2005	2010	1990	2000	2005	2010				
Isle of Man	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Israel	0.8	0.8	0.3	0.4	0.8	0.8	0.3	0.4	3	3		
Italy	7.1	6.3	6.0	5.7	4.4	3.3	3.0	2.7	1	1		
Jamaica	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2	2		
Japan	67.0	36.0	29.0	24.0	67.0	36.0	29.0	24.0	3	3		
Jersey	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Jordan	10.0	63.0	33.0		10.0	63.0	33.0		1	1		
Kazakhstan		4.3	12.2			4.3	12.2		1	1		
Kenya			9.2	5.4			9.2	5.4	2	2		
Kiribati					0.0	0.0	0.0	0.0	1	1		
Kuwait					0.0	0.0	0.0		1	1		
Kyrgyzstan	3.0	3.3	2.9	2.0	3.0	3.3	2.9	2.0	2	2		
Latvia	6.1	18.0	33.5	35.5	6.1	8.3	11.3	11.8	3	3		
Lebanon					0.0	0.0	0.0		1	1		
Liberia	0.0	30.0	0.0	30.0	0.0	30.0	0.0	30.0	2	2		
Liechtenstein	0.0	0.0	r	0.0	0.0	0.0	r	0.0	1	1		
Lithuania			18.0	15.8			8.2	8.7	3	3		
Madagascar	4.1	3.6	7.3	28.0	4.1	3.6	7.3	28.0	3	1		
Malawi		1.5	2.0	3.0		1.5	2.0	3.0	2	1		
Malaysia	1.0	6.8	33.0	134.2	1.0	6.8	33.0	134.2	3	3		
Maldives	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Mali	5.0	30.0	65.0	67.0	5.0	30.0	65.0	67.0	1	1		
Malta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Martinique	0.0	0.0	0.0	0.0					1	1		
Mauritania				0.3	0.0	0.0	0.0	0.3	1	1		
Mauritius	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	1	1		
Mayotte	r			0.0	r	0.0	0.0	0.0	1	1		
Monaco	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1	1		
Mongolia	6.0	7.1	6.9		6.0	7.1	6.9		3	3		
Montenegro				0.3				0.1	2	2		
Montserrat					0.0	0.0	0.0	0.0	1	1		
Morocco	13.2	15.2	29.1	36.5	13.2	15.2	20.5	26.5	3	3		
Mozambique					0.0	0.0	0.0	0.0	1	1		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 6. Reforestation 1990–2010**

Country/Territory	Reforestation (1 000 hectares/year)								Tier Status	Tier trend		
	Total				...of which artificial							
	1990	2000	2005	2010	1990	2000	2005	2010				
Myanmar	28.4	30.5	29.6	27.4	28.4	30.5	29.6	27.4	3	2		
Nauru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
New Caledonia	0.0	0.0	0.0	0.0					1	1		
New Zealand	25.0	39.0	40.0	39.0	25.0	39.0	40.0	39.0	3	3		
Niger		2.3	2.3			2.3	2.3		3	3		
Nigeria	146.0	180.0	197.0	214.0					1	1		
Norway	28.9	17.8	11.4	13.2	28.9	17.8	11.4	13.2	2	2		
Paraguay				8.9				8.9	2	2		
Peru	121.2	29.9	42.4		121.2	29.9	42.4		1	1		
Philippines	104.2	33.9	17.4	97.1	104.2	33.9	17.4	97.1	2	2		
Poland	59.1	42.3	46.8	48.4	56.4	37.8	42.1	43.2	2	2		
Qatar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Republic of Korea	38.0	21.0	21.0	21.0	38.0	21.0	21.0	21.0	3	3		
Réunion	0.0	r	r	0.0		r	r	0.0	1	1		
Romania	19.0	11.8	9.9	23.0	19.0	11.8	9.9	9.9	3	3		
Russian Federation	1219.9	1697.8	1057.1	1018.7	390.0	236.2	188.3	170.8	3	3		
Saint Kitts and Nevis					0.0	0.0	0.0	0.0	1	1		
Saint Lucia					0.0	0.0	0.0		2	1		
Saint Pierre and Miquelon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Samoa					0.0	0.0	0.0	0.0	1	1		
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1	1		
Sao Tome and Principe	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	1		
Saudi Arabia			0.2				0.2		1			
Senegal	4.4	5.4	7.8	19.1	4.4	5.4	7.8	19.1	3	3		
Serbia				0.2				0.2	3	2		
Seychelles					0.0	0.0	0.0		1	1		
Sierra Leone	0.0	0.0	0.3	0.3	0.0	0.0	0.3	0.3	1	1		
Slovakia	15.5	11.8	9.1	16.4	15.5	11.8	9.1	10.1	3	3		
Slovenia		0.7	0.6	0.3		0.7	0.6	0.3	3	3		
Solomon Islands	1.0	1.0	1.0		1.0	1.0	1.0		1	1		
Somalia					0.0	0.0	0.0		1	1		
South Africa		60.9	87.7	50.6		60.9	87.7	50.6	3	1		
Spain	24.6	8.2	19.4	8.9	24.6	8.2	19.4	8.9	1	1		

**QUESTION 1: WHAT IS THE AREA OF FOREST AND OTHER WOODED LAND AND HOW HAS IT CHANGED OVER TIME?**

**Table 6. Reforestation 1990–2010**

Country/Territory	Reforestation (1 000 hectares/year)								Tier Status	Tier trend		
	Total				...of which artificial							
	1990	2000	2005	2010	1990	2000	2005	2010				
Sri Lanka	0.0	0.0	0.0	0.0					3	3		
Suriname					0.0	0.0	0.0	0.0	1	1		
Svalbard and Jan Mayen Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	2		
Sweden	248.8	197.8	185.2	172.4	189.2	122.8	136.6	138.3	3	3		
Switzerland		8.8				0.7			3	3		
Syrian Arab Republic	r	r	r		r	r	r		1	1		
Tajikistan	1.5	0.2	0.5	0.5	1.5	0.2	0.5	0.5	3	2		
Thailand	0.0	0.0	0.0	0.0					2	2		
The former Yugoslav Republic of Macedonia	4.0	1.8	1.3		4.0	1.8	1.3		2	2		
Timor-Leste		0.1	0.1	0.1		0.1	0.1	0.1	1	1		
Togo	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1	1		
Tokelau	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1	1		
Tonga			r				r		1	1		
Trinidad and Tobago	0.3	0.6	0.9		0.3	0.6	0.9		3	2		
Tunisia	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	3	2		
Turkey	26.1	15.2	12.8	45.2	26.1	15.2	12.8	45.2	1	1		
Tuvalu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Uganda	1.8	0.8	0.2		1.8	0.8	0.2		1	1		
Ukraine	33.9	32.3	37.1	39.2	33.9	32.3	37.1	39.2	2	2		
United Arab Emirates					0.0	0.0	0.0	0.0	1	1		
United Kingdom	16.0	15.0	17.0	14.0					1	1		
United Republic of Tanzania	15.0	20.0	24.0	27.0	15.0	20.0	22.0	27.0	3	2		
United States of America	3280.0	3640.0	4000.0	2900.0	492.0	546.0	600.0	435.0	1	1		
Uzbekistan	12.0	15.5	12.0	12.0	12.0	15.5	12.0	12.0	3	3		
Venezuela (Bolivarian Republic of)			3.1	4.2			3.1	4.2	1	1		
Viet Nam	116.7	209.5	327.8	37.0				37.0	3	2		
Wallis and Futuna Islands	r	r	r	r	r	r	r	r	1	1		
Yemen					0.0	0.0	0.0	0.0	1	1		
Zambia	1.0	1.0	1.0	1.5	1.0	1.0	1.0	1.5	2	1		
Zimbabwe	3.0	6.0	6.0	6.0	3.0	6.0	6.0	6.0	1	1		

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 7. Forest characteristics 2015**

Country/Territory	Forest area (1 000 ha)								
	Primary			Other naturally regenerated			Planted		
	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status
Albania	85	11.0	1	597	77.3	1	90	11.7	1
Algeria	0	0.0	2	1400	71.6	2	556	28.4	1
Andorra	0		1						
Angola	0	0.0	1	57731	99.8	1	125	0.2	1
Argentina	1738	6.4	2	24172	89.2	2	1202	4.4	2
Armenia	17	5.1	1	293	88.3	1	22	6.6	1
Australia	5039	4.0	2	117695	94.3	2	2017	1.6	3
Austria	114	2.9	2	2063	53.3	3	1692	43.7	3
Bahamas	0	0.0	1	515	100.0	1	0	0.0	1
Bahrain	0	0.0	1	0	0.0	1	1	100.0	1
Bangladesh	411	28.8	2	744	52.1	1	274	19.2	2
Barbados	r	0.0	2	6	99.8		r	0.1	3
Belarus	400	4.6	1	6323	73.2	1	1910	22.1	1
Belgium	0	0.0	3	289	42.3	3	394	57.7	3
Belize	599	43.8	1	765	56.0	1	2	0.2	1
Benin	0	0.0	1	4288	99.5	1	23	0.5	1
Bhutan	413	15.0	3	2320	84.2	3	22	0.8	3
Bolivia (Plurinational State of)	36164	66.0	1	18574	33.9	1	26	0.0	1
Bosnia and Herzegovina	2	0.1	1	1184	54.2	1	999	45.7	1
Botswana	0	0.0	1	10840	100.0	1	0	0.0	1
Brazil	202691	41.1	3	283111	57.4	1	7736	1.6	1
Brunei Darussalam	263	69.3	1	114	30.0	1	3	0.7	1
Burkina Faso	0	0.0	2	5111	95.5	2	239	4.5	1
Burundi	40	14.5	1	116	42.0	1	120	43.5	1
Cabo Verde	0	0.0	3	6	6.3	3	84	93.7	3
Cameroon							26	0.1	
Cambodia	322	3.4	1	9066	95.9	1	69	0.7	1
Canada	205924	59.3	1	125361	36.1	1	15784	4.5	3
Central African Republic	1988	9.0	1	20180	91.0	1	2	0.0	1
Chad			1	4857	99.6	1	18	0.4	1
Chile	5355	30.2	3	9336	52.6	3	3044	17.2	3
China	11632	5.6	3	117707	56.5	3	78982	37.9	3
Colombia							71		1
Comoros	8	21.6	3	26	70.3	3	3	8.1	1
Congo	7407	33.2	1	14856	66.5	1	71	0.3	1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 7. Forest characteristics 2015**

Country/Territory	Forest area								
	Primary			Other naturally regenerated			Planted		
	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status
Cook Islands	0	0.0	1	14	92.9	1	1	7.1	1
Costa Rica	1814	65.8	3	924	33.5	3	18	0.6	3
Côte d'Ivoire	625	6.0	1	9349	89.9	1	427	4.1	1
Croatia	7	0.4	2	1840	95.7	2	75	3.9	2
Cuba	0	0.0	1	2644	82.6	1	556	17.4	1
Cyprus	13	7.7	1	129	74.5	1	31	17.8	1
Czech Republic	10	0.4	1	24	0.9	1	2643	98.7	1
Democratic People's Republic of Korea	701	13.9	1	3626	72.1	1	704	14.0	1
Democratic Republic of the Congo	102686	67.3	1	49832	32.7	1	60	0.0	1
Denmark	34	5.6	3	114	18.6	3	464	75.8	3
Djibouti	0	0.0	1	6	100.0	1	0	0.0	1
Dominica	26	60.7	1	17	39.1	1	r	0.2	1
Dominican Republic			3	1864	94.0	2	119	6.0	2
Ecuador	12467	99.4	3	25	0.2	3	55	0.4	3
Egypt	0	0.0	1	0	0.0	1	73	100.0	1
El Salvador	5	1.8	1	244	92.1	1	16	6.1	1
Equatorial Guinea	0	0.0	1	1568	100.0	1	r	0.0	1
Eritrea	0	0.0	1	1471	97.4	1	39	2.6	1
Estonia	58	2.6	2	2000	89.6	3	174	7.8	3
Ethiopia	0	0.0	1	11527	92.2	1	972	7.8	1
Falkland Islands (Malvinas)*	0		1	0		1	0		1
Faroe Islands	0	0.0	1	0	0.0	1	r	100.0	1
Fiji	411	40.4	2	452	44.4	2	154	15.2	3
Finland	230	1.0	3	15212	68.5	3	6775	30.5	3
France				15022	88.4	3	1967	11.6	3
French Guiana	7813	96.1	2	317	3.9	3	1	0.0	3
French Polynesia	40	25.8	1	105	67.7	1	10	6.5	1
Gabon	12804	55.7	3	10166	44.2	3	30	0.1	2
Gambia	1	0.2	1	486	99.5	1	1	0.3	1
Georgia	500	17.7	2	2250	79.7	2	72	2.6	3
Germany	0	0.0	2	6124	53.6	2	5295	46.4	2
Ghana	395	4.2	2	8617	92.3	2	325	3.5	3
Gibraltar	0		1	0		1	0		1
Greece	0	0.0	1	3914	96.5	1	140	3.5	1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 7. Forest characteristics 2015**

Country/Territory	Forest area								
	Primary			Other naturally regenerated			Planted		
	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status
Greenland	0	0.0	1	0	0.0	1	r	100.0	1
Grenada	2	13.7	1	14	85.1	1	r	1.2	1
Guadeloupe	36	50.3	2	31	43.8	2	4	5.9	2
Guatemala	1334	37.7	2	2021	57.1	2	185	5.2	2
Guinea	63	1.0	1	6197	97.4	1	104	1.6	1
Guinea-Bissau	0	0.0	1	1971	100.0	1	1	0.0	1
Guyana	6477	39.2	3	10049	60.8	3	0	0.0	2
Haiti	0	0.0	1	65	67.0	1	32	33.0	1
Holy See	0		1	0		1	0		1
Honduras	457	10.0	1	4135	90.0	1	0	0.0	1
Hungary	0	0.0	3	417	20.2	1	1652	79.8	1
Iceland	0	0.0	3	11	22.4	3	38	77.6	3
India	15701	22.2	3	42950	60.8	3	12031	17.0	3
Indonesia	46024	50.6	2	40040	44.0	2	4946	5.4	3
Iran (Islamic Republic of)	200	1.9	1	9551	89.3	2	941	8.8	2
Iraq	0	0.0	1	810	98.2	1	15	1.8	1
Ireland	0	0.0	3	71	9.5	1	683	90.5	1
Israel	0	0.0	3	76	46.1	1	89	53.9	3
Italy	93	1.0	3	8565	92.1	3	639	6.9	3
Jamaica	88	26.1	2	241	71.8	2	7	2.1	2
Japan	4905	19.7	3	9783	39.2	3	10270	41.1	3
Jersey	0		1						
Jordan	0	0.0	1	51	51.9	1	47	48.1	2
Kazakhstan	0	0.0	1	2408	72.8	1	901	27.2	1
Kenya	0	0.0	1	4193	95.0	1	220	5.0	1
Kiribati	0	0.0	1	12	100.0	1	0	0.0	1
Kuwait	0	0.0	1	0	0.0	1	6	100.0	1
Kyrgyzstan	630	98.9	3				47	7.4	3
Lao People's Democratic Republic	1194	6.4	2	17455	93.0	2	113	0.6	1
Latvia	16	0.5	2	2728	81.3	2	612	18.2	2
Lebanon	0	0.0	3	126	92.1	3	11	7.9	3
Lesotho	0	0.0	2	32	65.1	2	17	34.9	2
Liberia	175	4.2	2	3996	95.6	1	8	0.2	1
Libya	0	0.0	1	0	0.0	1	217	100.0	1
Liechtenstein	2	21.7	1	5	73.9	1	r	4.3	1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 7. Forest characteristics 2015**

Country/Territory	Forest area								
	Primary			Other naturally regenerated			Planted		
	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status
Lithuania	26	1.2	3	1584	72.7	3	570	26.1	3
Luxembourg	0	0.0	1	59	67.5	1	28	32.5	1
Madagascar	2993	24.0	1	9168	73.5	1	312	2.5	1
Malawi	845	26.9	1	1883	59.8	1	419	13.3	1
Malaysia	5041	22.7	3	15188	68.4	3	1966	8.9	3
Mali	0	0.0	3	4580	97.1	2	135	2.9	2
Malta	0	0.0	1	0	0.0	1	r	100.0	1
Marshall Islands	8	64.8	3	0	0.0	3	4	35.2	3
Martinique	0	0.0	1	46	95.1	1	2	4.9	3
Mauritania	0	0.0	1	197	87.9	1	27	12.1	1
Mauritius	0	0.0	2	20	52.6	2	18	47.4	2
Mayotte	1	24.9	1	4	67.5	3	r	7.6	3
Mexico	33056	50.1	3	32897	49.8	3	87	0.1	1
Micronesia (Federated States of)	48	75.3	1	2	2.6	1	14	22.1	1
Monaco	0		1	0		1	0		1
Mongolia	12552	100.0	3	0	0.0	3	1	0.0	3
Montenegro	109	13.2	1	710	85.9	3	8	1.0	3
Montserrat	0	0.0	1	3	100.0	1	0	0.0	1
Morocco	0	0.0	1	4926	87.5	2	706	12.5	3
Mozambique	0	0.0	2	37865	99.8	2	75	0.2	2
Myanmar	3192	11.0	1	24905	85.8	1	944	3.3	3
Namibia	0	0.0	1	6919	100.0	1	r	0.0	1
Nauru	0		1	0		1	0		1
Nepal	526	14.5	1	3067	84.4	1	43	1.2	2
Netherlands	0	0.0	3	0	0.0	3	376	100.0	3
New Caledonia	431	51.4	1	398	47.4	1	10	1.2	1
New Zealand	2160	21.3	2	5905	58.2	2	2087	20.6	3
Nicaragua	1234	39.6	3	1832	58.8	3	48	1.5	3
Niger	220	19.3	1	772	67.6	2	150	13.1	2
Nigeria	20	0.3	1	6553	93.7	1	420	6.0	1
Niue	6	30.9	1	12	67.4	1	r	1.7	1
Northern Mariana Islands	8	26.2	1	0	0.0	1	22	73.8	1
Norway	160	1.3	3	10423	86.1	3	1529	12.6	2
Oman	0	0.0	1	0	0.0	1	2	100.0	1
Pakistan	0	0.0	1	1110	75.4	1	362	24.6	1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 7. Forest characteristics 2015**

Country/Territory	Forest area								
	Primary			Other naturally regenerated			Planted		
	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status
Panama	0	0.0	3	4537	98.3	3	80	1.7	3
Papua New Guinea	17599	52.4	2	15960	47.6	1	0	0.0	3
Paraguay	1884	12.3	2	13341	87.1	2	98	0.6	1
Peru	65790	88.9	1	7026	9.5	1	1157	1.6	3
Philippines	861	10.7	1	5934	73.8	2	1245	15.5	2
Poland	59	0.6	1	419	4.4	1	8957	94.9	3
Portugal	24	0.8	3	2267	71.2	3	891	28.0	3
Puerto Rico	0	0.0	3	496	100.0	3	0	0.0	3
Qatar	0		1	0		1	0		1
Republic of Korea	3460	56.0	3	858	13.9	3	1866	30.2	3
Republic of Moldova	0	0.0	1	407	99.5	1	2	0.5	1
Réunion	55	62.5	1	28	31.8	1	5	5.7	1
Romania	283	4.1	1	6009	87.6	1	569	8.3	2
Russian Federation	272718	33.5	1	522372	64.1	3	19841	2.4	3
Rwanda	7	1.5	1	55	11.5	1	418	87.1	1
Saint Lucia	17	84.5	3			3	3	15.5	3
Saint Martin (French part)				r	100.0	2			
Saint Pierre and Miquelon	0	0.0	1	3	100.0	1	0	0.0	1
Saint Vincent and the Grenadines	0	0.0	1	27	100.0	1	0	0.0	1
Saint-Barthélemy	0		1	0		1	0		1
Samoa	r	0.0	1	139	81.2	1	32	18.8	1
San Marino	0		1	0		1	0		1
Sao Tome and Principe	27	50.4	1	27	49.6	1	0	0.0	1
Saudi Arabia	360	36.8	1	617	63.2	1	0	0.0	1
Senegal	1508	18.2	2	6204	75.0	2	561	6.8	2
Serbia	1	0.0	3	2504	92.1	3	215	7.9	3
Seychelles	2	4.9	2	34	83.3	2	5	11.8	2
Sierra Leone	85	3.2	3	2526	96.1	1	16	0.6	1
Singapore	r	1.3	3	16	98.7	3	0	0.0	3
Slovakia	24	1.2	3	956	49.3	3	960	49.5	3
Slovenia	49	3.9	3	1165	93.3	3	34	2.7	3
Solomon Islands	1105	50.6	1	1053	48.2	1	27	1.2	1
Somalia	0	0.0	1	6360	100.0	1	3	0.0	1
South Africa	947	10.2	1	6531	70.7	1	1763	19.1	1
Spain	0	0.0	3	15509	84.2	3	2909	15.8	3

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 7. Forest characteristics 2015**

Country/Territory	Forest area								
	Primary			Other naturally regenerated			Planted		
	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status	1 000 ha	% of forest area	Tier status
Sri Lanka	167	8.1	2	1688	81.5	2	215	10.4	3
Sudan	1345	7.0	1	11744	61.1	1	6121	31.9	1
Suriname	14019	91.4	1	1300	8.5	1	13	0.1	1
Svalbard and Jan Mayen Islands	0		3	0		3	0		3
Swaziland	0	0.0		450	76.9	2	135	23.1	2
Sweden	2417	8.6	3	11919	42.5	3	13737	48.9	3
Switzerland	40	3.2	3	1042	83.1	3	172	13.7	3
Tajikistan	297	72.1	2	12	2.9	3	103	25.0	3
Thailand	6726	41.0	3	5687	34.7	2	3986	24.3	2
The former Yugoslav Republic of Macedonia	0	0.0	1	893	89.5	1	105	10.5	1
Timor-Leste	0	0.0	1	643	93.7	1	43	6.3	1
Togo	0	0.0	1	142	75.5	1	46	24.5	1
Tokelau	0		1	0		1	0		1
Tonga	4	44.4	1	4	44.4	1	1	11.1	1
Trinidad and Tobago	62	26.6	3	161	68.6	3	11	4.8	3
Tunisia	0	0.0	2	316	30.4	2	725	69.6	3
Turkey	913	7.8	1	7416	63.3	1	3386	28.9	1
Turkmenistan	104	2.5	1	4023	97.5	1	0	0.0	1
Uganda	0	0.0	1	2017	97.1	1	60	2.9	1
Ukraine	59	0.6	2	4738	49.1	3	4860	50.3	3
United Arab Emirates	0	0.0	1	0	0.0	1	323	100.0	1
United Kingdom	0		1			2			2
United Republic of Tanzania	0	0.0	1	45770	99.4	2	290	0.6	2
United States of America	75300	24.3	3	208431	67.2	3	26364	8.5	3
United States Virgin Islands	0		3	18	100.0	3			
Uruguay	313	17.0	1	470	25.5	1	1062	57.6	3
Uzbekistan	73	2.3	2	2345	72.8	2	802	24.9	2
Venezuela (Bolivarian Republic of)	45746	98.0	2	380	0.8	2	557	1.2	2
Viet Nam	83	0.6	3	11027	74.6	3	3663	24.8	3
Wallis and Futuna Islands	0	0.0	1	5	90.9	2	1	9.1	1
Western Sahara	0	0.0	1	707	100.0	1	0	0.0	1
Yemen	0	0.0	1	549	100.0	1	0	0.0	1
Zambia	0	0.0	2	48571	99.9	2	64	0.1	2
Zimbabwe	801	5.7	1	13174	93.7	1	87	0.6	1

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 8. Primary forest 1990–2015**

Country/Territory	Primary forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Albania	85	85	85	85	85	1	0.0	0.0	0.0	0.0	0.0	0.0
Algeria	0	0	0	0	0	2	0.0		0.0		0.0	
Andorra	0	0	0	0	0	1	0.0		0.0		0.0	
Angola	0	0	0	0	0	1	0.0		0.0		0.0	
Argentina	1738	1738	1738	1738	1738	2	0.0	0.0	0.0	0.0	0.0	0.0
Armenia	17	17	17	17	17	1	0.0	0.0	0.0	0.0	0.0	0.0
Australia		5233	5039	5039	2		0.0		503.9		0.0	0.0
Austria	114	114	114	114	114	1	0.0	0.0	0.0	0.0	0.0	0.0
Bahamas	0	0	0	0	0	1	0.0		0.0		0.0	
Bahrain	0	0	0	0	0	1	0.0		0.0		0.0	
Bangladesh	436	436	436	436	411	1	0.0	0.0	0.0	0.0	-5.0	-1.2
Barbados	r	r	r	r	r	2	0.0		0.0		0.0	
Belarus	400	400	400	400	400	1	0.0	0.0	0.0	0.0	0.0	0.0
Belgium	0	0	0	0	0	3	0.0		0.0		0.0	
Belize	599	599	599	599	599	1	0.0	0.0	0.0	0.0	0.0	0.0
Benin	0	0	0	0	0	1	0.0		0.0		0.0	
Bhutan	413	413	413	413	413	3	0.0	0.0	0.0	0.0	0.0	0.0
Bolivia (Plurinational State of)	40804	39046	38164	37164	36164	1	-175.8	-0.4	-188.2	-0.5	-200.0	-0.5
Bosnia and Herzegovina	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Botswana	0	0	0	0	0	1	0.0		0.0		0.0	
Brazil	218240	210466	206578	202691	202691	2	-777.4	-0.4	-777.5	-0.4	0.0	0.0
Brunei Darussalam	313	288	275	263	263	1	-2.5	-0.8	-2.5	-0.9	0.0	0.0
Bulgaria	157	270	304	597		3	11.3	5.6	32.7	8.3		
Burkina Faso	0	0	0	0	0	2	0.0		0.0		0.0	
Burundi	40	40	40	40	40	1	0.0	0.0	0.0	0.0	0.0	0.0
Cabo Verde	0	0	0	0	0	3	0.0		0.0		0.0	
Cambodia	766	456	322	322	322	1	-31.0	-5.1	-13.4	-3.4	0.0	0.0
Canada	206638	206359	206225	206062	205924	1	-27.9	0.0	-29.7	0.0	-27.6	0.0
Central African Republic	3900	3135	2752	2370	1988	1	-76.5	-2.2	-76.5	-2.8	-76.4	-3.5
Chile	4631	4536	4488	4439	5355	3	-9.5	-0.2	-9.7	-0.2	183.2	3.8
China	11646	11632	11632	11632	11632	3	-1.4	0.0	0.0	0.0	0.0	-0.6
Comoros	8	8	8	8	8	1	0.0	0.0	0.0	0.0	0.0	0.0
Congo	7548	7492	7464	7436	7407	1	-5.6	-0.1	-5.6	-0.1	-5.8	-0.1
Cook Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Costa Rica	1313	622	1255	1316	1814	3	-69.1	-7.2	69.4	7.8	99.6	6.6
Côte d'Ivoire	625	625	625	625	625	1	0.0	0.0	0.0	0.0	0.0	0.0
Croatia	7	7	7	7	7	2	0.0	0.0	0.0	0.0	0.0	0.0

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 8. Primary forest 1990-2015**

Country/Territory	Primary forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Cuba	0	0	0	0	0	1	0.0		0.0		0.0	
Cyprus	13	13	13	13	13	1	0.0	0.0	0.0	0.0	0.0	0.0
Czech Republic			9	10	10	1	0.0		1.0		0.0	0.4
Democratic People's Republic of Korea	1129	954	867	780	701	1	-17.5	-1.7	-17.4	-2.0	-15.8	-2.1
Democratic Republic of the Congo	105189	104455	104088	103387	102686	1	-73.4	-0.1	-106.8	-0.1	-140.2	-0.1
Denmark	30	32	31	32	34	3	0.2	0.6	0.0	0.0	0.4	1.2
Djibouti	0	0	0	0	0	1	0.0		0.0		0.0	
Dominica	28	28	27	27	26	1	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3
Ecuador	14586	13622	13237	12852	12467	3	-96.5	-0.7	-77.0	-0.6	-77.0	-0.6
Egypt	0	0	0	0	0	1	0.0		0.0		0.0	
El Salvador	5	5	5	5	5	1	0.0	0.0	0.0	0.0	0.0	0.0
Equatorial Guinea	0	0	0	0	0	1	0.0		0.0		0.0	
Eritrea	0	0	0	0	0	1	0.0		0.0		0.0	
Estonia	40	48	52	55	58	1	0.8	1.8	0.7	1.4	0.6	1.1
Ethiopia	0	0	0	0	0	1	0.0		0.0		0.0	
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0	
Faroe Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Fiji	490	445	448	420	411	2	-4.4	-0.9	-2.5	-0.6	-1.8	-0.4
Finland			230	230	1						0.0	0.0
French Guiana	8147	8025	7964	7831	7813	3	-12.2	-0.2	-19.4	-0.2	-3.7	0.0
French Polynesia			40	40	40	1					0.0	0.0
Gabon	20934	17634	15984	14334	12804	1	-330.0	-1.7	-330.0	-2.1	-306.0	-2.2
Gambia	1	1	1	1	1	1	0.0	0.0	0.0	-4.0	0.0	0.0
Georgia	500	500	500	500	500	2	0.0	0.0	0.0	0.0	0.0	0.0
Germany	0	0	0	0	0	2	0.0		0.0		0.0	
Ghana	395	395	395	395	395	2	0.0	0.0	0.0	0.0	0.0	0.0
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0	
Greece	0	0	0	0	0	1	0.0		0.0		0.0	
Greenland	0	0	0	0	0	1	0.0		0.0		0.0	
Grenada	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	36	36	36	36	36	2	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	2951	2292	1953	1627	1334	2	-65.9	-2.5	-66.5	-3.4	-58.6	-3.9
Guinea	63	63	63	63	63	1	0.0	0.0	0.0	0.0	0.0	0.0
Guinea-Bissau	0	0	0	0	0	1	0.0		0.0		0.0	
Guyana	9477	8277	7677	7077	6477	3	-120.0	-1.3	-120.0	-1.6	-120.0	-1.8
Haiti	0	0	0	0	0	1	0.0		0.0		0.0	

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 8. Primary forest 1990–2015**

Country/Territory	Primary forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	
Honduras			457	457	457	1	0.0		45.7		0.0	0.0
Hungary	0	0	0	0	0	3	0.0		0.0		0.0	
Iceland	0	0	0	0	0	3	0.0		0.0		0.0	
India	15701	15701	15701	15701	15701	3	0.0	0.0	0.0	0.0	0.0	0.0
Indonesia		49453	48310	47167	46024	1			-228.6	-0.5	-228.6	-0.5
Iran (Islamic Republic of)	200	200	200	200	200	1	0.0	0.0	0.0	0.0	0.0	0.0
Iraq	0	0	0	0	0	1	0.0		0.0		0.0	
Ireland	0	0	0	0	0	3	0.0		0.0		0.0	
Israel	0	0	0	0	0	3	0.0		0.0		0.0	
Italy	93	93	93	93	93	2	0.0	0.0	0.0	0.0	0.0	0.0
Jamaica	89	88	88	88	88	2	-0.1	-0.1	-0.1	-0.1	0.0	0.0
Japan	3764	4054	4449	4770	4905	3	29.0	0.7	71.6	1.6	27.0	0.6
Jersey	0	0	0	0	0	1	0.0		0.0		0.0	
Jordan			0	0	0	1					0.0	
Kazakhstan	0	0	0	0	0	1	0.0		0.0		0.0	
Kenya	0	0	0	0	0	1	0.0		0.0		0.0	
Kiribati	0	0	0	0	0	1	0.0		0.0		0.0	
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0	
Kyrgyzstan	793	794	802	630	630	2	0.1	0.0	-16.4	-2.3	0.0	0.0
Lao People's Democratic Republic	1593	1439	1359	1276	1194	2	-15.4	-1.0	-16.3	-1.2	-16.5	-1.3
Latvia	17	17	16	15	16	2	0.0	0.0	-0.2	-1.2	0.2	1.3
Lebanon			0	0	0	2					0.0	
Lesotho	0	0	0	0	0	2	0.0		0.0		0.0	
Liberia	175	175	175	175	175	2	0.0	0.0	0.0	0.0	0.0	0.0
Libya	0	0	0	0	0	1	0.0		0.0		0.0	
Liechtenstein	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Lithuania	20	21	26	26	26	3	0.1	0.5	0.5	2.2	0.0	0.0
Luxembourg	0	0	0	0	0	1	0.0		0.0		0.0	
Madagascar	3367	3179	3137	3036	2993	1	-18.8	-0.6	-14.3	-0.5	-8.6	-0.3
Malawi	1727	1330	1132	934	845	1	-39.7	-2.6	-39.6	-3.5	-17.8	-2.0
Malaysia	3820	4030	4930	4867	5041	3	21.0	0.5	83.7	1.9	34.8	0.7
Mali	0	0	0	0	0	3	0.0		0.0		0.0	
Malta	0	0	0	0	0	1	0.0		0.0		0.0	
Marshall Islands	8	8	8	8	8	3	0.0	0.0	0.0	0.0	0.0	0.0
Martinique	0	0	0	0	0	1	0.0		0.0		0.0	

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 8. Primary forest 1990-2015**

Country/Territory	Primary forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Mauritania	0	0	0	0	0	1	0.0		0.0		0.0	
Mauritius	0	0	0	0	0	2	0.0		0.0		0.0	
Mayotte	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Mexico	39443	35303	33826	33168	33056	2	-414.0	-1.1	-213.5	-0.6	-22.4	-0.1
Micronesia (Federated States of)	40	44	46	48	48	1	0.4	1.1	0.4	1.0	0.0	0.4
Monaco	0	0	0	0	0	1	0.0		0.0		0.0	
Mongolia	12534	11714	11305	13038	12552	3	-82.0	-0.7	132.4	1.1	-97.4	-0.8
Montenegro				109	109	1					0.0	0.0
Montserrat	0	0	0	0	0	1	0.0		0.0		0.0	
Morocco	0	0	0	0	0	1	0.0		0.0		0.0	
Mozambique	0	0	0	0	0	2	0.0		0.0		0.0	
Myanmar	3192	3192	3192	3192	3192	1	0.0	0.0	0.0	0.0	0.0	0.0
Namibia	0	0	0	0	0	1	0.0		0.0		0.0	
Nauru	0	0	0	0	0	1	0.0		0.0		0.0	
Nepal	548	548	526	526	526	1	0.0	0.0	-2.2	-0.4	0.0	-0.9
Netherlands	0	0	0	0	0	3	0.0		0.0		0.0	
New Caledonia	431	431	431	431	431	1	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand			2144	2144	2160	2			214.4		3.2	0.1
Nicaragua				1234	1234	3					0.0	0.0
Niger	220	220	220	220	220	1	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	1556	736	326	54	20	1	-82.0	-7.2	-68.2	-23.0	-6.8	-18.0
Niue					6	6	1				0.0	0.0
Northern Mariana Islands	10	9	9	8	8	1	-0.1	-1.0	-0.1	-1.1	-0.1	-1.2
Norway	160	160	160	160	160	3	0.0	0.0	0.0	0.0	0.0	0.0
Oman	0	0	0	0	0	1	0.0		0.0		0.0	
Pakistan	0	0	0	0	0	1	0.0		0.0		0.0	
Panama	0	0	0	0	0	3	0.0		0.0		0.0	
Papua New Guinea	31329	25837	23091	20345	17599	2	-549.2	-1.9	-549.2	-2.4	-549.2	-2.9
Paraguay	1850	1850	1850	1884	1884	1	0.0	0.0	3.4	0.2	0.0	1.4
Peru	69632	67684	67148	66524	65790	1	-194.8	-0.3	-116.0	-0.2	-146.8	-0.2
Philippines	861	861	861	861	861	1	0.0	0.0	0.0	0.0	0.0	0.0
Poland	30	51	54	56	59	1	2.1	5.4	0.5	0.9	0.6	1.2
Portugal			24	24	24	3	2.4		0.0	0.0	0.0	1.0
Puerto Rico	0	0	0	0	0	3	0.0		0.0		0.0	
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea		4277	3617	3540	3460	3			-73.7	-1.9	-16.0	-0.5

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 8. Primary forest 1990–2015**

Country/Territory	Primary forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Republic of Moldova	0	0	0	0	0	1	0.0		0.0		0.0	
Réunion	55	55	55	55	55	1	0.0	0.0	0.0	0.0	0.0	0.0
Romania	263	263	264	269	283	1	0.0	0.0	0.6	0.2	2.8	1.0
Russian Federation	241726	258131	255470	273343	272718	1	1640.5	0.7	1521.2	0.6	-125.1	0.0
Rwanda	7	7	7	7	7	1	0.0	0.0	0.0	0.0	0.0	0.0
Saint Lucia	19	18	18	17	17	2	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3
Saint Pierre and Miquelon	0	0	0	0	0	1	0.0		0.0		0.0	
Saint Vincent and the Grenadines		0	0	0	0	1			0.0		0.0	
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
Samoa		r	r	r	r	1			0.0	0.0	0.0	
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Sao Tome and Principe	27	27	27	27	27	1	0.0	0.0	0.0	0.0	0.0	0.0
Saudi Arabia	360	360	360	360	360	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	1759	1653	1598	1553	1508	1	-10.6	-0.6	-10.0	-0.6	-9.0	-0.6
Serbia	1	1	1	1	1	3	0.0	0.0	0.0	0.0	0.0	0.0
Seychelles	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	224	157	133	113	85	3	-6.7	-3.5	-4.4	-3.2	-5.6	-5.5
Singapore	r	r	r	r	r	1	0.0		0.0		0.0	
Slovakia	24	24	24	24	24	3	0.0	0.0	0.0	0.0	0.0	0.0
Slovenia	49	53	49	49	49	3	0.4	0.8	-0.4	-0.8	0.0	0.0
Solomon Islands	1105	1105	1105	1105	1105	1	0.0	0.0	0.0	0.0	0.0	0.0
Somalia	0	0	0	0	0	1	0.0		0.0		0.0	
South Africa	947	947	947	947	947	1	0.0	0.0	0.0	0.0	0.0	0.0
Spain	0	0	0	0	0	3	0.0		0.0		0.0	
Sri Lanka	257	197	167	167	167	2	-6.0	-2.6	-3.0	-1.6	0.0	-3.6
Sudan	1650	1528	1467	1406	1345	1	-12.2	-0.8	-12.2	-0.8	-12.2	-0.9
Suriname	14986	14742	14590	14422	14019	1	-24.4	-0.2	-32.0	-0.2	-80.6	-0.6
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Swaziland	0	0	0	0	0	1	0.0		0.0		0.0	
Sweden	2417	2417	2417	2417	2417	3	0.0	0.0	0.0	0.0	0.0	0.0
Switzerland	40	40	40	40	40	3	0.0	0.0	0.0	0.0	0.0	0.0
Syrian Arab Republic	0	0	0	0		1	0.0		0.0			
Tajikistan	297	297	297	297	297	2	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	6726	6726	6726	6726	6726	3	0.0	0.0	0.0	0.0	0.0	0.0
The former Yugoslav Republic of Macedonia	0	0	0	0	0	1	0.0		0.0		0.0	

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 8. Primary forest 1990-2015**

Country/Territory	Primary forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990-2000		2000-2010		2010-2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Timor-Leste	0	0	0	0	0	1	0.0		0.0		0.0	
Togo	0	0	0	0	0	1	0.0		0.0		0.0	
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	62	62	62	62	62	2	0.0	0.0	0.0	0.0	0.0	0.0
Tunisia	0	0	0	0	0	2	0.0		0.0		0.0	
Turkey	826	837	859	881	913	1	1.1	0.1	4.4	0.5	6.4	0.7
Turkmenistan	104	104	104	104	104	1	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	0	0	0	0	0	1	0.0		0.0		0.0	
Ukraine	59	59	59	59	59	2	0.0	0.0	0.0	0.0	0.0	0.0
United Arab Emirates	0	0	0	0	0	1	0.0		0.0		0.0	
United Kingdom	0	0	0	0	0	1	0.0		0.0		0.0	
United Republic of Tanzania	0	0	0	0	0	1	0.0		0.0		0.0	
United States of America	70012	72305	75709	75294	75300	3	229.3	0.3	298.9	0.4	1.2	0.0
United States Virgin Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Uruguay	239	296	296	301	313	1	5.7	2.2	0.5	0.2	2.4	0.8
Uzbekistan	57	57	57	72	73	2	0.0	0.0	1.5	2.4	0.2	0.3
Venezuela (Bolivarian Republic of)				46568	45746	2				-164.4	-0.4	
Viet Nam	384	187	85	83	83	2	-19.7	-6.9	-10.4	-7.8	0.0	-12.0
Wallis and Futuna Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Western Sahara	0	0	0	0	0	1	0.0		0.0		0.0	
Yemen	0	0	0	0	0	1	0.0		0.0		0.0	
Zambia	0	0	0	0	0	1	0.0		0.0		0.0	
Zimbabwe	801	801	801	801	801	1	0.0	0.0	0.0	0.0	0.0	0.0

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 9. Other naturally regenerated forest 1990–2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Albania	601	588	599	598	597	1	-1.3	-0.2	1.0	0.2	-0.2	0.0
Algeria	1334	1234	1166	1420	1400	2	-10.0	-0.8	18.6	1.4	-4.0	-0.3
Angola	60836	59594	58973	58352	57731	1	-124.2	-0.2	-124.2	-0.2	-124.2	-0.2
Argentina	32289	29048	27275	25671	24172	2	-324.1	-1.1	-337.7	-1.2	-299.8	-1.2
Armenia	304	305	305	293	293	1	0.1	0.0	-1.2	-0.4	0.0	-0.4
Australia			120780	116269	117695	2					285.2	0.2
Austria	1895	2015	2037	2050	2063	3	12.0	0.6	3.5	0.2	2.6	0.1
Bahamas	515	515	515	515	515	1	0.0	0.0	0.0	0.0	0.0	0.0
Bahrain	0	0	0	0	0	1	0.0		0.0		0.0	
Bangladesh	819	761	741	769	744	1	-5.8	-0.7	0.8	0.1	-5.0	-0.7
Barbados			6	6	6	2					0.0	0.1
Belarus	5862	6181	6279	6277	6323	1	31.9	0.5	9.6	0.2	9.3	0.1
Belgium	231	259	278	283	289	3	2.8	1.2	2.4	0.9	1.2	0.4
Belize	1015	858	815	790	765	1	-15.7	-1.7	-6.8	-0.8	-5.0	-0.6
Benin	5751	5048	4796	4542	4288	1	-70.3	-1.3	-50.6	-1.1	-50.8	-1.1
Bhutan	2075	2173	2222	2271	2320	3	9.8	0.5	9.8	0.4	9.8	0.4
Bolivia (Plurinational State of)	21971	21025	20550	19025	18574	1	-94.6	-0.4	-200.0	-1.0	-90.2	-0.5
Bosnia and Herzegovina	1161	1184	1184	1184	1184	1	2.3	0.2	0.0	0.0	0.0	0.1
Botswana	13718	12535	11943	11351	10840	1	-118.3	-0.9	-118.4	-1.0	-102.2	-0.9
Brazil	323481	305632	294536	288794	283111	1	-1784.9	-0.6	-1683.8	-0.6	-1136.6	-0.4
Brunei Darussalam	99	108	112	114	114	1	0.9	0.9	0.6	0.5	0.0	0.6
Bulgaria	2138	2172	2473	2323		3	3.4	0.2	15.1	0.7		
Burkina Faso	6840	6190	5861	5486	5111	2	-65.0	-1.0	-70.4	-1.2	-75.0	-1.4
Burundi	63	63	63	100	116	1	0.0	0.0	3.7	4.7	3.2	3.0
Cabo Verde	0	0	0	0	6	3	0.0		0.0		1.1	
Cambodia	12111	11011	10335	9703	9066	1	-110.0	-0.9	-130.8	-1.3	-127.4	-1.3
Canada	137057	132098	129641	127265	125361	1	-495.9	-0.4	-483.3	-0.4	-380.8	-0.3
Central African Republic	18658	19267	19572	19876	20180	1	60.9	0.3	60.9	0.3	60.8	0.3
Chad	6694	6312	6126	5491	4857	1	-38.2	-0.6	-82.1	-1.4	-126.8	-2.4
Chile	8925	9362	9492	9408	9336	3	43.7	0.5	4.6	0.0	-14.4	-0.2
China	103544	110975	114192	115911	117707	3	743.1	0.7	493.7	0.4	359.1	0.3
Comoros	39	35	33	30	26	1	-0.4	-1.1	-0.5	-1.5	-0.8	-2.8
Congo	15127	15013	14956	14900	14856	1	-11.4	-0.1	-11.3	-0.1	-8.8	-0.1
Cook Islands	14	14	14	14	14	1	0.0	0.0	0.0	0.0	0.0	0.0
Costa Rica	956	1551	1026	1071	924	3	59.5	5.0	-48.0	-3.6	-29.5	-2.9
Côte d'Ivoire	9443	9442	9443	9373	9349	1	-0.1	0.0	-6.9	-0.1	-4.8	-0.1
											-3.8	0.0

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%		
Croatia	1751	1797	1820	1843	1840	2	4.6	0.3	4.6	0.3	-0.6	0.0	3.6	0.2
Cuba	1711	2093	2309	2436	2644	2	38.2	2.0	34.3	1.5	41.6	1.7	37.3	1.8
Cyprus	124	131	130	129	129	1	0.7	0.6	-0.2	-0.1	-0.1	-0.1	0.2	0.2
Czech Republic			22	24	24						0.1	0.5		
Democratic People's Republic of Korea	5942	5024	4564	4105	3626	1	-91.8	-1.7	-91.9	-2.0	-95.8	-2.5	-92.6	-2.0
Democratic Republic of the Congo	55118	52737	51547	50689	49832	1	-238.1	-0.4	-204.8	-0.4	-171.4	-0.3	-211.4	-0.4
Denmark	102	110	104	101	114	3	0.8	0.8	-0.9	-0.8	2.6	2.5	0.5	0.4
Djibouti	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominica	22	20	19	18	17	1	-0.2	-0.9	-0.2	-1.0	-0.2	-1.0	-0.2	-1.0
Dominican Republic	1087	1465	1613	1737	1864	2	37.8	3.0	27.1	1.7	25.5	1.4	31.1	2.2
Ecuador		37	33	29	25	3			-0.8	-2.4	-0.8	-2.8		
Egypt	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
El Salvador	362	315	290	267	244	1	-4.8	-1.4	-4.8	-1.6	-4.6	-1.8	-4.7	-1.6
Equatorial Guinea	1860	1743	1685	1626	1568	1	-11.7	-0.6	-11.7	-0.7	-11.6	-0.7	-11.7	-0.7
Eritrea	1611	1555	1526	1498	1471	1	-5.6	-0.4	-5.7	-0.4	-5.6	-0.4	-5.6	-0.4
Estonia	1994	2020	2024	2005	2000	3	2.6	0.1	-1.5	-0.1	-1.0	0.0	0.2	0.0
Ethiopia	14623	13214	12509	11785	11527	1	-140.9	-1.0	-142.9	-1.1	-51.6	-0.4	-123.8	-0.9
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Faroe Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Fiji	371	405	395	432	452	2	3.3	0.9	2.7	0.7	3.9	0.9	3.2	0.8
Finland	17485	17492	16242	15212	15212	1	0.7	0.0	-228.0	-1.4	0.0	0.0	-90.9	-0.6
France	12908	13703	13656	14338	15022	3	79.5	0.6	63.5	0.5	136.8	0.9	84.6	0.6
French Guiana	70	156	203	306	317	3	8.6	8.3	15.0	7.0	2.1	0.7	9.9	6.2
French Polynesia			81	105	105	1					0.0	0.0		
Gabon	1036	4336	5986	7636	10166	1	330.0	15.4	330.0	5.8	506.0	5.9	365.2	9.6
Gambia	440	458	469	478	486	1	1.9	0.4	1.9	0.4	1.6	0.3	1.9	0.4
Georgia	2198	2201	2212	2250	2250	2	0.2	0.0	5.0	0.2	0.0	0.0	2.1	0.1
Germany	5912	5938	6106	6119	6124	2	2.6	0.0	18.1	0.3	1.0	0.0	8.5	0.1
Ghana	8182	8454	8498	8540	8617	2	27.2	0.3	8.6	0.1	15.4	0.2	17.4	0.2
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Greece	3181	3472	3618	3763	3914	1	29.1	0.9	29.1	0.8	30.2	0.8	29.3	0.8
Greenland	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Grenada	14	14	14	14	14	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	33	32	32	32	31	2	0.0	-0.1	-0.1	-0.2	-0.1	-0.3	-0.1	-0.2
Guatemala	1746	1823	1884	1963	2021	2	7.7	0.4	14.0	0.7	11.6	0.6	11.0	0.6

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Guinea	7141	6769	6579	6388	6197	1	-37.2	-0.5	-38.1	-0.6	-38.2	-0.6
Guinea-Bissau	2216	2120	2071	2021	1971	1	-9.6	-0.4	-9.8	-0.5	-10.0	-0.5
Guyana	7183	8345	8925	9499	10049	3	116.2	1.5	115.4	1.3	110.0	1.1
Haiti	104	89	81	73	65	1	-1.5	-1.5	-1.6	-2.0	-1.6	-2.3
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	
Honduras			5335	4735	4135	1					-120.0	-2.7
Hungary	348	398	417	417	417	1	5.0	1.4	1.9	0.5	0.0	2.8
Iceland	10	10	11	11	11	3	0.1	0.5	0.1	0.5	0.1	0.5
India	42522	42522	42522	42950	42950	3	0.0	0.0	42.8	0.1	0.0	17.1
Indonesia		46634	44888	42462	40040	2					-484.4	-1.2
Iran (Islamic Republic of)	8360	8610	9551	9551	9551	2	25.0	0.3	94.1	1.0	0.0	47.6
Iraq	789	803	810	810	810	1	1.4	0.2	0.7	0.1	0.0	0.8
Ireland	82	82	82	71	71	1	0.0	0.0	-1.1	-1.4	0.0	0.0
Israel	66	65	67	66	76	1	-0.1	-0.2	0.1	0.2	2.0	0.4
Italy	6950	7692	8064	8314	8565	2	74.2	1.0	62.2	0.8	50.2	0.6
Jamaica	247	244	243	242	241	2	-0.3	-0.1	-0.2	-0.1	-0.2	-0.1
Japan	10899	10492	10162	9904	9783	3	-40.7	-0.4	-58.8	-0.6	-24.2	-0.2
Jordan			51	51	51	1					0.0	0.0
Kazakhstan	2388	2309	2428	2408	2408	1	-7.9	-0.3	9.9	0.4	0.0	0.8
Kenya	4561	3437	3881	4037	4193	1	-112.4	-2.8	60.0	1.6	31.2	0.8
Kiribati	12	12	12	12	12	1	0.0	0.0	0.0	0.0	0.0	0.0
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0	
Lao People's Democratic Republic	16050	15068	15484	16469	17455	1	-98.1	-0.6	140.1	0.9	197.0	1.2
Latvia	2432	2515	2590	2711	2728	2	8.3	0.3	19.6	0.8	3.4	0.1
Lebanon			126	126	126	2					0.0	0.0
Lesotho	34	34	34	34	32	1	0.0	-0.1	0.0	-0.1	-0.3	-1.0
Liberia	4746	4446	4296	4146	3996	1	-30.0	-0.7	-30.0	-0.7	-30.0	-0.7
Libya	0	0	0	0	0	1	0.0		0.0		0.0	
Liechtenstein	5	5	5	5	5	1	0.0	0.6	0.0	0.0	0.0	0.2
Lithuania	1514	1538	1604	1614	1584	3	2.4	0.2	7.6	0.5	-6.0	-0.4
Luxembourg	58	59	59	59	59	1	0.1	0.2	0.0	0.0	0.0	0.1
Madagascar	10094	9572	9411	9102	9168	1	-52.2	-0.5	-47.0	-0.5	13.2	0.1
Malawi	2037	2040	1985	1938	1883	1	0.3	0.0	-10.2	-0.5	-11.0	-0.6
Malaysia	16600	15902	14387	15634	15188	3	-69.8	-0.4	-26.8	-0.2	-89.2	-0.6
Mali	6685	5845	5300	4580	4580	2	-84.0	-1.3	-126.5	-2.4	0.0	0.0
Malta	0	0	0	0	0	1	0.0		0.0		0.0	

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Marshall Islands	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
Martinique	46	46	46	46	46	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	410	304	250	221	197	1	-10.6	-2.9	-8.3	-3.1	-4.8	-2.2	-8.5	-2.9
Mauritius	24	24	20	20	20	2	0.0	0.0	-0.4	-1.6	0.0	0.0	-0.1	-0.6
Mayotte	9	7	6	4	4	1	-0.2	-2.6	-0.3	-4.5	-0.1	-2.0	-0.2	-3.2
Mexico	30314	32518	33217	33271	32897	2	220.4	0.7	75.3	0.2	-74.8	-0.2	103.3	0.3
Micronesia (Federated States of)	4	3	2	2	2	1	-0.1	-3.4	-0.1	-5.2	0.0	1.7	-0.1	-3.1
Monaco	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Mongolia	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
Montenegro				710	710	3					0.0	0.0		
Montserrat	4	3	3	3	3	1	-0.1	-3.3	0.0	0.0	0.0	0.0	0.0	-1.3
Morocco	4476	4470	4840	5045	4926	2	-0.6	0.0	57.5	1.2	-23.8	-0.5	18.0	0.4
Mozambique	43340	41150	40055	38960	37865	2	-219.0	-0.5	-219.0	-0.5	-219.0	-0.6	-219.0	-0.5
Myanmar	35633	30980	29280	27593	24905	1	-465.3	-1.4	-338.7	-1.2	-537.6	-2.0	-429.1	-1.4
Namibia	8763	8032	7661	7290	6919	1	-73.1	-0.9	-74.2	-1.0	-74.2	-1.0	-73.8	-0.9
Nauru	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Nepal	4229	3310	3067	3067	3067	1	-91.9	-2.4	-24.3	-0.8	0.0	0.0	-46.5	-1.3
Netherlands	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
New Caledonia	398	398	398	398	398	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand			5932	5925	5905	2					-4.0	-0.1		
Nicaragua				1788	1832	3					8.7	0.5		
Niger	1677	1035	936	836	772	2	-64.2	-4.7	-19.9	-2.1	-12.8	-1.6	-36.2	-3.1
Nigeria	15427	12085	10414	8659	6553	1	-334.2	-2.4	-342.6	-3.3	-421.2	-5.4	-355.0	-3.4
Niue				13	12	1					-0.1	-0.8		
Northern Mariana Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Norway	10883	10628	10532	10479	10423	3	-25.5	-0.2	-14.9	-0.1	-11.2	-0.1	-18.4	-0.2
Oman	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Pakistan	2293	1820	1584	1347	1110	1	-47.3	-2.3	-47.3	-3.0	-47.4	-3.8	-47.3	-2.9
Panama	5028	4823	4721	4620	4537	3	-20.5	-0.4	-20.3	-0.4	-16.6	-0.4	-19.6	-0.4
Papua New Guinea	2298	7763	10495	13228	15960	1	546.5	12.9	546.5	5.5	546.4	3.8	546.5	8.1
Paraguay	19284	17482	16582	15010	13341	1	-180.2	-1.0	-247.2	-1.5	-333.8	-2.3	-237.7	-1.5
Peru	8026	7748	7626	7294	7026	1	-27.8	-0.4	-45.4	-0.6	-53.6	-0.7	-40.0	-0.5
Philippines	5393	5843	6166	5934	5934	2	45.0	0.8	9.1	0.2	0.0	0.0	21.6	0.4
Poland	340	363	379	396	419	3	2.3	0.7	3.3	0.9	4.6	1.1	3.2	0.8
Portugal		2517	2433	2350	2267	3			-16.7	-0.7	-16.6	-0.7		
Puerto Rico	287	450	463	479	496	3	16.3	4.6	2.9	0.6	3.3	0.7	8.4	2.2

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea		273	858	858	858	2			58.5	12.1	0.0	0.0
Republic of Moldova	318	323	362	384	407	1	0.5	0.2	6.1	1.7	4.6	1.2
Réunion	27	27	25	28	28	1	0.0	0.0	0.1	0.4	0.0	0.0
Romania	5580	5575	5597	5706	6009	1	-0.5	0.0	13.1	0.2	60.6	1.0
Russian Federation	554573	535777	536358	522180	522372	2	-1879.6	-0.3	-1359.8	-0.3	38.4	0.0
Rwanda	63	55	55	55	55	1	-0.8	-1.3	0.0	0.0	0.0	-0.3
Saint Martin (French part)					r							
Saint Pierre and Miquelon	3	3	3	3	3	1	0.0	-0.6	0.0	-1.0	0.0	-0.7
Saint Vincent and the Grenadines		26	26	27	27	1			0.1	0.4	0.0	0.0
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
Samoa		139	139	139	139	1			0.0	0.0	0.0	0.0
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Sao Tome and Principe	29	29	29	27	27	1	0.0	0.0	-0.2	-0.9	0.0	-0.1
Saudi Arabia	617	617	617	617	617	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	7384	6939	6668	6456	6204	1	-44.5	-0.6	-48.3	-0.7	-50.4	-0.8
Serbia	2273	2420	2436	2532	2504	3	14.7	0.6	11.2	0.5	-5.6	-0.2
Seychelles	34	34	34	34	34	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	2887	2757	2680	2599	2526	1	-13.0	-0.5	-15.9	-0.6	-14.5	-0.6
Singapore	16	16	16	16	16	1	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	938	939	943	953	956	3	0.1	0.0	1.4	0.1	0.6	0.1
Slovenia	1105	1144	1157	1166	1165	3	3.9	0.3	2.2	0.2	-0.2	0.0
Solomon Islands	1174	1135	1109	1081	1053	1	-3.9	-0.3	-5.4	-0.5	-5.6	-0.5
Somalia	8279	7512	7128	6744	6360	1	-76.7	-1.0	-76.8	-1.1	-76.8	-1.2
South Africa	6668	6570	6544	6531	6531	1	-9.8	-0.1	-3.9	-0.1	0.0	0.0
Spain	11773	14473	14733	15366	15509	3	270.0	2.1	89.3	0.6	28.7	0.2
Sri Lanka	1769	1761	1756	1731	1688	2	-0.8	0.0	-3.0	-0.2	-8.6	-0.5
Sudan	16496	14659	13633	12736	11744	1	-183.7	-1.2	-192.3	-1.4	-198.4	-1.6
Suriname	431	636	768	916	1300	2	20.5	4.0	28.0	3.7	76.8	7.3
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Swaziland	312	368	396	423	450	2	5.6	1.7	5.5	1.4	5.4	1.2
Sweden	18247	15907	14702	13092	11919	3	-234.0	-1.4	-281.5	-1.9	-234.6	-1.9
Switzerland	954	991	1010	1026	1042	1	3.7	0.4	3.5	0.3	3.2	0.3
Syrian Arab Republic	198	198	198	198		1	0.0	0.0	0.0	0.0		
Tajikistan	12	12	12	12	12	3	0.0	0.0	0.0	0.0	0.0	0.0

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 9. Other naturally regenerated forest 1990–2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Thailand	4611	7174	5930	5537	5687	2	256.3	4.5	-163.7	-2.6	30.0	0.5
The former Yugoslav Republic of Macedonia	807	853	870	893	893	1	4.6	0.6	4.0	0.5	0.0	0.0
Timor-Leste	937	811	755	699	643	1	-12.6	-1.4	-11.2	-1.5	-11.2	-1.7
Togo	661	452	348	245	142	1	-20.9	-3.7	-20.7	-5.9	-20.6	-10.3
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	163	155	151	146	161	2	-0.8	-0.5	-0.9	-0.6	3.0	2.0
Tunisia	350	318	318	316	316	2	-3.2	-1.0	-0.2	-0.1	0.0	0.0
Turkey	7301	7394	7611	7482	7416	1	9.3	0.1	8.8	0.1	-13.2	-0.2
Turkmenistan	4023	4023	4023	4023	4023	1	0.0	0.0	0.0	0.0	0.0	0.0
Uganda	4717	3837	3398	2698	2017	1	-88.0	-2.0	-113.9	-3.5	-136.2	-5.7
Ukraine	4578	4696	4729	4671	4738	3	11.8	0.3	-2.5	-0.1	13.4	0.3
United Arab Emirates	0	0	0	0	0	1	0.0		0.0		0.0	
United Kingdom				344								
United Republic of Tanzania	55770	51720	49690	47680	45770	1	-405.0	-0.8	-404.0	-0.8	-382.0	-0.8
United States of America	214500	208671	204623	207862	208431	3	-582.9	-0.3	-80.9	0.0	113.8	0.1
United States Virgin Islands	24	20	19	18	18	3	-0.3	-1.4	-0.2	-1.2	-0.1	-0.6
Uruguay	358	444	444	451	470	1	8.6	2.2	0.7	0.2	3.8	0.8
Uzbekistan	2785	2691	2644	2569	2345	2	-9.4	-0.3	-12.3	-0.5	-44.6	-1.8
Venezuela (Bolivarian Republic of)				380	380	2					0.0	0.0
Viet Nam	8012	9488	10283	10222	11027	2	147.6	1.7	73.4	0.7	161.0	1.5
Wallis and Futuna Islands	6	6	5	5	5	1	0.0	-0.3	0.0	-0.3	0.0	-0.3
Western Sahara	707	707	707	707	707	1	0.0	0.0	0.0	0.0	0.0	0.0
Yemen	549	549	549	549	549	1	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	52740	51074	50241	49406	48571	1	-166.6	-0.3	-166.8	-0.3	-167.0	-0.3
Zimbabwe	21209	17973	16350	14736	13174	1	-323.6	-1.6	-323.7	-2.0	-312.4	-2.2

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 10. Planted forest 1990–2015**

Country/Territory	Planted forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Albania	103	96	98	94	90	1	-0.7	-0.7	-0.2	-0.3	-0.8	-0.9
Algeria	333	345	370	498	556	1	1.2	0.4	15.3	3.7	11.6	2.2
Angola	140	134	131	128	125	1	-0.6	-0.4	-0.6	-0.5	-0.6	-0.6
Argentina	766	1076	1173	1187	1202	2	31.0	3.5	11.1	1.0	3.0	0.3
Armenia	14	11	10	21	22	1	-0.3	-2.4	1.0	6.7	0.2	0.9
Australia	1023	1176	1628	1903	2017	3	15.3	1.4	72.7	4.9	22.8	1.2
Austria	1767	1709	1700	1696	1692	3	-5.8	-0.3	-1.3	-0.1	-0.8	0.0
Bahamas	0	0	0	0	0	1	0.0		0.0		0.0	
Bahrain	r	r	r	1	1	1	0.0	5.6	0.0	3.6	0.0	2.8
Bangladesh	239	271	278	237	274	1	3.2	1.3	-3.4	-1.3	7.4	2.9
Barbados			r	r	r	3					0.0	-22.5
Belarus	1518	1692	1757	1857	1910	1	17.4	1.1	16.5	0.9	10.6	0.6
Belgium	446	408	397	398	394	3	-3.8	-0.9	-1.0	-0.3	-0.7	-0.2
Belize	2	2	2	2	2	1	0.0	0.4	0.0	0.4	0.0	0.0
Benin	10	13	15	19	23	1	0.3	2.7	0.6	3.9	0.8	3.9
Bhutan	19	20	21	22	22	3	0.1	0.7	0.1	0.6	0.1	0.1
Bolivia (Plurinational State of)	20	20	20	20	26	1	0.0	0.0	0.0	0.0	1.2	5.4
Bosnia and Herzegovina	1047	999	999	999	999	1	-4.8	-0.5	0.0	0.0	0.0	-1.9
Botswana	0	0	0	0	0	1	0.0		0.0		0.0	
Brazil	4984	5176	5620	6973	7736	1	19.2	0.4	179.7	3.0	152.6	2.1
Brunei Darussalam	1	1	2	3	3	1	0.1	6.9	0.1	7.5	0.0	0.1
Bulgaria	1032	933	874	817		3	-9.9	-1.0	-11.6	-1.3		
Burkina Faso	7	58	88	163	239	1	5.2	24.3	10.5	10.8	15.1	7.9
Burundi	186	86	78	113	120	1	-10.0	-7.4	2.7	2.8	1.4	1.2
Cabo Verde	58	82	84	85	84	3	2.4	3.6	0.3	0.4	-0.2	-0.2
Cambodia	67	79	74	69	69	1	1.2	1.7	-1.0	-1.3	0.0	0.0
Cameroon	14	14	14	20	36	1	0.0	0.0	0.6	3.6	1.2	5.4
Canada	4578	9345	11710	13975	15784	3	476.7	7.4	463.0	4.1	361.8	2.5
Central African Republic	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Chad	11	14	15	17	18	1	0.3	2.4	0.3	2.0	0.3	1.5
Chile	1707	1936	2063	2384	3044	3	22.9	1.3	44.8	2.1	132.0	5.0
China	41950	54394	67219	73067	78982	3	1244.3	2.6	1867.3	3.0	1183.1	1.6
Colombia	10	23	71	47	71	1	1.3	8.5	2.3	7.2	4.9	8.7
Comoros	2	2	1	1	3	1	0.0	0.0	-0.1	-6.7	0.4	24.6
Congo	51	51	51	75	71	1	0.0	0.0	2.4	3.9	-0.8	-1.1

## **QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 10. Planted forest 1990–2015**

Country/Territory	Planted forest (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Cook Islands	1	1	1	1	1	1	0.1	8.2	0.0	0.0	0.0	0.0	0.0	3.2
Costa Rica	295	203	210	217	18	3	-9.2	-3.7	1.4	0.7	-39.9	-39.5	-11.1	-10.7
Côte d'Ivoire	154	261	337	405	427	1	10.7	5.4	14.4	4.5	4.4	1.1	10.9	4.2
Croatia	92	81	76	70	75	2	-1.1	-1.3	-1.1	-1.4	1.0	1.4	-0.7	-0.8
Cuba	347	342	388	496	556	2	-0.5	-0.1	15.4	3.8	12.0	2.3	8.4	1.9
Cyprus	24	28	29	30	31	1	0.3	1.2	0.3	1.0	0.1	0.2	0.3	0.9
Czech Republic			2625	2634	2643						1.9	0.1		
Democratic People's Republic of Korea	1130	955	868	781	704	1	-17.5	-1.7	-17.4	-2.0	-15.4	-2.1	-17.0	-1.9
Democratic Republic of the Congo	56	57	57	59	60	1	0.1	0.2	0.2	0.4	0.3	0.5	0.2	0.3
Denmark	412	443	422	454	464	3	3.1	0.7	1.1	0.2	2.0	0.4	2.1	0.5
Djibouti	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Dominica	0	r	r	r	r	1	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Dominican Republic	18	21	39	81	119	2	0.3	1.4	6.0	14.7	7.6	8.0	4.0	7.8
Ecuador	44	70	65	60	55	3	2.6	4.7	-1.0	-1.5	-1.0	-1.7	0.4	0.9
Egypt	44	59	67	70	73	1	1.5	3.0	1.1	1.7	0.6	0.8	1.2	2.0
El Salvador	10	13	14	15	16	1	0.3	2.4	0.3	1.8	0.2	1.6	0.3	2.0
Equatorial Guinea	0	r	r	r	r	1	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Eritrea	10	21	28	34	39	1	1.1	7.8	1.3	4.8	1.2	3.2	1.2	5.6
Estonia	172	175	176	174	174	2	0.3	0.2	-0.1	-0.1	0.0	0.0	0.1	0.0
Ethiopia	491	491	491	511	972	1	0.0	0.0	2.0	0.4	92.2	13.7	19.2	2.8
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Faroe Islands	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fiji	92	130	153	141	154	3	3.8	3.5	1.0	0.8	2.7	1.9	2.5	2.1
Finland	4390	4953	5901	6775	6775	3	56.3	1.2	182.3	3.2	0.0	0.0	95.4	1.8
France	1528	1586	2205	2086	1967	3	5.8	0.4	50.0	2.8	-23.8	-1.2	17.6	1.0
French Guiana	1	1	1	1	1	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
French Polynesia		9	9	10	10	1			0.1	1.1	0.0	0.0		
Gabon	30	30	30	30	30	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gambia	1	1	1	1	1	1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.3
Georgia	54	60	61	72	72	3	0.6	1.1	1.2	1.8	0.0	0.0	0.7	1.2
Germany	5388	5416	5278	5290	5295	2	2.8	0.1	-12.6	-0.2	1.0	0.0	-3.7	-0.1
Ghana	50	60	160	260	325	3	1.0	1.8	20.0	15.8	13.0	4.6	11.0	7.8
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Greece	118	129	134	140	140	1	1.1	0.9	1.1	0.8	0.0	0.0	0.9	0.7

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 10. Planted forest 1990–2015**

Country/Territory	Planted forest (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Greenland	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Grenada	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	4	4	4	4	4	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	51	93	101	132	185	1	4.2	6.2	3.9	3.6	10.6	7.0	5.4	5.3
Guinea	60	72	82	93	104	1	1.2	1.8	2.1	2.6	2.2	2.3	1.8	2.2
Guinea-Bissau	r	r	1	1	1	1	0.0	5.6	0.0	6.7	0.0	4.4	0.0	5.8
Guyana	0	0	0	0	0	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Haiti	12	20	24	28	32	1	0.8	5.2	0.8	3.4	0.8	2.7	0.8	4.0
Holy See	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Honduras			0	0	0	1						0.0		
Hungary	1453	1519	1566	1629	1652	1	6.6	0.4	11.0	0.7	4.6	0.3	8.0	0.5
Iceland	6	19	26	32	38	3	1.2	11.3	1.3	5.6	1.2	3.6	1.3	7.4
India	5716	7167	9486	11139	12031	3	145.1	2.3	397.2	4.5	178.4	1.6	252.6	3.0
Indonesia		3322	4659	4803	4946	3			148.1	3.8	28.6	0.6		
Iran (Islamic Republic of)	516	516	941	941	941	2	0.0	0.0	42.5	6.2	0.0	0.0	17.0	2.4
Iraq	15	15	15	15	15	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ireland	383	553	612	654	683	1	17.0	3.7	10.2	1.7	5.7	0.9	12.0	2.3
Israel	66	88	88	88	89	3	2.2	2.9	0.0	0.0	0.2	0.2	0.9	1.2
Italy	547	584	602	621	639	2	3.7	0.7	3.7	0.6	3.6	0.6	3.7	0.6
Jamaica	9	8	8	7	7	2	-0.1	-0.8	-0.1	-1.2	-0.1	-1.1	-0.1	-1.0
Japan	10287	10331	10324	10292	10270	3	4.4	0.0	-3.9	0.0	-4.4	0.0	-0.7	0.0
Jordan			47	47	47	1					0.0	0.0		
Kazakhstan	1034	1056	909	901	901	1	2.2	0.2	-15.5	-1.6	0.0	0.0	-5.3	-0.5
Kenya	163	120	166	193	220	1	-4.3	-3.0	7.3	4.9	5.4	2.7	2.3	1.2
Kiribati	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kuwait	3	5	6	6	6	1	0.1	3.5	0.1	2.6	0.0	0.0	0.1	2.4
Kyrgyzstan	50	55	63	47	47	2	0.6	1.1	-0.8	-1.6	0.0	0.0	-0.1	-0.2
Lao People's Democratic Republic	3	19	27	70	113	1	1.6	22.3	5.1	14.1	8.6	10.1	4.4	16.5
Latvia	724	709	691	628	612	2	-1.5	-0.2	-8.1	-1.2	-3.2	-0.5	-4.5	-0.7
Lebanon			10	11	11	2					0.1	0.8		
Lesotho	6	8	9	10	17	1	0.2	3.2	0.2	2.4	1.3	10.5	0.4	4.3
Liberia	8	8	8	8	8	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Libya	217	217	217	217	217	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liechtenstein	r	r	r	r	r	1	0.0	4.1	0.0	0.0	0.0	0.0	0.0	1.6
Lithuania	411	461	491	530	570	3	5.0	1.2	6.9	1.4	8.0	1.5	6.4	1.3

## **QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 10. Planted forest 1990–2015**

Country/Territory	Planted forest (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990-2000		2000-2010		2010-2015		1990-2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Luxembourg	28	28	28	28	28	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Madagascar	231	272	290	415	312	1	4.1	1.6	14.3	4.3	-20.6	-5.5	3.2	1.2
Malawi	132	197	285	365	419	1	6.5	4.1	16.8	6.4	10.8	2.8	11.5	4.7
Malaysia	1956	1659	1573	1623	1966	3	-29.7	-1.6	-3.6	-0.2	68.6	3.9	0.4	0.0
Mali	5	55	205	530	135	2	5.0	27.1	47.5	25.4	-79.0	-23.9	5.2	14.1
Malta	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands	4	4	4	4	4	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Martinique	2	2	2	2	2	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritania	5	13	17	21	27	1	0.8	10.0	0.8	4.9	1.3	5.3	0.9	7.0
Mauritius	17	18	18	18	18	2	0.1	0.5	0.0	0.0	0.0	0.2	0.0	0.2
Mayotte	r	r	1	r	r	1	0.0	4.9	0.0	0.5	0.0	0.0	0.0	2.1
Mexico	3	35	40	59	87	1	3.2	27.8	2.4	5.4	5.6	8.1	3.4	14.4
Micronesia (Federated States of)	20	17	16	14	14	1	-0.3	-1.6	-0.3	-1.9	0.0	0.0	-0.2	-1.4
Monaco	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Mongolia	2	3	3	1	1	3	0.1	3.8	-0.2	-12.3	0.1	9.0	0.0	-2.0
Montenegro				8	8	3						0.0	0.0	
Montserrat	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Morocco	478	523	561	627	706	3	4.5	0.9	10.4	1.8	15.8	2.4	9.1	1.6
Mozambique	38	38	24	12	75	2	0.0	0.0	-2.6	-10.9	12.6	44.3	1.5	2.8
Myanmar	393	696	849	988	944	3	30.3	5.9	29.2	3.6	-8.8	-0.9	22.0	3.6
Namibia	0	0	r	r	r	1	0.0		0.0		0.0	4.6	0.0	
Nauru	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Nepal	40	42	43	43	43	1	0.2	0.5	0.1	0.2	0.0	0.0	0.1	0.3
Netherlands	345	360	365	373	376	3	1.5	0.4	1.3	0.4	0.6	0.2	1.2	0.3
New Caledonia	10	10	10	10	10	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	1546	2052	2107	2082	2087	3	50.6	2.9	3.0	0.1	1.0	0.0	21.6	1.2
Nicaragua			1	92	48	3					-8.7	-12.2		
Niger	48	73	110	148	150	2	2.5	4.3	7.5	7.3	0.4	0.3	4.1	4.7
Nigeria	251	316	349	328	420	1	6.5	2.3	1.2	0.4	18.4	5.1	6.8	2.1
Niue				r	r	1					0.0	0.0		
Northern Mariana Islands	24	23	22	22	22	1	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3	-0.1	-0.3
Norway	1089	1325	1400	1463	1529	2	23.6	2.0	13.8	1.0	13.2	0.9	17.6	1.4
Oman	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	234	296	318	340	362	1	6.2	2.4	4.4	1.4	4.4	1.3	5.1	1.8
Panama	13	44	62	79	80	3	3.1	13.3	3.5	6.1	0.4	0.5	2.7	7.7

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 10. Planted forest 1990–2015**

Country/Territory	Planted forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Papua New Guinea	0	0	0	0	0	3	0.0		0.0		0.0	
Paraguay	23	36	43	56	98	1	1.3	4.6	2.0	4.5	8.4	11.8
Peru	263	715	754	993	1157	3	45.2	10.5	27.8	3.3	32.8	3.1
Philippines	301	323	47	45	1245	2	2.2	0.7	-27.8	-17.9	240.0	94.3
Poland	8511	8645	8767	8877	8957	3	13.4	0.2	23.2	0.3	16.0	0.2
Portugal		802	839	865	891	3			6.3	0.8	5.2	0.6
Puerto Rico	0	0	0	0	0	3	0.0		0.0		0.0	
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea		1738	1781	1823	1866	3			8.5	0.5	8.6	0.5
Republic of Moldova	1	1	1	2	2		0.0	0.0	0.1	7.2	0.0	0.0
Réunion	5	5	5	5	5	1	0.0	0.0	0.0	0.0	0.0	0.0
Romania	528	528	530	540	569	1	0.0	0.0	1.2	0.2	5.8	1.1
Russian Federation	12651	15360	16963	19613	19841	3	270.9	2.0	425.3	2.5	45.6	0.2
Rwanda	248	282	323	384	418	1	3.4	1.3	10.2	3.1	6.8	1.7
Saint Lucia	3	3	3	3	3	2	0.0	0.0	0.0	0.0	0.0	0.0
Saint Pierre and Miquelon	0	0	0	0	0	1	0.0		0.0		0.0	
Saint Vincent and the Grenadines		0	0	0	0	1			0.0		0.0	
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
Samoa		32	32	32	32	1			0.0	0.0	0.0	0.0
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Sao Tome and Principe	0	0	0	0	0	1	0.0		0.0		0.0	
Saudi Arabia	0	0	0	0	0	1	0.0		0.0		0.0	
Senegal	205	306	407	464	561	1	10.1	4.1	15.8	4.3	19.4	3.9
Serbia	39	39	39	180	215	3	0.0	0.0	14.1	16.5	7.0	3.6
Seychelles	5	5	5	5	5	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	7	8	11	15	16	1	0.1	1.7	0.7	6.3	0.4	2.5
Singapore	0	0	0	0	0	1	0.0		0.0		0.0	
Slovakia	960	958	965	962	960	3	-0.2	0.0	0.4	0.0	-0.4	0.0
Slovenia	34	36	37	32	34	3	0.2	0.6	-0.4	-1.2	0.4	1.2
Solomon Islands	44	28	27	27	27	1	-1.7	-4.6	-0.1	-0.3	0.0	0.0
Somalia	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	1626	1724	1750	1763	1763	1	9.8	0.6	3.9	0.2	0.0	5.5
Spain	2037	2504	2549	2882	2909	3	46.7	2.1	37.8	1.4	5.4	0.2
Sri Lanka	258	234	195	205	215	3	-2.4	-1.0	-2.9	-1.3	2.0	1.0
Sudan	5424	5639	5854	5940	6121	1	21.5	0.4	30.1	0.5	36.2	0.6

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 10. Planted forest 1990–2015**

Country/Territory	Planted forest (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Suriname	13	13	13	13	13	1	0.0	0.0	0.0	0.0	0.0	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Swaziland	160	150	145	140	135	2	-1.0	-0.6	-1.0	-0.7	-1.0	-0.7
Sweden	7399	9839	11099	12564	13737	3	244.0	2.9	272.5	2.5	234.6	1.8
Switzerland	157	163	167	169	172	1	0.6	0.4	0.6	0.4	0.6	0.4
Syrian Arab Republic	175	234	264	294		1	6.0	3.0	6.0	2.3	-58.7	-100.0
Tajikistan	99	101	101	101	103	3	0.2	0.2	0.0	0.0	0.4	0.2
Thailand	2668	3111	3444	3986	3986	2	44.3	1.5	87.5	2.5	0.0	0.0
The former Yugoslav Republic of Macedonia	105	105	105	105	105	1	0.0	0.0	0.0	0.0	0.0	0.0
Timor-Leste	29	43	43	43	43	1	1.4	4.0	0.0	0.0	0.0	0.6
Togo	24	34	38	42	46	1	1.0	3.5	0.8	2.1	0.8	1.8
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	15	16	17	18	11	2	0.1	0.6	0.2	1.2	-1.4	-9.0
Tunisia	293	519	597	674	725	2	22.6	5.9	15.5	2.6	10.2	1.5
Turkey	1495	1952	2192	2840	3386	1	45.7	2.7	88.8	3.8	109.2	3.6
Turkmenistan	0	0	0	0	0	1	0.0		0.0		0.0	
Uganda	34	32	31	55	60	1	-0.2	-0.6	2.3	5.6	1.0	1.8
Ukraine	4637	4755	4787	4818	4860	3	11.8	0.3	6.3	0.1	8.4	0.2
United Arab Emirates	245	310	312	317	323	1	6.5	2.4	0.7	0.2	1.1	0.3
United Kingdom				2716								
United Republic of Tanzania	150	200	230	240	290	1	5.0	2.9	4.0	1.8	10.0	3.9
United States of America	17938	22560	24425	25564	26364	3	462.2	2.3	300.4	1.3	160.0	0.6
Uruguay	201	629	782	979	1062	1	42.8	12.1	35.0	4.5	16.6	1.6
Uzbekistan	203	464	594	635	802	2	26.1	8.6	17.1	3.2	33.3	4.8
Venezuela (Bolivarian Republic of)				557	557	2				0.0	0.0	
Viet Nam	967	2052	2709	3823	3663	2	108.5	7.8	177.1	6.4	-32.0	-0.9
Wallis and Futuna Islands	r	r	r	r	1	1	0.0	8.8	0.0	4.9	0.0	3.3
Western Sahara	0	0	0	0	0	1	0.0		0.0		0.0	
Yemen	0	0	0	0	0	1	0.0		0.0		0.0	
Zambia	60	60	60	62	64	1	0.0	0.0	0.2	0.3	0.4	0.2
Zimbabwe	154	120	108	87	87	1	-3.4	-2.5	-3.3	-3.2	0.0	-2.7

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 11. Other naturally regenerated and planted forest 2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)			Planted forest (1 000 ha)			
	Total	...of which introduced species	...of which naturalized	Tier status	Total	...of which introduced species	Tier status
Albania	597	0		1	90		1
Algeria	1400			2	556		1
Angola	57731			1	125		1
Argentina	24172			2	1202	1178	2
Armenia	293			1	22		1
Australia	117695	0		2	2017	1025	3
Austria	2063	0	0	3	1692	39	3
Bahamas	515			1	0	0	1
Bahrain	0	0		1	1		1
Bangladesh	744			1	274	40	2
Barbados	6			2	r		3
Belarus	6323			1	1910	1	1
Belgium	289	20	20	3	394	281	3
Belize	765			1	2		1
Benin	4288			1	23	23	1
Bhutan	2320			3	22		3
Bolivia (Plurinational State of)	18574			1	26	26	1
Bosnia and Herzegovina	1184			1	999		1
Botswana	10840			1	0	0	1
Brazil	283111			1	7736	7416	1
Brunei Darussalam	114			1	3	0	1
Burkina Faso	5111			2	239		1
Burundi	116			1	120		1
Cabo Verde	6	6	0	3	84	84	3
Cambodia	9066			1	69		1
Canada	125361			1	15784		3
Central African Republic	20180			1	2	2	1
Chad	4857			1	18		1
Chile	9336			3	3044	3044	3
China	117707	5885		3	78982	22115	3
Colombia					71		1
Comoros	26	0		3	3		1
Congo	14856			1	71		1
Cook Islands	14			1	1		1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 11. Other naturally regenerated and planted forest 2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)			Planted forest (1 000 ha)			
	Total	...of which introduced species	...of which naturalized	Tier status	Total	...of which introduced species	Tier status
Costa Rica	924			3	18		3
Côte d'Ivoire	9349			1	427		1
Croatia	1840	57	57	2	75	27	2
Cuba	2644			1	556	207	1
Cyprus	129	0	0	1	31	1	1
Czech Republic	24			1	2643		3
Democratic People's Republic of Korea	3626			1	704		1
Democratic Republic of the Congo	49832			1	60		1
Denmark	114	25	0	3	464	256	3
Djibouti	6			1	0		1
Dominica	17			1	r		1
Dominican Republic	1864			2	119	79	2
Ecuador	25			3	55		3
Egypt	0	0		1	73	58	1
El Salvador	244	0		1	16	15	1
Equatorial Guinea	1568	0	0	1	r	0	1
Eritrea	1471			1	39	36	1
Estonia	2000	0	0	3	174	2	3
Ethiopia	11527			1	972		1
Falkland Islands (Malvinas)*	0	0	0	1	0	0	1
Faroe Islands	0			1	r	r	1
Fiji	452	0		2	154	154	3
Finland	15212	r	0	3	6775	28	3
France	15022	401	376	3	1967	874	3
French Guiana	317	0		3	1	1	3
French Polynesia	105			1	10		1
Gabon	10166	0	0	3	30		3
Gambia	486			1	1		1
Georgia	2250	0	0	2	72	0	3
Germany	6124	0	0	2	5295	533	2
Ghana	8617	0	8617	2	325		3
Gibraltar	0	0	0	1	0	0	1
Greece	3914			1	140		1
Greenland	0	0		1	r	r	1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 11. Other naturally regenerated and planted forest 2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)			Planted forest (1 000 ha)			
	Total	...of which introduced species	...of which naturalized	Tier status	Total	...of which introduced species	Tier status
Grenada	14			1	r		1
Guadeloupe	31			2	4	4	2
Guatemala	2021			2	185	8	2
Guinea	6197			1	104	82	1
Guinea-Bissau	1971			1	1		1
Guyana	10049	0	10049	3	0	0	2
Haiti	65			1	32		1
Holy See	0	0	0	1	0	0	1
Honduras	4135			1			1
Hungary	417	199		1	1652		1
Iceland	11	0	0	3	38	30	3
India	42950			3	12031	1576	3
Indonesia	40040	0	0	2	4946	0	3
Iran (Islamic Republic of)	9551	100	9451	2	941	137	2
Iraq	810			1	15		1
Ireland	71	5		1	683	518	1
Israel	76	1		1	89	26	3
Italy	8565	248	248	3	639	93	3
Jamaica	241	39	39	2	7	7	2
Japan	9783			3	10270		3
Jordan	51			1	47		2
Kazakhstan	2408			1	901		1
Kenya	4193	0	0	1	220	220	1
Kiribati	12	0		1	0	0	1
Kuwait	0	0	0	1	6		1
Kyrgyzstan					47		3
Lao People's Democratic Republic	17455			2	113		1
Latvia	2728	0	0	2	612	2	2
Lebanon	126	0		3	11		3
Lesotho	32			2	17	17	2
Liberia	3996			1	8	8	1
Libya	0	0	0	1	217		1
Liechtenstein	5			1	r		1
Lithuania	1584	0	0	3	570	3	3

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 11. Other naturally regenerated and planted forest 2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)			Planted forest (1 000 ha)			
	Total	...of which introduced species	...of which naturalized	Tier status	Total	...of which introduced species	Tier status
Luxembourg	59			1	28		1
Madagascar	9168			1	312	312	1
Malawi	1883			1	419	419	1
Malaysia	15188	0	0	3	1966	1836	3
Mali	4580	0	0	2	135	120	2
Malta	0			1	r		1
Marshall Islands	0			3	4		3
Martinique	46	0	0	2	2	2	3
Mauritania	197			1	27	27	1
Mauritius	20			2	18	18	2
Mayotte	4			3	r	r	3
Mexico	32897			3	87		1
Micronesia (Federated States of)	2			1	14		1
Monaco	0	0	0	1	0	0	1
Mongolia	0			3	1		3
Montenegro	710	1	0	3	8	0	3
Montserrat	3	0		1	0	0	1
Morocco	4926			2	706	205	3
Mozambique	37865	0	0	2	75	75	2
Myanmar	24905			1	944		3
Namibia	6919			1	r		1
Nauru	0	0	0	1	0	0	1
Nepal	3067	407		1	43	10	2
Netherlands	0	0	0	3	376	96	3
New Caledonia	398			1	10	9	1
New Zealand	5905			2	2087	2087	3
Nicaragua	1832			3	48		3
Niger	772	140		2	150		2
Nigeria	6553	200		1	420	0	1
Niue	12	0		1	r	r	1
Northern Mariana Islands	0			1	22		1
Norway	10423	0	0	3	1529	83	2
Oman	0	0		1	2	0	1
Pakistan	1110			1	362		1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 11. Other naturally regenerated and planted forest 2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)			Planted forest (1 000 ha)			
	Total	...of which introduced species	...of which naturalized	Tier status	Total	...of which introduced species	Tier status
Panama	4537			3	80	67	3
Papua New Guinea	15960	0	0	1	0	0	3
Paraguay	13341			2	98		1
Peru	7026			1	1157		3
Philippines	5934			2	1245		2
Poland	419			1	8957	55	3
Portugal	2267	180	6	3	891	891	3
Puerto Rico	496			3	0	0	3
Qatar	0	0	0	1	0	0	1
Republic of Korea	858			3	1866	1221	3
Republic of Moldova	407			1	2		1
Réunion	28	8		1	5	4	1
Romania	6009	376	251	1	569	49	2
Russian Federation	522372	0	0	3	19841	66	3
Rwanda	55			1	418		1
Saint Lucia				3	3		3
Saint Martin (French part)	r			2			
Saint Pierre and Miquelon	3	0		1	0	0	1
Saint Vincent and the Grenadines	27			1	0		1
Saint-Barthélemy	0	0	0	1	0	0	1
Samoa	139			1	32		1
San Marino	0	0		1	0	0	1
Sao Tome and Principe	27			1	0		1
Saudi Arabia	617			1	0		1
Senegal	6204			2	561	278	2
Serbia	2504	0	17	3	215	0	3
Seychelles	34			2	5	5	2
Sierra Leone	2526			1	16		1
Singapore	16			3	0	0	3
Slovakia	956	25		3	960	19	3
Slovenia	1165	0	0	3	34	0	3
Solomon Islands	1053	0		1	27	18	1
Somalia	6360	0	6360	1	3	0	1
South Africa	6531	0		1	1763	1763	1

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**
**Table 11. Other naturally regenerated and planted forest 2015**

Country/Territory	Other naturally regenerated forest (1 000 ha)			Planted forest (1 000 ha)			
	Total	...of which introduced species	...of which naturalized	Tier status	Total	...of which introduced species	Tier status
Spain	15509	138		3	2909	1078	3
Sri Lanka	1688			2	215		3
Sudan	11744			1	6121	13	1
Suriname	1300	0	0	1	13	7	1
Svalbard and Jan Mayen Islands	0	0	0	3	0	0	3
Swaziland	450			2	135		2
Sweden	11919	0	0	3	13737	693	3
Switzerland	1042	3	1	3	172	4	3
Tajikistan	12			3	103	4	3
Thailand	5687			2	3986		2
The former Yugoslav Republic of Macedonia	893			1	105		1
Timor-Leste	643			1	43		1
Togo	142			1	46		1
Tokelau	0	0	0	1	0	0	1
Tonga	4			1	1	1	1
Trinidad and Tobago	161	0		3	11	11	3
Tunisia	316			2	725	508	3
Turkey	7416			1	3386	59	1
Turkmenistan	4023			1	0	0	1
Uganda	2017			1	60	60	1
Ukraine	4738			3	4860		3
United Arab Emirates	0	0	0	1	323	0	1
United Republic of Tanzania	45770			2	290		2
United States of America	208431	627		3	26364	359	3
United States Virgin Islands	18			3			
Uruguay	470	0	0	1	1062	1062	3
Uzbekistan	2345			2	802		2
Venezuela (Bolivarian Republic of)	380			2	557	525	2
Viet Nam	11027			3	3663		3
Wallis and Futuna Islands	5			2	1	0	1
Western Sahara	707	0		1	0	0	1
Yemen	549			1	0	0	1
Zambia	48571			2	64		2
Zimbabwe	13174	0	0	1	87	87	1

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 12. Mangroves 1990–2015**

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 12. Mangroves 1990–2015**

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**Table 12. Mangroves 1990–2015**

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**

**Table 12. Mangroves 1990–2015**

Country/Territory	Mangroves (1 000 ha)										Tier status	Tier trend		
	Total					...of which planted								
	1990	2000	2005	2010	2015	1990	2000	2005	2010	2015				
Luxembourg	0	0	0	0	0	0	0	0	0	0	3	3		
Madagascar	330	315	300	298	283						1	1		
Malaysia	548	529	545	529	521				r	1	3	3		
Mali	0	0	0	0	0	0	0	0	0	0	3	3		
Malta	0	0	0	0	0	0	0	0	0	0	1	1		
Marshall Islands	r	r	r	r	r						3	3		
Martinique	2	2	2	2	2						3	2		
Mauritania	r	r	r	r	r					r	1	1		
Mauritius	r	r	r	r	r	r	r	r	r	r	2	2		
Mayotte	1	1	1	1	1						3	1		
Mexico	917	922	944	948	941			6	2	3	3	2		
Micronesia (Federated States of)	10	10	10	10	10						1	1		
Monaco	0	0	0	0	0	0	0	0	0	0	3	3		
Mongolia	0	0	0	0	0						3	3		
Montenegro	0	0	0	0	0	0	0	0	0	0	3	3		
Montserrat	0	0	0	0							1	1		
Morocco	0	0	0	0	0	0	0	0	0	0	3	3		
Mozambique	404	377	364	351	337	0	0	0	0	0	2	2		
Myanmar	517	486	438	438	299						2	2		
Namibia	0	0	0	0	0	0	0	0	0	0	3	3		
Nauru	0	0	0	0	0	0	0	0	0	0	1	1		
Nepal	0	0	0	0	0						3	3		
Netherlands	0	0	0	0	0	0	0	0	0	0	3	3		
Netherlands Antilles**	1	1	1	1	1	0	0	0	0	0	1	1		
New Caledonia	35	35	35	35	35	0	0	0	0	0	1	1		
New Zealand	28	28	28	28	28	0	0	0	0	0	2	2		
Nicaragua			29	29	29						3	3		
Niger	0	0	0	0	0						1	1		
Nigeria	1012	997	997	997	997	251	316	349	328	420	1	1		
Niue	3	3	3	3	3						1	1		
Northern Mariana Islands	r	r	r	r	r						1	1		
Norway	0	0	0	0	0	0	0	0	0	0	3	3		
Occupied Palestinian Territory	0	0	0	0	0	0	0	0	0	0	3	3		
Oman	1	1	1	1	1						1	1		
Pakistan	207	158	128	98	95						1	1		
Palau	47										2			
Panama	182	179	177	175	174						3	3		

**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**
**Table 12. Mangroves 1990–2015**

Country/Territory	Mangroves (1 000 ha)										Tier status	Tier trend		
	Total					...of which planted								
	1990	2000	2005	2010	2015	1990	2000	2005	2010	2015				
Papua New Guinea	565	540	528	516	650						3	3		
Paraguay	0	0	0	0		0	0	0	0		1	1		
Peru	6	5	5	6	5				r	r	3	3		
Philippines	154	227	265	311	356						2	2		
Poland	0	0	0	0	0	0	0	0	0	0	1	1		
Portugal	0	0	0	0	0	0	0	0	0	0	3	3		
Puerto Rico	5	8	7	6	5	0	0	0	0	0	3	3		
Qatar	1	1	1	1	1						1	1		
Republic of Korea	0	0	0	0	0						3	3		
Republic of Moldova	0	0	0	0							1	1		
Réunion	0	0	0	0	0					0	1	1		
Romania	0	0	0	0	0	0	0	0	0	0	1	1		
Russian Federation	0	0	0	0	0	0	0	0	0	0	3	3		
Rwanda	0	0	0	0	0	0	0	0	0	0	1	1		
Saint Kitts and Nevis		r	r	r	r						2	2		
Saint Lucia	r	r	r	r	r						2	2		
Saint Martin (French part)					r						2	2		
Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	1	1		
Saint Vincent and the Grenadines	r	r	r	r	r						1	1		
Saint-Barthélemy	0	0	0	0	0	0	0	0	0	0	1	1		
San Marino	0	0	0	0	0	0	0	0	0	0	1	1		
Sao Tome and Principe	r	r	r	r	r	0	0	0	0	0	1	1		
Saudi Arabia	158	158	158	158	158						1	1		
Senegal	145	127	115	102	122				23	37	2	1		
Serbia	0	0	0	0	0	0	0	0	0	0	1	1		
Seychelles	3	3	3	3	3						3	1		
Sierra Leone	145	105	100	95	83						3	3		
Singapore	1	1	1	1	1	0	0	0	0	0	3	1		
Slovakia	0	0	0	0	0	0	0	0	0	0	1	1		
Slovenia	0	0	0	0	0	0	0	0	0	0	1	1		
Solomon Islands	53	46	42	38	34						1	1		
Somalia	9	8	7	7	6	0	0	0	0	0	1	1		
South Africa	2	2	2	2	2	0	0	0	0	0	1	1		
South Sudan	0	0	0	0	0						1	1		
Spain	0	0	0	0							3	3		
Sri Lanka	9	11	12	16	16						3	3		
Sudan			30	31	35	0	0	0	0	0	1	1		

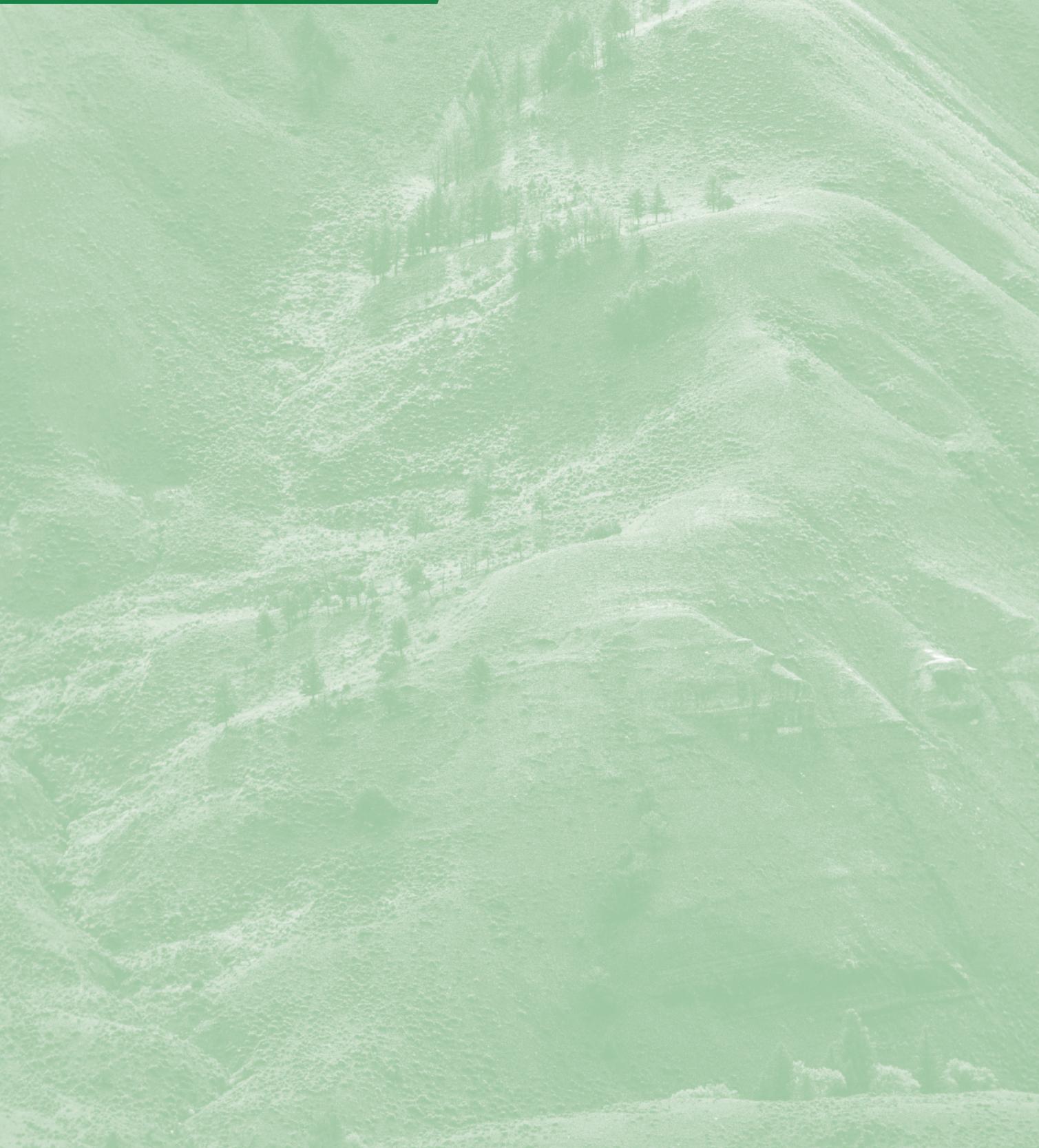
**QUESTION 2: WHAT IS THE AREA OF NATURAL AND PLANTED FOREST AND HOW HAS IT CHANGED OVER TIME?**
**Table 12. Mangroves 1990–2015**

Country/Territory	Mangroves (1 000 ha)										Tier status	Tier trend		
	Total					...of which planted								
	1990	2000	2005	2010	2015	1990	2000	2005	2010	2015				
Suriname	115	115	115	114	114	0	0	0	r	r	1	1		
Svalbard and Jan Mayen Islands	0	0	0	0	0	0	0	0	0	0	3	3		
Swaziland	0	0	0	0	0	0	0	0	0	0	3	3		
Sweden	0	0	0	0	0	0	0	0	0	0	3	3		
Switzerland	0	0	0	0	0	0	0	0	0	0	3	3		
Syrian Arab Republic	0	0	0	0							1	1		
Tajikistan	0	0	0	0							3	3		
Thailand	174	245	265	244	240	3	3	10	4	4	2	2		
The former Yugoslav Republic of Macedonia	0	0	0	0	0						1	1		
Timor-Leste	3	2	2	2	2						1	1		
Togo	1	1	1	1	1						1	1		
Tokelau	0	0	0	0	0	0	0	0	0	0	1	1		
Tonga	1	1	1	1	4						1	1		
Trinidad and Tobago	5	5	5	5	7						3	2		
Tunisia	0	0	0	0	0						3	3		
Turkey	0	0	0	0	0	0	0	0	0	0	3	3		
Turkmenistan	0	0	0	0	0						1	1		
Turks and Caicos Islands	24	24	24	24	24						1	1		
Tuvalu	r	r	r	r	r						1	1		
Uganda	0	0	0	0	0	0	0	0	0	0	1	1		
Ukraine	0	0	0	0	0	0	0	0	0	0	3	3		
United Arab Emirates	4	4	4	4	5						1	1		
United Kingdom	0	0	0	0	0	0	0	0	0	0	1	1		
United Republic of Tanzania	140	127	125	123	121						2	1		
United States of America	240	236	236	243	243						3	2		
Uruguay	0	0	0	0		0	0	0	0		1	1		
Uzbekistan	0	0	0	0	0						1	1		
Vanuatu	3	3	3	3	3						1	1		
Venezuela (Bolivarian Republic of)	245	231	224	217	203						2	2		
Viet Nam	73	71	62	262	270				208		3	2		
Wallis and Futuna Islands	r	r	r	r	r	0	0	0	0	r	2	1		
Western Sahara	0	0	0	0	0						1	1		
Yemen	1	1	1	1	1						1	1		
Zambia	0	0	0	0	0	0	0	0	0	0	3	3		
Zimbabwe	0	0	0	0	0	0	0	0	0	0	3	3		

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\*Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

# Production



**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 13. Growing stock in forest and other wooded land 2015**

Country/Territory	Forest				Other wooded land		Tier status
	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	Coniferous (million m <sup>3</sup> )	Broadleaved (million m <sup>3</sup> )	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	
Afghanistan	21	16					1
Albania	76	99	19	57	8	31	1
Algeria	89	46	30	59	10	4	2
American Samoa	2	104	0	2	0		1
Angola	2241	39					1
Argentina	2667	98	435	2232	899	14	2
Armenia	41	123			1	13	1
Austria	1155	299	927	228	0		3
Azerbaijan	149	131					1
Bangladesh	86	60	0	86			2
Belarus	1669	193	1116	554			2
Belgium	188	275	91	97			3
Belize	222	162					1
Benin	152	35	0	152			1
Bhutan	510	185	102	408			1
Bolivia (Plurinational State of)	4133	75	0	4133			1
Bosnia and Herzegovina	358	164	135	223			1
Botswana	725	67	0	725			1
Brazil	96745	196	379	96367	423	11	2
Brunei Darussalam	73	192		73	1	26	1
Bulgaria	699	183	315	384			3
Burkina Faso	225	42	0	225	72	15	2
Burundi	33	120			40	201	1
Cabo Verde	13	144	1	12			3
Cambodia	893	94					1
Cameroon	5802	308	0	5802	244	19	1
Central African Republic	3751	169	0	3751			1
Chad	89	18			143	7	1
Chile	3316	187	426	2890			2
China	16002	77	6561	9441	1279	12	3
Comoros	3	85			r	8	3
Congo	4523	203			477	46	1
Costa Rica	696	253	0	696			3
Côte d'Ivoire	2626	252					1
Croatia	415	216	54	361	6	10	1
Cuba	213	67	29	184			2
Cyprus	11	64	11	r			3

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 13. Growing stock in forest and other wooded land 2015**

Country/Territory	Forest				Other wooded land		Tier status
	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	Coniferous (million m <sup>3</sup> )	Broadleaved (million m <sup>3</sup> )	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	
Czech Republic	791	297	642	149	0		2
Democratic People's Republic of Korea	319	63	170	149			1
Democratic Republic of the Congo	35115	230					1
Denmark	120	196	54	67	1	11	3
Djibouti	r	32					1
Dominican Republic	119	60	22	98	5	15	2
Ecuador	3013	240					3
Egypt	9	120	0	0	r	11	1
Equatorial Guinea	258	165	0	258	1	156	2
Estonia	476	213	257	220	7	32	3
Ethiopia	251	20			103	3	1
Falkland Islands (Malvinas)*	0		0	0	0		1
Faroe Islands	0	0	0	0	0		1
Finland	2320	104	1851	469	8	10	3
France	2935	173	1043	1892			3
French Guiana	2846	350	0	2846	0		2
Gabon	5405	235	0	5405			1
Gambia	18	37			2	20	1
Georgia	455	161	124	330			2
Germany	3663	321	2242	1421	0		2
Ghana	378	40					2
Gibraltar	0		0	0	0		1
Greece	193	48	83	110			1
Greenland	0	0	0	0	0		1
Guadeloupe	26	368	r	26	r	2	2
Guam	2	67	0	2	0		1
Guatemala	461	130	49	412	39	29	2
Guinea	492	77					1
Guinea-Bissau	59	30			1	3	1
Guyana	2991	181	0	2991	325	181	1
Haiti	6	66	2	5			1
Holy See	0		0	0	0		1
Honduras	556	121	154	402			1
Hungary	377	182	55	322			3
Iceland	1	10	r	r	r	r	3
India	5167	73	517	4650			3

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 13. Growing stock in forest and other wooded land 2015**

Country/Territory	Forest				Other wooded land		Tier status
	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	Coniferous (million m <sup>3</sup> )	Broadleaved (million m <sup>3</sup> )	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	
Indonesia	10227	112	0	10227			1
Iran (Islamic Republic of)	394	37	39	354			1
Ireland	117	155	97	20			3
Israel	6	36	3	3			2
Italy	1385	149	544	841			3
Jamaica	52	154	r	51	24	129	2
Jordan	3	30					1
Kazakhstan	364	110	239	125	12	1	1
Kenya	836	189	62	774	300	32	1
Kyrgyzstan	48	75	39	9	1	1	2
Lao People's Democratic Republic	920	49	9	911	32	11	1
Latvia	665	198	356	309	2	17	3
Lebanon	5	39	4	2	1	5	3
Lesotho	3	65			1	10	1
Liberia	660	158					1
Libya	8	36			4	13	1
Liechtenstein	2	254					1
Lithuania	515	236	301	214	3	30	3
Luxembourg	26	299	8	18			1
Madagascar	2133	171			651	45	1
Malawi	345	110					2
Malaysia	5034	227	0	5034	0		3
Mali	93	20	0	93	146	8	2
Malta	r	231			0		1
Marshall Islands	2	162	0	2	0		1
Martinique	15	311	0	15			2
Mauritania	4	20	0	4	30	10	1
Mauritius	3	86	1	2	r	28	1
Mexico	4727	72	1870	2857			3
Micronesia (Federated States of)	18	272	0	18	0		1
Monaco	0		0	0	0		1
Mongolia	1406	112	1309	97	2	r	2
Montenegro	121	147	49	73	r	3	1
Morocco	154	27	52	102	1	1	2
Mozambique	1377	36			284	20	1
Myanmar	1342	46					2
Namibia	166	24			43	5	1

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 13. Growing stock in forest and other wooded land 2015**

Country/Territory	Forest				Other wooded land		Tier status
	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	Coniferous (million m <sup>3</sup> )	Broadleaved (million m <sup>3</sup> )	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	
Nauru	0		0	0	0		1
Nepal	647	178			67	35	2
Netherlands	81	215	41	41	0		3
New Caledonia	53	64					1
New Zealand	3975	392	1131	2844	75	71	3
Nicaragua	482	155	14	467			2
Niger	11	10			10	3	1
Nigeria	936	134	0	936			1
Northern Mariana Islands	1	48	0	1	0		1
Norway	1157	96	841	316	8	4	3
Pakistan	135	92	113	22			1
Palau	8	190	0	8	0		3
Panama	751	163	r	751	8	16	2
Papua New Guinea	5195	155	0	5195			1
Peru	8891	120					1
Philippines	1298	161	28	1270	155	22	3
Poland	2540	269	1751	789			2
Puerto Rico	43	88	r	43			3
Qatar	0		0	0			1
Republic of Korea	918	148	552	366			3
Republic of Moldova	50	123	1	49	4	51	1
Réunion	17	195	r	17	1	20	1
Romania	1930	281	609	1321	5	54	2
Russian Federation	81488	100	57536	23952	1534	20	2
Rwanda	85	177			2	30	1
Saint Lucia	7	352		7			3
Saint-Barthélemy	0		0	0	0		1
San Marino	0		0	0	0		1
Sao Tome and Principe	7	125	0	7			2
Saudi Arabia	8	8	3	5	6	5	1
Senegal	308	37	0	308	23	4	2
Serbia	418	154	48	370	37	73	3
Seychelles	3	74					2
Sierra Leone	121	40			7	34	1
Slovakia	532	274	240	292			3
Slovenia	432	346	197	234	1	61	3
Solomon Islands	208	95					1

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 13. Growing stock in forest and other wooded land 2015**

Country/Territory	Forest				Other wooded land		Tier status
	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	Coniferous (million m <sup>3</sup> )	Broadleaved (million m <sup>3</sup> )	Total (million m <sup>3</sup> )	m <sup>3</sup> /ha	
Somalia	159	25	109	50			1
South Africa	670	73			491	20	1
Spain	1212	66	635	577	2	r	3
Sri Lanka	46	22			r	3	2
Sudan	1378	72		1378	310	15	1
Suriname	3816	249	0	3816			1
Svalbard and Jan Mayen Islands	0		0	0	0		3
Swaziland	19	32	8	11	6	12	1
Sweden	2989	106	2481	507	7	3	3
Switzerland	442	352	298	144	1	10	3
Tajikistan	5	13			1	4	2
Thailand	1506	92					2
The former Yugoslav Republic of Macedonia	76	77	8	69			1
Tokelau	0		0	0	0		1
Tonga	1	156					1
Tunisia	27	26	17	11	1	4	2
Turkey	1506	129	991	515	72	7	2
Turkmenistan	15	4					1
Uganda	92	44	5	87	21	7	2
Ukraine	2196	227	1086	1110	1	38	2
United Arab Emirates	16	49			r	25	1
United Kingdom	652	207	396	256			3
United Republic of Tanzania	3333	72	572	2761	156	20	3
United States of America	40699	131	23282	17416	414	19	3
United States Virgin Islands	1	33	0	1			3
Uruguay	131	71	2	129		0	1
Uzbekistan	55	17	15	40	5	45	1
Viet Nam	878	59					3
Wallis and Futuna Islands	1	137	r	1	2	480	1
Western Sahara	26	37	0	26			1
Yemen	5	9			12	8	1
Zambia	2709	56			59	10	2
Zimbabwe	540	38	7	533	0		1

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 14. Trends in forest growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> o.b.)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 m <sup>3</sup> /yr	%						
Afghanistan	21	21	21	21	21	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Albania	75	76	74	75	76	1	0.1	0.1	-0.1	-0.1	0.3	0.3	0.0	0.1
Algeria	76	72	70	88	89	1	-0.4	-0.5	1.6	2.0	0.2	0.2	0.5	0.6
American Samoa	2	2	2	2	2	1	0.0	-0.2	0.0	-0.2	0.0	-0.1	0.0	-0.2
Angola	2364	2315	2291	2266	2241	1	-4.9	-0.2	-4.9	-0.2	-5.0	-0.2	-4.9	-0.2
Argentina	3081	2985	2896	2776	2667	2	-9.6	-0.3	-20.9	-0.7	-21.8	-0.8	-16.6	-0.6
Armenia	42	41	41	40	41	1	-0.1	-0.2	-0.1	-0.2	0.1	0.2	-0.1	-0.1
Austria	927	1067	1102	1129	1155	3	14.0	1.4	6.2	0.6	5.2	0.5	9.1	0.9
Azerbaijan		133	139	144	149	1			1.1	0.8	1.0	0.7		
Bangladesh	72	71	70	83	86	2	-0.1	-0.2	1.3	1.6	0.6	0.7	0.6	0.7
Belarus	1093	1339	1435	1580	1669	2	24.6	2.1	24.1	1.7	17.9	1.1	23.0	1.7
Belgium	128	157	169	178	188	3	2.9	2.1	2.1	1.3	1.9	1.0	2.4	1.5
Belize	257	242	234	226	222	1	-1.5	-0.6	-1.6	-0.7	-0.8	-0.4	-1.4	-0.6
Benin	203	179	170	161	152	1	-2.5	-1.3	-1.8	-1.0	-1.8	-1.1	-2.0	-1.2
Bhutan	534	524	519	515	510	1	-1.0	-0.2	-1.0	-0.2	-1.0	-0.2	-1.0	-0.2
Bolivia (Plurinational State of)	4658	4457	4357	4242	4133	1	-20.1	-0.4	-21.5	-0.5	-21.8	-0.5	-21.0	-0.5
Bosnia and Herzegovina	291	358	358	358	358	1	6.7	2.1	0.0	0.0	0.0	0.0	2.7	0.8
Botswana	799	780	770	735	725	1	-1.9	-0.2	-4.5	-0.6	-2.0	-0.3	-3.0	-0.4
Brazil	104731	100804	98398	97346	96745	1	-392.7	-0.4	-345.9	-0.3	-120.0	-0.1	-319.4	-0.3
Brunei Darussalam	82	77	75	72	73	1	-0.5	-0.6	-0.5	-0.6	0.1	0.2	-0.3	-0.4
Bulgaria	405	526	591	645	699	3	12.1	2.6	11.9	2.1	10.8	1.6	11.8	2.2
Burkina Faso	288	262	250	237	225	2	-2.6	-0.9	-2.5	-1.0	-2.4	-1.0	-2.5	-1.0
Burundi	37	23	22	30	33	1	-1.5	-4.8	0.8	2.9	0.5	1.7	-0.2	-0.5
Cabo Verde	8	12	12	12	13	1	0.4	3.6	0.1	0.4	0.1	1.0	0.2	1.8
Cambodia	1257	1109	1025	959	893	1	-14.8	-1.2	-15.0	-1.4	-13.2	-1.4	-14.6	-1.4
Cameroon	7497	6819	6480	6141	5802	1	-67.8	-0.9	-67.8	-1.0	-67.8	-1.1	-67.8	-1.0
Canada			47320											
Central African Republic	3875	3825	3801	3776	3751	1	-5.0	-0.1	-4.9	-0.1	-5.0	-0.1	-5.0	-0.1
Chad	123	116	112	101	89	1	-0.7	-0.6	-1.5	-1.4	-2.4	-2.5	-1.4	-1.3
Chile	2875	2952	2974	2997	3316	2	7.7	0.3	4.5	0.2	63.9	2.0	17.7	0.6
China	10483	12348	13585	14962	16002	3	186.6	1.7	261.3	1.9	208.2	1.4	220.8	1.7

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 14. Trends in forest growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> o.b.)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Comoros	4	4	4	3	3	1	0.0	-0.9	0.0	-1.3	0.0	-1.4
Congo	4603	4568	4551	4539	4523	1	-3.5	-0.1	-2.9	-0.1	-3.2	-0.1
Costa Rica	267	248	260	272	696	3	-1.9	-0.7	2.4	0.9	84.8	20.7
Côte d'Ivoire	2588	2618	2638	2632	2626	1	3.0	0.1	1.4	0.1	-1.2	0.0
Croatia	310	360	385	406	415	1	5.0	1.5	4.6	1.2	1.7	0.4
Cuba	130	205	242	196	213	2	7.5	4.7	-0.9	-0.5	3.5	1.7
Cyprus	7	8	8	10	11	3	0.1	0.7	0.2	2.3	0.2	2.3
Czech Republic	624	699	735	755	791	2	7.4	1.1	5.6	0.8	7.3	1.0
Democratic People's Republic of Korea	504	436	400	360	319	1	-6.8	-1.4	-7.6	-1.9	-8.2	-2.4
Democratic Republic of the Congo	36906	36189	35831	35473	35115	1	-71.7	-0.2	-71.6	-0.2	-71.6	-0.2
Denmark	67	94	110	113	120	3	2.7	3.4	1.9	1.9	1.4	1.2
Djibouti	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0
Dominican Republic	67	89	99	109	119	2	2.3	3.0	2.0	2.0	2.0	1.8
Ecuador	3525	3292	3199	3106	3013	2	-23.3	-0.7	-18.6	-0.6	-18.6	-0.6
Egypt	5	7	8	8	9	1	0.2	3.0	0.1	1.7	0.1	0.8
Equatorial Guinea	306	287	277	268	258		-1.9	-0.6	-1.9	-0.7	-2.0	-0.8
Estonia	393	458	455	470	476	3	6.5	1.5	1.2	0.3	1.2	0.3
Ethiopia	348	306	285	264	251		-4.2	-1.3	-4.2	-1.5	-2.5	-1.0
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0	
Faroe Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Finland	1877	2081	2188	2320	2320	3	20.4	1.0	23.9	1.1	0.0	0.0
France	2077	2254	2512	2649	2935	3	17.7	0.8	39.5	1.6	57.2	2.1
French Guiana	2876	2864	2859	2848	2846	2	-1.2	0.0	-1.6	-0.1	-0.4	0.0
Gabon	5170	5170	5170	5170	5405	1	0.0	0.0	0.0	0.0	47.0	0.9
Gambia	17	17	18	18	18	1	0.1	0.5	0.1	0.3	0.1	0.1
Georgia	421	445	456	455	455	2	2.4	0.6	0.9	0.2	0.0	1.3
Germany	2815	3381	3502	3617	3663	2	56.6	1.8	23.6	0.7	9.2	0.3
Ghana	434	406	397	389	378	1	-2.9	-0.7	-1.7	-0.4	-2.1	-0.6
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0	
Greece	156	170	177	185	193	1	1.4	0.9	1.5	0.8	1.6	0.9
Greenland	0	0	0	0	0	1	0.0		0.0		0.0	

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 14. Trends in forest growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> o.b.)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Grenada	1	1	1	1		1	0.0	0.0	0.0	-2.0		
Guadeloupe	28	27	26	26	26	2	-0.1	-0.3	-0.1	-0.3	0.1	0.2
Guam	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	774	630	589	547	461	2	-14.4	-2.0	-8.3	-1.4	-17.2	-3.4
Guinea	562	534	520	506	492	1	-2.8	-0.5	-2.8	-0.5	-2.8	-0.6
Guinea-Bissau	67	64	62	61	59	1	-0.3	-0.5	-0.3	-0.5	-0.4	-0.7
Guyana	3015	3009	3005	3000	2991	1	-0.6	0.0	-0.9	0.0	-1.8	-0.1
Haiti	8	7	7	7	6	1	0.0	-0.6	-0.1	-0.7	0.0	-0.4
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	
Honduras	986	775	702	629	556	1	-21.1	-2.4	-14.6	-2.1	-14.6	-2.4
Hungary	288	325	341	359	377	3	3.7	1.2	3.4	1.0	3.6	1.0
Iceland	r	r	r	r	1	2	0.0	12.1	0.0	12.0	0.0	11.4
India	4363	4662	5129	5489	5167	3	29.9	0.7	82.7	1.6	-64.4	-1.2
Indonesia	14233	13229	12459	11343	10227	1	-100.4	-0.7	-188.6	-1.5	-223.2	-2.1
Iran (Islamic Republic of)	516	517	527	469	394	1	0.1	0.0	-4.8	-1.0	-15.1	-3.5
Ireland			69	90	117	3					5.4	5.4
Israel	6	6	6	6	6	2	0.0	-0.5	0.0	0.4	0.0	0.3
Italy	855	1068	1174	1279	1385	2	21.3	2.2	21.1	1.8	21.2	1.6
Jamaica	53	52	52	52	52	2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Japan	3111	3853	4255	4699		3	74.2	2.2	84.6	2.0		
Jordan	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0
Kazakhstan	366	363	364	364	364	1	-0.2	-0.1	0.0	0.0	0.0	-0.1
Kenya	849	639	725	781	836	1	-21.0	-2.8	14.2	2.0	11.0	1.4
Kyrgyzstan	22	27	30	48	48	2	0.5	2.2	2.1	5.8	0.0	1.0
Lao People's Democratic Republic	997	977	958	939	920	1	-2.0	-0.2	-3.8	-0.4	-3.8	-0.4
Latvia	442	537	557	614	665	2	9.5	2.0	7.7	1.3	10.2	1.6
Lebanon			5	5	5	1					0.1	1.0
Lesotho	3	3	3	3	3	1	0.0	0.5	0.0	0.5	0.1	2.2
Liberia	779	731	708	684	660	1	-4.7	-0.6	-4.7	-0.7	-4.7	-0.7
Libya	8	8	8	8	8	1	0.0	0.0	0.0	0.0	0.0	0.0
Liechtenstein	2	2	2	2	2	1	0.0	0.6	0.0	0.0	0.0	0.2

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

Table 14. Trends in forest growing stock 1990–2015

Country/Territory	Growing stock (million m <sup>3</sup> o.b.)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Lithuania	413	450	465	490	515	3	3.7	0.9	4.0	0.9	5.0	1.0
Luxembourg	20	26	26	26	26	1	0.6	2.4	0.0	0.0	0.0	0.2
Madagascar	2347	2227	2195	2146	2133	1	-12.0	-0.5	-8.1	-0.4	-2.6	-0.1
Malawi	427	391	373	354	345	2	-3.6	-0.9	-3.7	-1.0	-1.8	-0.5
Malaysia	5097	4696	4436	4585	5034	3	-40.1	-0.8	-11.1	-0.2	89.8	1.9
Mali	132	116	109	101	93	1	-1.6	-1.2	-1.6	-1.4	-1.6	-1.6
Malta	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Martinique		15	15	15	15	2			0.0	0.0	0.0	0.0
Mauritania	8	6	5	5	4	1	-0.2	-2.7	-0.2	-2.7	-0.1	-1.5
Mauritius	3	3	3	3	3	1	0.0	0.3	0.0	-0.6	0.0	0.1
Mexico	4964	4842	4787	4752	4727	2	-12.2	-0.2	-8.9	-0.2	-5.0	-0.1
Micronesia (Federated States of)	17	17	17	17	18	1	0.0	0.0	0.0	0.0	0.0	0.0
Monaco	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Mongolia	1641	1533	1480	1349	1406	1	-10.8	-0.7	-18.4	-1.3	11.4	0.8
Montenegro		73	73	121	121	1			4.9	5.3	0.0	0.0
Morocco	128	143	152	150	154	1	1.5	1.1	0.7	0.5	0.8	0.5
Mozambique	1575	1495	1454	1420	1377	1	-8.0	-0.5	-7.5	-0.5	-8.6	-0.6
Myanmar	1765	1569	1499	1430	1342	2	-19.6	-1.2	-13.9	-0.9	-17.6	-1.3
Namibia	211	193	184	175	166	1	-1.8	-0.9	-1.8	-1.0	-1.8	-1.8
Nauru	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0
Nepal	856	694	647	647	647	1	-16.2	-2.1	-4.7	-0.7	0.0	0.0
Netherlands	52	61	71	76	81	3	0.9	1.6	1.5	2.2	1.0	1.3
New Caledonia	53	53	53	53	53	1	0.0	0.0	0.0	0.0	0.0	0.0
New Zealand	3548	3741	3816	3902	3975	2	19.3	0.5	16.1	0.4	14.6	0.4
Nicaragua	668	565	513	461	482	2	-10.4	-1.7	-10.4	-2.0	4.1	0.9
Niger	20	14	13	12	11	1	-0.6	-3.5	-0.2	-1.5	-0.2	-1.7
Nigeria	2061	1611	1386	1161	936	1	-45.0	-2.4	-45.0	-3.2	-45.0	-4.2
Northern Mariana Islands	2	2	1	1	1	1	0.0	-0.5	0.0	-0.5	0.0	-0.5
Norway	788	898	981	1069	1157	3	11.0	1.3	17.1	1.8	17.6	1.6
Pakistan	261	211	185	160	135	1	-5.0	-2.1	-5.1	-2.7	-5.0	-3.3

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 14. Trends in forest growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> o.b.)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Palau	7	8	8	8	8	3	0.0	0.4	0.0	0.2	0.0	0.0
Panama	820	792	778	764	751	2	-2.8	-0.3	-2.7	-0.4	-2.7	-0.4
Papua New Guinea	5205	5201	5199	5197	5195	1	-0.4	0.0	-0.4	0.0	-0.4	0.0
Peru	8419	8306	8249	8159	8891	1	-11.3	-0.1	-14.7	-0.2	146.4	1.7
Philippines	1233	1247	1218	1141	1298	2	1.4	0.1	-10.6	-0.9	31.5	2.6
Poland	1485	1736	1909	2372	2540	2	25.1	1.6	63.6	3.2	33.6	1.4
Portugal	203	198	185	186		1	-0.5	-0.2	-1.2	-0.6		
Puerto Rico	12	27	33	38	43	3	1.6	9.0	1.1	3.4	1.1	2.7
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea	320	526	654	799	918	3	20.6	5.1	27.3	4.3	23.8	2.8
Republic of Moldova	37	43	45	48	50	1	0.6	1.6	0.5	1.0	0.6	1.2
Réunion	17	17	17	17	17	1	0.0	0.0	0.0	0.1	0.0	0.0
Romania	1348	1346	1352	1378	1930	2	-0.1	0.0	3.2	0.2	110.5	7.0
Russian Federation	80040	80270	80479	81523	81488	2	23.1	0.0	125.2	0.2	-7.0	0.0
Rwanda	70	35	69	79	85	1	-3.5	-6.7	4.4	8.5	1.2	1.5
Saint Lucia	4	5	6	7	7	2	0.1	3.0	0.1	2.0	0.1	1.9
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Sao Tome and Principe	7	7	7	7	7	2	0.0	0.0	0.0	-0.6	0.0	0.0
Saudi Arabia	8	8	8	8	8	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	349	332	324	316	308	2	-1.7	-0.5	-1.6	-0.5	-1.6	-0.5
Serbia	235	250	298	415	418	3	1.5	0.6	16.5	5.2	0.6	0.1
Seychelles	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	125	117	113	109	121	1	-0.8	-0.6	-0.8	-0.7	2.3	2.0
Slovakia	402	463	495	514	532	3	6.2	1.4	5.1	1.0	3.6	0.7
Slovenia	273	333	374	406	432	3	6.0	2.0	7.3	2.0	5.1	1.2
Solomon Islands	219	213	211	208	208	1	-0.5	-0.2	-0.5	-0.2	0.0	0.0
Somalia	207	188	178	169	159	1	-1.9	-1.0	-1.9	-1.1	-2.0	-1.2
South Africa	670	670	670	670	670	1	0.0	0.0	0.0	0.0	0.0	0.0
Spain	664	906	1027	1120	1212	3	24.2	3.2	21.4	2.1	18.5	1.6
Sri Lanka	54	51	48	47	46	2	-0.4	-0.7	-0.4	-0.8	-0.2	-0.5

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 14. Trends in forest growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> o.b.)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Sudan	1638	1600	1456	1422	1378	1	-3.8	-0.2	-17.8	-1.2	-8.8	-0.6
Suriname	3840	3830	3826	3821	3816	1	-1.0	0.0	-1.0	0.0	-1.0	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Swaziland	20	19	19	19	19	1	0.0	-0.2	0.0	-0.2	0.0	-0.1
Sweden	2501	2703	2907	2948	2989	3	20.2	0.8	24.5	0.9	8.2	0.3
Switzerland	395	417	422	432	442	3	2.2	0.5	1.5	0.4	2.0	0.5
Tajikistan	6	5	5	5	5	2	0.0	-0.7	0.0	-0.2	0.0	0.0
Thailand	1291	1376	1352	1535	1506	2	8.5	0.6	15.9	1.1	-5.8	-0.4
The former Yugoslav Republic of Macedonia	76	79	76	76	76	1	0.3	0.3	-0.2	-0.3	0.0	0.0
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	25	25	24	24		2	-0.1	-0.3	-0.1	-0.4		
Tunisia	17	22	24	26	27	2	0.5	2.6	0.4	1.7	0.2	0.4
Turkey	1021	1132	1209	1347	1506	2	11.1	1.0	21.5	1.8	31.8	2.3
Turkmenistan	14	14	15	15	15	1	0.0	0.1	0.1	0.4	0.0	0.0
Uganda	206	168	149	121	92	1	-3.8	-2.0	-4.7	-3.2	-5.8	-5.3
Ukraine	1414	1884	2004	2100	2196	2	47.0	2.9	21.6	1.1	19.2	0.9
United Arab Emirates	12	15	15	16	16	1	0.3	2.4	0.0	0.2	0.1	0.2
United Kingdom	366	480	537	595	652	2	11.4	2.7	11.5	2.2	11.4	1.8
United Republic of Tanzania	4046	3757	3612	3467	3333	1	-28.9	-0.7	-28.9	-0.8	-26.9	-0.8
United States of America	33223	35556	36523	38582	40699	3	233.3	0.7	302.6	0.8	423.4	1.1
United States Virgin Islands		r	r	r	1	3			0.0	10.4	0.0	5.6
Uruguay			121	125	131	1					1.1	0.9
Uzbekistan	10	19	23	26	55	1	0.8	6.0	0.7	3.2	5.9	16.7
Viet Nam	658	794	825	844	878	2	13.6	1.9	5.0	0.6	6.8	0.8
Wallis and Futuna Islands	1	1	1	1	1	1	0.0	0.4	0.0	0.3	0.0	0.5
Western Sahara	26	26	26	26	26	1	0.0	0.0	0.0	0.0	0.0	0.0
Yemen	5	5	5	5	5	1	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	2941	2848	2802	2755	2709	1	-9.3	-0.3	-9.3	-0.3	-9.3	-0.3
Zimbabwe	846	721	658	596	540	1	-12.5	-1.6	-12.5	-1.9	-11.2	-2.0

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 15. Trends in other wooded land growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> )						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Albania	7	8	8	7	8	1	0.1	1.5	-0.1	-0.9	0.1	1.6	r	0.5
Algeria	8	9	9	9	10	1	0.1	1.5	r	0.2	0.1	1.1	0.1	0.9
American Samoa	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Argentina	853	862	895	903	899	2	0.9	0.1	4.1	0.5	-0.8	-0.1	1.8	0.2
Armenia	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Austria	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
Brazil	507	468	448	432	423	1	-3.9	-0.8	-3.6	-0.8	-1.8	-0.4	-3.4	-0.7
Brunei Darussalam	1	1	1	1	1	1	r	0.8	r	0.7	r	0.2	r	0.6
Burkina Faso	88	82	78	75	72	2	-0.6	-0.7	-0.7	-0.9	-0.6	-0.8	-0.6	-0.8
Burundi	10	10	8	38	40	1	0.0	-0.4	2.8	14.6	0.5	1.4	1.2	5.7
Cameroon	244	244	244	244	244	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chad	196	185	180	161	143	1	-1.1	-0.6	-2.4	-1.4	-3.6	-2.3	-2.1	-1.3
China	1060	1044	1068	1167	1279	3	-1.6	-0.2	12.3	1.1	22.4	1.9	8.8	0.8
Comoros	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Congo	485	482	480	479	477	1	-0.3	-0.1	-0.3	-0.1	-0.4	-0.1	-0.3	-0.1
Croatia	3	4	5	6	6	1	0.1	4.2	0.1	2.9	r	0.6	0.1	2.9
Czech Republic	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Denmark	4	4	1	1	1	3	0.0	0.0	-0.3	-13.2	-0.1	-11.1	-0.1	-7.7
Dominican Republic	7	10	12	7	5	2	0.4	4.4	-0.4	-4.3	-0.4	-7.4	-0.1	-1.5
Egypt	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equatorial Guinea	1	1	1	1	1	1	r	1.7	0.0	0.0	r	1.5	r	1.0
Estonia	6	7	7	7	7	3	r	0.5	r	0.6	r	0.6	r	0.5
Ethiopia	103	103	103	103	103	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Faroe Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Finland	7	5	10	8	8	3	-0.2	-3.3	0.3	4.8	0.0	0.0	r	0.5
French Guiana	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Gambia	2	2	2	2	2	1	0.0	-0.7	0.0	-0.8	0.0	-0.8	0.0	-0.7
Germany	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Greenland	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Guadeloupe	r	r	r	r	r	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guam	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Guatemala	49	49	49	40	39	2	0.0	0.0	-0.9	-2.0	-0.2	-0.5	-0.4	-0.9
Guernsey	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Guinea-Bissau	1	1	1	1	1	1	0.0	-1.9	0.0	-0.5	0.0	-0.6	0.0	-1.1
Guyana	325	325	325	325	325	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Holy See	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Hungary	0	0	0	0	3	0.0		0.0						
Iceland	r	r	r	r	r	2	0.0	0.7	0.0	1.0	0.0	0.6	0.0	0.8

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 15. Trends in other wooded land growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> )						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Isle of Man	0	0	0	0	0	1	0.0		0.0		0.0	
Jamaica	24	24	24	24	24	2	0.0	-0.1	0.0	-0.1	0.0	-0.1
Jersey	0	0	0	0	0	1	0.0		0.0		0.0	
Kazakhstan	11	12	12	12	12	1	0.1	1.1	r	0.0	0.0	r 0.4
Kenya	321	315	318	309	300	1	-0.6	-0.2	-0.6	-0.2	-1.8	-0.6 -0.8 -0.3
Kiribati	0	0	0	0	0	1	0.0		0.0		0.0	
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0	
Kyrgyzstan				1	1	2					0.0	0.0
Lao People's Democratic Republic	29	29	30	31	32	1	0.0	0.0	0.2	0.7	0.2	0.6 0.1 0.4
Latvia	2	2	2	2	2	2	r	1.0	0.0	-1.0	0.0	0.0 0.0 0.0
Lebanon			1	1	1	1					r	0.5
Lesotho	1	1	1	1	1	1	0.0	-1.7	0.0	-2.1	0.0	-0.2 0.0 -1.5
Libya	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0 0.0 0.0
Lithuania	2	3	2	3	3	3	r	0.4	0.0	0.0	0.1	4.4 r 1.0
Madagascar	952	829	767	706	651	1	-12.3	-1.4	-12.3	-1.6	-11.0	-1.6 -12.0 -1.5
Malaysia	0	0	0	0	0	3	0.0		0.0		0.0	
Maldives	0	0	0	0		1	0.0		0.0			
Mali	223	192	177	161	146	1	-3.1	-1.5	-3.1	-1.8	-3.1	-2.0 -3.1 -1.7
Malta	0	0	0	0	0	1	0.0		0.0		0.0	
Marshall Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Mauritania	31	31	31	31	30	1	0.0	0.0	-0.1	-0.2	0.0	-0.1 0.0 -0.1
Mauritius	1	1	r	r	r	1	0.0	0.0	0.0	-3.8	0.0	-0.6 0.0 -1.6
Micronesia (Federated States of)	0	0	0	0	0	1	0.0		0.0		0.0	
Monaco	0	0	0	0	0	1	0.0		0.0		0.0	
Mongolia	4	2	2	2	2	1	-0.2	-7.0	-0.1	-3.0	r	2.9 -0.1 -3.5
Montenegro		2	2	r	r	1			-0.1	-12.4	0.0	0.0
Morocco	r	r	r	r	1	1	r	11.6	r	2.9	r	4.6 r 6.6
Mozambique	298	292	290	287	284	1	-0.6	-0.2	-0.5	-0.2	-0.6	-0.2 -0.6 -0.2
Namibia	47	45	44	43	43	1	-0.2	-0.4	-0.2	-0.5	0.0	0.0 -0.2 -0.4
Nauru	0	0	0	0	0	1	0.0		0.0		0.0	
Nepal	35	53	67	67	67	1	1.8	4.2	1.4	2.4	0.0	0.0 1.3 2.6
Netherlands	0	0	0	0	0	3	0.0		0.0		0.0	
New Zealand			80	80	75	2	0.0		8.0		-1.0	-1.3 3.0
Niger	15	13	12	11	10	1	-0.2	-1.4	-0.2	-1.7	-0.2	-1.9 -0.2 -1.6
Northern Mariana Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Norway	5	6	6	7	8	3	0.1	1.9	0.1	2.0	0.2	2.1 0.1 2.0
Occupied Palestinian Territory	0	0	0	0	0	1	0.0		0.0		0.0	
Palau	0	0	0	0	0	3	0.0		0.0		0.0	
Panama	7	8	8	8	8	2	0.1	0.7	0.1	0.7	r	0.6 0.1 0.7

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 15. Trends in other wooded land growing stock 1990–2015**

Country/Territory	Growing stock (million m <sup>3</sup> )						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%	1 000 m <sup>3</sup> /yr	%
Philippines	71	147	168	161	155	2	7.7	7.6	1.4	0.9	-1.3	-0.8
Portugal			2	2		1						
Republic of Moldova	2	2	3	4	4	1	0.0	0.0	0.2	8.4	r	1.1
Réunion	1	1	1	1	1	1	0.0	0.0	0.0	-0.9	0.0	0.0
Romania					5							
Russian Federation	1605	1593	1651	1775	1534	2	-1.2	-0.1	18.2	1.1	-48.2	-2.9
Rwanda	7	1	2	2	2	1	-0.6	-16.0	0.1	4.1	0.0	0.0
Saint Lucia	0	0	0	0		1	0.0		0.0			
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	0.0
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Saudi Arabia	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	25	24	23	24	23	2	-0.1	-0.4	0.0	0.0	-0.2	-0.8
Serbia	6	3	3	26	37	3	-0.3	-6.7	2.3	24.1	2.2	7.3
Sierra Leone	10	7	5	3	7	1	-0.4	-4.4	-0.4	-8.1	0.8	19.2
Slovenia	3	2	2	2	1	3	0.0	-0.8	-0.1	-4.2	0.0	-1.4
South Africa	491	491	491	491	491	1	0.0	0.0	0.0	0.0	0.0	0.0
Spain	2	2	2	2	2	3	r	0.2	r	0.9	r	1.6
Sri Lanka				r	r	2				0.0	0.0	
Sudan	379	352	338	324	310	1	-2.8	-0.8	-2.8	-0.8	-2.8	-0.9
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	0.0
Swaziland	2	3	4	5	6	1	0.2	6.6	0.2	3.9	0.2	3.0
Sweden	6	7	7	5	7	3	0.1	0.8	-0.1	-1.8	0.3	5.3
Switzerland		1	1	1	1	3			r	0.6	r	0.3
Tajikistan	1	1	1	1	1	2	0.0	-1.8	0.0	0.0	0.0	0.0
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Trinidad and Tobago	1	1	1	2		2	r	1.0	r	0.9		
Tunisia	1	1	1	1	1	2	0.0	0.0	0.0	-0.9	0.0	0.0
Turkey	87	82	87	81	72	2	-0.5	-0.6	-0.1	-0.1	-1.8	-2.3
Uganda	10	17	21	21	21	1	0.7	5.6	0.4	1.9	0.0	0.4
Ukraine				1	1	2				0.0	0.0	
United Arab Emirates	r	r	r	r	r	1	0.0	0.5	0.0	0.8	r	1.1
United Republic of Tanzania	352	271	234	195	156	1	-8.1	-2.6	-7.6	-3.2	-7.9	-4.4
United States of America	406	408	410	412	414	3	0.2	0.0	0.4	0.1	0.4	0.1
Uzbekistan					5							
Wallis and Futuna Islands	2	2	2	2	2	1	r	0.4	r	0.4	r	0.4
Yemen	12	12	12	12	12	1	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	57	58	58	58	59	1	0.1	0.1	0.1	0.1	0.1	0.1
Zimbabwe	0	0	0	0	0	1	0.0		0.0	0.0	0.0	0.0

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?****Table 16. Growing stock composition 2010**

Country/Territory	Growing stock composition (% of total growing stock)				
	2 most common species	4 most common species	6 most common species	8 most common species	10 most common species
Albania	70	90			
Algeria	62	65	74	74	74
Argentina	31	48	58	65	68
Armenia	79	97	98	99	100
Austria	69	82	88	92	93
Bangladesh	26	35	41	46	50
Belarus	73	87	98	100	100
Belgium	48	69	76	83	89
Benin	6	9	11	13	15
Bhutan	48	60	68	75	79
Bulgaria	45	71	86	92	94
Central African Republic	4	7	8	9	9
China	16	30	40	48	54
Comoros	41	62	77	89	100
Congo	8	12	14	17	18
Croatia	48	67	78	82	86
Czech Republic	76	86	92	94	95
Denmark	44	60	69	77	84
Egypt	77	86	89	91	
Equatorial Guinea	39	55	71	83	89
Estonia	54	84	96	98	99
Finland	80	96	99	100	100
France	34	49	59	69	77
Georgia	68	80	89	95	97
Germany	55	82	88		
Guam	36	51	63	73	81
Guinea-Bissau	19	29	37	42	46
Hungary	25	50	68	78	84
Iceland	39	72	92		
India	14	19	23	25	26
Indonesia	55	60	65	85	88
Iran (Islamic Republic of)	65	79	91	96	96

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?****Table 16. Growing stock composition 2010**

Country/Territory	Growing stock composition (% of total growing stock)				
	2 most common species	4 most common species	6 most common species	8 most common species	10 most common species
Ireland	68	75	81	85	89
Israel	45	71	76	79	83
Italy	35	52	64	69	75
Jamaica	9	17	22	26	30
Japan	49	62	68	69	
Kazakhstan	51	77	93	98	100
Kenya	7	7	7	7	7
Kyrgyzstan	78	85	86		
Lao People's Democratic Republic	21	33	37	38	38
Latvia	61	87	98	100	
Lebanon	57	83	93	98	99
Lithuania	58	83	93	98	99
Luxembourg	63	90	96	97	98
Madagascar	8	13	17	20	21
Malaysia	26	44	56	66	74
Marshall Islands	74	85	92	96	98
Mauritania	46	73	78	79	80
Mauritius	52	58	66	66	66
Mexico	10	16	22	27	30
Micronesia (Federated States of)	25	40	51	59	66
Mongolia	774	787	788	788	
Montenegro	63	80	86	92	95
Morocco	55	73	84	92	94
Myanmar	15	27	34	38	42
Nepal	37	51	60	65	69
Netherlands	45	60	72	83	92
New Zealand	28	46	54	60	63
Nicaragua	9	16	19	22	23
Northern Mariana Islands	24	41	53	62	70
Norway	71	90	92	94	96
Pakistan	53	94			
Philippines	23	40	50	55	58

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 16. Growing stock composition 2010**

Country/Territory	Growing stock composition (% of total growing stock)				
	2 most common species	4 most common species	6 most common species	8 most common species	10 most common species
Poland	64	78	89	94	96
Puerto Rico	34	48	54	58	62
Republic of Korea	52	64	72	75	77
Réunion	3	5	5	5	5
Romania	64	81	84	86	87
Russian Federation	49	79	94	98	99
Saint Lucia	26	34	40	45	
Senegal	21	37	46	53	54
Serbia	52	60	70	76	83
Seychelles	10				
Slovakia	64	84	93	97	99
Slovenia	62	76	83	87	90
South Africa	14	22	25	27	27
Spain	28	45	59	71	81
Sudan	2	4	4	4	4
Suriname	17	25	29	33	36
Sweden	83	93	96	98	99
Switzerland	62	83	89	93	95
Tajikistan	71	84	90	91	92
Tunisia	63	73	80	83	84
Turkey	46	74	91	97	98
Turkmenistan	64	76	76	77	77
Ukraine	60	81	90	93	97
United Kingdom	43	58	69	77	84
United Republic of Tanzania	18	22	25	26	28
United States of America	20	27	34	40	45
United States Virgin Islands	25	49	59	69	71
Uzbekistan	83	89	90	91	91
Viet Nam	5	10	13	17	20
Zambia	22	40	51	59	65
Zimbabwe	40	43	44	45	45

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 17. Net annual increment in forest 1990–2015**

Country/Territory	Net annual increment ( $m^3$ per hectare and year)							Tier status	Tier trend		
	Total					...of which coniferous	...of which broadleaved				
	1990	2000	2005	2010	2015						
Austria	7.2	8.2	7.1	7.1	7.1	5.6	1.4	3	3		
Bangladesh	1.2	2.0	2.4	2.9	2.9		2.9	2	1		
Belarus			3.8	3.9	3.9	3.9	4.0	2	2		
Belgium		7.0	7.2	7.5	7.7	10.9	4.6	3	3		
Bulgaria	3.4	4.0	3.9	3.8	3.7	4.4	2.0	2	2		
Burkina Faso		1.2						2			
China	3.2	3.0	3.2	3.5	3.6			3	3		
Croatia	5.1	4.9	5.0	4.3	4.3	0.6	3.7	1	1		
Cuba					14.5	2.0	12.5	1	1		
Cyprus		0.6	0.7	1.0	1.2	1.2	2.0	3	3		
Czech Republic	7.3	8.5	8.8	9.1	9.4	10.1	8.0	2	2		
Denmark	9.0	9.2	8.7	8.6	8.7	6.3	2.4	3	3		
Equatorial Guinea	7.5	7.6	7.4	7.8	7.6	0.0	7.6	2	1		
Estonia	5.1	5.5	5.4	5.6	5.6	5.7	5.4	2	2		
Falkland Islands (Malvinas)*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Finland	3.2	3.6	4.2	4.4	4.4	3.4	1.0	3	3		
France			5.2	5.2	5.5	2.1	3.4	3	3		
French Guiana	1.0	1.0	1.0	1.0	1.0		1.0	2	2		
Gambia					1.2			1			
Georgia	1.8	1.8	1.8	1.8	1.8	2.2	1.7	2	2		
Germany	12.1	10.5	11.2	11.2	11.2	7.4	3.8	3	3		
Ghana	4.0							1			
Gibraltar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Guadeloupe					11.0		11.0	1	1		
Holy See	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Hungary	7.1	7.1	7.2	7.1	6.9	7.0	6.9	2	2		
Iceland	0.2	0.4	0.5	0.7	1.1	1.9	0.4	3	2		
Indonesia				2.5	2.5		2.5	1	1		
Iran (Islamic Republic of)	0.1	0.1	0.1	0.2	0.2			1	1		
Ireland				11.5				3			
Italy	3.3	3.2	3.2	3.2	3.2	1.0	2.2	3	2		
Japan		3.5	3.2	2.9				3	3		
Kenya	3.5	3.4	3.3	2.8	3.3	2.0	1.3	1	1		
Latvia				6.6	6.6			2	2		
Lithuania			5.8	5.8	6.4	7.3	5.5	3	3		
Malaysia					9.4	0.0	9.4	2	2		
Mali	0.9	0.9	0.9	0.9	0.9			2	1		
Mauritania					1.8	0.0	1.8	1	1		

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 17. Net annual increment in forest 1990–2015**

Country/Territory	Net annual increment ( $m^3$ per hectare and year)							Tier status	Tier trend		
	Total					...of which coniferous	...of which broadleaved				
	1990	2000	2005	2010	2015						
Mauritius		5.2		1.1	0.8	0.3	0.5	1	1		
Monaco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Mongolia	2.0	2.0	2.0	2.0	2.2	1.3	0.9	2	1		
Montenegro				3.8	3.8	8.1	2.9	1	1		
Morocco		2.5	1.5	-0.3	0.5	0.4	0.6	2	1		
Nauru	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Netherlands	7.8	8.0	7.5	7.4	7.3	8.1	6.7	3	3		
New Zealand			17.0	18.0	15.0	14.0	1.0	3	2		
Norway	2.1	2.3	2.4	2.3	2.3	3.2	1.1	3	2		
Philippines		0.2	0.4	0.4	0.6			2	2		
Poland				8.0	8.0			1	1		
Puerto Rico			5.1	4.9	4.8	0.0	4.7	3	3		
Qatar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Republic of Korea	2.9	4.5	4.1	4.9				3	3		
Romania				8.6	8.7	2.6	6.0	2	2		
Russian Federation	1.2	1.3	1.3	1.3	1.3	1.1	1.7	2	2		
Saint-Barthélemy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Sao Tome and Principe		4.7						2			
Serbia	3.1	2.7	2.7	3.8	4.0	8.0	3.6	3	2		
Slovakia	5.9	6.6	6.9	7.0	7.2	8.7	6.2	2	2		
Slovenia		7.2	8.2	8.7	9.0			3	3		
Spain	2.1	1.9	1.9	1.9	1.9	1.1	0.9	3	3		
Svalbard and Jan Mayen Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	3		
Swaziland	4.5	5.2	5.2	5.0	5.4	5.8	4.9	2	1		
Sweden	3.3	3.1	3.3	3.3	3.3	2.8	0.5	3	3		
Switzerland		7.0	7.3	7.7	8.1	8.9	6.7	3	3		
Tokelau	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	1		
Tunisia	0.6	0.8	0.8	0.8	0.8			2	1		
Turkey	2.9	3.0	3.1	3.2	3.2	2.1	1.1	2	2		
Ukraine	4.0	4.0	4.0	4.0	4.0	4.8	2.8	2	2		
United Kingdom	6.9	7.1	7.3	7.6	7.4	11.7	2.4	1	1		
United Republic of Tanzania	2.5	2.5	2.5	2.5	2.0			3	1		
United States of America	2.6	2.7	2.7	3.0	2.9	1.7	1.3	3	3		
United States Virgin Islands			3.5					3			
Uruguay						24.0	10.8	1			
Uzbekistan	3.4	5.8	7.0	7.8	7.1	2.5	14.6	2	1		
Viet Nam	3.0	3.0	3.0	3.0	4.0			2	1		

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 18. Biomass stock in forest and other wooded land 2015**

Country/Territory	Forest (million tonnes)						Other wooded land (million tonnes)			
	Total	Above-ground biomass	Below-ground biomass	Tier status	Dead wood	Tier status	Total	Above-ground biomass	Below-ground biomass	Dead wood
Afghanistan		63	18	1		1				
Albania	128	75	24	1	29	1	43.4	8.9	24.9	9.6
Algeria		67	18	1				6.9	3.2	
American Samoa		3	1	1						
Angola		7443	1787	1						
Argentina		4953	1280	1				2397.0	767.0	
Armenia		27	6	1				24	1.1	
Austria	816	639	162	3	15	3		4.0	1.0	
Bangladesh	218	177	35	1	6	1				
Belarus	1380	1053	320	1	7	1				
Belgium	149	120	25	3	5	3				
Belize		289	70	1						
Benin	539	426	102	1	11	1				
Bhutan		455	169	1						
Bolivia (Plurinational State of)		7426	1782	1						
Bosnia and Herzegovina		190	46	1						
Botswana		868	485	1						
Brazil	118865	96825	20590	2	1450	1	1182.0	342.6	832.6	6.9
Brunei Darussalam		123	30	1				2.2	0.5	
Bulgaria		355	98	1						
Burkina Faso		461	63	1				288.0	29.0	
Burundi		46	11	1				52.4	12.6	
Cabo Verde		9		1						
Cambodia		590	329	1						
Cameroon		4371	1049	1				294.0	59.0	
Central African Republic		4877	1170	1						
Chad		446	125	1				714.0	286.0	
Chile	3552	2487	498	2	567	2				
China	16655	10945	3494	1	2215	1	1201.5	742.5	282.1	176.9
Colombia		15424	3441	1						
Comoros	3	2	0	2	r	1	0.2	0.1	r	0.0
Congo		5880	1411	1				978.0	196.0	
Costa Rica		370		3						
Côte d'Ivoire	4436	3633	363	1	440	1				
Croatia		417	127	1				29.3	15.4	
Cuba	725	513	154	2	58	2				
Cyprus		6	2	1						

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 18. Biomass stock in forest and other wooded land 2015**

Country/Territory	Forest (million tonnes)						Other wooded land (million tonnes)			
	Total	Above-ground biomass	Below-ground biomass	Tier status	Dead wood	Tier status	Total	Above-ground biomass	Below-ground biomass	Dead wood
Czech Republic	815	657	122	2	36	2	0.0	0.0	0.0	0.0
Democratic People's Republic of Korea		236	87	1						
Democratic Republic of the Congo		33359	8006	1						
Denmark	85	68	14	2	3	3	0.0	0.0	0.0	0.0
Djibouti		r	r	1						
Dominican Republic	329	244	59	1	27	1	12.5	9.3	2.2	1.0
Ecuador	3364	2382	599	3	383	3				
Egypt	18	12	3	1	2	1	0.5	0.3	0.1	0.1
Equatorial Guinea		335	81	1						
Estonia	343	267	63	2	12	2	8.6	5.0	2.2	1.4
Falkland Islands (Malvinas)*	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Faroe Islands	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Finland	1593	1193	367	3	33	3	6.1	3.8	1.4	0.9
France		2224	648	3						
French Guiana	3740	2846	650	2	244	2	0.0	0.0	0.0	0.0
French Polynesia	47	36	7	1	4	1				
Gabon		5135	1232	1						
Gambia		55	13	1				8.2	4.0	
Georgia		337	88	2						
Germany	2434	2053	323	3	58	3	0.0	0.0	0.0	0.0
Ghana	4214	1171	345	2	2697	2	0.0	0.0	0.0	0.0
Gibraltar	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Greece		137	39	1						
Greenland	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Guadeloupe	28	22	5	2	1	1	0.0	r	r	0.0
Guam		3	1	1			0.0	0.0	0.0	0.0
Guatemala		439	105	2				41.0	9.0	
Guernsey							0.0	0.0	0.0	0.0
Guinea	1320	970	234	1	116	1				
Guinea-Bissau		165	33	1				2.0	0.4	
Guyana	10048	7800	1818	2	430	2	1091.0	847.0	197.0	47.0
Haiti		9	2	1						
Holy See	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Honduras		500	120	1						
Hungary	265	204	51	1	10	3				
Iceland		1	r	3				2.1	0.5	

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 18. Biomass stock in forest and other wooded land 2015**

Country/Territory	Forest (million tonnes)						Other wooded land (million tonnes)			
	Total	Above-ground biomass	Below-ground biomass	Tier status	Dead wood	Tier status	Total	Above-ground biomass	Below-ground biomass	Dead wood
India	4150	3100	992	3	58	2				
Indonesia	24972	18777	6195	1	0	1				
Iran (Islamic Republic of)		276	79	1						
Isle of Man				1			0.0	0.0	0.0	0.0
Israel	10	8	2	1	r	1				
Italy	1340	1028	254	3	58	3				
Jamaica		78	23	2				42.8	12.4	
Jersey							0.0	0.0	0.0	0.0
Jordan	6	4	2	1	1	1				
Kazakhstan		211	63	1				6.9	2.1	
Kenya		1086	261	1				390.0	94.0	
Kiribati							0.0	0.0	0.0	0.0
Kuwait							0.0	0.0	0.0	0.0
Kyrgyzstan	36	28	8	2	r	2	3.2	2.3	0.9	r
Lao People's Democratic Republic		1886	377	1				66.0	14.0	
Latvia	617	432	138	2	46	2	1.6	1.2	0.4	0.0
Lebanon		3	1	3				0.3	0.1	
Lesotho		4	1	1				1.4	0.3	
Liberia	1241	1002	239	1	0	1	0.0	0.0	0.0	0.0
Libya	15	11	2	1	2	1	4.3	2.7	0.9	0.7
Liechtenstein		1	r	1						
Lithuania	355	271	62	3	22	3	2.1	1.6	0.4	0.1
Luxembourg		17	2	1						
Madagascar		2773	666	1				1334.0	267.0	
Malawi		240	57	1						
Malaysia	5930	4782	1148	1	0	1	0.0	0.0	0.0	0.0
Mali		177	50	1				276.5	77.4	
Malta		r	r	1			0.0	0.0	0.0	0.0
Marshall Islands	5	4	1	1	r	1	0.0	0.0	0.0	0.0
Martinique	19	14	3	2	1	1				
Mauritania		16	4	1				76.0	21.3	
Mauritius		4	1	1				0.7	0.3	
Mexico	4192	3364	825	3	3	3	214.0	169.0	45.0	r
Micronesia (Federated States of)	41	32	9	1	r	1	0.0	0.0	0.0	0.0
Monaco	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Montenegro	121	97	16	1	8	1	0.4	0.3	0.1	r
Morocco	482	367	113	1	2	2	0.6	0.4	0.1	0.1

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 18. Biomass stock in forest and other wooded land 2015**

Country/Territory	Forest (million tonnes)						Other wooded land (million tonnes)			
	Total	Above-ground biomass	Below-ground biomass	Tier status	Dead wood	Tier status	Total	Above-ground biomass	Below-ground biomass	Dead wood
Mozambique	2614	733	1				1413.0	397.0		
Myanmar	2751	550	2							
Namibia	334	90	1				221.4	59.7		
Nauru	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Nepal	718	251	2				63.0	22.0		
Netherlands	69	54	11	3	4	3	0.0	0.0	0.0	0.0
New Caledonia	138	106	21	1	11	1				
New Zealand	3104	2233	543	3	328	3	51.0	35.0	9.0	7.0
Nicaragua	777	599	144	2	34	2				
Niger	57	16	1				52.0	21.0		
Nigeria	2067	1462	351	1	254	1				
Northern Mariana Islands	6	5	1	1	r	1	0.0	0.0	0.0	0.0
Norway	744	208	2				5.1	1.8		
Occupied Palestinian Territory							0.0	0.0	0.0	0.0
Pakistan	272	98	1							
Palau	22	17	5	3	r	3	0.0	0.0	0.0	0.0
Panama	976	234	1				33.4	8.0		
Papua New Guinea	10068	3725	1				286.0	114.0		
Peru	16004	3841	1							
Philippines	1597	1160	278	1	158	1	288.5	216.6	43.3	28.6
Poland	1818	1458	292	2	68	2				
Puerto Rico	51	42	8	3	1	3				
Qatar	0	0	0	1	0	1				
Republic of Korea	649	190	1							
Republic of Moldova	53	12	1							
Réunion	13	11	2	1	r	1	1.7	1.5	0.2	0.0
Romania	1314	1102	209	1	3	1	4.4	3.5	0.9	0.0
Russian Federation	80500	52400	13200	1	14900	2	1300.0	520.0	260.0	520.0
Rwanda	73	18	1				2.0	0.4		
Saint-Barthélemy	0	0	0	1	0	1	0.0	0.0	0.0	0.0
San Marino	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Sao Tome and Principe	13	3	1							
Saudi Arabia	14	10	3	1	2	1	9.8	6.7	1.9	1.2
Senegal	733	540	167	1	26	2	48.0	36.0	11.0	1.0
Serbia	575	394	110	1	71	1	24.8	20.3	2.5	2.0
Seychelles	8	6	1	1	0	1				
Sierra Leone	357	86	1				3.3	0.8		

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 18. Biomass stock in forest and other wooded land 2015**

Country/Territory	Forest (million tonnes)						Other wooded land (million tonnes)			
	Total	Above-ground biomass	Below-ground biomass	Tier status	Dead wood	Tier status	Total	Above-ground biomass	Below-ground biomass	Dead wood
Slovakia	472	362	79	1	31	1				
Slovenia	312	244	56	1	12	1	1.3	0.9	0.4	0.0
Solomon Islands		308	74	1						
Somalia		634	153	1						
South Africa	1957	1358	359	1	240	1	2403.0	1424.0	684.0	295.0
Spain		916	303	3						
Sri Lanka		128	26	1				0.4	0.1	
Sudan		3280	918	1				310.2	206.8	
Suriname	4204	3625	484	1	95	1				
Svalbard and Jan Mayen Islands	0	0	0	3	0	3	0.0	0.0	0.0	0.0
Swaziland		38	9	1				11.5	2.8	
Sweden	2288	1671	557	3	59	3	8.2	5.7	1.9	0.6
Switzerland	324	241	64	3	19	3		0.4	0.1	
Tajikistan	6	4	2	1	r	1		0.6	0.1	
Thailand		1447	390	1						
The former Yugoslav Republic of Macedonia	129	102	27	1	1	1				
Tokelau	0	0	0	1	0	1	0.0	0.0	0.0	0.0
Tonga		2	r	1						
Tunisia		15	5	1				0.6	0.2	
Turkey	1637	1284	340	1	13	1	309.4	216.0	91.3	2.2
Turkmenistan		18	8	1						
Uganda		128	35	1				28.8	7.8	
Ukraine	1619	1267	297	1	55	2				
United Arab Emirates	39	24	10	1	5	1	0.3	0.2	0.1	r
United Kingdom	481	349	126	3	6	1				
United Republic of Tanzania	11685	9332	2240	1	114	2	2167.7	140.4	33.7	1993.6
United States of America	39485	28933	5728	3	4824	3	604.0	460.0	86.0	58.0
United States Virgin Islands	2	1	r	3	1	3				
Uzbekistan		62	27	1				5.8	2.6	
Viet Nam		1710	470	1				62.4	16.8	
Wallis and Futuna Islands	1	1	r	1	r	1		1.2	0.2	
Western Sahara		50	15	1			0.0	0.0	0.0	0.0
Yemen	13	8	3	1	2	1	29.6	18.2	7.8	3.6
Zambia		4145	978	2				181.4	43.5	
Zimbabwe		741	200	1			0.0	0.0	0.0	0.0

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 19. Trends in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)					Annual change (1 000 t/yr)				
	1990	2000	2010	2015	Tier trend	By area 2015	1990– 2000	2000– 2010	2010– 2015	1990– 2015
						Tonnes/ha				
Afghanistan	81	81	81	81	1	60	0.0	0.0	0.0	0.0
Albania	98	99	98	99	1	129	0.0	-0.1	0.3	0.0
Algeria	72	68	83	85	1	43	-0.4	1.5	0.3	0.5
American Samoa	4	4	4	4	1	220	0.0	0.0	0.0	0.0
Angola	9730	9531	9330	9230	1	160	-19.9	-20.1	-20.0	-20.0
Argentina	7335	6981	6485	6233	1	230	-35.4	-49.6	-50.4	-44.1
Armenia	34	33	33	33	1	99	-0.1	-0.1	0.1	0.0
Australia		16023	15923		2			-10.0		
Austria	686	754	789	801	3	207	6.8	3.5	2.4	4.6
Bangladesh	178	174	205	212	1	148	-0.4	3.1	1.4	1.4
Belarus	820	1025	1299	1373	1	159	20.4	27.5	14.8	22.1
Belgium	101	119	137	145	3	212	1.9	1.7	1.6	1.8
Belize	416	390	365	359	1	263	-2.6	-2.5	-1.2	-2.3
Benin	706	620	559	528	1	122	-8.6	-6.1	-6.1	-7.1
Bhutan	568	592	613	624	1	227	2.4	2.1	2.3	2.3
Bolivia (Plurinational State of)	10376	9929	9451	9208	1	168	-44.7	-47.8	-48.6	-46.7
Bosnia and Herzegovina	192	236	236	236	1	108	4.4	0.0	0.0	1.8
Botswana	1446	1410	1374	1353	1	125	-3.6	-3.6	-4.2	-3.7
Brazil	127387	122583	118209	117415	1	238	-480.4	-437.4	-158.9	-398.9
Brunei Darussalam	172	162	152	153	1	403	-1.0	-1.0	0.1	-0.8
Bulgaria	269	343	420	453	2	118	7.4	7.7	6.6	7.4
Burkina Faso	671	610	552	524	1	98	-6.1	-5.8	-5.6	-5.9
Burundi	63	39	52	57	1	207	-2.3	1.3	0.9	-0.2
Cabo Verde	6	8	8	9	1	95	0.2	0.0	0.1	0.1
Cambodia	1295	1142	987	919	1	97	-15.3	-15.5	-13.6	-15.0
Cameroon	7004	6370	5736	5420	1	288	-63.4	-63.4	-63.2	-63.4
Canada	28855	28816	27984		2		-3.9	-83.2		
Central African Republic	6247	6166	6087	6047	1	273	-8.1	-7.9	-8.0	-8.0
Chad	786	741	645	571	1	117	-4.5	-9.6	-14.8	-8.6
Chile	2587	2657	2697	2985	2	168	7.0	4.0	57.6	15.9
China	9509	11387	13530	14440	1	69	187.8	214.3	182.0	197.2
Colombia		19854	18907	18866	1	322		-94.7	-8.3	

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 19. Trends in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)					Annual change (1 000 t/yr)				
	1990	2000	2010	2015	Tier trend	By area 2015	1990– 2000	2000– 2010	2010– 2015	1990– 2015
						Tonnes/ha				
Comoros	4	4	3	3	1	77	0.0	0.0	0.0	0.0
Congo	7418	7364	7316	7291	1	326	-5.4	-4.8	-5.0	-5.1
Costa Rica	497	461	506		3		-3.6	4.5		
Côte d'Ivoire	3937	3982	4005	3996	1	384	4.5	2.3	-1.8	2.4
Croatia	404	471	533	544	1	283	6.7	6.2	2.2	5.6
Cuba	438	641	626	667	2	208	20.3	-1.4	8.2	9.2
Cyprus	5	5	7	8	1	44	0.0	0.1	0.2	0.1
Czech Republic	611	686	742	779	2	292	7.5	5.6	7.3	6.7
Democratic People's Republic of Korea	509	440	364	323	1	64	-6.9	-7.6	-8.2	-7.4
Democratic Republic of the Congo	43474	42631	41787	41365	1	271	-84.3	-84.4	-84.4	-84.4
Denmark	68	73	77	82	2	134	0.5	0.4	1.0	0.6
Djibouti	0	0	0	0	1	86	0.0	0.0	0.0	0.0
Dominican Republic	168	226	277	302	1	152	5.8	5.1	5.1	5.4
Ecuador	3488	3257	3073	2981	2	238	-23.1	-18.4	-18.4	-20.3
Egypt	9	12	15	15	1	212	0.3	0.2	0.1	0.2
Equatorial Guinea	493	462	431	416	1	265	-3.1	-3.1	-3.1	-3.1
Estonia	282	317	326	330	2	148	3.4	1.0	0.8	1.9
Ethiopia	615	541	466		1		-7.4	-7.5		
Falkland Islands (Malvinas)*	0	0	0	0	1		0.0	0.0	0.0	0.0
Faroe Islands	0	0	0	0	1		0.0	0.0	0.0	0.0
Finland	1266	1431	1560	1560	3	70	16.5	12.9	0.0	11.8
France	2032	2207	2627	2872	3	169	17.5	42.0	49.0	33.6
French Guiana	3533	3519	3499	3496	2	430	-1.4	-2.0	-0.6	-1.5
French Polynesia			43	43	1	279			0.0	
Gabon	6091	6091	6091	6367	1	277	0.0	0.0	55.2	11.0
Gambia	62	65	67	68	1	140	0.3	0.3	0.2	0.3
Georgia	383	405	425	425	2	150	2.2	1.9	0.0	1.6
Germany	1743	2084	2242	2376	3	208	34.1	15.8	26.8	25.3
Ghana	1745	1627	1540	1516	2	162	-11.8	-8.7	-4.7	-9.1
Gibraltar	0	0	0	0	1		0.0	0.0	0.0	0.0
Greece	143	156	169	176	1	43	1.3	1.3	1.4	1.3

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 19. Trends in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)					Annual change (1 000 t/yr)				
	1990	2000	2010	2015	Tier trend	By area 2015	1990- 2000	2000- 2010	2010- 2015	1990- 2015
						Tonnes/ha				
Greenland	0	0	0	0	1	0	0.0	0.0	0.0	0.0
Grenada	3	3	2		1		0.0	-0.1		
Guadeloupe	28	28	27	27	2	373	-0.1	-0.1	0.0	-0.1
Guam	4	4	4	4	1	144	0.0	0.0	0.0	0.0
Guatemala	730	647	563	544	2	154	-8.3	-8.4	-3.8	-7.4
Guinea	1373	1306	1238	1204	1	189	-6.7	-6.8	-6.8	-6.8
Guinea-Bissau	224	215	205	198	1	100	-0.9	-1.0	-1.4	-1.0
Guyana	9697	9674	9647	9618	1	582	-2.3	-2.7	-5.8	-3.2
Haiti	13	13	12	11	1	116	-0.1	-0.1	-0.1	-0.1
Holy See	0	0	0	0	1		0.0	0.0	0.0	0.0
Honduras	1101	864	702	620	1	135	-23.7	-16.2	-16.4	-19.2
Hungary	198	221	243	255	1	123	2.3	2.2	2.4	2.3
Iceland	r	r	1	1	2	26	0.0	0.0	0.1	0.0
India	3441	3678	4329	4092	3	58	23.7	65.1	-47.4	26.0
Indonesia	34758	32302	27698	24972	1	274	-245.6	-460.4	-545.2	-391.4
Iran (Islamic Republic of)	529	530	549	354	1	33	0.1	1.9	-38.9	-7.0
Ireland	49	67	97		3		1.8	3.0		
Israel	10	9	9	9	1	58	0.0	0.0	0.0	0.0
Italy	799	993	1186	1282	2	138	19.4	19.3	19.2	19.3
Jamaica	103	102	101	101	2	301	-0.1	-0.1	-0.1	-0.1
Japan	2318	2762	3296		3		44.4	53.4		
Jordan	5	5	5	5	1	51	0.0	0.0	0.0	0.0
Kazakhstan	275	273	274	274	1	83	-0.2	0.0	0.0	-0.1
Kenya	1368	1029	1259	1347	1	305	-33.9	23.0	17.6	-0.8
Kyrgyzstan	57	72	36	36	2	56	1.5	-3.6	0.0	-0.8
Lao People's Democratic Republic	2453	2404	2310	2263	1	121	-4.9	-9.4	-9.4	-7.6
Latvia	379	461	527	571	2	170	8.2	6.6	8.8	7.7
Lebanon			4	4	1	27			0.0	
Lesotho	4	5	5	6	1	112	0.0	0.0	0.1	0.0
Liberia	1417	1331	1245	1241	1	297	-8.6	-8.6	-0.7	-7.0
Libya	13	13	13	13	1	59	0.0	0.0	0.0	0.0
Liechtenstein	1	1	1	1	1	148	0.0	0.0	0.0	0.0

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 19. Trends in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)					Annual change (1 000 t/yr)				
	1990	2000	2010	2015	Tier trend	By area 2015	1990– 2000	2000– 2010	2010– 2015	1990– 2015
						Tonnes/ha				
Lithuania	268	291	317	334	3	153	2.3	2.6	3.3	2.6
Luxembourg	16	20	20	20	1	230	0.4	0.0	0.0	0.2
Madagascar	3783	3590	3459	3439	1	276	-19.3	-13.1	-4.0	-13.8
Malawi	368	337	305	297	1	94	-3.1	-3.2	-1.6	-2.8
Malaysia	6004	5532	5400	5930	1	267	-47.2	-13.2	106.0	-3.0
Mali	321	283	245	226	1	48	-3.8	-3.8	-3.8	-3.8
Malta	r	r	r	r	1	346	0	0	0	0
Marshall Islands	5	5	5	5	1	365	0.0	0.0	0.0	0.0
Martinique		18	18	18	2	363		0.0	0.0	
Mauritania	27	20	16	20	1	89	-0.6	-0.5	0.9	-0.3
Mauritius	6	6	5	6	1	143	0.0	-0.1	0.0	0.0
Mexico	4390	4290	4209	4189	2	63	-10.0	-8.1	-4.0	-8.0
Micronesia (Federated States of)	40	41	41	41	1	635	0.0	0.0	0.0	0.0
Monaco	0	0	0	0	1		0.0	0.0	0.0	0.0
Mongolia	1426	1333	1240		1		-9.3	-9.3		
Montenegro		67	113	113	1	136		4.6	0.0	
Morocco	404	452	477	480	1	85	4.8	2.5	0.6	3.0
Mozambique	3831	3636	3453	3347	1	88	-19.5	-18.3	-21.2	-19.4
Myanmar	4342	3860	3517	3301	1	114	-48.2	-34.3	-43.3	-41.7
Namibia	538	493	447	424	1	61	-4.5	-4.6	-4.6	-4.5
Nauru	0	0	0	0	1		0.0	0.0	0.0	0.0
Nepal	1282	1039	969	969	1	267	-24.3	-7.0	0.0	-12.5
Netherlands	41	48	58	65	3	173	0.7	1.0	1.4	1.0
New Caledonia	127	127	127	127	1	152	0.0	0.0	0.0	0.0
New Zealand	2490	2622	2726	2776	3	273	13.2	10.4	10.0	11.4
Nicaragua	1077	910	743	743	1	239	-16.7	-16.7	0.0	-13.4
Niger	127	87	78	73	1	64	-4.0	-0.9	-1.0	-2.2
Nigeria	4289	3298	2308	1813	1	259	-99.1	-99.0	-99.0	-99.0
Northern Mariana Islands	7	6	6	6	1	201	0.0	0.0	0.0	0.0
Norway	663	752	885	952	2	79	8.9	13.3	13.4	11.6
Pakistan	703	576	453	370	1	251	-12.7	-12.3	-16.6	-13.3
Palau	20	21	21	21	3	529	0.1	0.0	0.0	0.0

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 19. Trends in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)					Annual change (1 000 t/yr)				
	1990	2000	2010	2015	Tier trend	By area 2015	1990– 2000	2000– 2010	2010– 2015	1990– 2015
						Tonnes/ha				
Panama	1321	1276	1231	1210	1	262	-4.5	-4.5	-4.2	-4.4
Papua New Guinea	13821	13810	13799	13793	1	411	-1.1	-1.1	-1.2	-1.1
Peru	18791	18538	18211	19845	1	268	-25.3	-32.7	326.8	42.2
Philippines	1366	1381	1263	1438	1	179	1.5	-11.8	35.0	2.9
Poland	994	1162	1632	1750	2	185	16.8	47.0	23.6	30.2
Portugal	237	232	218		1		-0.5	-1.4		
Puerto Rico	28	34	44	50	3	101	0.6	1.0	1.2	0.9
Qatar	0	0	0	0	1		0.0	0.0	0.0	0.0
Republic of Korea	292	480	729	839	1	136	18.8	24.9	22.0	21.9
Republic of Moldova	47	56	62	65	1	159	0.8	0.6	0.7	0.7
Réunion	13	13	13	13	1	144	0.0	0.0	0.0	0.0
Romania	815	814	833	1311	1	191	-0.1	1.9	95.6	19.8
Russian Federation	65007	64314	65000	65600	1	80	-69.4	68.7	120.0	23.7
Rwanda	75	37	84	91	1	190	-3.8	4.7	1.4	0.6
Saint-Barthélemy	0	0	0	0	1		0.0	0.0	0.0	0.0
San Marino	0	0	0	0	1		0.0	0.0	0.0	0.0
Sao Tome and Principe	17	17	16	16	1	299	0.0	-0.1	0.0	0.0
Saudi Arabia	13	13	13	13	1	13	0.0	0.0	0.0	0.0
Senegal	799	760	724	707	1	85	-3.9	-3.6	-3.4	-3.7
Serbia	260	294	500	504	1	185	3.4	20.6	0.8	9.8
Seychelles	8	8	8	8	1	187	0.0	0.0	0.0	0.0
Sierra Leone	526	493	460	443	1	146	-3.3	-3.3	-3.3	-3.3
Slovakia	329	383	427	441	2	227	5.5	4.4	2.8	4.5
Slovenia	188	228	281	300	1	240	4.0	5.3	3.6	4.5
Solomon Islands	406	397	387	381	1	175	-1.0	-1.0	-1.1	-1.0
Somalia	1027	933	838	787	1	124	-9.4	-9.5	-10.2	-9.6
South Africa	1717	1717	1717	1717	1	186	0.0	0.0	0.0	0.0
Spain	650	907	1127	1219	3	66	25.7	22.0	18.3	22.8
Sri Lanka	183	170	158	153	1	74	-1.3	-1.2	-0.8	-1.2
Sudan	5094	4874	4332	4198	1	219	-21.9	-54.2	-26.8	-35.8
Suriname	4135	4125	4115	4109	1	268	-1.0	-1.0	-1.0	-1.0
Svalbard and Jan Mayen Islands	0	0	0	0	3		0.0	0.0	0.0	0.0

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 19. Trends in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)					Annual change (1 000 t/yr)				
	1990	2000	2010	2015	Tier trend	By area 2015	1990- 2000	2000- 2010	2010- 2015	1990- 2015
						Tonnes/ha				
Swaziland	48	48	47	46	1	79	-0.1	-0.1	-0.1	-0.1
Sweden	1901	2032	2206	2229	3	79	13.1	17.4	4.6	13.1
Switzerland	272	284	298	305	3	243	1.2	1.4	1.4	1.3
Tajikistan	6	6	6	6	1	14	-0.1	0.0	0.0	0.0
Thailand	1931	1876	1873	1837	1	112	-5.5	-0.3	-7.2	-3.8
The former Yugoslav Republic of Macedonia	128	132	129	129	1	129	0.4	-0.4	0.0	0.0
Tokelau	0	0	0	0	1		0.0	0.0	0.0	0.0
Tonga	2	2	2	2	1	242	0.0	0.0	0.0	0.0
Trinidad and Tobago	44	42	41		1		-0.1	-0.2		
Tunisia	12	16	19	20	1	19	0.4	0.3	0.2	0.3
Turkey	1095	1212	1444	1624	1	139	11.7	23.3	35.9	21.2
Turkmenistan	24	24.2	25	25	1	6	0.0	0.1	0.0	0.0
Uganda	365	297	214	163	1	78	-6.7	-8.3	-10.2	-8.1
Ukraine	997	1324	1514	1564	1	162	32.7	19.0	10.0	22.7
United Arab Emirates	26	33	34	34	1	106	0.7	0.1	0.1	0.3
United Kingdom	267	350	433	475	2	151	8.3	8.3	8.4	8.3
United Republic of Tanzania	14048	13043	12038	11571	1	251	-100.5	-100.5	-93.5	-99.1
United States of America	28896	31423	34135	34661	3	112	252.7	271.2	105.2	230.6
United States Virgin Islands		r	1	1	3	63	0.0	0.0	0.0	0.0
Uzbekistan	17	30	41	89	1	28	1.3	1.1	9.5	2.9
Viet Nam	1653	1971	2097	2180	1	148	31.8	12.6	16.6	21.1
Wallis and Futuna Islands	1	1	1	1	1	232	0.0	0.0	0.0	0.0
Western Sahara	65	65	65	65	1	92	0.0	0.0	0.0	0.0
Yemen	11	11	11	11	1	20	0.0	0.0	0.0	0.0
Zambia	5487	5313	5140	5124	1	105	-17.3	-17.3	-3.4	-14.5
Zimbabwe	1483	1265	1045	941	1	67	-21.8	-22.0	-20.8	-21.7

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 20. Carbon stock in forest and other wooded land 2015**

Country/Territory	Forest carbon stock (million tonnes)						Other wooded land (million tonnes)					
	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil	Tier status	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil	
Afghanistan	30	8				1						
Albania	38	12	14	12	68	1	5	13	5	4	25	
Algeria	31	17			74	1	3	2				4
American Samoa	2	r				1						
Angola	3498	840		122	2025	1						
Argentina	2363	650		102	1286	1	1127	361		180	2446	
Armenia	13	3		9	12	1	1	1				
Austria	312	79	7			3	2	1				
Bangladesh	83	16	3	1	24	1						
Belarus	495	150	3	261	540	1						
Belgium	60	12	2	6	64	3						
Belize	136	33				1						
Benin	200	48	5	9	280	1			3	6	188	
Bhutan	214	80		44	192	1						
Bosnia and Herzegovina	95	23				1						
Botswana	407	229		96	336	1						
Brazil	48741	10481	737	1205	21065	1	157	381	3	83	1458	
Brunei Darussalam	58	14		1	20	1	1	r		r	3	
Bulgaria	167	46		8	363	1						2
Burkina Faso	217	30		11	187	1	135	14		10	168	
Burundi	22	5		1	18	1	25	6				13
Cabo Verde	4			r		3						
Cambodia	278	155			360	1						
Cameroon	2054	494		40	1224	1	138	28		27	826	
Central African Republic	2292	551		46	1459	1						
Chad	210	59		10	185	1	336	134		41	743	
Chile	1244	249	284	52	887	2						
China	5144	1642	1041			1	349	133	83			
Colombia	7249	1617				3						
Comoros	1	r	0	r	2	1	r	r	0	r	1	
Congo	2764	663		47	1050	1	460	92		22	493	
Costa Rica	253		r	9		3						
Côte d'Ivoire	1671	166	206	22	582	1						
Croatia	196	60				1	14	7				
Cuba	240	72	27	0	164	2						
Cyprus	3	1			4	1					5	

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 20. Carbon stock in forest and other wooded land 2015**

Country/Territory	Forest carbon stock (million tonnes)						Other wooded land (million tonnes)				
	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil	Tier status	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil
Czech Republic	309	58	17	17	171	1	0	0	0	0	0
Democratic People's Republic of Korea	111	41		101	357	1					
Democratic Republic of the Congo	15678	3763		324	9918	1					
Denmark	34	7	1	7	103	2	0	0	0	0	9
Djibouti	r	r		r	r	1					
Dominican Republic	115	28	13	3	44	1	4	1	1	3	17
Ecuador	1191	299	168	24		3					
Egypt	6	1	1	r	3	1	r	r	r		1
Equatorial Guinea	158	38	0	3	102	1					0
Estonia	134	31	6		348	2	2	1	1		35
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0	0	0	0	0
Faroe Islands		0	0	0		1	0	0	0	0	0
Finland	597	184	17	251	4056	3	2	1	r	11	478
France	1056	308				3					
French Guiana	1352	309	116	38	730	1	0	0	0	0	0
French Polynesia	17	3	1	r	20	1					
Gabon	2413	579		48	1495	1					
Gambia	26	6		1	15	1	4	2		r	3
Georgia	168	44		54	191	2					
Germany	1027	162	29	197	765	2	0	0	0	0	0
Ghana	550	162	1268	20	439	2	0	0	0	0	0
Gibraltar	0	0	0	0	0	1	0	0	0	0	0
Greece	64	18				1					
Greenland	0	0	0	0		1	0	0	0	0	0
Guadeloupe	10	2	1	r	7	2	r	r	0	0	r
Guam	1	r				1	0	0	0	0	0
Guatemala	219	52				1	21	5			
Guernsey						1	0	0	0	0	0
Guinea	485	117	58			1					
Guinea-Bissau	78	16		4	93	1	1	r		4	11
Guyana	3900	909	215	93	1598	2	424	99	23	10	174
Haiti	4	1		r	5	1					
Holy See	0	0	0	0	0	1	0	0	0	0	0
Honduras	235	57				1					
Hungary	98	24	5			1					
Iceland	1	r		r	4	3	1	r		1	12

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 20. Carbon stock in forest and other wooded land 2015**

Country/Territory	Forest carbon stock (million tonnes)						Other wooded land (million tonnes)				
	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil	Tier status	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil
India	2006	641	27	132	3948	3					
Indonesia	9391	3098				1					
Iran (Islamic Republic of)	130	37		27		1					
Isle of Man						1	0	0	0	0	0
Israel	4	1	r	r	4	1					
Italy	514	127	29	30	760	3					
Jamaica	37	11		1	21	1	20	6			16
Jersey						1	0	0	0	0	0
Jordan	2	1	r	r	3	1					
Kazakhstan	105	31				1	3	1			
Kenya	511	123		10	282	1	183	44		20	599
Kiribati						1	0	0	0		0
Kyrgyzstan	13	4	r	17	80	2	r	r	9	75	
Lao People's Democratic Republic	886	177		35		3	31	7			
Latvia	216	69	23	71	249	2	1	r	0	2	7
Lebanon	1	r		3	5	1	r	r		2	4
Lesotho	2	1			2	1	1	r		3	3
Liberia	471	112	0	9	196	1	0	0	0	0	0
Libya	5	1	1	0		1	1	r	r		
Liechtenstein	r	r				1					
Lithuania	136	31	11	52	157	3	1	r	r	3	8
Luxembourg	8	1		2	7	1					
Madagascar	1303	303		26	586	1	627	125		31	685
Malawi	113	27		9	148	1					
Malaysia	2248	539	0	47	0	1	0	0	0	0	0
Mali	83	23		13	165	1	130	36		54	679
Malta	r	r				1	0	0	0	0	0
Marshall Islands	2	0	r			1					
Martinique	7	2	r	r	r	1					
Mauritania	7	2	0	1	8	1	36	10	0	8	94
Mauritius	2	1		r	3	1	r	r		r	1
Mexico	1597	396	2			3	81	22	r		
Micronesia (Federated States of)	16	4	r			1					
Monaco	0	0	0	0	0	1	0	0	0	0	0
Montenegro	48	8	4			1	r	r	r		
Morocco	184	57	1	18	139	1	r	r	r	2	20

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 20. Carbon stock in forest and other wooded land 2015**

Country/Territory	Forest carbon stock (million tonnes)						Other wooded land (million tonnes)				
	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil	Tier status	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil
Mozambique	1282	359		77	1176	1	696	195		30	447
Myanmar	1293	258		64		1					
Namibia	157	42		19	214	1	104	28		23	251
Nauru	0	0	0	0	0	1	0	0	0	0	0
Nepal	359	126		3		2	32	11			
Netherlands	27	5	2	9	41	3	0	0	0	0	0
New Caledonia	50	10	5	1	58	1					
New Zealand	1116	271	165	175	969	3	17	4	3	7	112
Nicaragua	282	68	16			2					
Niger	27	8		3	40	1	24	10		6	109
Nigeria	670	165	119	15	328	1					
Northern Mariana Islands	2	1	r				1	0	0	0	0
Norway	372	104					2	3	1		
Occupied Palestinian Territory							1	0	0	0	0
Pakistan	128	46		4		1					
Palau	8	2	r				3	0	0	0	0
Panama	459	110					1	16	4		
Papua New Guinea	4732	1378					1	129	46		
Philippines	545	131	74	17	523	1	102	20	13	15	457
Poland	685	137	32				2				
Puerto Rico	21	4	1	10			3				
Qatar	0	0	0	0	0	1					
Republic of Korea	324	95					1				
Republic of Moldova	25	6					1				
Réunion	5	1	r		2	1	1	0	0		r
Romania	518	98	2	155	608	1	2	r	0	2	
Russian Federation	26200	6600	7450	9650	78000	1	260	130	260	0	2000
Rwanda	34	8					1	1	r		
Saint-Barthélemy	0	0	0	0	0	1	0	0	0	0	0
San Marino	0	0	0	0	0	1	0	0	0	0	0
Sao Tome and Principe	6	2		r	3	1					
Saudi Arabia	5	1	1	2	34	1	3	1	1	2	41
Senegal	254	80	12		216	1	17	4	1		35
Serbia	185	52	33	44	258	1	10	1	1	8	48
Seychelles	3	1		r	2	1					
Sierra Leone	168	40		6	143	1	2	1		r	3

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 20. Carbon stock in forest and other wooded land 2015**

Country/Territory	Forest carbon stock (million tonnes)						Other wooded land (million tonnes)				
	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil	Tier status	Above-ground biomass	Below-ground biomass	Dead wood	Litter	Soil
Slovakia	179	39	15	23	271	1					
Slovenia	115	26	6	13	129	1	r	r	0	r	2
Solomon Islands	145	35				1					
Somalia	303	73		13		1					
South Africa	638	169	113		582	1	669	322	139		1547
Spain	458	151			575	3					
Sri Lanka	60	12		4		1	r	r			
Sudan	1541	432		40	672	1	146	97		43	724
Suriname	1704	228	44	230	402	1					
Svalbard and Jan Mayen Islands	0	0	0	0		3	0	0	0	0	
Swaziland	18	4		2	11	1	5	1		1	9
Sweden	836	279	30	630	1901	3	3	1	r	55	165
Switzerland	120	32	8	21	100	3	r	r	r	1	6
Tajikistan	2	1	r		32	1	r	r			4
Thailand	680	183				1					
The former Yugoslav Republic of Macedonia	48	13	r			1					
Tokelau	0	0	0	0	0	1	0	0	0	0	0
Tonga	1	1			1	1					
Tunisia	7	2		24	23	1	r	r		8	7
Turkey	639	170	6	222	398	1	108	45	1	43	344
Turkmenistan	8	305			79	1					
Uganda	60	16		4	135	2	14	4		6	187
Ukraine	640	143				1					
United Arab Emirates	11	5	2	1		1	r	r	r		
United Kingdom	174	63	3	51	740	3					
United Republic of Tanzania	4386	1053	54		2506	1	66	16	9		937
United States of America	14466	2864	2412	4535	16950	3	230	43	29	447	675
United States Virgin Islands	0	r	1	r		3					
Uzbekistan	29	13	2	5	5	2	3	1	5	5	
Viet Nam	804	221			651	1	31	8			
Wallis and Futuna Islands	0	r	r	r	r	1	1	r		r	r
Western Sahara	25	8				1	0	0	0	0	0
Yemen	4	2	1	1	19	1	9	4	2	3	49
Zambia	1948	460		102	2286	2	85	20		13	287
Zimbabwe	348	94		30	492	1	0	0	0	0	0

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 21. Carbon stock in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)						By area 2015	Annual change rate						
	1990	2000	2005	2010	2015	Tier trend		Tonnes/ ha	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%
Afghanistan	38	38	38	38	38	1	28	0	0.0	0	0.0	0	0.0	0
Albania	49	49	48	49	50	1	64	10	0.0	-50	-0.1	140	0.3	12
Algeria	42	39	39	48	48	1	25	-240	-0.6	850	2.0	120	0.2	268
American Samoa	2	2	2	2	2	1	110	-4	-0.2	-4	-0.2	-2	-0.1	-3
Angola	4573	4479	4432	4385	4338	1	75	-9400	-0.2	-9400	-0.2	-9400	-0.2	-9400
Argentina	3528	3368	3260	3134	3013	1	111	-16000	-0.5	-23400	-0.7	-24200	-0.8	-20600
Armenia	16	16	16	15	16	1	47	-35	-0.2	-33	-0.2	40	0.3	-19
Australia		8011	7956	7961		1				-5000	-0.1			
Austria	335	368	378	384	391	3	101	3300	0.9	1600	0.4	1400	0.4	2240
Bangladesh	84	82	82	96	99	1	70	-237	-0.3	1437	1.6	690	0.7	618
Belarus	386	482	540	611	646	1	75	9600	2.2	12910	2.4	6960	1.1	10396
Belgium	50	60	64	68	72	3	106	938	1.7	866	1.4	786	1.1	879
Belize	195	184	177	171	169	1	124	-1100	-0.6	-1300	-0.7	-400	-0.2	-1040
Benin	332	291	277	263	248	1	58	-4030	-1.3	-2873	-1.0	-2874	-1.1	-3336
Bhutan	267	278	284	288	293	1	106	1120	0.4	1000	0.4	1040	0.4	1056
Bolivia (Plurinational State of)	4877	4666	4561	4442		1		-21100	-0.4	-22400	-0.5			
Bosnia and Herzegovina	96	118	118	118	118	1	54	2203	2.1	0	0.0	0	0.0	881
Botswana	680	663	655	646	636	1	59	-1700	-0.3	-1700	-0.3	-2000	-0.3	-1760
Brazil	64212	61816	60329	59623	59222	1	120	-239582	-0.4	-219372	-0.4	-80190	-0.1	-199620
Brunei Darussalam	80	76	74	72	72	1	189	-400	-0.5	-400	-0.5	0	0.0	-320
Bulgaria	127	161	182	197	213	2	56	3460	2.4	3620	2.0	3100	1.5	3452
Burkina Faso	315	286	274	259	247	1	46	-2900	-1.0	-2700	-1.0	-2400	-0.9	-2720
Burundi	29	18	18	25	27	1	97	-1103	-4.6	622	3.0	438	1.7	-105
Cabo Verde	3	4	4	4	4	1	45	110	3.6	10	0.3	46	1.2	57
Cambodia	609	537	495	464	433	1	46	-7200	-1.3	-7300	-1.5	-6200	-1.4	-7040
Cameroon	3292	2993	2844	2696	2548	1	135	-29900	-0.9	-29700	-1.0	-29600	-1.1	-29760
Canada	14427	14408	14136	13992		2		-1900	0.0	-41600	-0.3			
Central African Republic	2936	2898	2879	2861	2843	1	128	-3800	-0.1	-3700	-0.1	-3600	-0.1	-3720
Chad	370	348	338	303	269	1	55	-2200	-0.6	-4500	-1.4	-6800	-2.4	-4040
Chile	1294	1328	1338	1349	1492	2	84	3480	0.3	2020	0.2	28740	2.0	7948
China	4469	5352	5817	6359	6787	1	33	88260	1.8	100700	1.7	85560	1.3	92696

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 21. Carbon stock in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)						Annual change rate										
	1990	2000	2005	2010	2015	By area 2015	Tier trend	1 000 tonnes/ ha	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	
Colombia	9332	9104	8886	8867	3	152			-44505	-0.5	-3924	0.0					
Comoros	2	2	2	1	1	36	-15	-0.9	-21	-1.4	-18	-1.3	-18	-1.1			
Congo	3487	3461	3448	3438	3427	1	153	-2600	-0.1	-2300	-0.1	-2200	-0.1	-2400	-0.1		
Costa Rica	233	217	227	238		3		-1660	-0.7	2100	0.9						
Côte d'Ivoire	1811	1832	1847	1842	1837	1	177	2100	0.1	1000	0.1	-1000	-0.1	1040	0.1		
Croatia	190	221	237	250	256	1	133	3168	1.6	2892	1.2	1048	0.4	2634	1.2		
Cuba	205	300	345	293	313	2	98	9490	3.9	-680	-0.2	3820	1.3	4288	1.7		
Cyprus	3	3	3	3	4	1	22	18	0.7	68	2.3	83	2.3	51	1.6		
Czech Republic	287	323	340	349	366	1	137	3530	1.2	2650	0.8	3460	1.0	3164	1.0		
Democratic People's Republic of Korea	239	206	190	171	152	1	30	-3300	-1.5	-3500	-1.8	-3800	-2.3	-3480	-1.8		
Democratic Republic of the Congo	20433	20036	19838	19639	19441	1	127	-39700	-0.2	-39700	-0.2	-39600	-0.2	-39680	-0.2		
Denmark	34	37	37	38	41	2	67	300	0.8	100	0.3	600	1.5	280	0.8		
Djibouti	r	r	r	r	r	1	41	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Dominican Republic	79	106	118	130	142	1	72	2730	3.0	2370	2.0	2380	1.8	2516	2.4		
Ecuador	1744	1628	1582	1536	1490	2	119	-11533	-0.7	-9200	-0.6	-9200	-0.6	-10133	-0.6		
Egypt	4	6	7	7	7	1	99	149	3.0	109	1.7	60	0.8	115	2.0		
Equatorial Guinea	232	217	210	203	195	1	125	-1450	-0.6	-1470	-0.7	-1460	-0.7	-1460	-0.7		
Estonia	141	158	157	163	165	2	74	1724	1.2	491	0.3	388	0.2	964	0.6		
Ethiopia	289	254	236	219		1		-3500	-1.3	-3500	-1.5						
Falkland Islands (Malvinas)*	0	0	0	0	0	1		0		0		0		0			
Faroe Islands	0	0	0	0		1		0		0							
Finland	633	716	745	780	780	3	35	8260	1.2	6460	0.9	0	0.0	5888	0.8		
France	965	1049	1165	1247	1364	3	80	8400	0.8	19800	1.7	23400	1.8	15960	1.4		
French Guiana	1678	1671	1668	1662	1661	2	204	-700	0.0	-900	-0.1	-200	0.0	-680	0.0		
French Polynesia				21	21	1	132					0	0.0				
Gabon	2863	2863	2863	2863	2992	1	130	0	0.0	0	0.0	25800	0.9	5160	0.2		
Gambia	29	30	31	32	32	1	66	123	0.4	124	0.4	98	0.3	118	0.4		
Georgia	192	203	207	212	212	2	75	1100	0.6	961	0.5	0	0.0	824	0.4		
Germany	871	1043	1085	1121	1189	2	104	17200	1.8	7800	0.7	13600	1.2	12720	1.3		
Ghana	820	765	714	724	713	2	76	-5542	-0.7	-4103	-0.5	-2210	-0.3	-4300	-0.6		
Gibraltar	0	0	0	0	0	1		0		0		0		0			

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 21. Carbon stock in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)						By area 2015	Annual change rate							
	1990	2000	2005	2010	2015	Tier trend		Tonnes/ ha	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	
Greece	67	73	76	79	82	1	20	600	0.9	600	0.8	600	0.7	600	0.8
Greenland	0	0	0	0	0	1	0	0		0		0		0	
Grenada	1	1	1	1		1		0	0.0	-24	-2.0				
Guadeloupe	13	13	13	12	12	2	173	-50	-0.4	-40	-0.3	0	0.0	-36	-0.3
Guam	2	2	2	2	2	1	72	0	0.0	0	0.0	0	0.0	0	0.0
Guatemala	365	324	303	281	271	1	77	-4160	-1.2	-4240	-1.4	-2040	-0.7	-3768	-1.2
Guinea	687	653	636	619	602	1	95	-3400	-0.5	-3400	-0.5	-3400	-0.6	-3400	-0.5
Guinea-Bissau	105	101	98	96	94	1	48	-400	-0.4	-500	-0.5	-400	-0.4	-440	-0.4
Guyana	4848	4837	4831	4824	4809	1	291	-1100	0.0	-1300	0.0	-3000	-0.1	-1560	0.0
Haiti	6	6	6	5	5	2	54	-39	-0.6	-43	-0.8	-38	-0.7	-40	-0.7
Holy See	0	0	0	0	0	1		0		0		0		0	
Honduras	517	407	368	330	292	1	64	-11000	-2.4	-7700	-2.1	-7600	-2.4	-9000	-2.3
Hungary	96	107	111	117	122	1	59	1160	1.2	1000	0.9	980	0.8	1060	1.0
Iceland	r	r	r	r	1	2	13	6	3.2	17	5.9	50	10.4	19.2	5.7
India	2223	2377	2615	2800	2647	3	37	15400	0.7	42300	1.7	-30600	-1.1	16960	0.7
Indonesia	17379	16151	15212	13849	12488	1	137	-122800	-0.7	-230200	-1.5	-272200	-2.0	-195640	-1.3
Iran (Islamic Republic of)	249	249	254	258	167	1	16	47	0.0	893	0.4	-18293	-8.4	-3283	-1.6
Ireland	25	34	37	49		3		901	3.2	1504	3.8				
Israel	5	4	4	4	4	1	27	-30	-0.7	10	0.2	20	0.5	-4	-0.1
Italy	400	496	545	593	641	2	69	9600	2.2	9700	1.8	9600	1.6	9640	1.9
Jamaica	48	48	48	48	47	1	142	-35	-0.1	-41	-0.1	-40	-0.1	-38	-0.1
Japan	1159	1381	1444	1648		3		22200	1.8	26700	1.8				
Jordan	2	2	2	2	2	1	24	0	0.0	0	0.0	0	0.0	0	0.0
Kazakhstan	137	137	137	137	137	1	41	-81	-0.1	18	0.0	0	0.0	-25	0.0
Kenya	642	484	549	591	634	1	144	-15800	-2.8	10700	2.0	8600	1.4	-320	-0.1
Kyrgyzstan	27	34	37	17	17	2	27	680	2.3	-1640	-6.5	0	0.0	-384	-1.8
Lao People's Democratic Republic	1153	1130	1108	1086	1064	1	57	-2303	-0.2	-4418	-0.4	-4418	-0.4	-3572	-0.3
Latvia	190	231	239	264	285	2	85	4080	2.0	3300	1.3	4380	1.6	3828	1.6
Lebanon			2	2	2	1	13					1	0.1		
Lesotho	2	2	2	2	3	1	53	11	0.5	10	0.4	54	2.2	19	0.8
Liberia	666	625	605	585	583	1	140	-4054	-0.6	-4054	-0.7	-322	-0.1	-3308	-0.5

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 21. Carbon stock in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)						By area 2015	Annual change rate							
	1990	2000	2005	2010	2015	Tier trend		1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%
Libya	6	6	6	6	6	1	28	0	0.0	0	0.0	0	0.0	0	0.0
Liechtenstein	r	0	0	0	0	1	69	2.82	0.6	0	0.0	0	0.0	1.128	0.2
Lithuania	134	146	151	159	167	3	77	1150	0.8	1310	0.9	1620	1.0	1308	0.9
Luxembourg	7	9	9	9	9	1	108	201	2.4	0	0.0	0	0.0	80	1.0
Madagascar	1778	1688	1663	1626	1606	1	129	-9000	-0.5	-6200	-0.4	-4000	-0.2	-6880	-0.4
Malawi	173	159	151	144	140	1	44	-1400	-0.8	-1500	-1.0	-800	-0.6	-1320	-0.8
Malaysia	2822	2600	2456	2538	2787	1	126	-22200	-0.8	-6200	-0.2	49800	1.9	-1400	0.0
Mali	151	133	124	115	106	1	23	-1783	-1.2	-1782	-1.4	-1784	-1.6	-1783	-1.4
Malta	r	r	r	r	r	1	173	0	0.0	0	0.0	0	0.0	0	0.0
Marshall Islands	2	2	2	2	2	1	183	0	0.0	0	0.0	0	0.0	0	0.0
Martinique		8	8	8	8	1	173			0	0.0	0	0.0		
Mauritania	13	10	8	7	9	1	42	-300	-2.7	-220	-2.6	414	5.1	-125	-1.1
Mauritius	3	3	3	3	3	1	67	7	0.3	-24	-0.9	4	0.2	-6	-0.2
Mexico	2089	2042	2018	2003	1993	2	30	-4700	-0.2	-3900	-0.2	-2000	-0.1	-3840	-0.2
Micronesia (Federated States of)	20	20	20	20	20	1	318	8	0.0	8	0.0	8	0.0	8	0.0
Monaco	0	0	0	0	0	1		0		0		0		0	
Mongolia	671	626	605	583		1		-4500	-0.7	-4300	-0.7	-116600	-100.0	-26840	-100.0
Montenegro		33	33	56	56	1	68			2308	5.4	0	0.0		
Morocco	203	227	240	239	241	1	43	2400	1.1	1200	0.5	400	0.2	1520	0.7
Mozambique	1878	1782	1733	1692	1641	1	43	-9600	-0.5	-9000	-0.5	-10200	-0.6	-9480	-0.5
Myanmar	2040	1814	1734	1654	1551	1	53	-22600	-1.2	-16000	-0.9	-20546	-1.3	-19549	-1.1
Namibia	253	232	221	210	199	1	29	-2106	-0.9	-2148	-1.0	-2152	-1.0	-2132	-0.9
Nauru	0	0	0	0	0	1		0		0		0		0	
Nepal	602	520	485	485	485	1	133	-8200	-1.5	-3500	-0.7	0	0.0	-4680	-0.9
Netherlands	21	24	25	29	32	3	86	350	1.6	490	1.9	680	2.2	472	1.8
New Caledonia	60	60	60	60	60	1	72	0	0.0	0	0.0	0	0.0	0	0.0
New Zealand	1245	1312	1336	1362	1387	3	137	6700	0.5	5000	0.4	5000	0.4	5680	0.4
Nicaragua	506	428	389	349	349	2	112	-7850	-1.7	-7853	-2.0	-2	0.0	-6282	-1.5
Niger	60	41	39	37	35	1	31	-1900	-3.7	-400	-1.0	-400	-1.1	-1000	-2.1
Nigeria	2016	1515	1317	1085	835	1	119	-50100	-2.8	-43000	-3.3	-50000	-5.1	-47240	-3.5
Northern Mariana Islands	3	3	3	3	3	1	100	-17	-0.5	-17	-0.5	-17	-0.6	-17	-0.5

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**

**Table 21. Carbon stock in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)						By area 2015	Annual change rate							
	1990	2000	2005	2010	2015	Tier trend		Tonnes/ ha	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	
Norway	332	377	409	443	476	2	39	4500	1.3	6600	1.6	6600	1.4	5760	1.5
Pakistan	330	271	243	213	174	1	118	-5900	-2.0	-5800	-2.4	-7800	-4.0	-6240	-2.5
Palau	10	10	11	11	11	3	264	39	0.4	19	0.2	0	0.0	23	0.2
Panama	621	600	589	579	569	1	123	-2100	-0.3	-2100	-0.4	-2000	-0.3	-2080	-0.3
Papua New Guinea	6122	6118	6115	6113	6110	1	182	-400	0.0	-500	0.0	-600	0.0	-480	0.0
Peru	8831	8713	8654	8560		1		-11800	-0.1	-15300	-0.2				
Philippines	642	649	634	594	676	1	84	720	0.1	-5560	-0.9	16460	2.6	1356	0.2
Poland	467	546	600	767	822	2	87	7900	1.6	22100	3.5	11000	1.4	14200	2.3
Portugal	112	109	102	102		1		-300	-0.3	-660	-0.6				
Puerto Rico	14	17	19	22	25	3	51	281	1.8	504	2.6	600	2.6	434	2.3
Qatar	0	0	0	0	0	1		0		0		0		0	
Republic of Korea	146	240	299	365	419	1	68	9400	5.1	12500	4.3	10800	2.8	10920	4.3
Republic of Moldova	22	26	28	29	31	1	75	382	1.6	281	1.0	342	1.2	334	1.3
Réunion	6	6	6	6	6	1	68	0	0.0	0	0.0	0	0.0	0	0.0
Romania	383	383	384	391	616	1	90	-28	0.0	869	0.2	45018	9.5	9340	1.9
Russian Federation	32504	32157	32210	32500	32800	1	40	-34700	-0.1	34300	0.1	60000	0.2	11840	0.0
Rwanda	35	18	35	39	43	1	89	-1763	-6.7	2190	8.4	658	1.6	303	0.8
San Marino	0	0	0	0	0	1		0		0		0		0	
Sao Tome and Principe	8	8	8	8	8	1	142	0	0.0	-40	-0.5	0	0.0	-16	-0.2
Saudi Arabia	6	6	6	6	6	1	6	0	0.0	0	0.0	0	0.0	0	0.0
Senegal	376	357	348	340	334	1	40	-1900	-0.5	-1700	-0.5	-1200	-0.4	-1680	-0.5
Serbia	122	138	147	235	237	1	87	1620	1.3	9690	5.5	360	0.2	4596	2.7
Seychelles	4	4	4	4	4	1	88	0	0.0	0	0.0	0	0.0	0	0.0
Sierra Leone	247	232	224	216	208	1	68	-1553	-0.6	-1553	-0.7	-1550	-0.7	-1552	-0.7
Slovakia	163	190	202	211	218	2	112	2710	1.6	2140	1.1	1400	0.7	2220	1.2
Slovenia	88	107	121	132	141	1	113	1880	1.9	2500	2.1	1720	1.3	2096	1.9
Solomon Islands	191	186	184	182	179	1	82	-460	-0.2	-450	-0.2	-540	-0.3	-472	-0.3
Somalia	482	439	415	394	376	1	59	-4300	-0.9	-4500	-1.1	-3600	-0.9	-4240	-1.0
South Africa	807	807	807	807	807	1	87	0	0.0	0	0.0	0	0.0	0	0.0
Spain	325	454	518	564	610	3	33	12868	3.4	11014	2.2	9160	1.6	11385	2.5
Sri Lanka	86	80	75	74	72	1	35	-590	-0.7	-580	-0.8	-394	-0.5	-547	-0.7

**QUESTION 3: WHAT ARE THE STOCKS AND GROWTH RATES OF THE FORESTS AND HOW HAVE THEY CHANGED?**
**Table 21. Carbon stock in living forest biomass 1990–2015**

Country/Territory	Living forest biomass (million tonnes)						By area 2015	Annual change rate							
	1990	2000	2005	2010	2015	Tier trend		Tonnes/ ha	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	1 000 tonnes/ yr	%	
Sudan	2394	2291	2085	2036	1973	1	103	-10308	-0.4	-25486	-1.2	-12600	-0.6	-16838	-0.8
Suriname	1944	1939	1936	1934	1931	1	126	-488	0.0	-487	0.0	-488	0.0	-488	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	3		0		0		0		0	
Swaziland	23	22	22	22	22	1	37	-30	-0.1	-40	-0.2	-40	-0.2	-36	-0.2
Sweden	950	1016	1091	1103	1114	3	40	6570	0.7	8680	0.8	2300	0.2	6560	0.6
Switzerland	136	142	145	150	152	3	121	600	0.4	750	0.5	500	0.3	640	0.4
Tajikistan	3	3	3	3	3	1	7	-25	-0.9	0	0.0	0	0.0	-10	-0.3
Thailand	908	881	877	880	863	1	53	-2700	-0.3	-100	0.0	-3400	-0.4	-1800	-0.2
The former Yugoslav Republic of Macedonia	60	62	60	60	60	1	61	200	0.3	-170	-0.3	0	0.0	12	0.0
Tokelau	0	0	0	0	0	1		0		0		0		0	
Tonga	1	1	1	2	2	1	191	0	0.0	69	5.3	0	0.0	28	2.1
Trinidad and Tobago	21	20	20	19		1	0	-79	-0.4	-58	-0.3				
Tunisia	6	8	8	9	9	1	9	180	2.7	130	1.6	80	0.9	140	1.9
Turkey	546	604	645	720	808	1	69	5857	1.0	11569	1.8	17692	2.3	10509	1.6
Turkmenistan	11	11	12	12	313	1	76	0	0.0	40	0.3	60300	93.0	12076	14.2
Uganda	171	140	124	101	77	1	37	-3160	-2.0	-3920	-3.2	-4800	-5.3	-3792	-3.2
Ukraine	499	662	712	758	783	1	81	16300	2.9	9600	1.4	5000	0.7	11360	1.8
United Arab Emirates	12	15	16	16	16	1	50	325	2.4	36	0.2	58	0.4	156	1.1
United Kingdom	133	175	196	216	237	2	75	4200	2.8	4100	2.1	4200	1.9	4160	2.3
United Republic of Tanzania	6603	6130	5894	5658	5438	1	118	-47229	-0.7	-47229	-0.8	-43924	-0.8	-46568	-0.8
United States of America	14448	15711	16393	17067	17330	3	56	126300	0.8	135600	0.8	52600	0.3	115280	0.7
United States Virgin Islands		r	r	r	1	3	32			23	7.4	22	4.5		
Uzbekistan	8	14	18	19	42	1	13	620	6.0	530	3.3	4480	16.7	1356	6.9
Viet Nam	778	927	964	986	1025	1	69	14900	1.8	5900	0.6	7800	0.8	9880	1.1
Wallis and Futuna Islands	1	1	1	1	1	1	96	0	0.0	0	0.0	-2	-0.4	0	-0.1
Western Sahara	33	33	33	33	33	1	46	0	0.0	0	0.0	0	0.0	0	0.0
Yemen	5	5	5	5	5	1	9	0	0.0	0	0.0	0	0.0	0	0.0
Zambia	2579	2497	2457	2416	2408	1	50	-8137	-0.3	-8134	-0.3	-1574	-0.1	-6823	-0.3
Zimbabwe	697	594	543	492	442	1	31	-10296	-1.6	-10277	-1.9	-9830	-2.1	-10195	-1.8

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 22. Production forest 1990–2015**

Country/Territory	Forest area designated for production (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Afghanistan	0	0	0	0	0	1	0.0		0.0		0.0	
Albania	685	620	611	614	629	1	-6.5	-1.0	-0.6	-0.1	3.0	0.5
Algeria	596	562	544	526	526	1	-3.4	-0.6	-3.6	-0.7	0.0	-2.8
American Samoa	0	0	0	0	0	1	0.0		0.0		0.0	
Angola	2	2	2	2	2	1	0.0	-0.2	0.0	-0.2	0.0	-0.2
Argentina	766	1076	1173	1187	1202	2	31.0	3.5	11.1	1.0	3.0	0.3
Armenia				68	68	1					0.0	0.0
Australia	1023	1176	1628	1903	2017	3	15.3	1.4	72.7	4.9	22.8	1.2
Austria	2621	2635	2302	2307	2313	3	1.4	0.1	-32.8	-1.3	1.2	0.1
Bahrain	0	0	0	0	0	1	0.0		0.0		0.0	
Bangladesh	280	285	276	340	340	3	0.5	0.2	5.5	1.8	0.0	2.4
Belarus	4498	4183	4186	4282	4561	3	-31.5	-0.7	9.9	0.2	55.8	1.3
Belgium	0	0	0	0	0	3	0.0		0.0		0.0	
Belize				0								
Benin	1436	1436	1436	1436	1436	1	0.0	0.0	0.0	0.0	0.0	0.0
Bhutan	47	141	160	235	273	3	9.4	11.6	9.4	5.3	7.7	3.1
Bolivia (Plurinational State of)	41	41	41	40	39	1	0.0	0.0	-0.1	-0.2	-0.2	-0.1
Bosnia and Herzegovina	1163	1226	1226	1226	1226	1	6.3	0.5	0.0	0.0	0.0	2.5
Botswana	420	0	0	0	0	2	-42.0		0.0		0.0	-16.8
Brazil	14815	23177	39573	63011	63778	2	836.2	4.6	3983.4	10.5	153.4	0.2
Brunei Darussalam	138	219	219	219	219	1	8.1	4.7	0.0	0.0	0.0	3.2
Bulgaria	2365	2258	2561	2387	2213	3	-10.7	-0.5	12.9	0.6	-34.8	-1.5
Burundi	186	86	78	113	120	1	-10.0	-7.4	2.7	2.8	1.4	1.2
Cabo Verde	46	66	67	68	72	1	1.9	3.6	0.2	0.4	0.8	1.1
Cambodia	2244	4919	3374	3374	3374	1	267.5	8.2	-154.5	-3.7	0.0	0.0
Cameroon	10814	10983	13443	14561	15679	1	16.9	0.2	357.8	2.9	223.6	1.5
Canada	18373	18349	18337	18322	18310	1	-2.4	0.0	-2.7	0.0	-2.4	0.0
Central African Republic	4826	4826	4826	4826	4826	1	0.0	0.0	0.0	0.0	0.0	0.0
Chad	5552	5170	4984	4349	3715	1	-38.2	-0.7	-82.1	-1.7	-126.8	-3.1
Chile	6448	7013	7297	7485	6835	2	56.5	0.8	47.2	0.7	-130.1	-1.8
China	114103	107986	85384	89346	92958	3	-611.7	-0.5	-1864.0	-1.9	722.5	0.8
Comoros	7	3	1	1	1	1	-0.4	-8.1	-0.2	-10.4	0.0	-0.2
Congo	20042	19892	19817	19768	19719	1	-15.0	-0.1	-12.4	-0.1	-9.8	0.0
Cook Islands	0	0	0	0	0	1	0.0		0.0		0.0	

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 22. Production forest 1990–2015**

Country/Territory	Forest area designated for production (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Costa Rica			369	377	203	2					-34.8	-11.6
Côte d'Ivoire	9397	9155	9232	9230	9228	1	-24.2	-0.3	7.5	0.1	-0.4	0.0
Croatia	1624	1602	1591	1581	1548	2	-2.2	-0.1	-2.1	-0.1	-6.6	-0.4
Cuba	741	725	825	905	1075	1	-1.6	-0.2	18.0	2.2	34.0	3.5
Cyprus	43	43	41	41	41	2	0.0	0.0	-0.2	-0.4	-0.1	-0.1
Czech Republic	1534	2024	2014	1994	1980	3	49.0	2.8	-3.0	-0.1	-2.8	-0.1
Democratic People's Republic of Korea	7072	5804	5170	4537	3902	1	-126.8	-2.0	-126.7	-2.4	-127.0	-3.0
Democratic Republic of the Congo			22000	15300	12300	1					-600.0	-4.3
Denmark	426	464	403	459	484	3	3.8	0.9	-0.5	-0.1	5.0	1.1
Djibouti	0	0	0	0	0	1	0.0		0.0		0.0	
Dominican Republic	7	43	43	62	62	1	3.6	20.5	1.9	3.7	0.2	0.3
Ecuador	44	70	65	60	55	3	2.6	4.7	-1.0	-1.5	-1.0	-1.7
Egypt	0	r	1	2	2	1	0.04		0.11	14.1	0	0.0
El Salvador	93	81	74	68	63	1	-1.2	-1.4	-1.2	-1.6	-1.2	-1.8
Equatorial Guinea		249	190	87	428	2			-16.2	-10.0	68.2	37.5
Eritrea		27	30	33	36	1			0.6	2.0	0.6	1.7
Estonia	1629	1746	1556	1668	1657	3	11.7	0.7	-7.8	-0.5	-2.2	-0.1
Ethiopia	491	491	491	511	972		0.0	0.0	2.0	0.4	92.2	13.7
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0	
Faroe Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Fiji	86	117	133	141	154	3	3.1	3.1	2.4	1.9	2.6	1.8
Finland	20476	19546	18949	18851	18851	3	-93.0	-0.5	-69.5	-0.4	0.0	0.0
France				6193								
French Guiana	181	0	0	0	0	3	-18.1		0.0		0.0	-7.2
French Polynesia	4	6	6	6	6	1	0.2	4.1	0.0	0.0	0.0	0.1
Gabon	19078	19078	10979	9987	14011	1	0.0	0.0	-909.1	-6.3	804.8	7.0
Gambia	1	1	1	1	2	1	0.0	0.0	0.0	0.7	0.0	1.4
Georgia	0	0	0	0	0	2	0.0		0.0		0.0	
Ghana	3159	2575	1507	1514	1517	2	-58.4	-2.0	-106.1	-5.2	0.6	0.0
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0	
Greece	3040	3317	3456	3595	3595	1	27.7	0.9	27.8	0.8	0.0	0.0
Greenland	0	0	0	0	0	1	0.0		0.0		0.0	
Grenada	r	r	r	r		1	0	0.0	0	0.0		

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 22. Production forest 1990–2015**

Country/Territory	Forest area designated for production (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Guadeloupe	13	3	3	3	3	3	-1.0	-14.1	0.0	0.0	0.0	0.0	-0.4	-5.9
Guam	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Guatemala	22	26	29	17	15	3	0.4	1.7	-0.9	-4.2	-0.4	-2.5	-0.3	-1.5
Guinea	118	119	119	119	119	1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Guinea-Bissau	1461	1052	820	590	590	1	-40.9	-3.2	-46.2	-5.6	0.0	0.0	-34.8	-3.6
Guyana	16660	16471	16451	14434	14384	2	-18.9	-0.1	-203.7	-1.3	-10.0	-0.1	-91.0	-0.6
Haiti	40	48	52	55	58	1	0.8	1.8	0.7	1.4	0.6	1.1	0.7	1.5
Holy See	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Honduras			1329	1102	875	1					-45.4	-4.5		
Hungary	1468	1263	1251	1260	1262	3	-20.5	-1.5	-0.3	0.0	0.4	0.0	-8.2	-0.6
Iceland	1	3	5	6	7	3	0.3	18.9	0.3	5.7	0.2	2.6	0.2	10.1
India	16260	16629	17219	17748	18528	1	36.9	0.2	111.9	0.7	156.0	0.9	90.7	0.5
Indonesia	62342	60962	60493	59080	57668	3	-138.0	-0.2	-188.1	-0.3	-282.5	-0.5	-187.0	-0.3
Iran (Islamic Republic of)	1500	1500	1500	1500	1500	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Iraq	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Ireland	377	515	563	585	608	1	13.8	3.2	7.1	1.3	4.6	0.8	9.3	1.9
Israel	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Italy	3936	3962	3975	3983	3990	3	2.6	0.1	2.1	0.1	1.4	0.0	2.2	0.1
Jamaica	9	8	8	7	7	2	-0.1	-0.8	-0.1	-1.2	-0.1	-1.1	-0.1	-1.0
Jordan	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Kazakhstan	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Kenya	163	120	166	193	166	1	-4.3	-3.0	7.3	4.9	-5.4	-3.0	0.1	0.1
Kiribati	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Kyrgyzstan	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Lao People's Democratic Republic	2613	2477	2506	2600	2693	2	-13.6	-0.5	12.3	0.5	18.7	0.7	3.2	0.1
Latvia	2254	2591	2624	2663	2636	2	33.7	1.4	7.2	0.3	-5.4	-0.2	15.3	0.6
Lebanon			8	8		1								
Lesotho	6	8	9	10	10	1	0.2	3.2	0.2	2.4	0.0	0.0	0.2	2.2
Liberia	8	3844	3844	1065	1065	2	383.6	85.4	-277.9	-12.0	0.0	0.0	42.3	21.6
Libya	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Liechtenstein	2	2	2	2	2	1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2
Lithuania	1412	1466	1494	1549	1550	3	5.4	0.4	8.3	0.6	0.2	0.0	5.5	0.4

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 22. Production forest 1990–2015**

Country/Territory	Forest area designated for production (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Luxembourg	28	28	28	28	28	1	0.0	0.0	0.0	0.0	0.0	0.0
Madagascar	3595	3423	3274	3299	3278	2	-17.2	-0.5	-12.4	-0.4	-4.2	-0.1
Malawi	962	1027	1115	1195	1206	1	6.5	0.7	16.8	1.5	2.2	0.2
Malaysia	11736	12921	11819	12539	12419	3	118.5	1.0	-38.2	-0.3	-24.0	-0.2
Mali	0	0	0	0	0	1	0.0		0.0		0.0	
Malta	0	0	0	0	0	1	0.0		0.0		0.0	
Marshall Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Martinique			14	14	1	2					-2.5	-36.9
Mauritania	0	0	0	0	0	1	0.0		0.0		0.0	
Mauritius	12	13	11	12	11	1	0.0	0.2	-0.1	-0.9	-0.1	-0.9
Mexico			9226	10321	10758	2					87.4	0.8
Micronesia (Federated States of)	0	0	0	0	0	1	0.0		0.0		0.0	
Monaco	0	0	0	0	0	1	0.0		0.0		0.0	
Mongolia	856	785	757	2723	3188	3	-7.1	-0.9	193.8	13.2	93.0	3.2
Montenegro		543	543	675	675	2			13.2	2.2	0.0	0.0
Montserrat	0	0	0	0	0	1	0.0		0.0		0.0	
Morocco	942	983	1037	1099	1155	1	4.1	0.4	11.6	1.1	11.2	1.0
Mozambique	29138	27667	26922	26212	20144	3	-147.1	-0.5	-145.5	-0.5	-1213.6	-5.1
Myanmar	4422	24644	24797	19633	20470	3	2022.2	18.7	-501.1	-2.2	167.4	0.8
Namibia	0	0	0	0	0	1	0.0		0.0		0.0	
Nauru	0	0	0	0	0	1	0.0		0.0		0.0	
Nepal	109	206	185	380	550	1	9.7	6.6	17.4	6.3	34.0	7.7
Netherlands	31	4	4	4	3	1	-2.7	-18.5	0.0	0.0	-0.2	-5.6
New Zealand	1772	2018	2130	2073	2065	3	24.6	1.3	5.5	0.3	-1.6	-0.1
Nicaragua			809	612	612	3					0.0	0.0
Niger	0	0	2	9	47	2	0.0		0.9		7.5	38.9
Nigeria	5576	4110	3377	2645	1912	1	-146.6	-3.0	-146.5	-4.3	-146.6	-6.3
Northern Mariana Islands	0	0	0	0	0	1	0.0		0.0		0.0	
Norway	6834	6772	6717	6675	6633	3	-6.2	-0.1	-9.7	-0.1	-8.4	-0.1
Oman	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	708	677	608	540	471	1	-3.1	-0.4	-13.7	-2.2	-13.8	-2.7
Palau	0	0	0	0	0	3	0.0		0.0		0.0	
Panama	488	465	454	443	432	2	-2.3	-0.5	-2.2	-0.5	-2.2	-0.5

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 22. Production forest 1990–2015**

Country/Territory	Forest area designated for production (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Papua New Guinea	3994	7474	7311	7132	8758	2	348.0	6.5	-34.2	-0.5	325.2	4.2
Paraguay	23	36	43	56	98	1	1.3	4.8	2.0	4.5	8.4	11.8
Peru	39877	39877	25175	24900	17881	3	0.0	0.0	-1497.7	-4.6	-1403.8	-6.4
Philippines	4527	5228	5386	5230	6175	2	70.1	1.5	0.2	0.0	189.0	3.4
Poland	4192	3569	3788	3714	3714	3	-62.3	-1.6	14.5	0.4	0.0	-19.1
Portugal	1864	1767	1703	1648	1587	3	-9.7	-0.5	-11.9	-0.7	-12.2	-0.8
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea		3469	3337	3276	3171	2			-19.3	-0.6	-21.0	-0.6
Republic of Moldova	0	0	0	0	0	1	0.0		0.0		0.0	
Réunion	6	5	4	4	4	1	-0.1	-1.8	-0.1	-2.2	0.0	0.0
Romania	4186	3043	2985	3043	3501	2	-114.3	-3.1	0.0	0.0	91.6	2.8
Russian Federation	446679	411437	413103	421491	415074	2	-3524.2	-0.8	1005.4	0.2	-1283.5	-0.3
Rwanda	217	247	271	321	351	1	3.0	1.3	7.4	2.7	6.0	1.8
Saint Kitts and Nevis	0	0	0	0		2	0.0		0.0		0.0	
Saint Lucia	0	0	0	0	0	3	0.0		0.0		0.0	
Saint Pierre and Miquelon	0	0	0	0	0	2	0.0		0.0		0.0	
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
Samoa		81	81	81	81	1			0.0	0.0	0.0	
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Saudi Arabia	0	0	0	0	0	1	0.0		0.0		0.0	
Senegal	5573	5304	5170	5051	4942	1	-26.9	-0.5	-25.3	-0.5	-21.8	-0.4
Serbia	2013	1952	1628	2276	1787	2	-6.1	-0.3	32.4	1.5	-97.8	-4.7
Seychelles	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	240	240	240	240	240	3	0.0	0.0	0.0	0.0	0.0	0.0
Singapore	0	0	0	0	0	1	0.0		0.0		0.0	
Slovakia	655	280	125	129	285	3	-37.5	-8.1	-15.1	-7.5	31.2	17.2
Slovenia	645	667	676	553	555	3	2.2	0.3	-11.4	-1.9	0.4	0.1
Solomon Islands	554	538	376	376	376	1	-1.6	-0.3	-16.2	-3.5	0.0	0.0
Somalia	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	1626	1724	1750	1763	1763	1	9.8	0.6	3.9	0.2	0.0	5.5
Spain	1261	3472	3534	3440	3472	3	221.1	10.7	-3.2	-0.1	6.4	0.2
Sri Lanka	223	198	158	167	177	2	-2.5	-1.2	-3.1	-1.7	2.0	1.2
Sudan	12021	11131	10687	10242	9797	1	-89.0	-0.8	-89.0	-0.8	-89.0	-0.9
Suriname	354	1686	1996	1965	2000	3	133.2	16.9	27.9	1.5	7.0	0.4
											65.8	7.2

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 22. Production forest 1990–2015**

Country/Territory	Forest area designated for production (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Swaziland	160	150	145	140	135	2	-1.0	-0.6	-1.0	-0.7	-1.0	-0.7
Sweden	22691	20638	20101	19900	19699	3	-205.3	-0.9	-73.8	-0.4	-40.2	-0.2
Switzerland	352	365	372	377	383	1	1.3	0.4	1.2	0.3	1.2	0.3
Syrian Arab Republic	0	0	0	0		3	0.0		0.0		0.0	
Tajikistan	22	22	22	22	22	3	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	1941	2030	2244	2653	3265	2	8.9	0.4	62.3	2.7	122.4	4.2
The former Yugoslav Republic of Macedonia	804	804	804	804	804	2	0.0	0.0	0.0	0.0	0.0	0.0
Timor-Leste	322	284	266	247	228	1	-3.8	-1.2	-3.7	-1.4	-3.8	-1.6
Togo	465	330	262	195	128	1	-13.5	-3.4	-13.5	-5.1	-13.4	-8.1
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	76	76	76	76		2	0.0	0.0	0.0	0.0	-15.2	-100.0
Tunisia	172	208	239	270	290	2	3.6	1.9	6.2	2.6	4.0	1.4
Turkey	7890	8350	8743	7730	8083	2	46.0	0.6	-62.0	-0.8	70.6	0.9
Turkmenistan	0	0	0	0	0	1	0.0		0.0		0.0	
Tuvalu	0	0	0	0	0	1	0.0		0.0		0.0	
Uganda	357	357	357	357	357	1	0.0	0.0	0.0	0.0	0.0	0.0
Ukraine	4450	4558	4589	3362	3362	3	10.8	0.2	-119.6	-3.0	0.0	0.0
United Arab Emirates	0	0	0	0	0	1	0.0		0.0		0.0	
United Republic of Tanzania	29621	26596	25084	23571	19788	1	-302.5	-1.1	-302.5	-1.2	-756.6	-3.4
United States of America	71033	81331	84954	89212	91339	3	1029.8	1.4	788.1	0.9	425.4	0.5
Uruguay	320	777	930	1130	1219	1	45.7	9.3	35.2	3.8	17.8	1.5
Uzbekistan	5	6	6	6	6	2	0.1	1.8	-0.1	-0.9	0.1	1.8
Venezuela (Bolivarian Republic of)		25481	24043	19737	19396	1			-574.4	-2.5	-68.2	-0.3
Viet Nam	5707	4653	4946	6373	6870	3	-105.4	-2.0	172.0	3.2	99.4	1.5
Wallis and Futuna Islands	r	r	r	r	r	1	0.0	4.1	0.0	2.6	0.0	2.5
Yemen	0	0	0	0	0	1	0.0		0.0		0.0	
Zambia		11888	11888	11888	11888	1			0.0	0.0	0.0	
Zimbabwe	2216	1889	1726	1562	1406	1	-32.7	-1.6	-32.7	-1.9	-31.2	-2.1

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 23. Multiple-use forest 1990–2015**

Country/Territory	Forest area designated for multiple use (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Afghanistan	1350	1350	1350	1350	1350	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Algeria	906	852	827	1227	1265	1	-5.4	-0.6	37.5	3.7	7.6	0.6	14.4	1.3
American Samoa	18	18	18	18	18	1	0.0	-0.2	0.0	-0.2	0.0	-0.2	0.0	-0.2
Angola	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Argentina		897	2255	2546	2546	2			164.9	11.0	0.0	0.0		
Armenia	60	52	48	133	133	1	-0.7	-1.3	8.1	9.8	0.0	0.0	2.9	3.3
Australia		58138	49162	48038	50029	3			-1010.0	-1.9	398.2	0.8		
Austria	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
Bahrain	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Bangladesh	772	621	604	358	358	3	-15.1	-2.2	-26.3	-5.4	0.0	0.0	-16.6	-3.0
Barbados						6								
Belarus	0	0	0	0	0	3	0.0		0.0		0.0		0.0	
Belgium	677	659	662	665	662	3	-1.8	-0.3	0.6	0.1	-0.7	-0.1	-0.6	-0.1
Belize						0								
Benin	3044	2344	2094	1844	1794	1	-70.0	-2.6	-50.0	-2.4	-10.0	-0.5	-50.0	-2.1
Bhutan	1411	1357	1380	1348	1353	3	-5.5	-0.4	-0.9	-0.1	0.9	0.1	-2.3	-0.2
Bolivia (Plurinational State of)	22	19	17	16	14	1	-0.3	-1.3	-0.3	-1.6	-0.3	-2.2	-0.3	-1.6
Bosnia and Herzegovina	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Botswana	13298	12535	11943	11351	10840	2	-76.3	-0.6	-118.4	-1.0	-102.2	-0.9	-98.3	-0.8
Brazil	8578	29513	34249	43769	44586	2	2093.5	13.2	1425.6	4.0	163.4	0.4	1440.3	6.8
Brunei Darussalam	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Bulgaria	255	415	367	642		3	16.0	5.0	22.7	4.5				
Burkina Faso	5239	4661	4373	4084	3794	3	-57.8	-1.2	-57.7	-1.3	-58.0	-1.5	-57.8	-1.3
Burundi	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Cabo Verde	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Cambodia	404	404	404	404	404	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cameroon	10741	7262	2376	1207	38	1	-347.9	-3.8	-605.5	-16.4	-233.8	-49.9	-428.1	-20.2
Canada	299160	298723	298513	298259	298043	1	-43.7	0.0	-46.4	0.0	-43.2	0.0	-44.7	0.0
Central African Republic	17567	17331	17253	17175	17097	1	-23.6	-0.1	-15.6	-0.1	-15.6	-0.1	-18.8	-0.1
Chad	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Chile	1760	1780	1712	1712	2098	2	2.0	0.1	-6.8	-0.4	77.1	4.1	13.5	0.7
China	20093	29616	43454	40424	41706	3	952.3	4.0	1080.8	3.2	256.4	0.6	864.5	3.0
Comoros	42	42	41	38	36	1	0.0	0.0	-0.4	-1.0	-0.4	-1.1	-0.2	-0.6

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 23. Multiple-use forest 1990–2015**

Country/Territory	Forest area designated for multiple use (1 000 ha)						Annual change rate							
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015			
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%		
Congo	1683	1670	1664	1657	1629	1	-1.3	-0.1	-1.3	-0.1	-5.6	-0.3	-2.2	-0.1
Cook Islands	14	14	14	14	14	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Costa Rica			363	379	12	2					-73.4	-50.0		
Côte d'Ivoire	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Croatia	138	152	159	165	202	2	1.4	1.0	1.3	0.8	7.4	4.1	2.6	1.5
Cuba	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Cyprus	60	49	49	49	49	1	-1.1	-2.0	0.0	0.0	0.1	0.2	-0.4	-0.8
Czech Republic	747													
Democratic People's Republic of Korea	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Democratic Republic of the Congo			0	0	0	1			0.0		0.0			
Denmark	110	96	117	90	91	3	-1.4	-1.4	-0.6	-0.6	0.2	0.2	-0.8	-0.8
Djibouti	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dominican Republic	27	48	77	112	139	1	2.1	5.9	6.5	9.0	5.3	4.3	4.5	6.8
Ecuador	1559	1842	1896	1950	2005	3	28.3	1.7	10.8	0.6	10.8	0.5	17.8	1.0
Egypt	21	29	32	32	32	1	0.8	3.1	0.3	1.1	0.0	0.0	0.4	1.7
El Salvador	231	201	186	171	156	1	-3.0	-1.4	-3.0	-1.6	-3.0	-1.8	-3.0	-1.6
Equatorial Guinea			866	866	866	2			0.0	0.0	0.0	0.0		
Eritrea			11	11	11	1			0.0	0.0	0.0	0.0		
Estonia	297	104	309	201	199	3	-19.3	-10.0	9.7	6.8	-0.4	-0.2	-3.9	-1.6
Ethiopia	14623	13214	12509	11785	11527	1	-140.9	-1.0	-142.9	-1.1	-51.6	-0.4	-123.8	-0.9
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Faroe Islands	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fiji	466	501	499	859	859	2	3.6	0.7	35.8	5.5	0.0	0.0	15.7	2.5
Finland	20476	19546	18949	18851	18851	3	-93.0	-0.5	-69.5	-0.4	0.0	0.0	-65.0	-0.3
France				6868										
French Guiana	0	1399	1828	3550	4164	3	139.9		215.1	9.8	122.8	3.2	166.6	
Gabon	0	0	8000	8000	4991	1	0.0		800.0		-601.8	-9.0	199.6	
Gambia	25	25	25	25	25	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Georgia	2752	2761	2771	2771	2771	2	0.8	0.0	1.0	0.0	0.0	0.0	0.7	0.0
Germany	11300	11354	11384	11409	11419	3	5.4	0.0	5.5	0.0	2.0	0.0	4.8	0.0
Ghana	0	0	0	0		1	0.0		0.0					
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0		0.0	

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 23. Multiple-use forest 1990–2015**

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	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Greece	0	0	0	0	0	1	0.0		0.0			
Greenland	0	0	0	0	0	1	0.0	0.0	0.0	0.0	0.0	0.0
Grenada	0	0	0	0		1	0.0		0.0		0.0	0.0
Guadeloupe	46	56	56	54	12	2	1.0	1.9	-0.1	-0.2	-8.4	-25.7
Guam	26	26	26	26	26	2	0.0	0.0	0.0	0.0	0.0	0.0
Guatemala	824	787	758	716	689	3	-3.7	-0.5	-7.1	-0.9	-5.4	-0.8
Guinea	472	475	475	475	475	1	0.3	0.1	0.0	0.0	0.0	0.1
Guinea-Bissau	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Guyana	0	151	151	2142	2142	2	15.1		199.1	30.4	0.0	0.0
Haiti	0	0	0	0	0	3	0.0		0.0		0.0	0.0
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Honduras			0	0		1					0.0	
Iceland	0	0	0	0	0	3	0.0		0.0		0.0	0.0
India	24939	25505	20349	25004	24638	1	56.6	0.2	-50.1	-0.2	-73.2	-0.3
Indonesia	36440	18798	17668	14119	12109	1	-1764.2	-6.4	-467.9	-2.8	-402.0	-3.0
Iran (Islamic Republic of)	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Iraq	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Ireland	88	120	132	140	146	1	3.2	3.2	2.0	1.6	1.1	0.8
Israel	82	101	100	99	118	2	1.9	2.1	-0.2	-0.2	3.8	3.6
Italy	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Jamaica	20	20	20	20	20	1	0.0	0.0	0.0	0.0	0.0	0.0
Japan					24958							
Jordan	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Kazakhstan	3140	3114	2379	2351	2351	1	-2.6	-0.1	-76.3	-2.8	0.0	0.0
Kenya	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Kiribati	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Kyrgyzstan	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Lao People's Democratic Republic	0	0	0	0	0	2	0.0		0.0		0.0	0.0
Latvia	0	0	0	0	0	2	0.0		0.0		0.0	0.0
Lebanon			91	91		1						
Lesotho	34	34	34	34	34	1	0.0	-0.1	0.0	-0.1	0.0	0.0
Liberia	0	0	0	0	0	1	0.0		0.0		0.0	0.0

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 23. Multiple-use forest 1990–2015**

Country/Territory	Forest area designated for multiple use (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Libya	0	0	0	0	0	1	0.0		0.0		0.0	
Liechtenstein	0	0	0	0	0	1	0.0		0.0		0.0	
Lithuania	127	132	158	163	163	3	0.5	0.4	3.1	2.1	0.0	1.4
Luxembourg	58	59	59	59	59	1	0.1	0.2	0.0	0.0	0.0	0.1
Madagascar	8209	6394	4532	4125	4109	2	-181.5	-2.5	-226.9	-4.3	-3.2	-0.1
Malawi	0	0	0	0	0	1	0.0		0.0		0.0	
Malaysia	6820	4640	4141	4718	4735	1	-218.0	-3.8	7.8	0.2	3.4	0.1
Mali	2660	1870	1475	1080	685	1	-79.0	-3.5	-79.0	-5.3	-79.0	-8.7
Malta	0	0	0	0	0	1	0.0		0.0		0.0	
Marshall Islands	13	13	13	13	13	3	0.0	0.0	0.0	0.0	0.0	0.0
Martinique			2	2	0	2					-0.4	-36.9
Mauritania	349	236	185	159	137	1	-11.3	-3.8	-7.7	-3.9	-4.3	-2.9
Mauritius	0	0	1	1	1	1	0.0		0.1		0.0	1.5
Micronesia (Federated States of)	64	64	64	64	64	1	0.0	0.0	0.0	0.0	0.0	0.0
Monaco	0	0	0	0	0	1	0.0		0.0		0.0	
Mongolia	0	0	0	0	0	1	0.0		0.0		0.0	
Montenegro	0	0	0	0	0	2	0.0		0.0		0.0	
Montserrat	4	3	3	3	3	1	-0.1	-3.3	0.0	0.0	0.0	-1.3
Morocco	3747	3388	3473	3390	2844	1	-35.9	-1.0	0.2	0.0	-109.2	-3.5
Mozambique	0	0	0	0	0	3	0.0		0.0		0.0	
Myanmar	33764	7505	2124	8707	4105	2	-2625.9	-14.0	120.2	1.5	-920.4	-14.0
Namibia	997	1441	1441	1593	1600	2	44.4	3.8	15.2	1.0	1.4	0.1
Nauru	0	0	0	0	0	1	0.0		0.0		0.0	
Nepal	71	456	533	848	1500	1	38.5	20.4	39.2	6.4	130.4	12.1
Netherlands	280	266	271	275	281	1	-1.4	-0.5	0.9	0.3	1.2	0.4
New Zealand	62	92	99	102	111	3	3.0	4.0	1.0	1.0	1.8	1.7
Nicaragua			59	52	52	1					0.0	0.0
Niger	1723	1106	1042	973	873	2	-61.7	-4.3	-13.3	-1.3	-20.0	-2.1
Nigeria	0	0	0	0	0	1	0.0		0.0		0.0	
Northern Mariana Islands	34	32	31	30	29	1	-0.2	-0.5	-0.2	-0.5	-0.2	-0.2
Norway	5190	5183	5098	4999	4900	3	-0.7	0.0	-18.4	-0.4	-19.8	-0.4
Oman	0	0	0	0	0	1	0.0		0.0		0.0	
Pakistan	1599	1199	1078	931	785	1	-40.0	-2.8	-26.8	-2.5	-29.2	-3.4

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 23. Multiple-use forest 1990–2015**

Country/Territory	Forest area designated for multiple use (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Palau	38	40	40	40	40	3	0.1	0.4	0.1	0.2	0.0	0.0
Panama	3108	2962	2891	2821	2752	2	-14.6	-0.5	-14.1	-0.5	-13.8	-0.5
Papua New Guinea	694	1478	1444	1409	2696	2	78.4	7.9	-6.9	-0.5	257.4	13.9
Peru	3674	3943	17890	17695	21091	3	26.9	0.7	1375.2	16.2	679.2	3.6
Philippines	0	0	0	0	0	1	0.0		0.0		0.0	
Portugal	1305	1310	1112	1068	1072	1	0.4	0.0	-24.2	-2.0	0.8	0.1
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea		1504	1628	1671	1764	3			16.7	1.1	18.6	1.1
Republic of Moldova	211	211	172	183	194	1	0.0	0.0	-2.8	-1.4	2.2	1.2
Réunion	29	25	33	33	33	1	-0.4	-1.5	0.8	2.8	0.0	0.0
Romania	2185	3323	3406	3472	3360	2	113.8	4.3	14.9	0.4	-22.4	-0.7
Russian Federation	208720	202590	199894	173906	178064	2	-613.1	-0.3	-2868.3	-1.5	831.6	0.5
Rwanda	70	62	62	62	62	1	-0.8	-1.2	0.0	0.0	0.0	-0.3
Saint Kitts and Nevis	11	11	11	11		2	0.0	0.0	0.0	0.0		
Saint Lucia	2	2	2	3	4	1	0.0	0.0	0.1	5.8	0.3	7.5
Saint Pierre and Miquelon	3	3	3	3	3	2	0.0	-0.6	0.0	-1.0	0.0	-0.7
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0	0.0	0.0	
Samoa		9	9	9	9	1			0.0	0.0	0.0	
San Marino	0	0	0	0	0	1	0.0		0.0	0.0	0.0	
Saudi Arabia	977	977	977	977	977	1	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	2045	1946	1897	1853	1821	1	-9.9	-0.5	-9.3	-0.5	-6.4	-0.3
Serbia	0	33	65	66	8	2	3.3		3.3	7.2	-11.6	-34.4
Seychelles	6	6	6	6	6	1	0.0	0.0	0.0	0.0	0.0	0.0
Sierra Leone	0	0	0	0	0	3	0.0		0.0	0.0	0.0	0.0
Singapore	13	13	13	13	13	1	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	760	968	1159	1145	1132	3	20.8	2.4	17.7	1.7	-2.6	-0.2
Solomon Islands	0	0	0	0	0	1	0.0		0.0	0.0	0.0	
Somalia	8279	7512	7128	6744	6360	1	-76.7	-1.0	-76.8	-1.1	-76.8	-1.2
South Africa	6668	6570	6544	6531	6531	1	-9.8	-0.1	-3.9	-0.1	0.0	-5.5
South Sudan					7157							
Spain	8374	7824	7964	8826	8909	3	-55.1	-0.7	100.3	1.2	16.5	0.2
Sri Lanka	1466	1405	1338	1289	1211	2	-6.1	-0.4	-11.6	-0.9	-15.6	-1.2
Sudan	0	0	0	0	0	1	0.0		0.0	0.0	0.0	

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 23. Multiple-use forest 1990–2015**

Country/Territory	Forest area designated for multiple use (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Suriname	527	527	644	702	702	3	0.0	0.0	17.5	2.9	0.0	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Sweden	4536	3955	3986	3826	3811	3	-58.1	-1.4	-12.9	-0.3	-3.0	-0.1
Switzerland	0	0	0	0	0	3	0.0		0.0		0.0	
Syrian Arab Republic	372	432	461	491		3	6.0	1.5	5.9	1.3		
Tajikistan	0	0	0	0	0	3	0.0		0.0		0.0	
Thailand	0	0	0	0	0	1	0.0		0.0		0.0	
The former Yugoslav Republic of Macedonia	0	0	0	0	0	2	0.0		0.0		0.0	
Timor-Leste	0	0	0	0	0	1	0.0		0.0		0.0	
Togo	0	0	0	0	0	1	0.0		0.0		0.0	
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	0	0	0	0	0	1	0.0		0.0		0.0	
Trinidad and Tobago	89	82	75	72		2	-0.7	-0.8	-1.0	-1.3		
Tunisia	128	258	300	317	336	2	13.0	7.3	5.9	2.1	3.8	1.2
Turkey			640	675	685	2					2.0	0.3
Turkmenistan	0	0	0	0	0	1	0.0		0.0		0.0	
Tuvalu	0	0	0	0	0	1	0.0		0.0		0.0	
Uganda	0	0	0	0	0	2	0.0		0.0		0.0	
Ukraine	4555	4703	4735	4830	4939	3	14.8	0.3	12.7	0.3	21.8	0.4
United Arab Emirates	245	310	312	317	323	1	6.5	2.4	0.7	0.2	1.1	0.3
United Republic of Tanzania	9874	8866	8361	7857	26272	2	-100.8	-1.1	-100.9	-1.2	3683.0	27.3
United States of America	107251	101160	97883	92550	88780	3	-609.1	-0.6	-861.0	-0.9	-754.0	-0.8
Uruguay	0	0	0	0	0	1	0.0		0.0		0.0	
Uzbekistan	0	0	0	0	0	2	0.0		0.0		0.0	
Venezuela (Bolivarian Republic of)		23670	23670	27768	24314	1			409.8	1.6	-690.8	-2.6
Viet Nam	0	0	0	0	0	1	0.0		0.0		0.0	
Wallis and Futuna Islands	6	6	6	6	5	1	0.0	-0.1	0.0	-0.1	0.0	-0.1
Yemen	549	549	549	549	549	1	0.0	0.0	0.0	0.0	0.0	0.0
Zambia		8434	8434	8434	8434	1			0.0	0.0	0.0	
Zimbabwe	18482	15637	14214	12792	11513	1	-284.5	-1.7	-284.5	-2.0	-255.8	-2.1

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 24. Total wood removals**

Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)												2011									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Afghanistan	2.16	2.21	2.29	2.40	2.51	2.61	2.72	2.81	2.88	2.97	3.04	3.07	3.11	3.15	3.19	3.23	3.26	3.29	3.32	3.36	3.40	3.40
Albania	2.08	2.56	0.60	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.03	0.23	0.45	0.26	0.30	0.30	0.30	0.30	0.30	0.43	0.43	0.43
Algeria	0.12	0.17	0.14	0.24	0.17	0.19	0.19	0.20	0.22	0.20	0.19	0.13	0.12	0.16	0.18	0.14	0.14	0.15	0.15	0.12	0.14	0.14
Andorra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Angola	3.19	3.28	3.38	3.67	3.75	3.78	3.84	3.93	4.05	4.17	4.26	4.34	4.42	4.50	4.58	4.67	4.75	4.84	4.92	5.01	5.11	5.20
Argentina	10.23	10.41	11.71	10.33	10.77	11.58	11.49	11.51	12.30	9.86	10.70	9.54	11.55	13.02	15.00	14.34	14.03	13.66	13.12	14.09	15.01	15.19
Armenia											0.06		0.07	0.06	0.07	0.08	0.08	0.05	0.06	0.05	0.04	0.04
Aruba	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Australia	20.76	20.39	20.67	21.91	23.25	24.30	24.36	27.03	28.05	27.67	31.18	31.09	29.71	31.60	31.93	31.78	32.26	33.27	30.32	30.43	31.29	
Austria	15.73	11.49	12.25	12.26	13.81	15.01	14.73	14.03	14.08	13.28	13.47	14.85	17.06	16.48	16.47	19.13	21.32	21.80	16.73	17.83	18.70	
Azerbaijan											0.01	0.01	0.01	0.01	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Bahamas	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
Bahrain	r	r	r	r	0.00	r	r	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Bangladesh	28.38	28.58	28.57	28.63	28.59	28.52	28.51	28.48	28.47	28.47	28.46	28.39	28.02	28.01	27.98	27.94	27.87	27.79	27.71	27.64	27.57	
Barbados	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Belarus											11.40	10.03	10.02	15.71	17.59	5.90	6.56	6.14	6.49	6.95	7.54	8.62
Belgium	6.35	2.45	2.89	3.46	3.81	3.50	3.40	3.45	3.08	3.13	2.53	3.33	4.67	4.62	4.22	3.95	3.78	3.85	3.73	3.59	4.00	3.68
Belize	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.17	0.17	0.17	
Benin	5.85	5.93	5.97	6.04	6.09	6.13	6.16	6.21	6.21	6.23	6.24	6.29	6.35	6.38	6.41	6.45	6.61	6.57	6.61	6.66	6.70	
Bhutan	3.90	3.93	3.95	3.94	3.94	3.93	3.96	4.02	4.11	4.28	4.35	4.42	4.48	4.55	4.61	4.68	4.74	4.86	4.98	4.97	5.04	5.03
Bolivia [Plurinational State of]	2.29	2.40	2.56	2.73	2.88	2.87	2.94	2.91	2.62	2.61	2.72	2.73	2.86	2.96	3.06	3.18	3.20	3.22	3.24	3.26	3.28	
Bosnia and Herzegovina											0.04	0.04	0.04	0.04	4.00	4.13	4.28	3.82	4.22	4.10	3.99	3.81
																			4.11	3.75	4.01	3.43
																				3.62	3.85	

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 24. Total wood removals**

Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)												2011								
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Botswana	0.69	0.69	0.69	0.70	0.71	0.72	0.73	0.73	0.74	0.74	0.74	0.75	0.75	0.76	0.77	0.77	0.77	0.78	0.78	0.79	0.79
Brazil	265.95	218.29	223.65	232.23	241.90	235.48	228.93	183.92	185.26	175.83	182.77	169.53	190.40	201.00	189.16	265.95	218.29	223.65	232.23	241.90	235.48
British Virgin Islands	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Bulgaria	4.09	3.65	3.55	3.55	2.69	2.84	3.21	3.04	3.23	4.35	4.78	3.99	4.83	5.39	5.99	5.86	5.99	5.70	6.07	4.60	5.67
Burkina Faso	9.64	9.77	10.05	10.34	10.64	10.82	10.96	11.12	11.28	7.82	8.06	8.31	8.57	8.83	9.11	9.40	9.70	10.02	10.36	10.70	11.06
Burundi	6.46	6.53	6.61	6.80	7.09	7.37	7.71	7.89	8.08	5.94	6.19	8.72	8.86	9.09	9.24	9.42	9.56	9.71	9.85	9.99	10.73
Cabo Verde	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20
Cambodia	11.80	11.92	11.84	11.76	12.06	12.03	11.86	11.81	11.56	11.24	10.30	10.05	9.86	9.68	9.51	9.33	9.17	9.01	8.85	8.70	8.53
Cameroon	10.78	10.97	11.01	11.32	11.94	12.31	12.55	12.17	11.06	10.87	11.01	10.45	10.56	10.98	11.21	11.29	12.21	12.27	12.35	11.99	12.08
Canada	162.57	160.88	170.13	176.00	183.26	188.50	183.38	188.75	176.96	198.26	201.84	185.85	196.13	181.05	207.92	203.33	184.01	164.60	139.25	116.81	141.94
Central African Republic	3.48	3.43	3.73	3.69	3.58	3.61	3.20	3.45	3.52	2.86	2.96	3.00	2.92	2.78	2.83	2.93	2.85	2.84	2.84	2.66	2.73
Chad	5.17	5.27	5.42	5.63	5.77	5.88	6.03	6.17	6.34	6.50	6.65	6.76	6.88	7.00	7.12	7.25	7.36	7.47	7.59	7.71	7.83
Chile	22.09	24.51	28.37	29.86	31.05	34.58	29.83	29.98	31.73	33.97	36.57	37.79	37.82	37.00	42.59	45.64	46.71	52.63	54.83	51.02	47.22
China	55.71	58.07	61.74	63.92	66.15	67.67	67.10	63.95	59.66	52.37	47.24	45.52	44.36	52.74	59.67	60.73	71.66	75.20	87.58	76.57	86.11
Colombia	10.45	10.50	9.75	9.63	9.51	9.54	9.57	10.12	10.59	13.06	12.50	11.61	11.99	10.46	11.93	10.47	10.44	11.14	11.22	11.22	11.22
Comoros	0.15	0.15	0.16	0.16	0.17	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.25	0.26	0.26	0.27	0.28	0.28	0.30
Congo	2.57	2.15	2.32	2.36	2.54	2.25	2.75	2.67	2.39	2.52	2.80	3.10	3.28	3.46	3.55	3.59	3.71	3.73	3.31	3.38	3.55
Cook Islands	0.00	0.00	0.00	0.01	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Costa Rica	4.53	4.48	4.60	4.62	5.09	5.15	5.18	4.60	4.38	4.47	4.67	4.45	4.41	4.52	4.70	4.80	5.00	4.87	4.68	4.70	4.70
Côte d'Ivoire	11.13	10.84	10.92	11.21	11.92	11.93	11.63	11.76	11.71	11.95	11.17	10.67	10.17	10.33	10.05	10.15	10.25	10.30	10.36	10.42	10.42
Cuba	3.20	3.30	3.41	3.54	3.56	3.52	3.49	1.59	1.82	1.70	2.78	2.64	2.51	2.58	2.17	1.91	2.36	1.86	1.86	1.86	1.86
Cyprus	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01

## QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?

Table 24. Total wood removals

Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)												2011									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Czech Republic	12.33	10.88	9.87	10.14	11.97	12.64	12.65	13.49	13.99	14.20	14.44	14.37	14.54	15.14	15.60	15.51	17.68	18.51	16.19	15.50	16.74	15.38
Democratic People's Republic of Korea	4.96	5.08	5.23	5.36	5.46	5.59	6.15	6.51	6.86	6.93	7.00	7.06	7.12	7.18	7.24	7.30	7.34	7.37	7.41	7.45	7.49	7.53
Democratic Republic of the Congo	47.24	49.76	52.94	57.01	60.06	62.13	63.69	64.88	66.05	67.15	68.47	69.71	71.02	72.38	73.89	75.27	76.50	77.80	78.91	80.04	81.19	81.18
Denmark	1.76	1.66	1.67	1.55	1.61	1.68	1.63	1.58	1.49	1.49	3.19	1.56	1.40	1.57	1.62	2.58	2.04	2.22	2.06	2.09	2.31	2.23
Djibouti	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.28	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.34	0.34	0.35	0.35	0.36
Dominica	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Dominican Republic																						
Ecuador	7.18	6.79	6.98	4.70	9.36	10.67	11.29	12.10	12.01	5.88	5.91	6.23	6.30	6.32	6.63	6.65	5.84	6.08	6.02	6.86	7.04	7.06
Egypt	14.10	14.40	14.75	15.08	15.36	15.54	15.82	15.97	16.12	16.29	16.45	16.60	16.75	16.91	17.06	17.22	17.33	17.44	17.55	17.66	17.78	17.78
El Salvador	3.74	4.68	3.83	3.87	3.91	4.72	4.33	5.19	5.13	5.17	5.20	5.20	4.83	4.85	4.88	4.89	4.89	4.89	4.90	4.90	4.91	4.90
Equatorial Guinea	0.63	0.59	0.61	0.64	0.71	0.81	0.92	1.20	0.87	1.22	1.14	1.08	1.02	0.87	0.91	1.08	1.05	0.97	0.97	0.97	0.97	0.97
Eritrea																						
Estonia	2.34	3.50	2.44	2.77	4.14	4.56	5.05	7.39	8.03	10.40	10.44	9.80	9.43	8.14	5.72	5.20	4.32	4.28	4.78	5.33	6.83	6.62
Ethiopia																						
Falkland Islands (Malvinas)*	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Faroe Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Finland	43.23	34.86	38.48	42.24	48.75	50.22	46.60	51.33	53.66	53.64	54.26	52.21	53.39	54.24	54.40	52.25	50.81	56.61	50.67	41.65	50.95	50.77
France	62.60	63.00	62.80	58.90	60.10	60.40	57.40	57.80	57.40	57.00	65.60	59.40	54.40	52.30	52.60	52.20	53.00	54.30	52.40	54.50	55.70	55.20
French Guiana	0.23	0.23	0.24	0.11	0.11	0.12	0.12	0.12	0.14	0.14	0.14	0.15	0.15	0.17	0.17	0.17	0.17	0.18	0.20	0.22	0.21	0.21
French Polynesia	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Gabon	2.09	1.78	1.99	2.33	2.62	2.79	2.91	3.28	3.28	3.28	3.10	3.10	2.21	4.63	4.57	4.27	4.57	4.47	4.47	4.47	4.47	4.47

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 24. Total wood removals**

Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)																							
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011		
Gambia	0.52	0.55	0.59	0.62	0.60	0.61	0.61	0.61	0.62	0.62	0.72	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82		
Georgia	0.34	0.33	0.23								0.35	0.38	0.43	0.34	0.44	0.45	0.54	0.76	0.64	0.84	0.79	0.70	0.80	0.60
Germany	84.71	33.62	32.95	33.15	39.81	39.34	37.01	38.21	39.05	37.63	53.71	39.48	42.38	51.18	54.50	56.95	62.29	76.73	55.37	48.07	54.42	56.14		
Ghana	14.31	12.38	16.30	19.93	22.54	23.52	24.34	25.24	26.09	26.88	21.49	23.69	23.78	20.09	19.05	17.42	15.89	14.37	13.76	13.37	12.97	14.16		
Gibraltar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Greece	2.49	2.55	2.32	2.22	2.09	1.96	2.01	1.74	1.69	2.21	2.24	1.92	1.59	1.67	1.69	1.52	1.56	1.74	1.74	1.74	1.74	1.74	1.74	
Greenland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Guadeloupe	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Guatemala																								
Guinea	10.43	10.87	8.21	8.32	8.56	12.60	12.68	8.65	8.65	12.23	12.10	12.14	12.19	12.24	12.29	12.34	12.39	12.44	12.55	12.55	12.61	12.61		
Guinea-Bissau	1.99	2.02	2.03	2.04	2.06	2.09	2.11	2.14	2.21	2.29	2.36	2.40	2.44	2.47	2.51	2.54	2.58	2.63	2.66	2.69	2.73	2.73		
Guyana	1.07	1.06	1.07	1.17	1.31	1.37	1.36	1.46	1.29	1.33	1.17	1.19	1.17	1.21	1.33	1.36	0.58	0.61	0.49	0.50	0.51	0.55		
Haiti	1.87	1.90	1.98	2.01	2.08	2.15	2.16	2.18	2.18	2.19	2.20	2.21	2.22	2.22	2.23	2.24	2.25	2.26	2.26	2.27	2.28	2.29		
Holy See	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Honduras	9.30	9.28	9.11	9.13	9.32	9.11	9.28	9.35	9.45	9.55	9.49	9.55	9.68	9.50	9.62	9.63	9.54	9.46	9.31	9.12	9.10	9.10		
Hungary	5.50	5.31	4.97	4.09	4.20	4.22	3.69	4.32	4.19	4.76	5.42	5.34	5.40	5.27	5.18	5.37	5.32	5.12	5.38	5.24	5.74	6.23		
Iceland							r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r		
India	248.22	252.10	255.98	259.86	263.74	267.62	271.50	275.37	279.25	283.13	287.01	300.44	313.88	327.31	340.74	354.17	367.60	381.04	394.47	407.90	421.33	434.77		
Indonesia																								
Iran (Islamic Republic of)	1.22	1.50	1.40	1.55	1.58	1.46	1.43	1.50	1.29	1.15	1.11	1.11	0.71	0.91	0.82	0.77	0.79	0.87	0.89	0.85	0.75	0.75		
Iraq	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.16	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18		
Ireland	1.63	1.67	1.96	1.82	2.02	2.20	2.29	2.18	2.27	2.58	2.67	2.46	2.65	2.68	2.56	2.67	2.71	2.23	2.43	2.62	2.63	2.63		

## **QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

Table 24. Total wood removals

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Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)										
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Martinique	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Mauritania	1.15	1.18	1.21	1.23	1.25	1.27	1.30	1.32	1.36	1.39	1.43
Mauritius	0.03	0.02	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.02	0.01
Mayotte	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
Mexico	8.16	7.69	7.68	6.35	6.41	6.30	6.84	7.71	8.33	8.50	9.43
Micronesia [Federated States of]	0.00	r	r	r	r	r	r	r	r	r	r
Mongolia	1.50	1.00	0.96	0.96	0.87	0.74	0.74	0.74	0.64	0.72	0.74
Montenegro											
Morocco	7.14	7.67	7.61	7.33	1.60	1.50	1.46	0.77	1.75	1.12	1.06
Mozambique									0.22	0.32	0.45
Myanmar	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.04
Namibia	0.68	0.69	0.71	0.72	0.73	0.75	0.76	0.76	0.77	0.78	0.79
Nepal	12.97	12.97	13.01	13.03	13.10	13.12	13.19	13.85	13.94	14.02	14.00
Netherlands	1.42	1.12	1.25	1.08	1.04	1.10	0.95	1.11	1.02	1.04	0.87
New Caledonia	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02
New Zealand	13.13	13.82	14.25	14.91	15.95	16.59	16.32	16.92	15.30	17.75	19.28
Nicaragua	5.93	5.92	5.76	5.78	5.77	5.89	5.85	5.91	5.94	5.98	5.88
Niger	5.98	6.18	6.51	6.75	6.96	7.18	7.41	7.65	7.82	8.02	8.38
Nigeria	59.18	60.00	61.12	62.29	63.79	65.03	66.15	67.74	67.84	68.29	68.77
Niue	r	r	r	r	r	r	r	r	r	r	r
Norfolk Island	r	r	r	r	r	r	r	r	r	r	r
Norway	11.75	10.67	10.11	10.28	9.29	10.12	8.99	9.32	8.95	9.20	8.93

## QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?

Table 24. Total wood removals

Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)										
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Oman	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03
Pakistan	23.66	23.79	24.22	24.19	24.28	24.22	28.98	30.86	31.84	33.06	33.56
Panama	1.52	1.48	1.48	1.47	1.46	1.45	1.42	1.41	1.31	1.34	1.33
Papua New Guinea	1.79	1.66	1.35	2.02	2.76	2.19	2.65	3.01	1.62	1.98	1.99
Paraguay	8.34	8.55	8.63	8.85	9.04	9.27	9.27	9.44	9.45	9.55	9.59
Peru	1.07	0.92	0.95	1.38	1.52	1.40	1.40	1.12	1.83	1.53	1.51
Philippines	20.10	18.86	18.16	17.69	17.55	17.17	17.00	16.66	16.69	16.69	16.02
Poland	20.02	19.40	23.19	22.53	22.89	23.36	22.81	24.65	25.74	26.69	28.27
Portugal	11.21	10.81	10.28	10.21	9.82	9.35	8.98	8.98	8.55	8.98	10.83
Qatar	r	r	r	r	r	r	r	r	r	r	0.00
Republic of Korea	1.52	1.56	1.35	1.35	1.31	1.17	1.28	1.16	1.57	1.85	1.86
Republic of Moldova								0.40	0.36	0.39	0.33
Réunion	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Romania	12.61	12.96	12.44	8.84	11.93	12.18	12.25	13.53	11.65	12.70	13.15
Russian Federation	325.29	355.40	227.90	174.63	111.80	116.21	96.81	134.66	124.79	143.60	158.10
Rwanda	6.39	6.39	6.43	6.43	6.48	5.38	5.80	7.42	7.53	7.84	5.40
Saint Lucia	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Saint Pierre and Miquelon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	r
Saint Vincent and the Grenadines	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Samoa	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.09	0.09	0.08
San Marino	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sao Tome and Principe	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12

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Country/Territory	Total wood removals (million m <sup>3</sup> u.b.)												2011										
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
Tokelau	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tonga	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	
Trinidad and Tobago	0.09	0.09	0.10	0.09	0.12	0.16	0.10	0.11	0.07	0.07	0.11	0.10	0.09	0.10	0.09	0.10	0.10	0.10	0.08	0.08	0.08	0.08	
Tunisia	0.26	0.21	0.15	0.23	0.32	0.15	0.11	0.37	0.17	0.26	0.23	0.23	0.33	0.25	0.21	0.25	0.19	0.14	0.33	0.21	0.17	0.01	
Turkey	15.76	15.25	16.95	18.88	16.85	19.28	19.41	18.05	17.67	16.61	15.94	15.34	16.12	15.81	16.50	16.19	18.08	18.32	19.42	19.30	20.55	21.04	
Turkmenistan											r	r	r	r	r	r	r	r	r	r	0.01	0.01	0.01
Turks and Caicos Islands	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	
Uganda	31.00	31.68	32.67	33.42	34.38	34.88	35.43	35.97	36.41	36.90	37.27	37.79	38.32	38.86	39.48	40.12	40.75	41.69	42.36	43.03	43.73	43.73	
Ukraine																							
United Arab Emirates	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
United Kingdom	6.35	6.37	6.41	6.71	7.92	8.15	7.50	7.84	7.60	7.78	7.79	7.79	7.79	8.07	8.33	8.52	8.42	9.02	8.42	8.62	9.72	10.02	
United Republic of Tanzania	20.51	20.91	21.70	22.01	22.29	22.61	22.80	22.94	22.96	23.05	23.10	23.26	23.44	23.62	23.82	24.03	24.23	24.44	24.67	24.90	25.15	25.15	
United States of America	509.32	491.26	483.80	470.73	473.11	469.83	461.08	464.23	469.75	469.31	466.55	449.11	448.00	448.51	461.74	467.35	457.05	425.13	380.51	332.53	323.99	324.43	
Uruguay	3.91	4.02	4.20	4.42	4.48	4.55	4.74	5.02	5.18	5.06	5.18	5.06	2.93	2.99	3.44	3.74	5.08	5.70	6.37	7.17	9.45	8.39	11.85
Uzbekistan																							
Vanuatu	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	
Venezuela (Bolivarian Republic of)																							
Viet Nam	31.20	31.55	31.22	31.16	31.60	31.64	31.32	31.03	30.22	30.87	30.80	30.73	26.44	26.49	26.00	26.12	27.45	27.85	27.85	28.20	27.10		
Wallis and Futuna Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Yemen	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.37	0.38	0.39	0.41	0.42	0.44	0.46	
Zambia	7.12	7.32	7.52	7.73	8.11	8.21	8.18	8.24	8.38	8.52	8.38	8.23	8.52	8.82	9.17	9.44	9.90	10.03	10.16	10.30	10.44	10.44	
Zimbabwe	6.90	6.97	6.98	7.00	8.14	8.39	8.64	8.91	8.99	9.25	9.09	9.11	9.11	9.09	8.94	9.15	9.20	9.26	9.23	9.23	9.23	9.23	

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

#### **QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

Table 25. Woodfuel removals

Country/Territory	Total woodfuel removals (million m <sup>3</sup> u.b.)												
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Afghanistan	0.69	0.71	0.76	0.82	0.88	0.95	1.02	1.09	1.15	1.21	1.28	1.31	1.35
Albania	1.56	1.56	1.56	0.54	0.35	0.35	0.35	0.01	0.17	0.32	0.19	0.22	0.22
Algeria	0.06	0.12	0.06	0.06	0.05	0.05	0.07	0.10	0.11	0.07	0.04	0.04	0.13
Andorra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Angola	2.34	2.41	2.48	2.74	2.79	2.81	2.84	2.90	2.98	3.07	3.16	3.24	3.32
Argentina	3.10	3.24	3.91	3.50	4.45	3.57	3.87	3.98	5.18	3.59	2.99	3.30	2.80
Armenia									0.06	0.05	0.06	0.06	0.06
Aruba	r	r	r	r	r	r	r	r	r	r	r	r	r
Australia	3.55	3.79	4.02	4.25	4.49	4.74	5.02	6.96	6.89	6.83	6.77	6.70	5.52
Austria	2.79	2.44	2.99	3.15	3.26	3.06	3.80	3.42	3.18	3.10	2.86	2.91	3.04
Azerbaijan									0.01	0.01	0.01	0.03	0.33
Bahamas	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Bahrain	r	r	r	0.00	r	r	0.00	0.01	0.01	0.01	0.01	0.01	0.01
Bangladesh	27.74	27.88	27.92	27.93	27.92	27.94	27.90	27.87	27.85	27.78	27.84	27.80	27.76
Barbados	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	r	0.01	0.01	0.01
Belarus	0.81	0.83	0.83	0.81	0.81	0.81	0.81	0.87	1.14	0.93	0.95	0.98	1.10
Belgium	1.60	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.55	0.55	0.55	0.60
Belize	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Benin	5.58	5.63	5.68	5.74	5.78	5.83	5.86	5.89	5.90	5.91	5.94	5.97	6.00
Bhutan	3.86	3.87	3.88	3.87	3.88	3.89	3.92	3.97	4.07	4.14	4.22	4.28	4.35
Bolivia (Plurinational State of)	1.92	1.94	1.96	1.98	2.00	2.02	2.05	2.07	2.09	2.12	2.14	2.16	2.18
Bosnia and Herzegovina									0.91	0.91	0.95	0.86	1.15

## QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?

Table 25. Woodfuel removals

Country/Territory	Total woodfuel removals (million m <sup>3</sup> u.b.)												2011								
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Botswana	0.60	0.60	0.60	0.61	0.62	0.62	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.66	0.67	0.67	0.68	0.68	0.69
Brazil	143.09	136.74	134.16	130.14	129.79	125.17	115.99	113.10	104.73	102.84	103.18	93.17	108.42	98.69	98.53	143.09	136.74	134.16	130.14	129.79	125.17
British Virgin Islands	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Bulgaria	1.50	1.45	1.87	1.71	0.89	0.87	1.19	1.18	1.39	1.10	2.11	1.64	2.19	2.54	2.91	2.68	2.89	2.53	2.69	2.38	2.66
Burkina Faso	9.24	9.36	9.63	9.91	10.19	10.36	10.49	10.63	10.78	7.23	4.70	4.85	5.00	5.15	5.32	5.48	5.69	5.84	6.04	6.24	6.45
Burundi	5.84	5.91	6.00	6.18	6.48	6.68	7.02	7.21	7.39	5.25	5.42	7.95	8.10	8.24	8.39	8.54	8.68	8.82	8.97	9.11	9.85
Cabo Verde	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.18	0.19	0.20
Cambodia	11.23	11.18	11.11	11.06	11.10	10.99	10.82	10.77	10.52	10.32	10.12	9.92	9.74	9.56	9.39	9.22	9.05	8.89	8.74	8.59	8.44
Cameroon	7.65	7.89	8.09	8.38	8.62	8.72	8.82	8.91	8.96	9.03	9.11	9.18	9.26	9.33	9.41	9.49	9.57	9.65	9.73	9.82	9.91
Canada	6.17	6.68	6.39	6.42	5.88	5.34	5.43	5.20	3.04	2.90	2.93	2.91	2.89	2.84	2.79	3.05	2.92	3.21	3.14	3.12	3.32
Central African Republic	3.06	3.06	3.25	3.25	3.00	3.00	2.61	2.69	2.69	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Chad	4.62	4.67	4.80	4.99	5.10	5.20	5.32	5.44	5.59	5.74	5.89	6.00	6.12	6.24	6.36	6.49	6.60	6.71	6.83	6.95	7.07
Chile	7.70	8.19	9.02	9.32	9.67	9.70	10.45	10.41	10.42	10.79	12.13	12.11	12.33	12.71	13.11	13.49	14.22	14.96	14.62	12.66	16.00
Colombia	6.77	6.87	6.94	6.98	7.02	7.06	7.14	7.21	7.39	8.19	10.89	10.76	9.60	9.93	8.47	10.30	8.83	8.83	8.83	8.83	8.83
Comoros	0.14	0.14	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.27
Congo	0.97	0.98	0.99	1.01	1.04	1.07	1.08	1.11	1.12	1.14	1.15	1.17	1.19	1.20	1.45	1.37	1.26	1.28	1.30	1.32	1.34
Cook Islands	0.00	0.00	0.00	0.01	r	r	r	r	r	r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Costa Rica	3.55	3.55	3.53	3.51	3.50	3.50	3.52	3.51	3.50	3.49	3.49	3.47	3.46	3.45	3.45	3.44	3.42	3.41	3.40	3.39	3.38
Côte d'Ivoire	7.58	7.86	8.14	8.44	8.67	8.78	8.74	8.69	8.62	8.57	8.53	8.55	8.58	8.62	8.66	8.70	8.74	8.79	8.83	8.89	8.95
Cuba	2.59	2.69	2.79	2.93	2.94	2.95	2.91	2.88	1.19	0.96	0.89	1.97	1.83	1.80	1.82	1.41	1.27	1.74	1.14	1.14	1.14
Cyprus	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	r	r	r	0.01	0.01	r	r	r
Czech Republic	1.30	1.01	0.83	0.71	0.79	0.67	0.74	0.66	0.88	0.90	0.97	1.09	1.02	1.21	1.22	1.27	1.44	1.87	1.88	1.73	1.97

#### QUESTION 4: WHAT IS THE STATUS OF FOREST PROTECTION AND HOW HAS IT CHANGED OVER TIME?

Table 25. Woodfuel removals

## QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?

Table 25. Woodfuel removals

Country/Territory	Total woodfuel removals (million m <sup>3</sup> u.b.)												2011											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010			
Germany	4.37	3.80	3.80	3.80	2.43	2.48	2.72	2.61	2.57	2.62	2.98	4.63	5.77	5.85	6.04	8.29	8.70	8.56	9.09	9.03	10.78			
Ghana	12.87	11.00	15.00	18.10	20.68	22.24	23.09	23.96	24.86	25.78	20.49	22.47	22.68	18.69	17.70	16.22	14.58	13.06	12.37	11.87	11.72	12.91		
Gibraltar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Greece	1.35	1.35	1.64	1.52	1.35	1.33	1.34	1.24	1.20	1.40	1.60	1.40	1.09	1.07	1.23	1.00	1.10	0.79	0.79	0.79	0.79	0.79	0.79	
Greenland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Guadeloupe	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		
Guatemala																								
Guinea	9.88	10.31	7.63	7.72	7.93	11.93	12.00	7.98	8.00	11.58	11.44	11.49	11.54	11.59	11.64	11.69	11.74	11.79	11.85	11.90	11.96	11.96		
Guinea-Bissau	1.87	1.89	1.91	1.92	1.95	1.98	2.01	2.08	2.15	2.23	2.26	2.30	2.34	2.37	2.41	2.45	2.49	2.52	2.56	2.60	2.60	2.60		
Guyana	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88	0.88	0.88	0.88	0.88	0.87	0.87	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86		
Haiti	1.63	1.66	1.74	1.78	1.84	1.91	1.92	1.94	1.95	1.95	1.96	1.97	1.98	1.99	1.99	1.99	2.00	2.01	2.02	2.02	2.03	2.04	2.05	
Holy See	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Honduras	8.55	8.57	8.55	8.52	8.61	8.62	8.64	8.63	8.66	8.69	8.73	8.72	8.71	8.70	8.70	8.70	8.70	8.70	8.67	8.64	8.62	8.59	8.58	
Hungary	1.99	2.11	2.14	1.82	1.74	1.83	1.89	1.98	1.89	2.10	2.11	1.85	1.96	2.27	2.19	2.57	2.65	2.36	2.56	2.88	3.00	3.22		
Iceland					r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r		
India	213.17	216.44	219.70	222.97	226.24	229.50	232.77	236.04	239.30	242.57	245.84	258.51	271.19	283.86	296.53	309.21	321.88	334.55	347.23	359.90	372.58	385.25		
Iran (Islamic Republic of)	0.33	0.36	0.34	0.36	0.31	0.29	0.23	0.19	0.05	0.05	0.10	0.09	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.05	0.05		
Iraq	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12		
Ireland	0.05	0.05	0.06	0.06	0.07	0.06	0.07	0.07	0.07	0.07	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.05	0.17	0.18	0.19		
Israel	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	r	r	r	r	r	r	r	r	r	r	r	r		
Italy	3.64	4.24	4.83	4.70	5.48	5.26	4.96	5.22	5.18	6.93	5.68	5.15	4.88	5.58	5.81	5.67	5.61	5.13	5.67	5.35	5.20	5.39		
Jamaica	0.85	0.75	0.50	0.45	0.40	0.30	0.49	0.52	0.55	0.57	0.60	0.59	0.58	0.57	0.56	0.56	0.56	0.55	0.55	0.55	0.55	0.54		

#### QUESTION 4: WHAT IS THE STATUS OF FOREST PROTECTION AND HOW HAS IT CHANGED OVER TIME?

Table 25. Woodfuel removals

## QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?

Table 25. Woodfuel removals

Country/Territory	Total woodfuel removals (million m <sup>3</sup> u.b.)												2011									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Mayotte		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Mexico	0.47	0.45	0.44	0.40	0.36	0.24	0.30	0.40	0.40	0.43	0.59	0.70	0.61	0.72	0.57	0.67	0.69	0.69	0.57	0.68	0.59	0.63
Micronesia (Federated States of)	0.00	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Mongolia	0.69	0.37	0.35	0.33	0.29	0.29	0.29	0.29	0.29	0.29	0.55	0.63	0.70	0.70	0.70	0.70	0.75	0.75	0.76	0.76	0.76	0.76
Montenegro																						
Morocco	6.55	6.70	6.79	5.56	0.61	0.53	0.32	0.77	0.55	0.49	0.41	0.40	0.37	0.30	0.38	0.35	0.43	0.64	0.46	0.41	0.38	
Mozambique																						
Myanmar	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Namibia	0.68	0.69	0.71	0.72	0.73	0.75	0.76	0.76	0.77	0.77	0.78	0.78	0.79	0.79	0.80	0.80	0.81	0.81	0.82	0.82	0.83	
Nepal	12.40	12.35	12.39	12.48	12.41	12.48	12.50	12.57	12.59	12.68	12.76	12.74	12.73	12.71	12.70	12.69	12.65	12.62	12.59	12.55	12.53	12.46
Netherlands	0.15	0.13	0.16	0.18	0.18	0.16	0.12	0.12	0.15	0.16	0.16	0.14	0.14	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
New Caledonia	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
New Zealand	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05												
Nicaragua	5.63	5.62	5.65	5.65	5.62	5.62	5.62	5.68	5.72	5.76	5.79	5.83	5.87	5.91	5.95	5.97	6.00	6.03	6.06	6.10	6.11	
Niger	5.67	5.86	6.19	6.41	6.61	6.82	7.04	7.26	7.42	7.61	7.81	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86
Nigeria	50.92	51.73	52.85	54.03	55.52	56.77	57.67	58.66	58.42	58.87	59.35	59.70	60.06	60.45	60.85	61.27	61.63	62.00	62.39	62.79	63.22	63.21
Niue	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Norfolk Island	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Norway	1.01	1.02	1.04	1.05	1.05	1.04	1.08	1.08	1.30	1.26	1.29	1.37	1.49	1.41	1.36	2.11	2.07	2.09	2.16	2.37	2.00	
Oman	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
Pakistan	21.04	21.58	21.99	22.35	22.68	26.92	28.59	29.52	30.67	30.88	31.52	31.52	26.00	26.50	26.50	29.52	29.66	29.66	29.66	29.66	29.66	29.66

**QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

**Table 25. Woodfuel removals**

Country/Territory	Total woodfuel removals (million m <sup>3</sup> u.b.)																					
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Panama	1.41	1.38	1.36	1.35	1.34	1.33	1.31	1.30	1.29	1.28	1.26	1.25	1.23	1.22	1.21	1.19	1.17	1.16	1.14	1.13	1.11	
Paraguay	4.84	4.91	4.98	5.07	5.17	5.28	5.35	5.42	5.46	5.51	5.55	5.65	5.74	5.84	5.94	6.05	6.15	6.25	6.36	6.47	6.58	6.58
Philippines	15.18	15.06	14.95	14.79	14.58	14.36	14.14	13.96	13.83	13.72	13.61	13.47	13.33	13.20	13.07	12.95	12.82	12.70	12.58	12.47	12.36	12.25
Poland	3.04	3.71	4.13	3.61	3.26	2.55	2.70	2.83	2.49	2.58	2.72	2.83	3.47	3.92	3.71	3.78	4.01	3.89	4.28	4.71	4.71	5.59
Portugal	0.50	0.50	0.50	0.50	0.50	0.55	0.55	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Qatar	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Republic of Korea	0.38	0.28	0.22	0.17	0.14	0.12	0.08	0.10	0.14	0.16	0.27	0.25	0.24	0.24	0.31	0.22	0.27	0.23	0.26	0.22	0.26	0.13
Republic of Moldova																						
Réunion	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Romania	1.88	2.00	2.00	1.10	2.29	2.16	2.81	3.69	3.02	3.22	3.03	2.62	3.06	2.90	3.02	2.96	4.52	3.77	4.15	3.97	2.56	4.01
Russian Federation	71.58	81.10	63.90	38.60	32.02	33.46	23.81	46.29	47.39	49.00	52.30	46.90	46.40	47.40	47.80	47.00	46.00	45.00	44.70	38.50	38.92	43.82
Rwanda	6.37	6.37	6.37	6.37	5.15	5.55	7.10	7.20	7.50	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Saint Lucia	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Saint Pierre and Miquelon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	r	r	r
Saint Vincent and the Grenadines	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Samoa	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
San Marino	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sao Tome and Principe	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11
Saudi Arabia	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24	0.25	0.25
Senegal	0.46	0.52	0.15	0.34	0.39	0.25	0.28	0.31	0.15	0.17	0.25	0.27	0.20	0.26	0.28	0.27	0.24	0.24	0.22	0.32	0.31	0.39
Serbia	1.79	1.87	1.40	1.45	1.37	1.51	1.57	1.39	1.34	1.57	1.61	1.36	1.65	1.57	1.64	1.52	1.63	1.55	1.57	1.78	6.22	6.51

## **QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?**

Table 25. Woodfuel removals

#### QUESTION 4: WHAT IS THE STATUS OF FOREST PRODUCTION AND HOW HAS IT CHANGED OVER TIME?

**Table 25. Woodfuel removals**

Country/Territory	Total woodfuel removals (million m <sup>3</sup> u.b.)																					
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Tunisia	0.17	0.11	0.07	0.12	0.19	0.08	0.06	0.24	0.10	0.15	0.13	0.12	0.17	0.13	0.11	0.14	0.08	0.08	0.14	0.10	0.07	0.01
Turkey	9.80	9.75	8.50	9.47	7.63	8.53	9.18	8.28	7.69	6.54	5.51	5.36	4.93	5.08	5.28	4.98	5.83	4.65	4.96	5.05	4.86	4.62
Turkmenistan									r	r	r	r	r	r	r	r	r	r	r	r	r	r
Turks and Caicos Islands	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r	r
Uganda	29.27	29.87	30.68	31.23	31.93	32.18	32.62	33.05	33.37	33.73	34.09	34.61	35.14	35.68	36.23	36.80	37.34	37.90	38.47	39.05	39.64	39.64
Ukraine																						
United Arab Emirates	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
United Kingdom	0.23	0.25	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.32	0.32	0.46	0.56	0.99
United Republic of Tanzania	18.57	18.92	19.43	19.84	20.16	20.44	20.59	20.70	20.68	20.74	20.79	20.95	21.12	21.31	21.51	21.71	21.91	22.13	22.35	22.59	22.84	
United States of America	82.12	102.96	80.70	69.21	62.33	60.88	54.48	48.14	46.21	46.02	45.93	45.90	43.04	42.90	43.61	43.89	44.91	46.36	43.61	40.44	40.44	40.44
Uruguay	3.07	3.16	3.16	3.38	3.44	3.51	3.56	3.61	3.72	3.81	1.42	1.39	1.61	1.61	1.76	1.97	2.11	2.06	2.21	2.21	2.43	2.43
Uzbekistan											0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Vanuatu	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Venezuela (Bolivarian Republic of)											0.06	0.01	0.03	0.02	r	0.01	0.01	0.01	0.01	r	0.01	
Viet Nam	26.53	26.71	26.75	26.81	26.83	26.79	26.76	26.77	26.71	26.70	26.69	26.62	26.55	21.50	21.25	21.25	22.00	22.00	22.00	21.50	20.40	
Wallis and Futuna Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yemen	0.17	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.37	0.38	0.39	0.41	0.42	0.44	0.46
Zambia	6.44	6.59	6.73	6.83	7.04	7.26	7.32	7.43	7.55	7.69	7.83	7.95	8.07	8.19	8.32	8.44	8.57	8.70	8.84	8.98	9.12	9.12
Zimbabwe	6.26	6.26	6.26	6.26	7.00	7.21	7.43	7.65	7.88	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.38	8.46	8.54	8.63	8.71	8.71

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

The background image shows a steep, green hillside with a textured surface. A small cluster of trees is visible near the top left of the hill. The sky above is clear and blue.

# Protective functions and selective ecosystem services

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER AND ECOSYSTEM SERVICES?**

**Table 26. Protection of soil and water 2015**

Country/Territory	Protection of soil and water (1 000 ha)						Tier status	
	Total*	...of which						
		Production of clean water	Coastal stabilization	Desertification control	Avalanche control	Erosion, flood protection		
Albania	131						1	
Algeria	1430						1	
Australia	29808	1443				28365	3	
Austria	3869	261	0	0		1153	3	
Bangladesh	420	193	62	34		131	3	
Barbados	r					r	1	
Belarus	1591		294				3	
Belgium	168	0	0	0	0	0	3	
Benin	2522	0	1	0	0	0	1	
Bhutan	2755						3	
Botswana	0	0	0	0	0	0	2	
Brazil	56800						1	
Bulgaria	427	227	0	0	0	200	0	
Burkina Faso	5349				0		2	
Burundi	276						1	
Cambodia	8449	551					1	
Cameroon	489					489	1	
Canada	317189						2	
Chad	18			18	0		1	
Chile	6382						1	
China	58314						3	
Comoros	36				0		1	
Croatia	73		0	0	0		1	
Cuba	1579		585			994	2	
Cyprus	158		0		0		1	
Czech Republic	271	90	0	0	0	181	0	
Denmark	0	0	0	0	0	0	3	
Dominican Republic	1203						2	
Ecuador	6993						2	
Egypt	34						1	
El Salvador	14						1	
Estonia	138	138	0	0	0	0	3	
Falkland Islands (Malvinas)**	0	0	0	0	0	0	1	
Faroe Islands	0	0	0	0	0	0	1	
Finland	1632		0	0	0	0	3	
French Guiana	188	188					3	
French Polynesia	3						1	
Gabon	141	0	141	0	0	0	2	

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 26. Protection of soil and water 2015**

Country/Territory	Protection of soil and water (1 000 ha)						Tier status	
	Total*	...of which						
		Production of clean water	Coastal stabilization	Desertification control	Avalanche control	Erosion, flood protection		
Gambia	60						1	
Georgia	2200						3	
Ghana	353						1	
Gibraltar	0	0	0	0	0	0	1	
Greenland	0	0	0	0	0	0	1	
Grenada	1						1	
Guadeloupe	32	18	2	0	0	12	0	2
Guatemala	1840						3	
Guinea	593				0	593	1	
Guyana	2223		81				2142	3
Haiti	0						1	
Holy See	0	0	0	0	0	0	0	1
Hungary	175	1	0	0	0	174	0	3
Iceland	17	0	0	17	0	0	0	3
Indonesia	30097				0			1
Iran (Islamic Republic of)	8727							1
Iraq	660							1
Ireland				0	0			
Isle of Man	3							1
Israel	15				0	15		2
Italy	8124							3
Jamaica	335		10					2
Japan	11735	9155			17	2563		3
Kenya	4413	0	0	0	0	0	0	2
Kyrgyzstan	637							3
Lao People's Democratic Republic	7330							2
Latvia	141	0	0	0	0	141	0	2
Liberia	0	0	0	0	0	0	0	1
Libya	217							1
Liechtenstein	2							1
Lithuania	199	0	174	0	0	25	0	3
Madagascar	173				0			1
Malawi	1000		0	0	0			1
Malaysia	2343	1995	338			10		3
Mali	3737	0	0	0	0	0	0	1
Malta	0	0	0	0	0	0	0	1
Martinique	49							1

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER AND ECOSYSTEM SERVICES?**

**Table 26. Protection of soil and water 2015**

Country/Territory	Protection of soil and water (1 000 ha)						Tier status	
	Total*	...of which						
		Production of clean water	Coastal stabilization	Desertification control	Avalanche control	Erosion, flood protection		
Mauritania	39		r	39	0	r	1	
Mauritius	17	6	r	7	0	4	0	
Mayotte	6				0		r	
Mexico	122	22				100	1	
Monaco	0	0	0	0	0	0	0	
Mongolia	5168						3	
Morocco	5632		39		0	660	1	
Mozambique	8330						2	
Myanmar	26125						1	
Nauru	0	0	0	0	0	0	0	
Nepal	650						2	
Netherlands	5	5	0	0	0	0	3	
New Zealand	6742	600	67	0	0	44	0	
Nicaragua	180						3	
Niger	873			3			1	
Norway	4136						1	
Oman	r			r			1	
Pakistan	0						1	
Panama	92						3	
Paraguay			0		0		3	
Philippines	1865						2	
Poland	2169						3	
Portugal	380		43		0	337	3	
Qatar	0	0	0	0	0	0	0	
Republic of Korea	263	164	2	0	r	97	r	
Republic of Moldova	40						1	
Romania	2490	730	11	13	2	1398	336	
Russian Federation	86354	51669	24264	0	0	10420	0	
Rwanda	52						1	
Saint Lucia	10						3	
Saint Martin (French part)	r					r	2	
Saint Pierre and Miquelon	3						1	
Saint-Barthélemy	0	0	0	0	0	0	0	
San Marino	0	0	0	0	0	0	0	
Senegal	35						3	
Serbia	598	39	0	33	0	466	60	
Seychelles	7						2	
Sierra Leone	301	285	16				1	

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 26. Protection of soil and water 2015**

Country/Territory	Protection of soil and water (1 000 ha)							Tier status	
	Total*	...of which							
		Production of clean water	Coastal stabilization	Desertification control	Avalanche control	Erosion, flood protection	Other		
Singapore	3			0	0	0	0	1	
Slovakia	350	19	1		1	327	2	3	
Slovenia	237	131	7	0	1	36	62	2	
Solomon Islands	614							1	
Somalia	0		0	0	0	0	0	1	
South Africa	0	0	0	0	0	0	0	1	
Spain	3746							3	
Sri Lanka	257							3	
Sudan	2497		2	2495				1	
Suriname	142	0	142	0	0	0	0	2	
Svalbard and Jan Mayen Islands	0	0	0	0	0	0	0	3	
Swaziland	r						r	1	
Sweden			0	0	0	0		1	
Switzerland	596	7	0	0	90	345	123	3	
Tajikistan	211			50	58	103		3	
Thailand	15815							3	
Timor-Leste	271					222		1	
Togo	46							1	
Tokelau	0	0	0	0	0	0	0	1	
Tonga	1	1						1	
Tunisia	1041				0			1	
Turkey	2040	412	0	0	0	1628	0	3	
Tuvalu	0	0	0	0	0	0	0	1	
Ukraine	3219	51	342	0	0	2432	394	3	
United Arab Emirates		0	0	0	0	0	0	1	
United Kingdom	1362							1	
United Republic of Tanzania	9645	1600	148		2			1	
United States of America	211221						211221	3	
Uruguay	795	365	9	0	0			1	
Uzbekistan	2686	58	42	2586				2	
Venezuela (Bolivarian Republic of)	2975	4	0	0	0	0	2971	1	
Viet Nam	5200							2	
Wallis and Futuna Islands	1	r				1		1	
Yemen	549				0			1	
Zambia	0	0	0	0	0	0	0	1	
Zimbabwe	422	0	0	0	0	0	0	2	

\* Includes all areas designated for protection, regardless whether they are primarily designated or not.

\*\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 27. Ecosystem services, cultural or spiritual values 2015**

Country/Territory	Forest area (1 000 ha)					Tier status	
	Total*	...of which					
		Public recreation	Carbon storage or sequestration	Spiritual or cultural services	Other		
Algeria	5	5				1	
Australia	122734	30789		43723	48222	2	
Austria	35	35	0			3	
Bangladesh	40	40	0	0	0	3	
Belarus	1651	1649		2		3	
Belgium	683	0				3	
Benin	1259	0	0	0	0	1	
Bhutan	2755					3	
Botswana	0	0	0	0	0	2	
Brazil	133080	30659	32	102389		3	
Bulgaria	200					3	
Canada	323981			6792		2	
China	4910	1129		196	3584	3	
Croatia	45					1	
Cuba	15	14			1	2	
Cyprus	158					1	
Czech Republic	80	36	0	0	44	3	
Denmark	2	2	0	0	0	3	
Ecuador	6993					2	
Estonia	7		0			3	
Falkland Islands (Malvinas)**	0	0	0	0	0	1	
Faroe Islands	0	0	0	0	0	1	
Finland	1043	249	0	453	341	3	
Georgia	2			2		3	
Gibraltar	0	0	0	0	0	1	
Greenland	0	0	0	0	0	1	
Guadeloupe	r	r				2	
Guatemala	1573	615	954	4		3	
Guyana	2142				2142	3	
Holy See	0	0	0	0	0	1	
Hungary	40	15	0		25	2	
Iceland	49	7	18	0	0	3	

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 27. Ecosystem services, cultural or spiritual values 2015**

Country/Territory	Forest area (1 000 ha)					Tier status	
	Total*	...of which					
		Public recreation	Carbon storage or sequestration	Spiritual or cultural services	Other		
Indonesia	21930	268				2	
Iran (Islamic Republic of)	46					1	
Isle of Man	3					1	
Israel	6	6				3	
Jamaica	335	45		1		2	
Japan	226	93		14	119	3	
Kenya	4413	0	0	0	0	2	
Kyrgyzstan	637					3	
Lao People's Democratic Republic	5943					2	
Latvia	71	32	0		29	2	
Liechtenstein	1	1	0	0	0	1	
Lithuania	63	63	0	0	0	3	
Madagascar	1686					1	
Malawi	1000					1	
Malaysia	2466	681	0	0	1785	3	
Mali	3012	0	0	0	0	1	
Martinique	49					1	
Mauritania	0	0	0	0		1	
Mauritius	4					1	
Mayotte	6					1	
Mexico	4263					2	
Monaco	0	0	0	0	0	1	
Mongolia	2445					3	
Morocco	514	164	350			1	
Mozambique	37865					2	
Nauru	0	0	0	0	0	1	
Netherlands	40	38	3	0	0	3	
New Zealand	388		388			3	
Panama	1246					3	
Poland	785	557			228	2	
Qatar	0	0	0	0	0	1	
Republic of Korea	110	95		15		3	

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 27. Ecosystem services, cultural or spiritual values 2015**

Country/Territory	Forest area (1 000 ha)					Tier status	
	Total*	...of which					
		Public recreation	Carbon storage or sequestration	Spiritual or cultural services	Other		
Romania	450	380	1	9	60	1	
Russian Federation	108928	12317	0	1482	95129	3	
Saint Lucia	6	6				2	
Saint Pierre and Miquelon	3		3			1	
Saint-Barthélemy	0	0	0	0	0	1	
San Marino	0	0	0	0	0	1	
Serbia	164	5	0	152	7	2	
Sierra Leone	317	233	84			1	
Singapore	3		0	0	0	1	
Slovakia	106	24				3	
Slovenia	143	27		1	115	2	
Somalia	0	0	0	0	0	1	
South Africa	6531					2	
Sri Lanka	573					3	
Suriname			0			1	
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	
Swaziland	45	45				1	
Sweden	2236	2236				3	
Switzerland	22	22				3	
Tajikistan	65	65				2	
Thailand	0					1	
Tokelau	0	0	0	0	0	1	
Turkey	394	63	0	0	331	3	
Ukraine	4732	724		55		3	
United Arab Emirates		0	0	0	0	1	
United States of America	310095			65213		3	
Uzbekistan	535	75		460		2	
Venezuela (Bolivarian Republic of)	24313	9412	0	5214	9687	1	
Wallis and Futuna Islands	0	0	0	0	0	3	
Zambia	10680	0	10680	0	0	2	
Zimbabwe	0	0	0	0	0	1^	

\* Includes all areas designated for protection, regardless whether they are primarily designated or not.

\*\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 28. Protection and ecosystem services 1990–2015**

Country/Territory	Forest area (1 000 ha)										Tier trend		
	Protection of soil and water					Tier trend	Ecosystem services, cultural or spiritual values						
	1990	2000	2005	2010	2015		1990	2000	2005	2010			
Albania	87	97	131	131	131	1					1		
Algeria	969	1017	992	1392	1430	1					5		
Australia			25063	29808	3	127518	127665	126013	121308	122734	1		
Austria	3776	3838	3851	3860	3869	3	35	35	35	35	3		
Bangladesh	315	317	316	482	420	2	17	17	17	14	40		
Barbados			r	r	r	1							
Belarus			1475	1520	1591	3			1605	1638	1651		
Belgium	0	179	175	171	168	3	677	667	674	681	683		
Benin	2522	2522	2522	2522	2522	1	1259	1259	1259	1259	1259		
Bhutan	2507	2606	2656	2705	2755	3	2507	2606	2656	2705	2755		
Botswana	0	0	0	0	0	2	0	0	0	0	2		
Brazil	64979	60818	58602	56800	56800	1	24242	85499	116228	131686	133080		
Bulgaria	430	433	451	439	427	3	230	223	238	219	200		
Burkina Faso	6847	6248	5949	5649	5349	2	0	r	r	r	2		
Burundi	289	189	181	253	276	1							
Cambodia	11589	10320	9591	9022	8449	1							
Cameroon	300	703	697	593	489	1							
Canada	318289	317859	317652	317402	317189	1	325105	324665	324454	324199	323981		
Chad	11	14	15	17	18	1							
Chile		4834	5276	5832	6382	1							
China	18368	32947	52932	56360	58314	3	1600	2168	3787	4634	4910		
Comoros	42	42	41	38	36	1							
Croatia	53	68	75	82	73	1	10	24	31	38	45		
Cuba	802	1039	1260	1379	1579	2				17	15		
Cyprus	157	157	158	158	158	1	157	157	158	158	158		
Czech Republic	66	148	207	230	271	3	89	261	153	141	80		
Denmark	0	0	0	0	0	3	2	2	2	2	3		
Dominican Republic	540	803	951	1150	1203	2							
Ecuador	4108	4992	5081	5786	6993	2	4108	4992	5081	5786	6993		
Egypt	23	30	34	34	34	1							
El Salvador	21	19	17	16	14	1							
Estonia	153	256	208	139	138	3				6	7		
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0	0	0	0	1		
Faroe Islands	0	0	0	0	0	1	0	0	0	0	1		
Finland	1595	1596	1604	1632	1632	3		687	1013	1043	1043		
France				106			3782	3984	4026	4064	3		
French Guiana				188	188	3							
French Polynesia	3	3	3	3	3	1							

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 28. Protection and ecosystem services 1990–2015**

Country/Territory	Forest area (1 000 ha)										Tier trend		
	Protection of soil and water					Tier trend	Ecosystem services, cultural or spiritual values						
	1990	2000	2005	2010	2015		1990	2000	2005	2010			
Gabon	0	0	0	141	141	2							
Gambia	60	60	60	60	60	1							
Georgia		2200	2200	2200	2200	3	622	622	2	2	2		
Germany		2981	3737	4616		2							
Ghana	353	353	353	353	353	1							
Gibraltar	0	0	0	0	0	1	0	0	0	0	1		
Greenland	0	0	0	0	0	1	0	0	0	0	1		
Grenada	1	1	1	1	1	1							
Guadeloupe					32						r		
Guatemala	2959	2207	2035	1936	1840	3		702	1663	1578	1573		
Guinea	591	593	593	593	593	1							
Guyana				2223	2223	1				2142	2142		
Haiti	0	0	0	0	0	1							
Holy See	0	0	0	0	0	1	0	0	0	0	1		
Hungary	134	138	147	172	175	3	97	66	55	44	40		
Iceland	10	12	14	15	17	3	16	29	37	43	49		
Indonesia	30097	30097	30097	30097	30097	1				21930	21930		
Iran (Islamic Republic of)	7377	7627	8993	8993	8727	1	46	46	46	46	46		
Iraq	643	654	660	660	660	1							
Isle of Man	3	3	3	3	3	1	3	3	3	3	1		
Israel					15						6		
Italy	6973	7427	7654	7889	8124	3							
Jamaica	345	341	339	337	335	2	345	341	339	337	335		
Japan	7928	8528	10970	11605	11735	3	228	246	237	231	226		
Kenya	4724	3557	4047	4230	4413	2	4724	3557	4047	4230	4413		
Kyrgyzstan	836	858	869	677	637	2	836	858	869	677	637		
Lao People's Democratic Republic	5914	5619	6241	6650	7330	2	5446	4934	5088	5516	5943		
Latvia	51	71	122	131	141	2	312	85	75	72	71		
Liberia	0	0	0	0	0	1							
Libya	217	217	217	217	217	1							
Liechtenstein		2	2	2	2	1	1	1	1	1	1		
Lithuania	171	178	210	192	199	3	75	78	66	65	63		
Madagascar	188	181	178	174	173	1	1056	1056	1056	1550	1686		
Malawi	1000	1000	1000	1000	1000	1	1000	1000	1000	1000	1000		
Malaysia				2035	2343	3	0	0	0	2446	2466		
Mali	3737	3737	3737	3737	3737	1	3012	3012	3012	3012	3012		
Malta	0	0	0	0	0	1							
Martinique					49						49		

**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 28. Protection and ecosystem services 1990–2015**

Country/Territory	Forest area (1 000 ha)											Tier trend	
	Protection of soil and water					Tier trend	Ecosystem services, cultural or spiritual values						
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015		
Mauritania	18	33	34	35	39	1	0	0	0	0	0	1	
Mauritius	17	18	16	16	17	1	3	3	4	4	4	1	
Mayotte					6							6	
Mexico				97	122	1			196	2230	4263	2	
Monaco	0	0	0	0	0	1	0	0	0	0	0	1	
Mongolia					5168							2445	
Morocco	4954	4993	5401	5672	5632	1			104	150	514	1	
Mozambique			8902	8571	8330	2	43340	41150	40055	38960	37865	2	
Myanmar	5877	27439	31273	28584	26125	1							
Nauru	0	0	0	0	0	1	0	0	0	0	0	1	
Nepal	571	491	440	440	650	2							
Netherlands				5	5	3	0	0	38	39	40	3	
New Zealand	6583	6792	6718	6741	6742	3			1	142	388	3	
Nicaragua			238	180	180	3							
Niger	1723	1106	1042	973	873	1						2	
Norway	4136	4136	4136	4136	4136	2							
Oman					r								
Pakistan					0	1							
Panama	103	99	96	94	92	3	1246	1246	1246	1246	1246	3	
Paraguay				544									
Philippines	1630	1700	1688	1610	1865	1							
Poland	822	1770	2058	2128	2169	3	1599	1201	1093	790	785	2	
Portugal	310	310	354	380	380	3							
Qatar	0	0	0	0	0	1	0	0	0	0	0	1	
Republic of Korea	174	286	307	271	263	3	30	152	140	124	110	3	
Republic of Moldova	0	22	34	37	40	1							
Romania	1639	2478	2482	2543	2490	3	240	365	365	437	450	1	
Russian Federation	58695	70388	70556	85111	86354	2	73686	99573	99398	108025	108928	2	
Rwanda	31	35	52	52	52	1							
Saint Lucia	7	7	7	9	10	3	6	6	6	6	6	2	
Saint Martin (French part)					r								
Saint Pierre and Miquelon	3	3	3	3	3	1						3	
Saint-Barthélemy	0	0	0	0	0	1	0	0	0	0	0	1	
San Marino	0	0	0	0	0	1	0	0	0	0	0	1	
Senegal	40	38	37	36	35	3							
Serbia	125	286	586	177	598	2	52	64	69	68	164	2	
Seychelles	7	7	7	7	7	1							

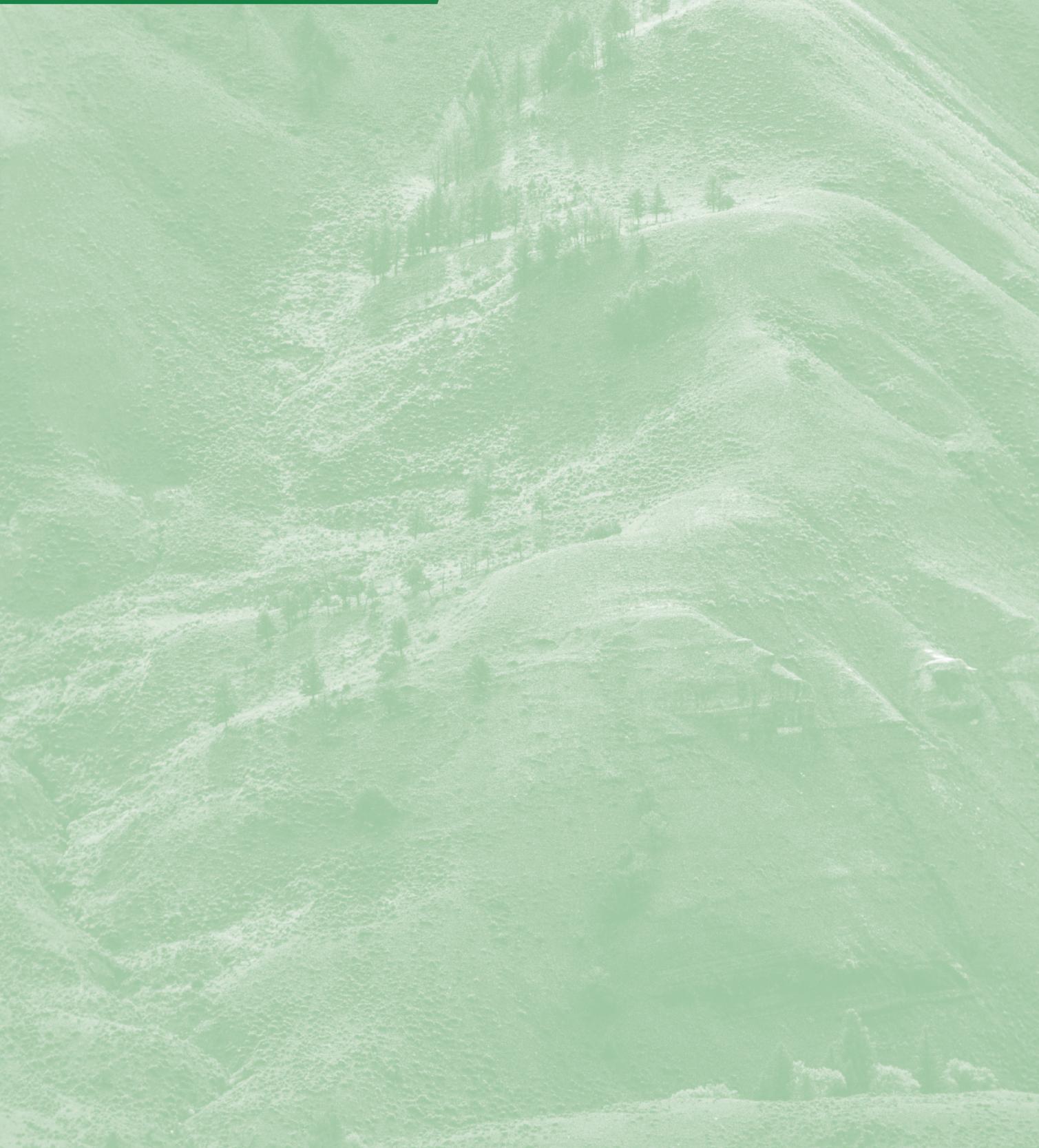
**QUESTION 5: HOW MUCH FOREST AREA IS MANAGED FOR PROTECTION OF SOIL AND WATER  
AND ECOSYSTEM SERVICES?**

**Table 28. Protection and ecosystem services 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Protection of soil and water					Tier trend	Ecosystem services, cultural or spiritual values					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Sierra Leone	301	301	301	301	301	1	308	308	308	308	317	1
Singapore	3	3	3	3	3	2	3	3	3	3	3	1
Slovakia	245	327	344	353	350	3	427	592	567	254	106	3
Slovenia	76	145	182	182	237	2			114	114	143	2
Solomon Islands	614	614	614	614	614	1						
Somalia	0	0	0	0	0	1	0	0	0	0	0	1
South Africa	0	0	0	0	0	1	6668	6570	6544	6531	6531	2
Spain	2842	3347	3408	3711	3746	3						
Sri Lanka	157	168	173	246	257	2	503	541	555	570	573	2
Sudan	3064	2837	2724	2611	2497	1						
Suriname	17	17	144	143	142	2						
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0	0	0	0	0	3
Swaziland	r	r	r	r	r	1	45	45	45	45	45	1
Sweden						1	837	2094	2159	2170	2236	3
Switzerland	547	567	578	587	596	3	21	21	22	22	22	1
Tajikistan	197	209	209	209	211	3	65	65	65	65	65	2
Thailand	14005	17011	16100	16774	15815	3	0	0	0	0	0	1
Timor-Leste	542	468	345	308	271	1						
Togo	46	46	46	46	46	1						
Tokelau	0	0	0	0	0	1	0	0	0	0	0	1
Tonga				1	1	1						
Tunisia	643	837	915	990	1041	1						
Turkey			1363	1781	2040	3			83	208	394	3
Tuvalu	0	0	0	0	0	1						
Ukraine		3146		3168	3219	3	1055	4940		4681	4732	3
United Kingdom		1061	1257	1347	1362	1						
United Republic of Tanzania	9645	9645	9655	9645	9645	1						
United States of America	185077	195670	199766	209125	211221	3	302450	303536	304757	308720	310095	3
Uruguay	601	751	752	765	795	1						
Uzbekistan	2540	2679	2748	2732	2686	2	506	533	547	544	535	2
Venezuela (Bolivarian Republic of)				3026	2975	1				24742	24313	1
Viet Nam	7000	5614	6172	4846	5200	3						
Wallis and Futuna Islands	r	1	1	1	1	1	0	0	0	0	0	3
Yemen	549	549	549	549	549	1						
Zambia	0	0	0	0	0	1	10680	10680	10680	10680	10680	2
Zimbabwe	665	567	518	469	422	2	0	0	0	0	0	1

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

# Biodiversity and conservation



**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY AND HOW HAS IT CHANGED OVER TIME?**

**Table 29. Conservation of biodiversity 1990–2015**

Country/Territory	Forest area designated for conservation of biodiversity (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Afghanistan	0	0	0	0	0	1	0.0		0.0		0.0	
Albania	17	52	40	31	40	1	3.6	12.0	-2.1	-5.1	1.8	5.2
Algeria	165	165	165	165	165	1	0.0	0.0	0.0	0.0	0.0	0.0
American Samoa	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Angola	1862	1862	1862	1862	1862	1	0.0	0.0	0.0	0.0	0.0	0.0
Argentina	1010	1157	1160	1160	1936	2	14.7	1.4	0.3	0.0	155.2	10.8
Australia		16430	18902	21909	26397	2			547.9	2.9	897.6	3.8
Austria		30	107	107	107	3			7.7	13.6	0.0	0.0
Bahrain	0	0	0	0	0	1	0.0		0.0		0.0	
Bangladesh	110	227	246	248	271	3	11.7	7.5	2.1	0.9	4.6	1.8
Barbados			r	r	r	1					0.0	0.0
Belarus	357	487	1181	1208	1369	3	13.0	3.2	72.1	9.5	32.3	2.5
Belgium	0	8	12	16	22	3	0.8		0.8	6.8	1.2	6.4
Belize				599	599	1					0.0	0.0
Benin	1093	1093	1093	1093	1093	3	0.0	0.0	0.0	0.0	0.0	0.0
Bhutan	242	242	242	241	241	3	0.0	0.0	0.0	0.0	0.0	0.0
Bolivia (Plurinational State of)	0	10680	10680	10680	10680	1	1068.0		0.0	0.0	0.0	427.2
Bosnia and Herzegovina	25	20	20	20	20	1	-0.5	-2.2	0.0	0.0	0.0	-0.2
Botswana	0	0	0	0	0	2	0.0		0.0		0.0	0.0
Brazil	18952	21491	33536	46841	46969	2	253.9	1.3	2535.0	8.1	25.6	0.1
Brunei Darussalam	75	81	81	81	81	1	0.6	0.8	0.0	0.0	0.0	0.2
Bulgaria	47	46	34	50		3	-0.1	-0.2	0.4	0.8		
Burkina Faso	576	575	574	573	573	1	-0.1	0.0	-0.2	0.0	0.0	-0.1
Burundi	103	103	103	140	156	1	0.0	0.0	3.7	3.1	3.2	2.1
Cabo Verde	0	9	9	9	9	3	0.9		0.0	0.0	0.0	0.4
Cambodia	2776	3381	3683	3985	4287	1	60.5	2.0	60.4	1.7	60.4	1.5
Cameroon	2251	2958	4281	3336	2391	1	70.7	2.8	37.8	1.2	-189.0	-6.4
Canada	23924	23924	23924	23924	23924	1	0.0	0.0	0.0	0.0	0.0	0.0
Central African Republic	167	247	247	247	247	1	8.0	4.0	0.0	0.0	0.0	3.2
Chad	1142	1142	1142	1142	1142	1	0.0	0.0	0.0	0.0	0.0	0.0
Chile	2210	2207	2320	2320	2256	1	-0.3	0.0	11.3	0.5	-12.8	-0.6
China	2978	4284	7487	9847	10433	3	130.6	3.7	556.3	8.7	117.3	1.2
Colombia	7199	7270	8426	9910	10523	3	7.1	0.1	264.0	3.1	122.7	1.2
Comoros	0	0	0	0	0	1	0.0		0.0		0.0	

#### **QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY AND HOW HAS IT CHANGED OVER TIME?**

**Table 29. Conservation of biodiversity 1990–2015**

Country/Territory	Forest area designated for conservation of biodiversity (1 000 ha)						Annual change rate						
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr
Congo	1001	994	990	986	986	1	-0.7	-0.1	-0.8	-0.1	0.0	0.0	-0.6
Cook Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Costa Rica			595	623	742	3					23.8	3.6	
Côte d'Ivoire	808	808	808	808	808	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Croatia	25	39	47	54	54	2	1.4	4.5	1.5	3.3	0.0	0.0	1.2
Cuba	515	570	595	633	531	1	5.5	1.0	6.3	1.1	-20.4	-3.5	0.6
Cyprus	1	3	3	3	3	3	0.3	16.1	0.0	0.0	0.0	0.0	0.1
Czech Republic	193	205	273	293	337	3	1.2	0.6	8.8	3.6	8.8	2.8	5.8
Democratic People's Republic of Korea	1129	1129	1129	1129	1129	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Democratic Republic of the Congo		19600	26314	26314	26314	1			671.4	3.0	0.0	0.0	
Denmark	5	22	35	36	36	3	1.7	16.0	1.4	5.0	0.0	0.0	1.2
Djibouti	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Dominican Republic	540	803	951	1150	1203	1	26.3	4.0	34.7	3.7	10.7	0.9	26.5
Ecuador	2549	3150	3185	3836	4989	3	60.1	2.1	68.6	2.0	230.6	5.4	97.6
Egypt	0	0	0	2	2	1	0.0		0.2		0.0	0.0	0.1
El Salvador	32	32	32	32	32	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equatorial Guinea		274	274	274	274	1			0.0	0.0	0.0	0.0	0.0
Eritrea		77	77	77	77	1			0.0	0.0	0.0	0.0	0.0
Estonia	127	137	179	226	238	3	1.0	0.8	8.9	5.1	2.4	1.0	4.4
Ethiopia	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Faroe Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Fiji	69	69	89	385	385	3	0.0	0.0	31.6	18.8	0.0	0.0	12.6
Finland	1399	2899	3194	3367	3367	3	150.0	7.6	46.8	1.5	0.0	0.0	78.7
France				3257									
French Guiana	0	435	435	2495	2578	3	43.5		206.0	19.1	16.6	0.7	103.1
French Polynesia			7	7	7	1					0.0	0.0	
Gabon	2902	2902	3007	3434	3857	3	0.0	0.0	53.2	1.7	84.6	2.4	38.2
Gambia	36	36	42	43	44	1	0.0	0.0	0.7	1.8	0.2	0.4	0.3
Georgia	0	0	0	0	0	3	0.0		0.0		0.0		0.0
Germany		2139	2807	2950	3000	3			81.1	3.3	10.0	0.3	
Ghana	43	43	130	130	130	3	0.0	0.0	8.7	11.7	0.0	0.0	3.5
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Greece	139	152	159	164	164	1	1.3	0.9	1.2	0.8	0.0	0.0	1.0

**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY AND HOW HAS IT CHANGED OVER TIME?**

**Table 29. Conservation of biodiversity 1990–2015**

Country/Territory	Forest area designated for conservation of biodiversity (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Greenland	0	0	0	0	0	1	0.0		0.0		0.0	
Grenada	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	14	14	54	14	24	3	0.0	0.1	0.0	0.0	1.8	10.3
Guam	0	0	0	0	0	1	0.0		0.0		0.0	
Guatemala	1558	1420	1277	1220	1151	1	-13.8	-0.9	-20.0	-1.5	-13.8	-1.2
Guinea	3006	3006	3006	3006	3006	1	0.0	0.0	0.0	0.0	0.0	0.0
Guinea-Bissau	463	756	940	1120	1120	1	29.3	5.0	36.4	4.0	0.0	26.3
Guyana	0	151	151	1880	1880	2	15.1		172.9	28.7	0.0	75.2
Haiti	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Holy See	0	0	0	0	0	1	0.0		0.0		0.0	
Honduras		2275	2275	2275	2275	1					0.0	0.0
Hungary	51	341	390	420	425	3	29.0	20.9	7.9	2.1	1.0	0.2
Iceland	0	0	0	0	0	3	0.0		0.0		0.0	
India	12740	13029	15600	16122	16122	3	28.9	0.2	309.3	2.2	0.0	135.3
Indonesia	19672	19649	19696	21233	21233	2	-2.3	0.0	158.4	0.8	0.1	62.4
Iran (Islamic Republic of)	153	153	153	153	419	1	0.0	0.0	0.0	0.0	53.2	22.3
Iraq	161	164	165	165	165	1	0.3	0.2	0.1	0.1	0.0	0.2
Ireland		45	45	45	45	1					0.0	0.0
Israel	27	27	27	27	26	3	0.0	0.0	0.0	0.0	-0.2	-0.8
Italy	645	2874	3062	3265	3265	3	222.9	16.1	39.1	1.3	0.0	104.8
Jamaica	73	73	72	72	72	2	-0.1	-0.1	0.0	-0.1	-0.1	0.0
Japan			4110									
Jordan	1	1	1	1	1	1	0.0	0.0	0.0	0.0	0.0	0.0
Kazakhstan	31	33	530	530	530	1	0.2	0.6	49.7	32.0	0.0	20.0
Kiribati	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0
Kuwait	0	0	0	0	0	1	0.0		0.0		0.0	
Kyrgyzstan	799	826	837	677	637	2	2.7	0.3	-14.9	-2.0	-8.0	-1.2
Lao People's Democratic Republic	3778	3601	3204	3051	2795	2	-17.7	-0.5	-55.1	-1.6	-51.2	-1.7
Latvia	507	498	482	488	508	2	-0.9	-0.2	-1.0	-0.2	3.9	0.8
Lebanon			4	4	4	1					0.0	0.0
Lesotho	0	0	0	0	0	1	0.0		0.0		0.0	
Liberia	175	175	198	198	198	2	0.0	0.0	2.3	1.2	0.0	0.9
Libya	0	0	0	0	0	1	0.0		0.0		0.0	
Liechtenstein	1	1	1	1	1	1	0.0	0.6	0.0	0.0	0.0	0.2

**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY AND HOW HAS IT CHANGED OVER TIME?**

**Table 29. Conservation of biodiversity 1990–2015**

Country/Territory	Forest area designated for conservation of biodiversity (1 000 ha)						Annual change rate						
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr
Lithuania	160	166	193	201	205	3	0.6	0.4	3.5	1.9	0.8	0.4	1.8
Luxembourg	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Madagascar	1700	3000	4752	4752	4913	1	130.0	5.8	175.2	4.7	32.2	0.7	128.5
Malawi	757	757	757	757	757	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malaysia	1120	1120	1120	1859	1859	3	0.0	0.0	73.9	5.2	0.0	0.0	29.6
Mali	4030	4030	4030	4030	4030	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Malta	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marshall Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Martinique			6	6	14	3					1.6	18.9	
Mauritania	48	48	48	48	48	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mauritius	9	9	7	7	7	2	0.0	0.2	-0.2	-2.7	0.0	0.6	-0.1
Mayotte	0	0	0	0	5	1	0.0		0.0		1.1		0.2
Mexico	3998	16520	22887	25468	28049	3	1252.3	15.2	894.7	4.4	516.2	1.9	962.0
Micronesia (Federated States of)	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Monaco	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Mongolia	6043	5539	5346	5152	5049	3	-50.4	-0.9	-38.7	-0.7	-20.6	-0.4	-39.8
Montenegro	27	27	27	43	43	2	0.0	0.0	1.6	4.8	0.0	0.0	0.6
Montserrat	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Morocco	94	362	482	618	772	3	26.8	14.4	25.6	5.5	30.8	4.6	27.1
Mozambique	4605	4373	4255	4143	9485	2	-23.2	-0.5	-23.0	-0.5	1068.4	18.0	195.2
Myanmar	720	1220	4901	2081	4466	3	50.0	5.4	86.1	5.5	477.0	16.5	149.8
Namibia	689	689	689	689	689	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nauru	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Nepal	391	548	526	526	590	1	15.7	3.4	-2.2	-0.4	12.8	2.3	8.0
Netherlands	1	4	4	4	4	2	0.3	21.5	0.0	0.0	0.0	0.0	0.1
New Caledonia	46	47	52	52	61	1	0.1	0.2	0.5	0.9	1.8	3.3	0.6
New Zealand	6583	6792	6718	6741	6742	2	20.9	0.3	-5.1	-0.1	0.2	0.0	6.4
Nicaragua		2029	2029	2029	2029	3			0.0	0.0	0.0		0.0
Niger	220	220	220	220	220	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	2509	2509	2509	2509	2509	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Northern Mariana Islands	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Norway	108	158	277	428	579	3	5.0	3.9	27.0	10.5	30.2	6.2	18.8
Oman	0	0	0	0	0	1	0.0		0.0		0.0		0.0
Pakistan	220	240	216	216	216	1	2.0	0.9	-2.4	-1.0	0.0	0.0	-0.2

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**Table 29. Conservation of biodiversity 1990–2015**

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	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015		1990–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Panama	1341	1341	1341	1341	1341	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Papua New Guinea	409	1376	1344	1312	1689	3	96.7	12.9	-6.4	-0.5	75.4	5.2	51.2	5.8
Paraguay	1850	1850	1850	2499	2499	1	0.0	0.0	64.9	3.1	0.0	0.0	26.0	1.2
Peru	4777	13321	18505	16977	19674	2	854.4	10.8	365.6	2.5	539.3	3.0	595.9	5.8
Philippines	524	562	566	547	643	2	3.8	0.7	-1.5	-0.3	19.2	3.3	4.8	0.8
Poland	181	403	452	3209	3241	3	22.2	8.3	280.6	23.1	6.4	0.2	122.4	12.2
Portugal			170	187	187	3					0.0	0.0		
Qatar	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Republic of Korea	11	17	33	114	140	3	0.6	4.4	9.7	21.0	5.2	4.2	5.2	10.7
Republic of Moldova	44	44	61	64	67	1	0.0	0.0	2.0	3.8	0.6	0.9	0.9	1.7
Réunion	16	20	25	25	25	1	0.4	2.3	0.5	2.3	0.0	0.0	0.4	1.8
Romania	197	308	309	317	318	3	11.1	4.6	0.9	0.3	0.2	0.1	4.8	1.9
Russian Federation	21170	25281	25840	26603	26511	2	411.2	1.8	132.1	0.5	-18.3	-0.1	213.7	0.9
Rwanda	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Saint Kitts and Nevis	0	0	0	11	11	2	0.0		1.1		0.0	0.0	0.4	
Saint Lucia	8	8	8	9	10	2	0.0	0.0	0.1	1.5	0.1	0.6	0.1	0.7
Saint Martin (French part)					1									
Saint Pierre and Miquelon	0	0	0	0	0	2	0.0		0.0		0.0		0.0	
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Samoa		29	29	29	29	1			0.0	0.0	0.0	0.0	0.0	
San Marino	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Saudi Arabia	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Senegal	1690	1609	1568	1532	1496	1	-8.1	-0.5	-7.7	-0.5	-7.2	-0.5	-7.8	-0.5
Serbia	123	125	128	126	163	3	0.2	0.2	0.1	0.1	7.4	5.3	1.6	1.1
Seychelles	2	2	2	2	3	2	0.0	0.0	0.0	0.0	0.2	8.4	0.0	1.6
Sierra Leone	1	112	112	187	243	3	11.1	60.3	7.5	5.3	11.2	5.4	9.7	24.6
Singapore	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Slovakia	80	81	81	81	87	3	0.1	0.1	0.0	0.0	1.2	1.4	0.3	0.3
Slovenia	5	5	59	59	61	2	0.0	0.0	5.4	27.8	0.2	0.4	2.2	10.4
Solomon Islands	492	492	492	492	492	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Somalia	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
South Africa	947	947	947	947	947	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Spain	1192	1962	1997	2270	2291	3	77.0	5.1	30.8	1.5	4.2	0.2	44.0	2.6
Sri Lanka	554	556	590	594	624	2	0.3	0.1	3.8	0.7	5.8	1.0	2.8	0.5

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Sudan	8485	7857	7543	7230	6916	1	-62.8	-0.8	-62.8	-0.8	-62.8	-0.9
Suriname	1765	1765	1765	1764	1764	1	0.0	0.0	0.0	0.0	0.0	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	
Swaziland	64	65	65	65	65	3	0.1	0.1	0.0	0.0	0.0	0.0
Sweden	837	3779	4317	4417	4573	3	294.2	16.3	63.8	1.6	31.2	0.7
Switzerland	64	66	67	68	69	1	0.2	0.3	0.2	0.3	0.2	0.2
Syrian Arab Republic	0	0	0	0		1	0.0		0.0			
Tajikistan	110	110	110	110	110	3	0.0	0.0	0.0	0.0	0.0	0.0
Thailand	6726	8707	8853	8853	10500	2	198.1	2.6	14.6	0.2	329.4	3.5
Timor-Leste	102	102	187	187	187	1	0.0	0.0	8.5	6.2	0.0	0.0
Togo	110	78	62	46		1	-3.2	-3.4	-3.2	-5.1		
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	
Tonga	7	7	7	7	7	1	0.0	0.0	0.0	0.0	-0.1	-1.1
Trinidad and Tobago	20	20	20	20		2	0.0	0.0	0.0	0.0		
Tunisia	25	31	37	37	75	3	0.6	2.2	0.6	1.8	7.6	15.2
Turkey	688	803	860	1069	1278	3	11.5	1.6	26.6	2.9	41.8	3.6
Turkmenistan	104	104	104	104	104	1	0.0	0.0	0.0	0.0	0.0	0.0
Tuvalu	0	0	0	0		1	0.0		0.0			
Uganda	1080	1080	1080	1080	1080	1	0.0	0.0	0.0	0.0	0.0	0.0
Ukraine	269	249	251	1356	1356	3	-2.0	-0.8	110.7	18.5	0.0	43.5
United Arab Emirates	0	0	0	0	0	1	0.0		0.0		0.0	
United Kingdom				290		1						
United Republic of Tanzania	2000	2000	2000	2000	2000	1	0.0	0.0	0.0	0.0	0.0	0.0
United States of America	60561	60715	60846	65050	64763	3	15.4	0.0	433.5	0.7	-57.4	-0.1
Uruguay	252	260	264	268	313	1	0.8	0.3	0.8	0.3	9.0	3.2
Uzbekistan	83	211	275	210	210	2	12.8	9.8	-0.1	0.0	0.0	5.1
Venezuela (Bolivarian Republic of)		15755	15755	24742	24313	1			898.7	4.6	-85.8	-0.3
Viet Nam	731	1570	1959	2002	2040	2	83.9	7.9	43.2	2.5	7.6	0.4
Wallis and Futuna Islands	0	0	0	0	1	1	0.0		0.0		0.1	
Yemen	0	0	0	0	0	1	0.0		0.0		0.0	
Zambia		10680	10680	10680	10680	1			0.0	0.0	0.0	
Zimbabwe	801	801	801	801	801	2	0.0	0.0	0.0	0.0	0.0	0.0

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

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**Table 30. Forest area within protected areas 1990–2015**

Country/Territory	Forest area within protected areas (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Albania	104	149	171	162		1	4.6	3.7	1.3	0.8		
Algeria	119	119	119	119	119	1	0.0	0.0	0.0	0.0	0.0	0.0
American Samoa	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Angola	1862	1862	1862	1862	1862	1	0.0	0.0	0.0	0.0	0.0	0.0
Argentina	1010	1157	1160	1160	1936	2	14.7	1.4	0.3	0.0	155.2	10.8
Australia		13915	17012	19011	21422	2			509.6	3.2	482.2	2.4
Austria		1019	659	659	659	3			-36.0	-4.3	0.0	0.0
Bangladesh	110	227	246	248	271	3	11.7	7.5	2.1	0.9	4.6	1.8
Belarus	357	487	1181	1208	1369	3	13.0	3.2	72.1	9.5	32.3	2.5
Belgium		27	27	26	26	3			-0.1	-0.3	0.0	0.0
Benin	2522	2522	2522	2522	2522	3	0.0	0.0	0.0	0.0	0.0	0.0
Bhutan	854	867	874	881	887	3	1.4	0.2	1.4	0.2	1.4	0.2
Bolivia (Plurinational State of)		10680	10680	10680	10680	2				0.0	0.0	
Botswana	13718	12535	11943	11351	10840	2	-118.3	-0.9	-118.4	-1.0	-102.2	-0.9
Brazil	95263	152652	185564	204737	206227	2	5738.9	4.8	5208.5	3.0	298.0	0.1
Brunei Darussalam	19	19	19	19	19	1	0.0	0.0	0.0	0.0	0.0	0.0
Bulgaria	132	245	279	572		3	11.3	6.4	32.7	8.8		
Burkina Faso	1032	1012	1002	992	983	1	-2.0	-0.2	-2.0	-0.2	-1.8	-0.2
Burundi	103	103	103	140	156	1	0.0	0.0	3.7	3.1	3.2	2.2
Cabo Verde	0	3	3	3	3	3	0.3		0.0	0.0	0.0	0.1
Cambodia	3277	3184	3138	3092	3092	1	-9.3	-0.3	-9.2	-0.3	0.0	-7.4
Cameroon	5253	6000	6373	9105	9105	1	74.7	1.3	310.5	4.3	0.0	0.0
Canada	23924	23924	23924	23924	23924	1	0.0	0.0	0.0	0.0	0.0	0.0
Central African Republic	167	247	247	247	247	1	8.0	4.0	0.0	0.0	0.0	3.2
Chile	3915	3915	3992	3992	3697	1	0.0	0.0	7.7	0.2	-59.0	-1.5
China	4640	16209	23831	27021	28097	2	1156.9	13.3	1081.2	5.2	215.1	0.8
Colombia	7199	7270	8426	9910	10523	3	7.1	0.1	264.0	3.1	122.7	1.2
Comoros	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Congo	1001	994	990	986	986	1	-0.7	-0.1	-0.8	-0.1	0.0	-0.6
Costa Rica					1355							
Côte d'Ivoire	808	808	808	808	808	1	0.0	0.0	0.0	0.0	0.0	0.0
Croatia	25	39	47	54	54	2	1.4	4.5	1.5	3.3	0.0	1.2
Cuba	333	394	494	576	648	1	6.1	1.7	18.2	3.9	14.4	2.4
Cyprus	3	14	17	17	17	3	1.1	16.4	0.3	1.9	0.0	0.6
Czech Republic		700	736	734	743	3			3.4	0.5	1.8	0.2

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							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Democratic People's Republic of Korea	1129	1129	1129	1129	1129	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Democratic Republic of the Congo				16297	24297	1					1600.0	8.3		
Denmark	5	22	35	36	36	3	1.7	16.0	1.4	5.0	0.0	0.0	1.2	8.2
Djibouti	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Ecuador	2549	3150	3185	3219	3254	3	60.1	2.1	6.9	0.2	6.9	0.2	28.2	1.0
Egypt	20	20	20	20	20	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
El Salvador	32	32	32	32	32	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equatorial Guinea	0	274	274	274	274	1	27.4		0.0	0.0	0.0		11.0	
Eritrea				55	55	1					0.0	0.0		
Estonia	127	141	185	228	239	3	1.4	1.1	8.7	4.9	2.2	0.9	4.5	2.6
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Fiji	304	304	304	56	56	3	0.0	0.0	-24.8	-15.6	0.0	0.0	-9.9	-6.5
Finland	1399	3622	3862	3929	3929	3	222.3	10.0	30.7	0.8	0.0	0.0	101.2	4.2
France				488										
French Guiana		4	4	2418	2341	3			241.4	89.7	-15.4	-0.6		
French Polynesia			7	7	7	1					0.0	0.0		
Gabon	2902	2902	3007	3434	3857	3	0.0	0.0	53.2	1.7	84.6	2.4	38.2	1.1
Gambia	36	36	42	43	44	1	0.0	0.0	0.7	1.8	0.2	0.4	0.3	0.8
Georgia		274	274	274	274	3			0.0	0.0	0.0	0.0	0.0	
Germany			2897	3306	3306	3					0.0	0.0		
Ghana	43	43	130	130	130	3	0.0	0.0	8.7	11.7	0.0	0.0	3.5	4.5
Gibraltar	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Greece	139	152	159	164	164	1	1.3	0.9	1.2	0.8	0.0	0.0	1.0	0.7
Grenada	2	2	2	2	2	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guadeloupe	14	14	14	14	24	3	0.0	0.1	0.0	0.0	1.8	10.3	0.4	2.0
Guatemala	2382	2207	2035	1936	1840	3	-17.5	-0.8	-27.1	-1.3	-19.2	-1.0	-21.7	-1.0
Guinea	242	242	242	242	242	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Guinea-Bissau		10	13			1								
Guyana		151	151	1880	1880	2			172.9	28.7	0.0	0.0		
Haiti	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Holy See	0	0	0	0	0	1	0.0		0.0		0.0		0.0	
Honduras			2335	2335	2335	1					0.0	0.0		
Hungary	51	338	424	872	875	3	28.7	20.8	53.4	9.9	0.6	0.1	33.0	12.0
Iceland	r	0	1	1	1	3	0.0	3.0	0.0	2.5	0.0	0.0	0.0	2.2

**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY  
AND HOW HAS IT CHANGED OVER TIME?**

**Table 30. Forest area within protected areas 1990–2015**

Country/Territory	Forest area within protected areas (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
India	12740	13029	15600	16122	16122	3	28.9	0.2	309.3	2.2	0.0	0.0
Indonesia	29862	29861	29855	32211	32211	2	-0.1	0.0	235.0	0.8	0.0	0.0
Iran (Islamic Republic of)			1069	1069	1069	2				0.0	0.0	
Ireland			7	7	7	1				0.0	0.0	
Israel	27	27	28	28	36	3	0.0	0.0	0.1	0.4	1.6	5.2
Italy	645	2874	3062	3265	3265	3	222.9	16.1	39.1	1.3	0.0	0.0
Jamaica	121	119	119	119	119	2	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
Japan				4110								
Jordan			35	35	35	1				0.0	0.0	
Kenya	411	315	412	522	583	2	-9.6	-2.6	20.7	5.2	12.2	2.2
Kyrgyzstan	2	51	56	78	78	2	4.9	38.7	2.7	4.3	0.0	0.0
Latvia	641	612	631	587	601	2	-2.9	-0.5	-2.5	-0.4	2.7	0.5
Lebanon	4	4	4	4	4	1	0.0	0.0	0.0	0.0	0.0	0.0
Lesotho	1	1	1	1	1	1	0.1	7.2	0.0	0.0	0.0	0.0
Liberia	175	175	198	198	198	2	0.0	0.0	2.3	1.2	0.0	0.9
Liechtenstein	4	4	4	4	4	1	0.0	0.6	0.0	0.0	0.0	0.2
Lithuania		395	424	454	460	3			5.9	1.4	1.2	0.3
Madagascar	1700	3000	4752	4752	4913	1	130.0	5.8	175.2	4.7	32.2	0.7
Malawi	757	757	757	757	757	1	0.0	0.0	0.0	0.0	0.0	0.0
Malaysia	3820	4030	4930	4867	5041	3	21.0	0.5	83.7	1.9	34.8	0.7
Mali	3900	3900	3900	3900	2953	1	0.0	0.0	0.0	0.0	-189.3	-5.4
Malta	r	r	r	r	r	1	0.0	0.0	0.0	0.0	0.0	0.0
Martinique			2	2	7	3				0.9	25.3	
Mauritius	11	11	15	15	15	2	0.0	0.0	0.4	2.9	0.0	0.1
Mayotte					2							
Mexico		3786	7219	8010	8800	3			422.4	7.8	158.1	1.9
Monaco	0	0	0	0	0	1	0.0		0.0		0.0	
Mongolia	6043	5539	5346	5152	5049	3	-50.4	-0.9	-38.7	-0.7	-20.6	-0.4
Montenegro	13	13	13	193	193	2	0.0	0.0	18.0	30.9	0.0	0.0
Montserrat	0	0	0	1	1	1	0.0		0.1		0.0	0.0
Morocco	94	106	226	376	420	2	1.2	1.2	27.0	13.5	8.8	2.2
Mozambique	4605	4373	4255	4143	9485	2	-23.2	-0.5	-23.0	-0.5	1068.4	18.0
Myanmar	720	1220	4901	2081	4466	3	50.0	5.4	86.1	5.5	477.0	16.5
Namibia	689	689	689	689	689	1	0.0	0.0	0.0	0.0	0.0	0.0

**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY  
AND HOW HAS IT CHANGED OVER TIME?**

**Table 30. Forest area within protected areas 1990–2015**

Country/Territory	Forest area within protected areas (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Nauru	0	0	0	0	0	1	0.0		0.0		0.0	
Nepal	391	548	526	526	590	1	15.7	3.4	-2.2	-0.4	12.8	2.3
Netherlands		80	84	87	90	1			0.7	0.8	0.6	0.7
New Zealand			3587	3607	3752	2					29.0	0.8
Nicaragua		992	992	992	992	3			0.0	0.0	0.0	0.0
Niger	220	220	220	220	220	1	0.0	0.0	0.0	0.0	0.0	0.0
Nigeria	2509	2509	2509	2509	2509	2	0.0	0.0	0.0	0.0	0.0	0.0
Norway	108	158	277	428	579	3	5.0	3.9	27.0	10.5	30.2	6.2
Panama				2016	2016	3					0.0	0.0
Papua New Guinea	313	313	313	313	1796	3	0.0	0.0	0.0	0.0	296.5	41.8
Paraguay				1884	1884	1					0.0	0.0
Peru				16439	18844	2					480.9	2.8
Philippines	1630	1700	1688	1610	1865	2	7.0	0.4	-9.0	-0.5	51.0	3.0
Poland	108	180	183	184	184	3	7.2	5.2	0.4	0.2	0.0	0.0
Portugal		681	697	673	673	3			-0.8	-0.1	0.0	0.0
Qatar	0	0	0	0	0	1	0.0		0.0		0.0	
Republic of Korea	444	443	713	706	699	3	-0.1	0.0	26.3	4.8	-1.4	-0.2
Republic of Moldova	44	44	61	64	67	1	0.0	0.0	2.0	3.8	0.6	0.9
Réunion	7	16	43	68	68	1	0.9	8.6	5.2	15.6	0.0	0.0
Romania	142	153	914	1746	2606	3	1.1	0.7	159.3	27.6	172.0	8.3
Russian Federation	11815	16190	16488	17572	17667	2	437.6	3.2	138.2	0.8	18.9	0.1
Rwanda	70	62	62	62	62	1	-0.8	-1.2	0.0	0.0	0.0	-0.3
Saint Kitts and Nevis	0	0	0	11	11	2	0.0		1.1		0.0	0.4
Saint Lucia	2	2	2	2	2	2	0.0	0.0	0.0	0.0	0.0	0.0
Saint Martin (French part)					r	2						
Saint Pierre and Miquelon	0	0	0	0	0	2	0.0		0.0		0.0	
Saint-Barthélemy	0	0	0	0	0	1	0.0		0.0		0.0	
San Marino	0	0	0	0	0	1	0.0		0.0		0.0	
Saudi Arabia				3	3	1					0.0	0.0
Senegal	1690	1609	1568	1532	1496	1	-8.1	-0.5	-7.7	-0.5	-7.2	-0.5
Serbia		239	380	452	501	3			21.3	6.6	9.8	2.1
Seychelles	18	18	19	20	20	2	0.0	0.0	0.2	1.1	0.0	0.1
Sierra Leone	1	112	112	187	243	3	11.1	60.3	7.5	5.3	11.2	5.4
Singapore	3	3	3	3	3	1	0.0	0.0	0.0	0.0	0.0	0.0

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**Table 30. Forest area within protected areas 1990–2015**

Country/Territory	Forest area within protected areas (1 000 ha)						Annual change rate					
	1990	2000	2005	2010	2015	Tier trend	1990–2000		2000–2010		2010–2015	
							1 000 ha/yr	%	1 000 ha/yr	%	1 000 ha/yr	%
Slovakia	944	845	889	1104	1132	3	-9.9	-1.1	25.9	2.7	5.6	0.5
Slovenia	228	238	239	241	179	1	1.0	0.4	0.3	0.1	-12.4	-5.8
Solomon Islands	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Somalia	0	0	0	0	0	1	0.0		0.0		0.0	0.0
South Africa	947	947	947	947	947	3	0.0	0.0	0.0	0.0	0.0	0.0
Spain	1333	2334	3178	3471	3503	3	100.2	5.8	113.6	4.0	6.5	0.2
Sudan	3254	3254	4709	4709	4709	1	0.0	0.0	145.5	3.8	0.0	0.0
Suriname	1794	1794	1893	1892	1890	1	-0.1	0.0	9.8	0.5	-0.3	0.0
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0.0		0.0		0.0	0.0
Swaziland	45	45	45	45	45	3	0.1	0.1	0.0	0.0	0.0	0.0
Sweden	679	1709	1772	1886	2000	3	103.0	9.7	17.7	1.0	22.8	1.2
Switzerland				58	58	3					0.0	0.0
Syrian Arab Republic	6	24	68	100		1	1.8	14.7	7.6	15.4		
Tajikistan	54	44	44	44	44	3	-1.0	-2.0	0.0	0.0	0.0	-0.4
Thailand	7134	9133	9394	9426	10624	3	199.9	2.5	29.3	0.3	239.6	2.4
Tokelau	0	0	0	0	0	1	0.0		0.0		0.0	0.0
Tonga					2							
Tunisia	19	21	24	71	75	3	0.2	1.0	5.0	13.0	0.8	1.1
Turkey	458	542	584	602	619	3	8.4	1.7	6.0	1.1	3.4	0.6
Uganda	731	731	731	731	731	1	0.0	0.0	0.0	0.0	0.0	0.0
Ukraine				1101	1130	3				5.8	0.5	
United Kingdom				290								
United Republic of Tanzania	2000	2000	2000	2000	2000	1	0.0	0.0	0.0	0.0	0.0	0.0
United States of America	19826	22995	28189	33384	32863	3	316.9	1.5	1038.9	3.8	-104.2	-0.3
Uruguay				10	33	3				4.5	25.8	
Uzbekistan	83	211	275	210	210	2	12.8	9.8	-0.1	0.0	0.0	5.1
Venezuela (Bolivarian Republic of)				24470	24046	1				-84.8	-0.3	
Viet Nam	731	1570	1959	2002	2040	2	83.9	7.9	43.2	2.5	7.6	0.4
Wallis and Futuna Islands	0	0	0	0	r	1	0.0		0.0		0.0	0.0
Yemen	0	0	30	31	31	1	0.0		3.1		0.0	0.0
Zambia	10680	10680	10680	10680	10680	1	0.0	0.0	0.0	0.0	0.0	0.0
Zimbabwe	801	801	801	801	801	2	0.0	0.0	0.0	0.0	0.0	0.0

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY  
AND HOW HAS IT CHANGED OVER TIME?**

**Table 31. Conservation and protected forest areas 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Conservation of biodiversity					Tier trend	Forest area within protected areas					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Afghanistan	0	0	0	0	0	1						1
Albania	17	52	40	31	40	1	104	149	171	162		1
Algeria	165	165	165	165	165	1	119	119	119	119	119	1
American Samoa	4	4	4	4	4	1	0	0	0	0	0	1
Angola	1862	1862	1862	1862	1862	1	1862	1862	1862	1862	1862	1
Argentina	1010	1157	1160	1160	1936	2	1010	1157	1160	1160	1936	2
Australia		16430	18902	21909	26397	2		13915	17012	19011	21422	2
Austria		30	107	107	107	3		1019	659	659	659	3
Bahrain	0	0	0	0	0	1						
Bangladesh	110	227	246	248	271	3	110	227	246	248	271	3
Barbados			r	r	r	1						
Belarus	357	487	1181	1208	1369	3	357	487	1181	1208	1369	3
Belgium	0	8	12	16	22	3		27	27	26	26	3
Belize				599	599	1						
Benin	1093	1093	1093	1093	1093	3	2522	2522	2522	2522	2522	3
Bhutan	242	242	242	241	241	3	854	867	874	881	887	3
Bolivia (Plurinational State of)	0	10680	10680	10680	10680	1		10680	10680	10680	10680	2
Bosnia and Herzegovina	25	20	20	20	20	1						
Botswana	0	0	0	0	0	2	13718	12535	11943	11351	10840	2
Brazil	18952	21491	33536	46841	46969	2	95263	152652	185564	204737	206227	2
Brunei Darussalam	75	81	81	81	81	1	19	19	19	19	19	1
Bulgaria	47	46	34	50		3	132	245	279	572		3
Burkina Faso	576	575	574	573	573	1	1032	1012	1002	992	983	1
Burundi	103	103	103	140	156	1	103	103	103	140	156	1
Cabo Verde	0	9	9	9	9	3	0	3	3	3	3	3
Cambodia	2776	3381	3683	3985	4287	1	3277	3184	3138	3092	3092	1
Cameroon	2251	2958	4281	3336	2391	1	5253	6000	6373	9105	9105	1
Canada	23924	23924	23924	23924	23924	1	23924	23924	23924	23924	23924	1
Central African Republic	167	247	247	247	247	1	167	247	247	247	247	1
Chad	1142	1142	1142	1142	1142	1						
Chile	2210	2207	2320	2320	2256	1	3915	3915	3992	3992	3697	1
China	2978	4284	7487	9847	10433	3	4640	16209	23831	27021	28097	2
Colombia	7199	7270	8426	9910	10523	3	7199	7270	8426	9910	10523	3
Comoros	0	0	0	0	0	1	0	0	0	0	0	1

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**Table 31. Conservation and protected forest areas 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Conservation of biodiversity					Tier trend	Forest area within protected areas					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Congo	1001	994	990	986	986	1	1001	994	990	986	986	1
Cook Islands	0	0	0	0	0	1						
Costa Rica			595	623	742	3					1355	3
Côte d'Ivoire	808	808	808	808	808	1	808	808	808	808	808	1
Croatia	25	39	47	54	54	2	25	39	47	54	54	2
Cuba	515	570	595	633	531	1	333	394	494	576	648	1
Cyprus	1	3	3	3	3	3	3	14	17	17	17	3
Czech Republic	193	205	273	293	337	3		700	736	734	743	3
Democratic People's Republic of Korea	1129	1129	1129	1129	1129	1	1129	1129	1129	1129	1129	1
Democratic Republic of the Congo		19600	26314	26314	26314	1				16297	24297	1
Denmark	5	22	35	36	36	3	5	22	35	36	36	3
Djibouti	0	0	0	0	0	1	0	0	0	0	0	1
Dominican Republic	540	803	951	1150	1203	1						
Ecuador	2549	3150	3185	3836	4989	3	2549	3150	3185	3219	3254	3
Egypt	0	0	0	2	2	1	20	20	20	20	20	1
El Salvador	32	32	32	32	32	1	32	32	32	32	32	1
Equatorial Guinea		274	274	274	274	1	0	274	274	274	274	1
Eritrea		77	77	77	77	1				55	55	1
Estonia	127	137	179	226	238	3	127	141	185	228	239	3
Ethiopia	0	0	0	0	0	1						
Falkland Islands (Malvinas)*	0	0	0	0	0	1	0	0	0	0	0	1
Faroe Islands	0	0	0	0	0	1						
Fiji	69	69	89	385	385	3	304	304	304	56	56	3
Finland	1399	2899	3194	3367	3367	3	1399	3622	3862	3929	3929	3
France				3257							488	
French Guiana	0	435	435	2495	2578	3		4	4	2418	2341	3
French Polynesia			7	7	7	1			7	7	7	1
Gabon	2902	2902	3007	3434	3857	3	2902	2902	3007	3434	3857	3
Gambia	36	36	42	43	44	1	36	36	42	43	44	1
Georgia	0	0	0	0	0	3		274	274	274	274	3
Germany		2139	2807	2950	3000	3			2897	3306	3306	3
Ghana	43	43	130	130	130	3	43	43	130	130	130	3
Gibraltar	0	0	0	0	0	1	0	0	0	0	0	1
Greece	139	152	159	164	164	1	139	152	159	164	164	1

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**Table 31. Conservation and protected forest areas 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Conservation of biodiversity					Tier trend	Forest area within protected areas					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Greenland	0	0	0	0	0	1						
Grenada	2	2	2	2	2	1	2	2	2	2	2	1
Guadeloupe	14	14	54	14	24	3	14	14	14	14	24	3
Guam	0	0	0	0	0	1						
Guatemala	1558	1420	1277	1220	1151	1	2382	2207	2035	1936	1840	3
Guinea	3006	3006	3006	3006	3006	1	242	242	242	242	242	1
Guinea-Bissau	463	756	940	1120	1120	1		10	13			1
Guyana	0	151	151	1880	1880	2		151	151	1880	1880	2
Haiti	4	4	4	4	4	1	4	4	4	4	4	1
Holy See	0	0	0	0	0	1	0	0	0	0	0	1
Honduras			2275	2275	2275	1			2335	2335	2335	1
Hungary	51	341	390	420	425	3	51	338	424	872	875	3
Iceland	0	0	0	0	0	3	r	0	1	1	1	3
India	12740	13029	15600	16122	16122	3	12740	13029	15600	16122	16122	3
Indonesia	19672	19649	19696	21233	21233	2	29862	29861	29855	32211	32211	2
Iran (Islamic Republic of)	153	153	153	153	419	1			1069	1069	1069	2
Iraq	161	164	165	165	165	1						
Ireland			45	45	45	1			7	7	7	1
Israel	27	27	27	27	26	3	27	27	28	28	36	3
Italy	645	2874	3062	3265	3265	3	645	2874	3062	3265	3265	3
Jamaica	73	73	72	72	72	2	121	119	119	119	119	2
Japan				4110						4110		
Jordan	1	1	1	1	1	1			35	35	35	1
Kazakhstan	31	33	530	530	530	1						
Kenya							411	315	412	522	583	2
Kiribati	r	r	r	r	r	1						1
Kuwait	0	0	0	0	0	1						
Kyrgyzstan	799	826	837	677	637	2	2	51	56	78	78	2
Lao People's Democratic Republic	3778	3601	3204	3051	2795	2						
Latvia	507	498	482	488	508	2	641	612	631	587	601	2
Lebanon			4	4	4	1	4	4	4	4	4	1
Lesotho	0	0	0	0	0	1	1	1	1	1	1	1
Liberia	175	175	198	198	198	2	175	175	198	198	198	2
Libya	0	0	0	0	0	1						

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**Table 31. Conservation and protected forest areas 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Conservation of biodiversity					Tier trend	Forest area within protected areas					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Liechtenstein	1	1	1	1	1	1	4	4	4	4	4	1
Lithuania	160	166	193	201	205	3		395	424	454	460	3
Luxembourg	0	0	0	0	0	1						
Madagascar	1700	3000	4752	4752	4913	1	1700	3000	4752	4752	4913	1
Malawi	757	757	757	757	757	1	757	757	757	757	757	1
Malaysia	1120	1120	1120	1859	1859	3	3820	4030	4930	4867	5041	3
Mali	4030	4030	4030	4030	4030	1	3900	3900	3900	3900	2953	1
Malta	r	r	r	r	r	1	r	r	r	r	r	1
Marshall Islands	0	0	0	0	0	1						
Martinique			6	6	14	3			2	2	7	3
Mauritania	48	48	48	48	48	1						
Mauritius	9	9	7	7	7	2	11	11	15	15	15	2
Mayotte	0	0	0	0	5	1						2
Mexico	3998	16520	22887	25468	28049	3		3786	7219	8010	8800	3
Micronesia (Federated States of)	0	0	0	0	0	1						
Monaco	0	0	0	0	0	1	0	0	0	0	0	1
Mongolia	6043	5539	5346	5152	5049	3	6043	5539	5346	5152	5049	3
Montenegro	27	27	27	43	43	2	13	13	13	193	193	2
Montserrat	0	0	0	0	0	1	0	0	0	1	1	1
Morocco	94	362	482	618	772	3	94	106	226	376	420	2
Mozambique	4605	4373	4255	4143	9485	2	4605	4373	4255	4143	9485	2
Myanmar	720	1220	4901	2081	4466	3	720	1220	4901	2081	4466	3
Namibia	689	689	689	689	689	1	689	689	689	689	689	1
Nauru	0	0	0	0	0	1	0	0	0	0	0	1
Nepal	391	548	526	526	590	1	391	548	526	526	590	1
Netherlands	1	4	4	4	4	2		80	84	87	90	1
New Caledonia	46	47	52	52	61	1						
New Zealand	6583	6792	6718	6741	6742	2		3587	3607	3752	3752	2
Nicaragua		2029	2029	2029	2029	3		992	992	992	992	3
Niger	220	220	220	220	220	1	220	220	220	220	220	1
Nigeria	2509	2509	2509	2509	2509	2	2509	2509	2509	2509	2509	2
Northern Mariana Islands	0	0	0	0	0	1						
Norway	108	158	277	428	579	3	108	158	277	428	579	3
Oman	0	0	0	0	0	1						

**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY  
AND HOW HAS IT CHANGED OVER TIME?**

**Table 31. Conservation and protected forest areas 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Conservation of biodiversity					Tier trend	Forest area within protected areas					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Pakistan	220	240	216	216	216	1						
Panama	1341	1341	1341	1341	1341	3				2016	2016	3
Papua New Guinea	409	1376	1344	1312	1689	3	313	313	313	313	1796	3
Paraguay	1850	1850	1850	2499	2499	1				1884	1884	1
Peru	4777	13321	18505	16977	19674	2				16439	18844	2
Philippines	524	562	566	547	643	2	1630	1700	1688	1610	1865	2
Poland	181	403	452	3209	3241	3	108	180	183	184	184	3
Portugal			170	187	187	3		681	697	673	673	3
Qatar	0	0	0	0	0	1	0	0	0	0	0	1
Republic of Korea	11	17	33	114	140	3	444	443	713	706	699	3
Republic of Moldova	44	44	61	64	67	1	44	44	61	64	67	1
Réunion	16	20	25	25	25	1	7	16	43	68	68	1
Romania	197	308	309	317	318	3	142	153	914	1746	2606	3
Russian Federation	21170	25281	25840	26603	26511	2	11815	16190	16488	17572	17667	2
Rwanda	0	0	0	0	0	1	70	62	62	62	62	1
Saint Kitts and Nevis	0	0	0	11	11	2	0	0	0	11	11	2
Saint Lucia	8	8	8	9	10	2	2	2	2	2	2	2
Saint Martin (French part)						1						r
Saint Pierre and Miquelon	0	0	0	0	0	2	0	0	0	0	0	2
Saint-Barthélemy	0	0	0	0	0	1	0	0	0	0	0	1
Samoa		29	29	29	29	1						
San Marino	0	0	0	0	0	1	0	0	0	0	0	1
Saudi Arabia	0	0	0	0	0	1				3	3	1
Senegal	1690	1609	1568	1532	1496	1	1690	1609	1568	1532	1496	1
Serbia	123	125	128	126	163	3		239	380	452	501	3
Seychelles	2	2	2	2	3	2	18	18	19	20	20	2
Sierra Leone	1	112	112	187	243	3	1	112	112	187	243	3
Singapore	3	3	3	3	3	1	3	3	3	3	3	1
Slovakia	80	81	81	81	87	3	944	845	889	1104	1132	3
Slovenia	5	5	59	59	61	2	228	238	239	241	179	1
Solomon Islands	492	492	492	492	492	1	0	0	0	0	0	1
Somalia	0	0	0	0	0	1	0	0	0	0	0	1
South Africa	947	947	947	947	947	3	947	947	947	947	947	3
Spain	1192	1962	1997	2270	2291	3	1333	2334	3178	3471	3503	3

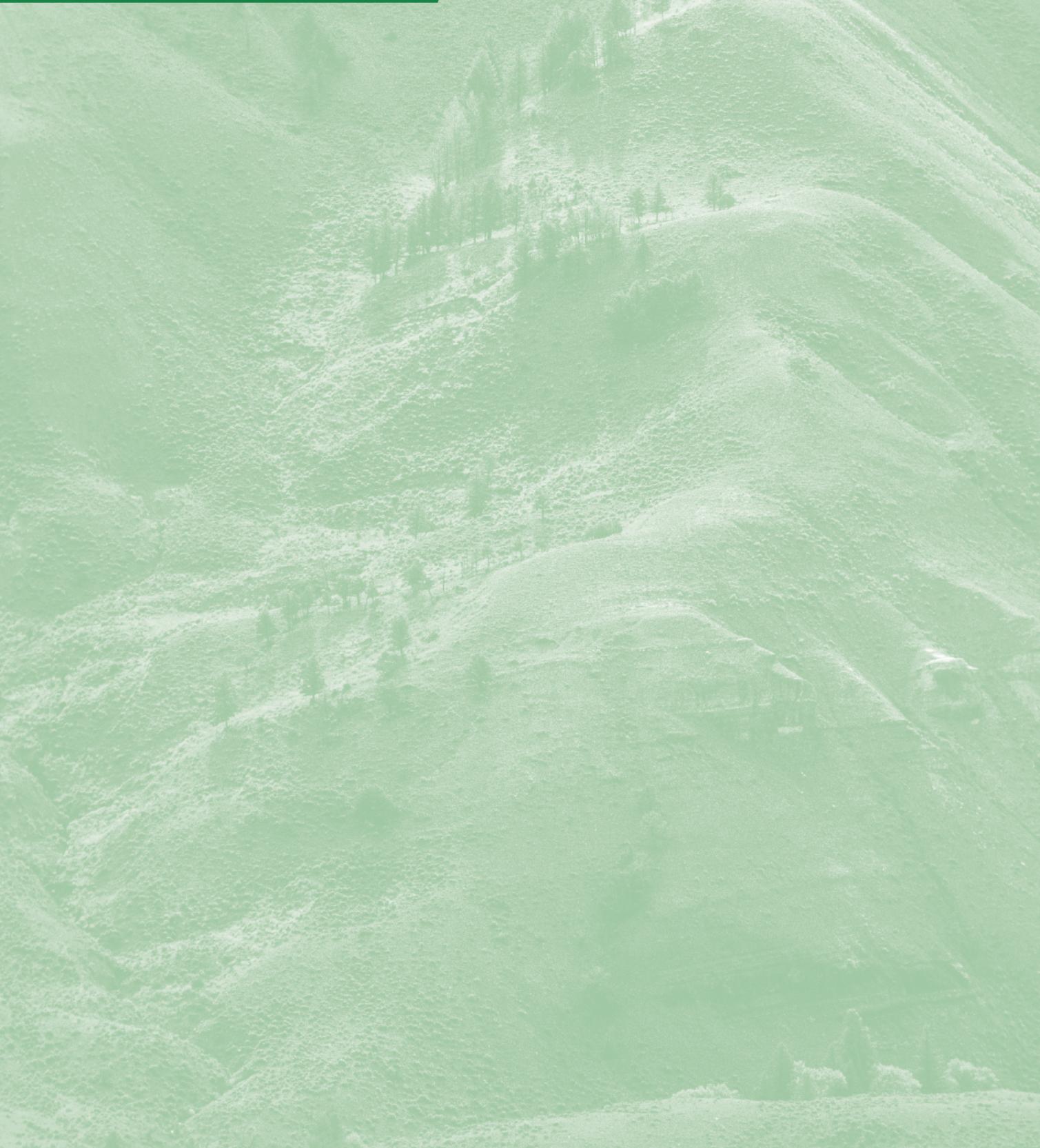
**QUESTION 6: HOW MUCH FOREST AREA IS PROTECTED AND DESIGNATED FOR THE CONSERVATION OF BIODIVERSITY AND HOW HAS IT CHANGED OVER TIME?**

**Table 31. Conservation and protected forest areas 1990–2015**

Country/Territory	Forest area (1 000 ha)											
	Conservation of biodiversity					Tier trend	Forest area within protected areas					Tier trend
	1990	2000	2005	2010	2015		1990	2000	2005	2010	2015	
Sri Lanka	554	556	590	594	624	2						
Sudan	8485	7857	7543	7230	6916	1	3254	3254	4709	4709	4709	1
Suriname	1765	1765	1765	1764	1764	1	1794	1794	1893	1892	1890	1
Svalbard and Jan Mayen Islands	0	0	0	0	0	3	0	0	0	0	0	3
Swaziland	64	65	65	65	65	3	45	45	45	45	45	3
Sweden	837	3779	4317	4417	4573	3	679	1709	1772	1886	2000	3
Switzerland	64	66	67	68	69	1				58	58	3
Syrian Arab Republic	0	0	0	0		1	6	24	68	100		1
Tajikistan	110	110	110	110	110	3	54	44	44	44	44	3
Thailand	6726	8707	8853	8853	10500	2	7134	9133	9394	9426	10624	3
Timor-Leste	102	102	187	187	187	1						
Togo	110	78	62	46		1						
Tokelau	0	0	0	0	0	1	0	0	0	0	0	1
Tonga	7	7	7	7	7	1						2
Trinidad and Tobago	20	20	20	20		2						
Tunisia	25	31	37	37	75	3	19	21	24	71	75	3
Turkey	688	803	860	1069	1278	3	458	542	584	602	619	3
Turkmenistan	104	104	104	104	104	1						1
Tuvalu	0	0	0	0		1						
Uganda	1080	1080	1080	1080	1080		731	731	731	731	731	1
Ukraine	269	249	251	1356	1356	3				1101	1130	3
United Arab Emirates	0	0	0	0	0	1						1
United Kingdom				290						290		
United Republic of Tanzania	2000	2000	2000	2000	2000	1	2000	2000	2000	2000	2000	1
United States of America	60561	60715	60846	65050	64763	3	19826	22995	28189	33384	32863	3
Uruguay	252	260	264	268	313	1				10	33	3
Uzbekistan	83	211	275	210	210	2	83	211	275	210	210	2
Venezuela (Bolivarian Republic of)		15755	15755	24742	24313	1				24470	24046	1
Viet Nam	731	1570	1959	2002	2040	2	731	1570	1959	2002	2040	2
Wallis and Futuna Islands	0	0	0	0	1	1	0	0	0	0	r	1
Yemen	0	0	0	0	0	1	0	0	30	31	31	1
Zambia		10680	10680	10680	10680	1	10680	10680	10680	10680	10680	1
Zimbabwe	801	801	801	801	801	2	801	801	801	801	801	2

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

# Disturbance



**QUESTION 7: WHAT IS THE AREA OF FOREST AFFECTED BY WOODY INVASIVE SPECIES?**

**Table 32. Area affected by woody invasive species 2005-2010**

Country/Territory	Forest area affected by woody invasive species (1 000 ha)				Annual change rate	
	2005	2010	Tier status	Tier trend	2005-2010	
					1 000 ha/yr	%
Austria	91	105	3	3	2.8	2.9
Belgium	15	15	3	3	0.0	0.0
Botswana	5	5	1	1	0.0	0.0
China	130	54	3	1	-15.1	-16.0
Croatia	32	35	1	1	0.6	1.9
Cuba	41	110	1	1	13.8	21.8
Cyprus	1	1	1	1	0.0	0.0
Denmark	32	28	3	3	-0.8	-2.6
French Polynesia	85		1			
Germany		68	1			
Ghana	38	54	1	1	3.1	7.0
Gibraltar	0	0	1	1	0.0	
Guadeloupe		2	1			
Guyana	0	0	3	2	0.0	
Holy See	0	0	1	1	0.0	
Hungary	16	19	3	3	0.6	3.5
Indonesia	25	65	3	3	8.0	21.1
Iran (Islamic Republic of)	90	100	1	1	2.0	2.1
Ireland	35	37	3	3	0.5	1.3
Israel	1	1	1	1	0.0	1.5
Italy	384	384	3	1	0.0	0.0
Jamaica	25		1			
Japan	r		1			
Lebanon	0	0	3	1	0.0	
Madagascar	0	0	1	1	0.0	
Martinique	2		2			
Mauritania	69	79	1	1	2.0	2.7
Mauritius	4		1			
Monaco	0	0	1	1	0.0	

**QUESTION 7: WHAT IS THE AREA OF FOREST AFFECTED BY WOODY INVASIVE SPECIES?**

**Table 32. Area affected by woody invasive species 2005–2010**

Country/Territory	Forest area affected by woody invasive species (1 000 ha)				Annual change rate	
	2005	2010	Tier status	Tier trend	2005–2010	
					1 000 ha/yr	%
Montenegro	0	1	2	2	0.1	
Morocco	0	0	1	1	0.0	
Netherlands	162	167	3	3	1.0	0.6
Norway	0	0	3	3	0.0	
Oman		4				
Portugal	44	45	3	3	0.1	0.3
Qatar	0	0	1	1	0.0	
Réunion	41		2			
Romania		120	2	2		
Russian Federation	63	66	2	1	0.5	0.7
San Marino	0	0	1	1	0.0	
Serbia	30	39	3	3	1.8	5.4
Seychelles	8	8	1	1	0.0	0.0
Slovakia	33	34	3	3	0.2	0.5
Slovenia	9	9	2	2	0.0	-0.3
South Africa	12	86	2	2	14.9	48.8
Spain	6	6	3	3	0.0	0.7
Sudan	1551	667	2	1	-176.8	-15.5
Svalbard and Jan Mayen Islands	0	0	3	3	0.0	
Swaziland	0	2781	2	1	556.2	
Sweden	0	0	3	3	0.0	
Switzerland	0	0	3	3	0.0	
Tonga	r	r	1	1	0.0	8.4
Tunisia	0		1			
Ukraine		27	2	2		
United States of America		74221	3			
Wallis and Futuna Islands	1	1	1	2	0.0	1.5

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 33. Total land area burned 2003–2012**

Country/Territory	Land area burned* (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Afghanistan	123	57	24	9	21	11	11	110	14	9
Albania	10	1	9	1	85	21	4	7	37	24
Algeria	12	32	28	17	48	26	26	31	20	83
Angola	37651	38771	34494	33396	34044	32081	30611	34834	31211	29282
Argentina	3	565	993	747	257	610	844	223	283	
Armenia	4	r	r	r	r	r	19	1	r	r
Australia				37788	32168	23980	29388	10341	56809	42834
Austria								r	r	r
Azerbaijan	247	278	88	308	129	88	65	277	92	64
Bahamas	r	1	r	r	r	2	1	r	1	r
Bangladesh	76	100	111	102	85	49	79	23	38	73
Barbados	0	0	0	r	r	0	0	r	0	r
Belgium	r	0	0	r	r	0	0	r	2	0
Belize	13	r	9	1	4	3	3	4	7	1
Benin	1932	1767	2172	2088	1676	1428	1466	1297	1128	743
Bhutan	1	2	1	3	6	2	1	4	3	5
Bolivia (Plurinational State of)	2165	3285	4098	2930	2676	1755	596	5407	1116	1398
Bosnia and Herzegovina	69	2	2	7	18	8	r	13	16	44
Botswana	417	766	437	3699	1131	4034	1195	5951	6427	2383
Brazil			0	0	0	0	0	0		
Bulgaria	84	106	37	207	259	227	78	118	142	254
Burkina Faso	3745	3034	3865	3069	2604	2864	2931	3141	2436	1163
Burundi	110	112	76	34	23	36	49	52	20	28
Cabo Verde	1	r	r	r	r	r	1	r	r	r
Cambodia	1031	1692	1309	1067	1476	1130	881	593	1163	252
Cameroon	4449	3935	3681	4170	3905	3067	6373	2954	2614	1967
Canada	1743	3184	1672	2256	1544	1721	781	3055	2434	2005
Central African Republic	17798	14219	15598	15599	15180	14558	11740	12139	12717	8176
Chad	12992	12607	12983	11717	11593	11061	9011	9456	9754	6143
Chile	42	51	65	19	43	42	64	58	47	90
China	1124	344	291	562	125	185	214	116	63	43
Colombia	24	41	23	13	187	4	32	91	44	61
Comoros	1	r	r		r	2	r	1	r	r
Congo	585	633	671	778	760	550	842	554	818	1085
Costa Rica	33	35	15	15	32	23	14	19	10	35
Côte d'Ivoire	2246	825	1716	2432	1668	1974	2021	1128	1408	1012
Croatia	27	5	3	5	20	7	3	1	16	25
Cuba	85	289	239	346	102	144	186	144	223	76
Cyprus	2	1	2	1	5	3	1	3	2	3
Democratic People's Republic of Korea	21	35	33	14	14	31	48	7	69	10

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 33. Total land area burned 2003–2012**

Country/Territory	Land area burned* (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Democratic Republic of the Congo	28179	33898	31846	32884	24114	27275	27575	29766	23741	21439
Denmark	0	0	0	0	0	0	0	0	0	0
Dominican Republic	6	18	25	3	2	7	3	4	4	2
Ecuador	26	2	5	23	r	r	3	r	1	21
Egypt	19	53	38	58	56	59	88	92	52	28
El Salvador	17	17	16	15	7	2	6	5	3	5
Equatorial Guinea	0	0	r	0	r	0	0	0	0	0
Eritrea	58	33	29	54	118	88	13	10	18	14
Ethiopia	7016	7114	8148	5988	7053	6010	6256	5198	4949	5751
French Guiana	0	0	0	0	0	0	0	0	0	0
Faroe Islands	0	0	0	0	0	0	0	0	0	0
Gabon	36	109	48	71	82	60	121	27	111	207
Gambia	113	161	167	250	202	197	210	134	121	151
Germany	27	3	4	1	2	1	5	1	4	3
Ghana	5815	3421	6022	5883	4141	5352	5623	4222	4666	3259
Greece	13	47	26	22	226	59	48	8	56	43
Greenland	0	0	0	0	0	0	0	0	0	0
Guadeloupe		r		r		r		r	r	
Guam	0	0	0	r	r	0	0	r	0	0
Guatemala	83	7	92	14	56	28	19	9	21	7
Guinea	2617	1738	2021	2583	2433	2737	2657	2067	1738	1866
Guinea-Bissau	244	100	176	164	157	124	150	86	58	118
Guyana	1	1	2	r	r	r	1	1	r	1
Haiti	2	7	5	11	7	8	5	2	5	3
Honduras	96	15	66	32	16	18	54	11	38	9
Hungary	29	27	6	9	19	25	25	6	10	70
Iceland				7	r	r	0	r	0	r
Indonesia	125	238	104	370	169	128	176	32	106	136
Iran (Islamic Republic of)	166	183	114	158	295	21	143	643	99	61
Iraq	132	59	40	60	116	92	83	223	61	74
Isle of Man							r			
Israel	10	9	9	7	5	2	2	6	r	6
Italy	92	60	48	40	228	66	73	47	72	131
Jamaica	29	29	27	29	29	29	25	26	27	
Jordan	r	r	r					r	r	
Kazakhstan	6459	9154	8563	9987	6522	8356	3551	9634	2350	5357
Kenya	352	148	163	73	413	146	108	73	113	878
Kiribati	0	0	0	0	0	0	0	0	0	0
Kuwait	2						r			
Kyrgyzstan	39	41	55	81	78	21	25	16	40	6

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 33. Total land area burned 2003–2012**

Country/Territory	Land area burned* (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Lao People's Democratic Republic	74	268	166	99	291	47	118	312	38	77
Latvia	1	r	r	4	r	r	1	r	r	r
Lebanon	1	r	r	5	1	r	3	1	r	1
Lesotho	156	33	84	19	124	19	30	70	8	9
Liberia	2	1	r	1	1	2	1	r	2	2
Libya	58	1	2	1	139	1	9	1	1	r
Lithuania		13	4	34	3	5	13	6	5	5
Luxembourg	0	0	0	0	0	0	0	0	0	0
Madagascar	546	42	356	456	320	169	424	496	188	124
Malawi	594	490	582	502	531	553	392	476	465	488
Malaysia	1	1	2	1	1	r	2	2	r	r
Mali	5443	5159	5967	6214	5648	6960	4778	5747	3998	2433
Martinique								43		
Mauritania	39	167	140	244	675	357	326	314	18	132
Mauritius	r	r	r	r	r	r	r	r	r	r
Mexico	322	81	276	247	142	232	296	115	956	347
Mongolia	r	r	r	r	1	r	r	r	r	r
Morocco	39	42	68	60	11	19	107	78	13	13
Mozambique	9675	9676	8752	8730	10434	10191	10240	10748	9889	8817
Myanmar	1179	2728	1877	1421	2258	1018	2026	2919	1180	1122
Namibia	4206	4018	4018	5174	6091	3721	7247	6154	6618	6922
Nepal	26	48	58	39	19	41	79	33	39	70
Netherlands	r	r	r	r	r	r	r	r	r	r
New Zealand	7	5	4	4	7	5	4	4	2	4
Nicaragua	111	62	85	49	46	22	51	26	29	40
Niger	240	137	211	158	225	184	172	284	151	121
Nigeria	8228	7821	7226	7222	8897	4492	5113	4444	3664	3103
Northern Mariana Islands							r	r		r
Oman	0	0	r	r	0	1	r	1	r	r
Pakistan	84	218	304	81	154	179	441	279	169	57
Panama	18	8	6	8	9	3	4	2	2	2
Papua New Guinea	42	84	10	41	17	32	14	32	7	5
Paraguay	2760	1883	3289	1978	3844	1421	808	108		
Peru	2	r	81	2	3	12	1	3	1	19
Philippines	75	33	67	64	78	6	34	109	9	25
Poland	131	43	41	35	20	23	17	12	19	47
Portugal	426	130	339	76	33	18	87	133	74	110
Republic of Moldova	10	16	19	38	59	85	35	36	35	29
Romania	43	85	40	112	215	542	154	176	286	376
Russian Federation	3575	680	1146	2450	1620	2535	2593	2475	1674	2372

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 33. Total land area burned 2003–2012**

Country/Territory	Land area burned* (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Rwanda	37	35	29	18	1	11	9	29	9	25
Saint Vincent and the Grenadines	r		r	r						
Sao Tome and Principe	0	0	0	0	0	0	0	0	0	r
Saudi Arabia	9	21	29	23	14	5	5	4	3	1
Senegal	110	161	168	251	199	173	184	101	188	90
Serbia	r	r	r	r	34	1	1	1	3	13
Sierra Leone	143	215	286	358	430	502	573	645	717	717
Slovenia	3	r	1	2	1	1	1	r	1	1
Somalia	58	17	33	6	45	21	4	11	2	110
South Africa	3734	3540	5698	5041	4367	4613	4294	5445	5051	3949
Spain	148	134	189	155	86	50	120	55	84	210
Sudan	37267	37361	43167	34442	38852	37668	37418	27779	34021	27469
Suriname	r	10	r	8	r	1	7	r	r	r
Swaziland	47	64	87	47	118	94	56	132	84	73
Sweden	4	2	2	6	1	6	1	1	1	
Syrian Arab Republic	88	40	28	38	30	5	73	97	21	15
Tajikistan	2	2	3	1	1	2	3	2	2	2
Thailand	716	1558	1461	585	976	306	419	469	189	261
The former Yugoslav Republic of Macedonia	5	6	8	6	45	15	1	8	30	18
Timor-Leste	8	17	9	22	11	10	12	r	3	5
Togo	801	404	977	948	415	655	698	549	681	305
Trinidad and Tobago	1	r		r	1		r	1		
Tunisia	r	r	r	r	2	1	r	1	2	3
Turkey	7	5	3	8	12	30	5	3	4	11
Turkmenistan	256	333	174	49	223	33	91	281	14	51
Turks and Caicos Islands	r				r	r				
Uganda	3260	2266	4944	681	3734	3366	1820	2671	1633	3540
Ukraine	3	1	2	4	14	7	7	4	1	4
United Arab Emirates						r				
United Kingdom	12	r	2	1	9	1	1	1	6	1
United Republic of Tanzania	12549	12874	12174	9139	10840	10831	11042	12019	9036	9368
United States of America	1708	3197	3857	3820	3640	1937	3058	1687		
Uruguay	31	38	20	22	15	45	15	24	16	12
Uzbekistan	r	r	r	r	r	r	r	r	r	r
Venezuela (Bolivarian Republic of)	108	80	69	41	95	47	23	115	5	5
Viet Nam	176	397	236	120	258	61	115	217	47	75
Western Sahara					r			r		
Yemen	r	r	0	r	r	0	r	0	r	r
Zambia	19012	18642	20059	17813	17772	18505	14291	17237	15491	16017
Zimbabwe	500	921	472	907	852	869	964	1152	714	1300

\*Includes forest area burned.

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 34. Total forest area burned 2003-2012**

Country/Territory	Forest area burned (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Afghanistan	0.0	r	0.0	r	0.1	0.1	0.2	r	0.1	0.0
Albania	0.2	r	r	0.1	5.9	0.4	0.1	0.7	1.8	4.4
Algeria	5.4	7.0	14.3	8.6	23.5	10.6	11.8	11.0	9.0	48.8
Angola	4931.8	3536.2	3938.8	3635.9	4628.8	4269.2	4128.8	5014.4	4114.4	3828.9
Argentina	1.2	92.0	225.0	151.0	35.0	110.0	126.0	53.0	58.0	
Armenia	0.4	r	r	0.3	r	r	r	0.8	0.4	0.2
Australia				8455.0	6655.0	5814.0	10230.0	2544.0	8491.0	10131
Austria	0.2	r	r	0.1	0.1	r	0.1	0.1	0.1	0.1
Azerbaijan	0.9	1.5	0.5	1.5	0.2	0.5	0.3	2.3	0.1	0.3
Bahamas	0.0	0.3	0.1	0.4	0.1	0.6	0.2	0.2	0.5	r
Bangladesh	10.0	6.8	12.9	42.4	25.9	7.1	16.2	9.5	7.5	26.7
Barbados	0.0	0.0	0.0	r	0.0	0.0	0.0	0.0	0.0	r
Belarus	4.4	510.5	344.6	2506.9	758.8	440.5	1709.5	424.0	156.0	189.0
Belgium	r	0.0	0.0	r	r	0.0	0.0	r	0.1	0.0
Belize	4.8	r	3.6	0.3	1.2	1.6	0.4	1.3	4.4	0.3
Benin	0.5	0.1	0.1	0.4	1.3	0.3	1.4	0.1	0.3	0.1
Bhutan	0.3	0.4	0.1	0.9	3.2	0.7	0.3	1.2	1.1	2.0
Bolivia (Plurinational State of)	323.6	1134.0	561.6	836.7	903.3	466.3	72.9	1350.4	193.6	327.5
Bosnia and Herzegovina	6.9	0.5	1.6	3.0	0.7	2.8	0.2	11.1	2.5	7.9
Botswana	5.6	0.4	0.8	1.2	2.6	0.5	0.8	2.6	0.9	0.3
Brazil			0.0	0.0	0.0	0.0	0.0	0.0		
Bulgaria	5.0	1.1	1.5	3.5	43.0	5.3	2.3	6.5	6.9	12.7
Burundi	4.6	2.5	0.8	4.9	4.4	0.5	3.3	1.3	0.5	0.4
Cambodia	155.4	83.2	153.4	143.7	316.6	189.3	243.7	22.4	50.8	14.6
Cameroon	136.9	21.4	29.5	82.8	94.0	18.6	67.8	40.5	40.6	18.5
Canada	1743.0	3184.0	1672.0	2256.0	1544.0	1721.0	781.0	3055.0	2434.0	2005.0
Central African Republic	666.3	147.5	179.2	594.7	906.7	145.1	384.7	170.1	188.9	91.1
Chad	10.8	5.3	21.6	10.5	26.4	7.4	33.6	9.3	12.6	7.8
Chile	22.6	31.4	34.2	10.0	34.2	29.2	47.7	41.2	31.8	61.5
China	451.0	142.2	73.7	408.3	29.3	52.5	46.2	45.8	26.9	13.9
Colombia	9.5	6.2	2.7	0.5	11.1	0.4	6.2	36.8	8.6	2.8
Comoros	0.1	0.1	0.1			1.0		0.1		
Congo	21.9	16.5	12.2	14.5	35.9	16.7	19.9	7.4	10.4	17.9
Costa Rica	6.3	4.7	3.2	4.2	4.8	7.9	0.9	3.9	2.0	4.2
Côte d'Ivoire	44.5	10.1	6.9	39.0	13.1	20.1	20.9	6.9	11.1	10.9
Croatia	8.3	0.4	0.4	0.5	5.2	1.5	0.9	0.3	2.3	7.3

## **QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 34. Total forest area burned 2003-2012**

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 34. Total forest area burned 2003-2012**

Country/Territory	Forest area burned (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Honduras	29.4	2.0	32.1	9.0	3.6	7.0	24.6	3.9	20.0	1.0
Hungary	1.1	0.4	3.5	0.6	2.1	0.4	0.8	0.2	1.2	4.3
Iceland				0.0	0.0	r	0.0	0.0	0.0	0.0
India			1600.0			1639.0				
Indonesia	23.2	46.0	8.7	72.2	35.8	67.9	76.2	34.9	26.1	61.5
Iran (Islamic Republic of)	0.8	0.2	0.7	27.5	0.6	1.0	1.3	1.0	0.2	0.4
Iraq	0.1	r	r	0.1	0.2	0.6	0.1	0.1	0.5	0.2
Ireland	0.8	0.6	0.1	0.5	0.6	0.5	0.1	1.5	1.5	r
Isle of Man							r			
Israel	0.7	0.7	1.0	2.1	0.8	0.6	0.7	5.4	0.6	0.7
Italy	44.1	20.9	21.5	16.4	116.6	30.3	31.1	19.4	38.4	74.5
Japan	0.7	1.6	1.1	0.8	0.7	0.8	1.1	0.8	2.1	0.4
Kazakhstan	15.3	23.9	13.3	18.5	13.7	20.7	14.1	14.1	3.9	14.9
Kenya	4.5	2.5	8.9	5.2	2.5	5.2	3.5	0.8	8.5	18.4
Kiribati	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kyrgyzstan	r	0.1	0.0	0.1	r	0.0	0.0	r	0.0	0.0
Lao People's Democratic Republic	28.9	148.1	84.6	49.4	184.6	12.6	46.0	173.8	7.2	46.3
Latvia	0.4	0.4	0.1	3.4	0.3	0.3	0.6	0.1	0.1	0.1
Lebanon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lesotho	1.3	0.4	r	0.0	0.0	0.1	0.0	r	0.0	0.0
Liberia	1.5	0.9	r	0.3	0.2	0.2	0.2	r	0.2	0.3
Libya	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	r
Lithuania	0.4	0.3	0.1	1.2	r	0.1	0.3	r	0.3	r
Luxembourg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Madagascar	24.0	7.0	38.7	9.8	10.0	4.0	52.8	10.5	0.8	8.6
Malawi	46.7	53.5	59.9	71.9	95.5	63.1	29.7	73.3	57.6	84.8
Malaysia	1.3	1.3	2.2	1.3	1.4	0.1	1.5	2.5	r	0.5
Mali					123.8	113.3	84.0	60.2	59.7	47.8
Malta	0.0	0.0	0.0	0.0	r	0.0	0.0	r	0.0	0.0
Martinique								1.0		
Mauritania		r	0.4	r	r	r	0.1	r		r
Mauritius	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2
Mayotte		r	r		r	r	0.1	0.1	r	r
Mexico	88.2	10.5	32.7	42.1	15.1	26.6	42.8	12.3	71.3	27.0
Monaco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Montenegro	4.0	1.4	0.1	0.2	18.3	0.4	0.1	0.6	11.9	48.8

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 34. Total forest area burned 2003–2012**

Country/Territory	Forest area burned (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Morocco	2.9	8.9	6.2	5.4	1.4	1.1	3.1	5.5	3.5	6.7
Mozambique	2450.4	2676.3	1712.3	3321.2	4618.7	3310.7	1620.5	3552.5	2918.4	3073.8
Myanmar	267.0	646.0	561.0	379.0	1172.0	166.0	430.0	855.0	288.0	329.0
Namibia	0.7	0.5	1.3	1.0	0.2	6.2	0.4	0.3	1.1	1.2
Nepal	5.9	6.7	26.8	6.3	4.2	10.8	16.0	1.2	2.0	13.6
Netherlands	r	r	r	0.0	0.0	0.0	0.2	0.0	0.1	0.0
New Zealand	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
Nicaragua	27.4	17.1	18.1	10.8	57.5	26.1	11.1	13.0	18.0	22.5
Niger	1.1	0.6	1.9	0.9	1.7	1.2	0.5	3.1	0.6	2.4
Nigeria	47.0	7.0	7.0	10.0	26.0	9.0	22.0	6.0	10.0	5.0
Northern Mariana Islands							r	r		r
Norway	0.9	0.1	0.3	3.9	0.1	3.2	1.3	0.8	0.1	0.1
Oman	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pakistan	0.2	r	0.5	0.8	0.1	1.0	0.1	0.1	0.1	0.6
Panama	12.8	1.7	3.0	3.0	2.6	0.7	1.5	0.7	0.3	0.7
Papua New Guinea	9.9	25.5	3.7	17.3	6.8	10.9	4.9	11.6	2.3	1.5
Peru	1.7	r	71.4	1.9	2.6	11.6	0.8	2.9	1.3	16.8
Philippines	8.3	3.2	13.8	16.3	15.3	0.8	4.2	27.0	2.4	4.4
Poland	21.5	3.8	5.8	5.9	3.6	3.0	4.4	2.1	2.8	7.2
Portugal	286.0	56.0	214.0	36.0	10.0	5.0	24.0	46.0	20.0	48.0
Qatar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Republic of Korea	0.1	1.6	2.1	0.3	0.2	0.2	1.4	0.3	1.1	0.1
Republic of Moldova	0.4	0.2	0.1	0.4	0.5	0.3	0.1	0.4	0.4	0.3
Réunion	r	r	0.1	0.1	r	0.4	0.3	0.9	3.0	0.2
Romania	0.8	0.1	0.2	0.9	2.5	0.4	1.0	0.2	2.2	6.3
Russian Federation	2309.2	543.3	845.3	1493.5	1036.1	2069.8	2111.6	2027.8	1408.4	2101.2
Rwanda	2.3	2.0	1.0	1.4	r	0.3	1.3	0.3	0.1	0.1
Saint Vincent and the Grenadines			r	r						
Saint-Barthélemy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Marino	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sao Tome and Principe	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	110.0	161.0	168.0	251.0	199.0	173.0	184.0	101.0	188.0	90.0
Serbia	r	r	r	r	16.6	0.5	0.4	0.7	1.3	11.2
Sierra Leone	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Slovakia	1.6	0.2	0.5	0.3	0.7	0.1	0.5	0.2	0.4	1.7
Slovenia	1.6	0.1	0.1	1.0	0.1	0.0	0.1	0.1	0.2	0.6

**QUESTION 8: HOW MUCH FOREST AREA IS DAMAGED EACH YEAR?**

**Table 34. Total forest area burned 2003–2012**

Country/Territory	Forest area burned (1 000 ha)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Somalia	0.8	0.2	0.1	0.4	0.1	0.1	0.1	r	0.0	0.0
South Africa	87.9	53.8	70.8	47.4	90.9	87.8	58.2	85.8	74.1	77.2
Spain	53.7	51.7	69.4	71.1	29.4	8.4	40.4	10.2	18.4	82.2
Sri Lanka	r	0.2	0.9	0.2	0.1	0.1	1.1	0.9	0.4	0.9
Sudan	267.4	98.2	142.3	243.9	1051.9	219.4	178.3	125.4	69.8	89.2
Suriname	0.1	0.4	0.1	0.2	r	0.2	0.2	0.2	r	r
Svalbard and Jan Mayen Islands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Swaziland	1.0	5.2	1.1	1.4	4.4	12.1	1.8	8.4	5.1	5.5
Sweden	2.3	1.4	1.1	5.2	0.8	5.7	0.7	0.3	0.5	
Switzerland	0.5	r	r	0.1	0.2	r	r	r	0.2	r
Syrian Arab Republic	r	0.1	0.1	r	0.2	0.1	0.1	0.1	0.1	0.9
Tajikistan	0.2	0.2	0.3	0.4	0.4	0.6	0.6	0.5	0.4	0.4
Thailand	25.0	126.1	156.7	57.8	278.8	30.0	102.0	104.6	8.3	33.7
The former Yugoslav Republic of Macedonia	0.4	0.2	0.1	0.4	0.5	0.3	0.1	0.4	0.4	0.3
Timor-Leste	1.4	5.0	1.6	8.4	4.4	0.9	1.8	0.1	0.8	2.2
Togo	6.4	0.1	1.0	1.1	0.9	4.9	1.0	0.9	5.6	0.7
Tokelau	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trinidad and Tobago	0.4	0.1		0.4	0.4			1.2		
Tunisia	0.2	0.1	0.4	0.1	0.5	0.5	0.1	0.7	1.7	2.2
Turkey	5.7	4.2	1.9	2.2	8.5	23.4	3.4	2.1	2.8	9.1
Turkmenistan				r	0.1	0.2	0.1	0.1		0.1
Turks and Caicos Islands					r					
Uganda	293.9	108.7	36.2	102.1	79.4	35.7	107.8	39.7	59.9	101.9
Ukraine	2.8	0.6	2.3	4.3	13.8	5.5	6.3	3.7	1.0	3.5
United Kingdom	2.0	0.0	0.2	0.3	1.2	0.1	0.4	0.4	3.0	0.3
United Republic of Tanzania	746.8	739.5	928.3	1609.3	953.9	786.4	916.3	992.2	628.8	587.3
United States of America	1679.0	3136.0	3640.0	3692.0	3362.0	1611.0	2091.0	790.0		
Uruguay	1.5	1.6	3.2	0.3	0.5	0.7	1.3	0.3	0.1	0.3
Uzbekistan	r	r	0.1	r	r	r	r	0.0	0.1	r
Venezuela (Bolivarian Republic of)						3.2	0.9	34.5	0.7	0.7
Viet Nam	76.7	75.3	79.9	29.1	108.7	18.8	47.3	66.4	14.0	28.9
Yemen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zambia	2239.0	2421.0	2536.0	3048.0	2217.0	3213.0	1725.0	2090.0	1753.0	1892.0
Zimbabwe								500.0		

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

The background of the image is a photograph of a steep, green hillside covered in dense vegetation. A narrow, light-colored path or road winds its way up the slope from the bottom left towards the top right. The terrain is rugged and shows signs of erosion. In the upper left corner, there is a dark, semi-transparent rectangular overlay containing white text.

# Measuring progress towards sustainable forest management (SFM)

# NATIONAL-SCALE PROGRESS TOWARDS SFM

**QUESTION 10: WHAT FOREST POLICY AND REGULATORY FRAMEWORK EXISTS TO SUPPORT IMPLEMENTATION OF SUSTAINABLE FOREST MANAGEMENT (SFM)?**

**Table 35. Policies supporting SFM\***

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**Table 35. Policies supporting SFM\***

Country/Territory	National			Regional			Provincial/state			Local		
	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private
Sierra Leone	yes	yes	no	no	no	no	no	no	no	yes	no	yes
Singapore	yes	yes	no	no	no	no	no	no	no	no	no	no
Slovakia	yes	yes	yes	no	no	no	no	no	no	no	no	no
Slovenia	yes	yes	yes							yes	yes	yes
Solomon Islands	no	no	no	no	no	no	no	no	no	no	no	no
Somalia	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
South Africa	yes	yes	yes									
South Sudan	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Spain	yes	yes	yes	yes	yes	yes	no	no	no	no	no	no
Sri Lanka	yes	yes	yes									
Sudan	yes	yes	yes				yes	yes	yes			
Suriname	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Swaziland	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Sweden	yes	yes	yes	yes	yes	yes	no	no	no	no	no	no
Switzerland	yes	yes	yes				yes	yes	yes	yes	yes	yes
Tajikistan	yes	yes	yes									
Thailand	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
Togo	yes	yes	yes									
Tokelau	no	no	no	no	no	no	no	no	no	no	no	no
Trinidad and Tobago	yes	yes										
Tunisia	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Turkey	yes	yes	yes	no	no	no	no	no	no	no	no	no
Tuvalu	no	no	no	no	no	no	no	no	no	no	no	no
Uganda	yes	yes	yes							yes	yes	yes
Ukraine	yes	yes	yes	yes	yes	yes						
United Kingdom	yes	yes	yes	yes	yes	yes	no	no	no	yes	yes	yes
United Republic of Tanzania	yes	yes	yes	no	no	no	yes	no	yes	no	no	no
United States of America	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Uruguay	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Uzbekistan	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
Venezuela (Bolivarian Republic of)	yes	yes	yes	no	no	no	no	no	no	no	no	no
Viet Nam	yes	yes	yes	no	no	no	no	no	no	no	no	no
Wallis and Futuna Islands	no	no	no							no	no	no
Zambia	yes											
Zimbabwe	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

\* Public and private refer to forest ownership.

\*\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

**QUESTION 10: WHAT FOREST POLICY AND REGULATORY FRAMEWORK EXISTS TO SUPPORT IMPLEMENTATION OF SUSTAINABLE FOREST MANAGEMENT (SFM)?**

**Table 36. Legislation and regulations supporting SFM\***

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**Table 36. Legislation and regulations supporting SFM\***

Country/Territory	National			Regional			Provincial/state			Local		
	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private
Namibia	yes	yes	no	yes								
Nauru	no	no	no	no	no	no	no	no	no	no	no	no
Nepal	yes	yes	yes									
Netherlands	no	no	no				no	no	no	no	no	no
Netherlands Antilles***	no	no	no	no	no	no	no	no	no	no	no	no
New Caledonia	no	no	no	no	no	no	no	no	no	no	no	no
New Zealand	yes	yes	yes	yes	yes	yes	no	no	no	yes	yes	yes
Nicaragua	yes		yes									
Niger	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Nigeria	yes			yes			yes			yes		
Norfolk Island	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
Norway	yes	yes	yes									
Oman		yes										
Pakistan	no	no	no	no	no	no	no	no	no	no	no	no
Panama	yes	yes	yes									
Papua New Guinea	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Paraguay	yes	yes	yes									
Peru	yes	yes	yes	no	no	no	no	no	no	no	no	no
Philippines	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Pitcairn	no	no	no	no	no	no	no	no	no	no	no	no
Poland	yes	yes	yes	no	no	no	no	no	no	no	no	no
Portugal	yes	yes	yes	yes	yes	yes	no	no	no	no	no	no
Qatar	no	no	no	no	no	no	no	no	no	no	no	no
Republic of Korea	yes	yes	yes									
Réunion	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Romania	yes	yes	yes	no	no	no	no	no	no	no	no	no
Russian Federation	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
Rwanda	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Saint Kitts and Nevis	yes	yes	no									
Saint Lucia	yes	yes	yes	no	no	no	no	no	no	no	no	no
Saint Martin (French part)	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
San Marino	no	no	no	no	no	no	no	no	no	no	no	no
Senegal	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Serbia	yes	yes	yes	no	no	no	yes	yes	yes	no	no	no
Seychelles	yes	yes	yes									
Sierra Leone	yes	yes		no	no	no	no	no	no	yes	no	yes

**QUESTION 10: WHAT FOREST POLICY AND REGULATORY FRAMEWORK EXISTS TO SUPPORT IMPLEMENTATION OF SUSTAINABLE FOREST MANAGEMENT (SFM)?**

**Table 36. Legislation and regulations supporting SFM\***

Country/Territory	National			Regional			Provincial/state			Local		
	Total	Public	Private	Total	Public	Private	Total	Public	Private	Total	Public	Private
Singapore	yes	yes	no	no	no	no	no	no	no	no	no	no
Slovakia	yes	yes	yes	no	no	no	no	no	no	no	no	no
Slovenia	yes	yes	yes							yes	yes	yes
Solomon Islands	no	no	no	no	no	no	no	no	no	no	no	no
Somalia	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
South Africa	yes	yes	yes									
South Sudan	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Spain	yes	yes	yes	yes	yes	yes	no	no	no	no	no	no
Sri Lanka	yes	yes	yes									
Sudan	yes	yes	yes				yes	yes	yes			
Suriname	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Swaziland	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Sweden	yes	yes	yes	no	no	no	no	no	no	no	no	no
Switzerland	yes	yes	yes				yes	yes	yes	yes	yes	yes
Tajikistan	yes	yes	yes									
Thailand	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
Togo	yes	yes	yes									
Tokelau	no	no	no	no	no	no	no	no	no	no	no	no
Trinidad and Tobago	yes											
Tunisia	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Turkey	yes	yes	yes	no	no	no	no	no	no	no	no	no
Tuvalu	no	no	no	no	no	no	no	no	no	no	no	no
Uganda	yes	yes	yes							yes	yes	yes
Ukraine	yes	yes	yes	yes	yes	yes						
United Kingdom	yes	yes	yes	yes	yes	yes	no	no	no	no	no	no
United Republic of Tanzania	yes	yes	yes	no	no	no	yes	yes	no	yes	no	no
United States of America	yes	yes	yes	no	no	no	yes	yes	yes	yes	yes	yes
Uruguay	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Uzbekistan	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes	no
Venezuela (Bolivarian Republic of)	yes	yes	yes	no	no	no	no	no	no	no	no	no
Viet Nam	yes	yes	yes	no	no	no	no	no	no	no	no	no
Wallis and Futuna Islands	no	no	no							no	no	no
Zimbabwe	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

\* Public and private refer to forest ownership.

\*\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

<b>QUESTION 11: IS THERE A NATIONAL PLATFORM THAT PROMOTES STAKEHOLDER PARTICIPATION IN FOREST POLICY DEVELOPMENT?</b>											
<b>QUESTION 12: WHAT IS THE FOREST AREA INTENDED TO BE IN PERMANENT FOREST LAND USE AND HOW HAS IT CHANGED OVER TIME?</b>											
<b>QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?</b>											
<b>Table 37. National platform, stakeholders, permanent forest land use and reporting</b>											
Country/Territory	Existence of a national platform for stakeholder participation	Permanent forest land use and permanent forest estate in 2010								Type of forest reporting used at national scale	
		Permanent forest land use (1 000 ha)	% of forest area	Tier status	Permanent forest estate (1 000 ha)	% of forest area	Tier status	Criteria and Indicators reporting	National state of the forest report	Other	None
Afghanistan	no							no	no	no	yes
Albania	yes	776	100	1	776	100	1	no	no	no	yes
Algeria	yes	1492	78	1	1492	78	1	no	no	yes	
American Samoa								no	yes	yes	
Angola	yes	58480	100	1	58480	100	1				
Anguilla	no							no	no	no	yes
Antigua and Barbuda	no							no	no	no	yes
Argentina	yes	43	0	3	43	0	3	yes	yes	yes	
Armenia	yes	369	100	1	331	100	1	no	yes	yes	
Aruba	no							no	no	no	yes
Australia	yes	26155	21	2	26155	21	2	yes	yes	yes	no
Austria	yes	3860	100	1	3860	100	1	yes	yes	yes	no
Azerbaijan	no	1008	100	1	1008	100	1	no	no	no	yes
Bahrain	no							no	no	no	yes
Bangladesh	yes	1400	97	3	1400	97	3		yes		
Belarus	no	8534	100	3	8534	100	3	no	no	yes	no
Belgium	no	681	100	3	627	92	3	yes	no	yes	no
Benin	yes	2522	55	3	2522	55	3	yes	no	yes	
Bermuda	no			1			1	no	no	no	yes
Bhutan	yes	2705	100	3	2304	85	3	yes	yes	yes	no
Bolivia (Plurinational State of)	yes	41	0	1	39	0	1	no	no		no
Bosnia and Herzegovina	no							no	no	no	yes
Botswana	yes	409	4	3	409	4	3	yes	yes	no	no
Brazil	yes	364885	73	1	364885	73	1	yes	yes	yes	no
British Virgin Islands	no			1				no	no	no	yes
Brunei Darussalam		322	85	1	322	85	1				
Bulgaria	yes	3737	100	3	3737	100	3	yes	yes	no	no
Burkina Faso	yes	3900	69	2	3900	69	2	yes	yes	no	no
Burundi	no	140	55	2	140	55	2	no	yes		

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Country/Territory	Existence of a national platform for stakeholder participation	Permanent forest land use and permanent forest estate in 2010								Type of forest reporting used at national scale	
		Permanent forest land use (1 000 ha)	% of forest area	Tier status	Permanent forest estate (1 000 ha)	% of forest area	Tier status	Criteria and Indicators reporting	National state of the forest report	Other	None
Cabo Verde	yes	44	51	3	44	51	3	yes	yes	yes	yes
Cambodia	no	10094	100	2	10094	100	2	no	no	no	yes
Cameroon	no	18048	91	1	18048	91	1				no
Canada	yes	317550	91	3	317550	91	3	yes	yes	yes	no
Cayman Islands	no							no	no	no	no
Central African Republic	yes	5073	23	1	5073	23	1		yes	yes	
Chad	no	1153	21	1	1153	21	1	no	no	no	no
Chile	yes	16231	100	1	14001	86	1	no	yes	no	
China	yes	200610	100	3	200610	100	1	yes	yes	no	no
Colombia	yes	9910	17	3	9910	17	3	yes	yes		
Congo	yes	15203	68		15203	68	1	yes	yes		
Cook Islands	yes							yes	yes	yes	no
Costa Rica	yes	2605	100	2	1355	52	2	yes	yes		
Côte d'Ivoire	yes	8535	82	1	8535	82	1	yes	yes		
Croatia	yes	1920	100	2	1920	100	2	yes	yes	yes	no
Cuba	yes	2932	100	3	2932	100	3	yes	yes	yes	
Cyprus	yes	107	62	3	107	62	3	yes	yes	yes	
Czech Republic	yes	2657	100	3	2657	100	3	yes	yes		
Democratic People's Republic of Korea	no							no	no	no	yes
Democratic Republic of the Congo	yes							no	no	no	yes
Denmark	yes	569	97	1	428	73	3	yes	yes	yes	no
Djibouti		6	100	1	6	100	1				
Dominican Republic	yes	1150	63	1	165	9	1	no	yes		
Ecuador	yes	3836	30	3	3836	30	3	yes	yes	yes	
Egypt		70	100	1	70	100	1				
El Salvador	yes							no	no	no	no
Equatorial Guinea	no	1626	100	1	1626	100	2	no	no	yes	no
Estonia	yes	905	41	1	905	41	1	yes	yes	yes	

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<b>Country/Territory</b>	<b>Existence of a national platform for stakeholder participation</b>	<b>Permanent forest land use and permanent forest estate in 2010</b>								<b>Type of forest reporting used at national scale</b>	
		<b>Permanent forest land use (1 000 ha)</b>	<b>% of forest area</b>	<b>Tier status</b>	<b>Permanent forest estate (1 000 ha)</b>	<b>% of forest area</b>	<b>Tier status</b>	<b>Criteria and Indicators reporting</b>	<b>National state of the forest report</b>	<b>Other</b>	<b>None</b>
Falkland Islands (Malvinas)*	no	0		1	0		1	no	no	no	yes
Faroe Islands	yes	r	100	1	r	100	1	no	no	no	yes
Finland	yes	22218	100	3	22218	100	3	yes	yes	yes	no
France	yes	16424	100	3	16424	100	3	yes	yes	yes	no
French Guiana	yes	7957	98	3	4455	55	3		no	yes	
Gabon	no	22000	100	3	14000	64	3				
Gambia	yes	300	63	1	90	19	1	no	yes	no	no
Georgia	yes	2822	100	3	2822	100	3	yes	yes	yes	no
Germany	yes	11400	100	3	11400	100	3	yes	yes	yes	yes
Ghana	yes	4543	49	3	3919	43	3	yes			
Gibraltar	no	0		1	0		1	no	no	no	yes
Greenland	yes	r	100	1	r	100	1	no	no	yes	no
Guadeloupe	yes	36	50	3	36	50	3	yes	yes		
Guam								no	yes	no	no
Guatemala	yes	1930	52	3	843	23	3	yes	yes	yes	no
Guernsey	no										
Guinea	yes	1186	18	1	1186	18	1	no	no		
Guyana	yes	16576	100	2	2142	13	3	yes	yes	yes	
Holy See	no	0		1	0		1	no	no	no	yes
Honduras	yes										yes
Hungary	yes	2046	100	3	2046	100	3	yes	yes	yes	
Iceland	yes	0	0	1	0	0	1	no	yes	yes	no
India	yes	69790	100	3	47541	68	3	no	yes	yes	no
Indonesia	yes	79831	85	3	1595	2	3	yes	yes	no	no
Iran (Islamic Republic of)	yes	10692	100	2	10692	100	2	yes	yes	no	no
Iraq	no	825	100	1	825	100	1	no	no	no	yes
Ireland	yes	726	100	3	10	1	3	no	yes	yes	
Isle of Man	yes	3	100	1	3	100	1	no	no	yes	no
Israel	yes	154	100	2	80	52	2	no	yes	no	

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Country/Territory	Existence of a national platform for stakeholder participation	Permanent forest land use and permanent forest estate in 2010								Type of forest reporting used at national scale	
		Permanent forest land use (1 000 ha)	% of forest area	Tier status	Permanent forest estate (1 000 ha)	% of forest area	Tier status	Criteria and Indicators reporting	National state of the forest report	Other	None
Italy	yes	8904	99	3	8904	99	3	no	yes		
Jamaica	yes	119	35	3	88	26	3	yes	yes	yes	
Japan	yes	24966	100	3	12094	48	3	yes	yes	no	no
Jordan	no	98	100	1	98	100	1	no	no	no	yes
Kenya	yes	1934	46	3	1821	43	3	no	yes	yes	
Kyrgyzstan	yes	677	100	3	677	100	3	yes	yes	no	no
Lao People's Democratic Republic	yes							no	yes	yes	
Latvia	yes	1898	57	2	587	18	2	yes	yes	no	no
Lebanon	yes	20	15	3	20	15	3				
Lesotho		6	14	1	6	14	1				
Liberia	yes	2720	63	1	2720	63	2	yes	yes	yes	no
Liechtenstein	yes	7	100	1	7	100	1	yes	yes		
Lithuania	yes	2170	100	3	2170	100	3	yes	yes	no	no
Luxembourg		87	100	1	87	100	1				
Madagascar	no	8171	65	1	3476	28	1	yes	yes	no	no
Malawi	yes	2526	78	1	1526	47	1	no	yes		
Malaysia	yes	16386	74	3	14526	66	3	yes	yes	yes	yes
Mali	yes	3987	78	1	3987	78	1	yes			
Malta	no							no	no	no	yes
Marshall Islands	no							no	no	no	no
Martinique	yes	16	33	1	16	33	3	yes	yes	no	yes
Mauritania	no	83	34	1	48	20	1	no	yes		
Mauritius	yes	36	94	2	0	0	2	no	yes	no	
Mayotte	yes	8	100	1	8	100	1				
Mexico	yes	61168	92	3	14791	22	3	no	yes	yes	no
Monaco	no	0		1	0		1	no	no	no	yes
Mongolia	yes	5152	40	2	5152	40	2	no	yes	no	no
Montenegro	yes	827	100	2	827	100	2	no	yes	yes	

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<b>Country/Territory</b>	<b>Existence of a national platform for stakeholder participation</b>	<b>Permanent forest land use and permanent forest estate in 2010</b>								<b>Type of forest reporting used at national scale</b>	
		<b>Permanent forest land use (1 000 ha)</b>	<b>% of forest area</b>	<b>Tier status</b>	<b>Permanent forest estate (1 000 ha)</b>	<b>% of forest area</b>	<b>Tier status</b>	<b>Criteria and Indicators reporting</b>	<b>National state of the forest report</b>	<b>Other</b>	<b>None</b>
Montserrat		1	46	1	1	46	1				
Morocco	yes	5672	100	1	5672	100	1	yes	yes	yes	no
Mozambique	yes	9051	23	3	9051	23	3	no	yes	yes	no
Myanmar	yes	13710	43	1	13710	43	1	no	yes	no	no
Namibia	yes	136	2	1	136	2	1	no	yes	no	no
Nauru	no	0		1	0		1	no	no	no	yes
Nepal	yes	3636	100	2	3636	100	2	no	yes	no	no
Netherlands	no	373	100	3	373	100	3	no	yes	no	no
Netherlands Antilles**	no							no	no	no	no
New Caledonia								no	no	no	yes
New Zealand	no	5161	51	3	4991	49	3	yes	no	no	no
Nicaragua	yes							yes	yes		
Niger	yes							yes	yes	yes	
Nigeria	yes	4105	45	2	4105	45	2				
Norfolk Island	no							no	no	no	no
Norway	yes	12102	100	3	12102	100	3	no	yes	yes	no
Oman	no									yes	
Pakistan	no							no	no	no	yes
Palau									yes		
Panama	yes	2016	43	3	2016	43	3	yes	yes		
Papua New Guinea	yes	28	0	1	28	0	1	yes	yes	yes	
Paraguay	yes	1884	11		1884	11	1	no	no		
Peru	yes	52738	70	3	39860	53	3	no	yes	yes	no
Philippines	yes	6356	93	2	1610	24	2	yes	yes		
Pitcairn	no							no	no	no	no
Poland	yes	9329	100	3	9329	100	3	yes	yes	no	no
Portugal	yes	1326	41	1	1326	41	1	yes	yes	no	no
Puerto Rico								yes	yes		
Qatar	no	0		1	0		1	no	no	no	yes

**QUESTION 11: IS THERE A NATIONAL PLATFORM THAT PROMOTES STAKEHOLDER PARTICIPATION IN FOREST POLICY DEVELOPMENT?**

**QUESTION 12: WHAT IS THE FOREST AREA INTENDED TO BE IN PERMANENT FOREST LAND USE AND HOW HAS IT CHANGED OVER TIME?**

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 37. National platform, stakeholders, permanent forest land use and reporting**

Country/Territory	Existence of a national platform for stakeholder participation	Permanent forest land use and permanent forest estate in 2010						Type of forest reporting used at national scale			
		Permanent forest land use (1 000 ha)	% of forest area	Tier status	Permanent forest estate (1 000 ha)	% of forest area	Tier status	Criteria and Indicators reporting	National state of the forest report	Other	None
Republic of Korea		4947	80	3	4947	80	3	yes	yes		
Réunion	yes	65	74	1	65	74	1				
Romania	yes	6515	100	3	6515	100	3	yes	yes	no	no
Russian Federation	yes	198063	24	3	17572	2	3	yes	yes	yes	no
Rwanda	yes							yes	yes		
Saint Kitts and Nevis	yes	11	100	2	0	0	2	yes	no	no	no
Saint Lucia	yes	21	100	2				yes	no		
Saint Martin (French part)		r	10	2	r	10	2	yes	yes		
Saint Pierre and Miquelon		3	100	2	3	100	2				
San Marino	no	0		1	0		1	no	no	no	yes
Sao Tome and Principe	yes	54	100	1	27	50	1	no	yes	no	no
Senegal	yes	5762	68	2	5281	62	2	yes	yes	yes	
Serbia	yes	2713	100	3	2713	100	3	yes	yes	yes	
Seychelles	yes	30	74	1	20	49	2	yes	yes	yes	
Sierra Leone	yes	285	10	1	285	10	1	no	yes		
Singapore	no	2	14	3	0		3				
Slovakia	yes	1939	100	3	1939	100	3	yes	yes	yes	no
Slovenia	yes	1247	100	1	1247	100	1	yes	yes	no	no
Solomon Islands	no				0		1	no	no	no	yes
Somalia	no							yes	yes	yes	no
South Africa	yes	1463	16	2	1463	16	2	yes	yes		
South Sudan	yes						1	yes	no	no	yes
Spain	no	18247	100	1	18247	100	1	yes	yes	yes	no
Sri Lanka	yes	1899	90	2	1655	79	2	yes	yes		
Sudan	yes	19210	96	1	19210	96	1	yes	yes		yes
Suriname	yes	7210	47	3	7210	47	3	yes	yes	no	no
Swaziland	no	144	26	2	98	17	2	no	no	no	
Sweden	yes						3	yes	yes	yes	no
Switzerland	yes	1235	100	3	1235	100	3	yes	yes	yes	no

QUESTION 11: IS THERE A NATIONAL PLATFORM THAT PROMOTES STAKEHOLDER PARTICIPATION IN FOREST POLICY DEVELOPMENT?											
QUESTION 12: WHAT IS THE FOREST AREA INTENDED TO BE IN PERMANENT FOREST LAND USE AND HOW HAS IT CHANGED OVER TIME?											
QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?											
Table 37. National platform, stakeholders, permanent forest land use and reporting											
Country/Territory	Existence of a national platform for stakeholder participation	Permanent forest land use and permanent forest estate in 2010								Type of forest reporting used at national scale	
		Permanent forest land use (1 000 ha)	% of forest area	Tier status	Permanent forest estate (1 000 ha)	% of forest area	Tier status	Criteria and Indicators reporting	National state of the forest report	Other	None
Syrian Arab Republic		491	100	1	491	100	1				
Tajikistan	no	410	100	3	344	84	3	no	yes	no	no
Thailand	yes	16249	100	3	13450	83	2	yes	yes	yes	
The former Yugoslav Republic of Macedonia		918	92	1	918	92	1				
Togo	no	188	66	1	188	66	1	no	no		
Tokelau	no	0		1	0		1	no	no	no	yes
Tonga	yes	8	89	1	7	74	1				
Trinidad and Tobago	yes	143	63	2	143	63	2			yes	
Tunisia	yes	990	100	2	990	100	2		yes		
Turkey	yes	11203	100	3	11203	100	3	no	yes	yes	no
Tuvalu	no			1				no	no	no	yes
Uganda	yes	1900	69	1	1900	69	1		yes		
Ukraine	yes	9548	100	3	8788	92	3	yes	yes	no	no
United Arab Emirates		317	100	1	317	100	1				
United Kingdom	no	3059	100	1	3059	100	1	yes	no	yes	no
United Republic of Tanzania	no	13846	29	2	13000	27	2	yes	yes	yes	
United States of America	yes	133014	43	3	133014	43	3	yes	yes	yes	
Uruguay	yes	1731	100	2	752	43	2	yes	yes	yes	no
Uzbekistan	no	3276	100	2	3276	100	2	yes	yes		
Venezuela (Bolivarian Republic of)	yes	47505	100	2	16231	34	2	yes	yes	yes	no
Viet Nam	yes	2002	14	3	2002	14	3	no	yes	yes	
Wallis and Futuna Islands	no	0	0	3	0	0	3	no	no	no	yes
Yemen		549	100	1	549	100	1				
Zambia	yes	3244	7	1	3244	7	2		yes		
Zimbabwe	yes	909	6	3	109	1	3	no	yes	yes	no

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

# OPERATIONAL-SCALE PROGRESS TOWARDS SFM

QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?

Table 38. Methods measuring progress towards SFM

Country/Territory	Forest inventory			Other field assessments			Updates to other sources			Expert estimate	
Algeria	yes										
American Samoa	100	2012	no	yes	yes	no	100	2010	no	yes	
Andorra											
Argentina	100	2000		yes	yes						
Armenia	100	1993	no	no	no	no	no	no	no	no	
Australia	100	2011	no	no	no	yes	0	2011	no	yes	
Austria	100	2009	no	yes	yes	no	100	2012	yes	2011	
Azerbaijan											
Bangladesh	100	2012		yes	40	2009		yes	yes	yes	
Belarus	100	2013	yes	yes	100	2013	yes	no	yes	yes	
Belgium	100	2015	yes	yes	yes	100	2013	yes	yes	yes	
Benin	100	2007	yes	yes							
Bhutan	100	2014	yes	yes	no	no	yes	no	no	no	
Bolivia (Plurinational State of)											
Botswana	1	1992	no	yes	yes	no	no	no	no	no	
Brazil	100	2014	yes	no	yes	0	2010	yes	no	yes	

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 38. Methods measuring progress towards SFM**

Country/Territory	Forest inventory			Other field assessments			Updates to other sources			Expert estimate
	Most recent year		% of forest area	Most recent year		% of forest area	Most recent year		% of forest area	
	Continuous		Periodic	Continuous		Periodic	Continuous		Periodic	
	Temporary	Permanent	Temporary	Temporary	Permanent	Temporary	Temporary	Permanent	Sample based	
Bulgaria	100	2013	yes	yes	no	no	0	2013	no	yes
Burkina Faso	100	2013	no	yes	no	no	100	2013	no	yes
Burundi							16	2013		
Cabo Verde	23	2013	no	yes	no	no	0	2013	no	yes
Cambodia				no	no	no				
Cameroon				yes						
Canada	100	2013	yes	yes	yes	yes	100	2013	no	yes
Chile	73	2013	yes	yes	yes	yes	69	2013	yes	yes
China	100	2013	yes	yes	no	no	no	no	no	yes
Colombia	14	2013	yes							
Comoros	100	2010	yes	yes	yes					
Congo			yes	yes						
Cook Islands			no	yes	no	yes				
Costa Rica	52	2014	yes	yes	yes	yes				
Croatia	100	2013	yes	no	yes	no	yes			
Cuba	100	2010	yes	yes	yes	yes	2	yes	yes	yes

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

Table 38. Methods measuring progress towards SFM

Country/Territory	Forest inventory			Other field assessments			Updates to other sources			Expert estimate		
	Most recent year		% of forest area	Most recent year		% of forest area	Most recent year		% of forest area	Aerial/remote sensing	Ground plots	Aerial/remote sensing
	Continuous		Periodic	Continuous		Periodic	Continuous		Periodic	Full coverage	Temporary	Full coverage
	Permanent	Temporary	Sample based	Permanent	Temporary	Sample based	Permanent	Temporary	Permanent	Sample based	Temporary	Expert estimate
Cyprus	100	2011	yes	no	yes	no	no	0			0	52 2011
Czech Republic	100	2004	no	yes	yes	no	yes	100	2012	yes	no	
Denmark	100	2013	yes	no	yes	no	yes		yes	no	yes	
Dominican Republic	55	1972	yes	yes	yes	0	yes	yes	yes	yes	0	
Ecuador	100	2012	no	yes	yes	yes	0	2013	no	yes	yes	100 2013
El Salvador			no	no	no	no	no	no	no	no	no	no 27 2004
Equatorial Guinea	100	1991	no	no	no	no	0	0	no	no	no	100 2010
Estonia	100	2013	yes	no	yes	no	no	75	2013	yes	no	yes
Faroe Islands			no	no	no	no	no	no	no	no	no	no 100 2013
Finland	100	2012	yes	no	yes	yes	no	no	no	yes	no	no
France	100	2012	yes	no	yes	yes	0	2012	yes	yes	yes	0
French Guiana	100	2013	yes					2013		yes		0
Gabon			yes									
Gambia	100	2010	no	yes	yes	no	yes			no	yes	no no no no
Georgia	72	1997	no	yes	no	yes	no	no	no	no	no	no
Germany	100	2012	yes	yes				100	2012	yes	yes	

### **QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

Table 38. Methods measuring progress towards SFM

Country/Territory	Forest inventory		Other field assessments				Updates to other sources				Expert estimate			
	Periodic		Continuous		Most recent year		% of forest area		Most recent year					
	Continuous		Most recent year		% of forest area		Full coverage		Aerial/remote sensing					
	Periodic		Continuous		% of forest area		Sample based		Temporary					
	Continuous		Most recent year		% of forest area		Sample based		Ground plots					
	Periodic		Continuous		% of forest area		Full coverage		Temporary					
	Periodic		Most recent year		% of forest area		Sample based		Ground plots					
	Continuous		% of forest area		Full coverage		Temporary		Ground plots					
	Periodic		Most recent year		% of forest area		Sample based		Temporary					
	Continuous		% of forest area		Full coverage		Temporary		Ground plots					
Ghana	39	2013	no	yes	no	yes	no	no	no	no	no	100	2013	
Greenland			no	no	no	no	no	no	no	no	no	100	2013	
Guadeloupe	3	2012	yes	yes	yes	yes	0	2013	yes	no	no	no	100	2013
Guam	100	2002	yes	yes	yes	yes	no	no	no	no	no	no	100	2013
Guatemala	100	2003		yes			100	2006	yes	yes	yes			
Guinea				yes	yes				yes	yes				
Guyana	100	2012	yes				100	2012	yes	yes	yes			
Holy See			no	no	no	no			no	no	no			
Honduras	100	2011	yes	yes	yes	yes								
Hungary	100	2013	yes	no	yes	no	100	2013	yes	no	yes			
Iceland	100	2013	yes	no	yes	no	yes		no	no	no			
India	100	2014	yes	no	yes	yes	no		no	no	no			
Indonesia	100	2014	no	yes	yes	yes	yes	2014	yes	yes	no			
Iran (Islamic Republic of)	18	2005	yes	yes	yes	yes	yes	0	0	yes	yes	0	0	2000
Ireland	100	2012	yes	yes								yes	100	2013

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 38. Methods measuring progress towards SFM**

Country/Territory	Forest inventory			Other field assessments			Updates to other sources			Expert estimate		
	Most recent year		% of forest area	Continuous		% of forest area	Periodic		Ground plots		Aerial/remote sensing	% of forest area
	Continuous		% of forest area	Periodic		% of forest area	Continuous		Temporary		Full coverage	Most recent year
	Most recent year		% of forest area	Periodic		% of forest area	Continuous		Permanent		Sample based	Most recent year
	Most recent year		% of forest area	Periodic		% of forest area	Continuous		Temporary		Full coverage	Most recent year
	% of forest area			Periodic			Continuous		Permanent		Sample based	Aerial/remote sensing
Israel	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Italy	100	2005	yes	yes	yes	yes						
Jamaica	30	2012	yes	yes	yes	yes	100	1998	yes	yes	yes	
Japan	100	2012	yes	yes	yes	yes	100	2012	yes			
Jersey												100
Kazakhstan												2013
Kenya	10	2010	no	yes	yes	no	100	2012	yes	yes	yes	yes
Kyrgyzstan	100	2010	no	yes	yes	no	83	2013	yes	no	no	no
Lao People's Democratic Republic	100	2010	yes	yes	yes	yes	2012	no	no	no	no	no
Latvia	100	2012	yes	no	yes	no	92	2012	yes	yes	yes	yes
Liberia	0	0	no	yes	yes	yes	0	0	yes	yes	0	0
Liechtenstein												2013
Lithuania	100	2013	yes	yes	yes	no	yes					
Madagascar	100	1996	yes	no	yes	yes						
Malaysia	100	2012	yes	yes	yes	yes	0	2012	no	yes	yes	yes
Mali	100	2013		yes	yes	no					0	0

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 38. Methods measuring progress towards SFM**

Country/Territory	Forest inventory			Other field assessments			Updates to other sources			Expert estimate		
	Most recent year		% of forest area	Most recent year		% of forest area	Most recent year		% of forest area	Aerial/remote sensing	Full coverage	% of forest area
	Continuous		Periodic	Continuous		Periodic	Continuous		Periodic	Temporary	Permanent	Temporary
	Ground plots	Aerial/remote sensing	Full coverage	Ground plots	Aerial/remote sensing	Full coverage	Ground plots	Aerial/remote sensing	Temporary	Permanent	Sample based	Full coverage
Mauritania	50	1980	no	no	yes	yes	10	2004	no	no	no	no
Mauritius							50	2010	yes	yes		
Mexico	100	2013	yes	no	yes	no	no	yes	no	no	yes	
Monaco												100
Mongolia	no	yes	no	yes	yes	yes	no	no	no	no	no	no
Montenegro	100	2010	yes	yes	yes	yes	43	2013	yes	yes	yes	yes
Morocco	100	2013	no	yes	no	yes	yes	no	no	no	no	no
Mozambique	100	2008	no	yes	yes	yes	43	2013	no	yes	yes	100
Myanmar	2	2013	no	yes	yes	yes	no	yes	no	no	yes	no
Namibia			no	no	yes	no	no	no	yes	no	no	no
Nepal	100	2014	no	yes	yes	no	no	no	no	no	no	no
Netherlands	100	2014	no	yes	yes	no	no	no	no	no	no	no
New Zealand	100	2012	no	yes	no	yes	no	no	no	no	no	no
Niger			no	no	no	no	yes	yes	no	yes	yes	4
Nigeria	0	yes		0	yes	yes	no	no	no	0		2006
Norway	100	2013	yes	yes	yes	yes	no	no	no	no	no	0

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 38. Methods measuring progress towards SFM**

Country/Territory	Forest inventory			Other field assessments			Updates to other sources			Expert estimate	
	Most recent year			% of forest area			Most recent year			% of forest area	
	Periodic			Continuous			Periodic			Continuous	
	Most recent year			% of forest area			Most recent year			% of forest area	
	Periodic			Continuous			Periodic			Continuous	
	Most recent year			% of forest area			Periodic			% of forest area	
Occupied Palestinian Territory											
Oman	1	2014	yes	yes	yes	yes					
Pakistan			no	no	no	no					
Palau	100	2003	yes	yes	yes	yes					
Panama		1970	yes				2000	yes			
Papua New Guinea	100	2014	yes	yes	yes	yes	10				
Paraguay		yes	yes	yes							
Peru	100	2013	yes	yes	yes	yes	20	2013	yes	yes	yes
Philippines	100	2003	yes	yes	yes	yes				0	2011
Poland	100	2012	yes	yes							
Portugal	100	2010	no	yes	no	yes	yes	no	no	no	no
Puerto Rico	100	2009	yes	yes	yes	yes					
Qatar		no	no	no	no	no					
Republic of Korea	100	2012	yes	yes	yes	0	0		0	0	0
Réunion		no	no	no	no	no	no	no	no	no	no
Romania	100	2012	yes	yes	no	no	no	no	no	no	no

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 38. Methods measuring progress towards SFM**

Country/Territory	Forest inventory				Other field assessments				Updates to other sources				Expert estimate	
	Most recent year		% of forest area		Most recent year		% of forest area		Most recent year		% of forest area			
	Continuous		Periodic		Continuous		Periodic		Continuous		Aerial/remote sensing			
	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Sample based	Full coverage		
Russian Federation	100	2014	yes	yes	yes	yes	yes	no	43	2012	yes	yes	yes	
Rwanda			no	yes	no	yes	yes	no	yes	no	no	yes	yes	
Saint Kitts and Nevis			no	yes	no	no	no	yes	no	yes	no	no	no	
Saint Lucia	75	2009	yes						no	no	no	no	no	
Saint Martin (French part)					100	2006	yes		yes	yes	yes	yes	yes	
Sao Tome and Principe	100	1999	no	yes	no	no	no	no	no	no	no	no	no	
Senegal	100	2004	yes	no	yes	yes	yes	2007	yes	yes	yes	yes	yes	
Serbia	r	2008	yes	yes	yes	no	50	2010	yes	no	yes	0	yes	
Seychelles	90	1993	no	yes	no	yes	no		no	yes	no	no	yes	
Sierra Leone	100	1986	no	yes	no	no	no	no	no	no	no	no	no	
Slovakia	100	2013	yes	yes	yes	yes	100	2013	yes	yes	yes	yes	yes	
Slovenia	100	2013	yes	no	yes	no	no	no	no	no	no	no	no	
Somalia	11	2011	no	yes	no	yes	no	yes	no	yes	yes	yes	yes	
South Africa	5	2002	yes	yes	yes	no	100	2000	yes		yes	31	2008	
South Sudan	100	2013	no	no	no	yes	no	no	no	no	no	no	yes	
Spain	100	2013	yes	yes	yes	no	100	2013	yes	yes	100	2013	yes	

### **QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

Table 38. Methods measuring progress towards SFM

**QUESTION 13: HOW DOES YOUR COUNTRY MEASURE AND REPORT PROGRESS TOWARDS SFM AT THE NATIONAL LEVEL?**

**Table 38. Methods measuring progress towards SFM**

Country/Territory	Forest inventory				Other field assessments				Updates to other sources				Expert estimate								
	Most recent year		% of forest area	Aerial/remote sensing	Continuous		Ground plots	Aerial/remote sensing	Periodic		% of forest area	Aerial/remote sensing									
	Continuous				Continuous				Temporary	Permanent											
	Periodic				Periodic																
United Kingdom	100	2012	yes	no	yes	yes	no	yes	0	0	no	no	0								
United Republic of Tanzania	100	2012	yes	no	yes	yes	no	yes	38	1995	no	yes	yes								
United States of America	100	2012	yes		yes		yes		100	2012											
Uruguay	43	2012	yes	no	yes	yes	yes	yes	15	0	yes	yes	yes								
Uzbekistan	100	1987	yes	yes	yes	yes	yes	yes	15	0	yes	yes	yes								
Vanuatu											no	no									
Venezuela (Bolivarian Republic of)	8	2008	yes	yes	yes	yes	100	2010	yes		yes	11	2010								
Viet Nam	100	2010	yes	yes	yes	yes					yes	no	no								
Wallis and Futuna Islands	8	2013	yes	yes			100	2005			yes	0	2005								
Yemen													100								
Zambia	100	2013	yes	no	yes	yes	no	yes	100	2003	yes	no	no								
Zimbabwe	5	1998	no	yes	yes	yes	no	yes	yes	no	yes	yes	no								

**QUESTION 14: WHAT IS THE AREA OF FOREST UNDER A FOREST MANAGEMENT PLAN AND HOW IS THIS MONITORED?**
**Table 39. Forest management plan 2010 and monitoring**

Country/Territory	Forest area with management plan					% forest management plan monitored annually	Tier status	Requirements for forest management plans include				
	Total (1 000 ha)	% of forest area	...of which for		Tier status			Soil and water management	High conservation value forest delineation	Social consideration/ community involvement		
			Production (1 000 ha)	Conservation (1 000 ha)								
Afghanistan								no	no	no		
Albania	776	100	614	162	1			yes	yes	yes		
Algeria	152	8			3			yes	yes	no		
Angola	0	0			1			no	no	no		
Anguilla								no	no	no		
Antigua and Barbuda								no	no	no		
Argentina	3	r	1	1	3	100	3	no	no	yes		
Armenia	200	60	68	132	1			no	no	no		
Aruba								no	no	no		
Australia	27758	23	7231	17249	2	7	2	yes	yes	yes		
Austria	1969	51			1	0	3	no	no	no		
Azerbaijan	0	0			1	0	1	no	no	no		
Bahrain						0	1	no	no	no		
Bangladesh	871	60	435	436	3	10	3	yes	yes	yes		
Belarus	8534	100			2	10	3	yes	yes	no		
Belgium	360	53	350	10	3	84	3	yes	yes	yes		
Benin	1261	28	1009	252	3	39	3	yes	yes	yes		
Bermuda	0	0			1	0	1	no	no	no		
Bhutan	1084	40	235	849	3	40	3	yes	yes	yes		
Bolivia (Plurinational State of)	10400	19			2	22	2	no	no	no		
Bosnia and Herzegovina								no	no	no		
Botswana	409	4		409	3	r	3	yes	yes	yes		
Brazil	57810	12	17030	40779	1	5	1	yes	yes	yes		
British Virgin Islands								no	no	no		
Bulgaria	3737	100	2387	1350	1	10	1	yes	yes	yes		
Burkina Faso	486	9			2			yes	yes	yes		
Burundi	2	1	2		1	1	2	no	yes	yes		
Cabo Verde	2	2		2	3			yes	yes	yes		
Cambodia	0	0			3	0	3	yes	yes	yes		
Cameroon	7847	39			3			yes	yes	yes		
Canada	206035	59			3	100	3	yes	yes	yes		
Cayman Islands								no	no	no		

**QUESTION 14: WHAT IS THE AREA OF FOREST UNDER A FOREST MANAGEMENT PLAN AND HOW IS THIS MONITORED?**
**Table 39. Forest management plan 2010 and monitoring**

Country/Territory	Forest area with management plan				Tier status	% forest management plan monitored annually	Tier status	Requirements for forest management plans include					
	Total (1 000 ha)	% of forest area	...of which for					Soil and water management	High conservation value forest delineation	Social consideration/ community involvement			
			Production (1 000 ha)	Conservation (1 000 ha)									
Central African Republic	3730	17			3			yes	yes	yes			
Chad	550	10	0	550	3			yes	no	yes			
Chile	169	1	168	r	3	71	3	yes	yes	no			
China	132403	66	58257	74146	2	82	1	yes	yes	yes			
Colombia	8345	14			2			yes	yes	yes			
Congo	5417	24			2					yes			
Cook Islands	1	9	0	1	1	10	1	yes	yes	yes			
Costa Rica								yes	yes	yes			
Côte d'Ivoire	1394	13	1039	355	1			yes		yes			
Croatia	1489	78	1470	19	1	10	1	yes	yes	yes			
Cuba	2344	80	727	492	1			yes	yes	yes			
Cyprus	107	62	41	3	3	100	3	yes	yes	yes			
Czech Republic	2657	100			3	100	3	yes	yes	yes			
Democratic People's Republic of Korea								no	no	no			
Democratic Republic of the Congo	6591	4			1								
Denmark	254	43	254	0	1			no	no	no			
Dominican Republic	62	3	50	12	2	20	2	yes	yes	yes			
Ecuador	4443	34	106	4337	3	33	3	yes	yes	yes			
Egypt	4	6			1								
El Salvador	1	r	1	r	1	25	1	yes	yes	yes			
Equatorial Guinea	0	0	0	363	1	0	1	yes	yes	yes			
Eritrea	41	3			1								
Estonia	1651	74	1493	158	3			yes	yes	yes			
Falkland Islands (Malvinas)*	0		0	0	1	0	1	no	no	no			
Faroe Islands			0		1			no	no	no			
Fiji	6	1			1			yes	yes	yes			
Finland	22218	100	18318	3900	3	100	3	yes	yes	yes			
France	6865	42			3			yes	yes	yes			
French Guiana	1090	13	583	507	3	0	3	yes	yes	yes			
Gabon	7900	36	7900	0	3	5	3	yes	no	yes			
Gambia	56	12	18	38	3	19	3	yes	yes	yes			
Georgia	2822	100	2549	274	2	100	1	yes	yes	yes			

**QUESTION 14: WHAT IS THE AREA OF FOREST UNDER A FOREST MANAGEMENT PLAN AND HOW IS THIS MONITORED?**
**Table 39. Forest management plan 2010 and monitoring**

Country/Territory	Forest area with management plan				Tier status	% forest management plan monitored annually	Tier status	Requirements for forest management plans include					
	Total (1 000 ha)	% of forest area	...of which for					Soil and water management	High conservation value forest delineation	Social consideration/ community involvement			
			Production (1 000 ha)	Conservation (1 000 ha)									
Germany	7528	66			1			yes	no	no			
Ghana	897	10	767	130	3	100	1	yes	yes	yes			
Gibraltar	0		0	0	1	0	1	no	no	no			
Greenland	r	100	0	r	1			no	no	no			
Guadeloupe	34	47	3	31	2	100	2	yes	yes	yes			
Guam								no	no	no			
Guatemala	9	r	6	4	3	100	3	yes	yes	yes			
Guinea	322	5			1			yes	yes	yes			
Guinea-Bissau	150	7			1								
Guyana	7252	44	5525	1727	3	100	3	yes	yes	yes			
Holy See	0		0	0	1	0	1	no	no	no			
Honduras	767	15	378	150	3	20	2	yes	yes	yes			
Hungary	2046	100	1290	756	3	18	3	yes	yes	yes			
Iceland	34	79	23	5	3	20	3	no	no	no			
India	69790	100			2	100	2	yes	yes	yes			
Indonesia	90111	95	49361	40750	2	25	3	yes	yes	yes			
Iran (Islamic Republic of)	4367	41	1500	2867	2	10	1	yes	yes	yes			
Iraq						0	1	no	no	no			
Ireland	526	72	509	17	1	20	1	yes	yes	yes			
Isle of Man	3	100	0	3	1			yes	yes	yes			
Israel	120	78			1	10	1			yes			
Italy	1578	17			3								
Jamaica	70	21	8	63	3	r	3	yes	yes	yes			
Japan	14737	59			3			yes	yes	yes			
Jordan						0	1	no	no	no			
Kenya	828	20	121	707	1	0	1	yes	yes	yes			
Kiribati	r	2			1								
Kyrgyzstan	677	100			3	83	3	yes	yes	yes			
Lao People's Democratic Republic	2237	13	2237		2			yes	yes	yes			
Latvia	3072	92	2403	669	3	100	2	yes	yes	yes			
Lesotho	3	7			1								
Liberia	445	10	265	180	1	100	1	yes	yes	yes			
Liechtenstein	7	100	2	5	1			yes	yes	yes			

**QUESTION 14: WHAT IS THE AREA OF FOREST UNDER A FOREST MANAGEMENT PLAN AND HOW IS THIS MONITORED?**
**Table 39. Forest management plan 2010 and monitoring**

Country/Territory	Forest area with management plan				Tier status	% forest management plan monitored annually	Tier status	Requirements for forest management plans include					
	Total (1 000 ha)	% of forest area	...of which for					Soil and water management	High conservation value forest delineation	Social consideration/ community involvement			
			Production (1 000 ha)	Conservation (1 000 ha)									
Lithuania	2170	100	1879	291	3	20	3	yes	yes	yes			
Madagascar	3140	25	2	3138	1			yes	yes	yes			
Malawi	0	0	0	0	3	0	3	yes	yes	yes			
Malaysia	13394	61	9637	3757	3	100	3	yes	yes	yes			
Mali	589	12	220	369	1	15	1			yes			
Malta	r	100			1			no	no	no			
Marshall Islands								no	no	no			
Martinique	3	6	3		3			yes	yes	yes			
Mauritania	6	3	2	4	1	50	1						
Mauritius	8	21	0	8	2	100	2	yes	yes	yes			
Mayotte	2	25		2	3			yes	yes	yes			
Mexico	17873	27	15425	2448	3	4	3	yes	yes	yes			
Monaco	0		0	0	1	0	1	no	no	no			
Mongolia	400	3			3	10	3	yes	yes				
Montenegro	353	43			1	100	2	yes	yes	yes			
Morocco	2688	47	659	2029	3	36	3	yes	yes	yes			
Mozambique	29051	75	20000	9051	3	65	3	yes	yes	yes			
Myanmar	31273	98	26372	4901	3			yes	yes	yes			
Namibia	136	2			2	0	1	no	yes	yes			
Nauru	0		0	0	1	0	1	no	no	no			
Nepal	1500	41			3	0	3	yes	yes	yes			
Netherlands	297	80			1								
Netherlands Antilles**								no	no	no			
New Zealand	7336	72	2175	5161	2			no	no	no			
Nicaragua	317	10	317		3	80	3	yes	yes	yes			
Niger	220	18			3	2	3	yes	yes	yes			
Nigeria	3730	41	1730	2000	1	10	1	yes	yes	yes			
Norfolk Island					1			no	no	no			
Norway	3379	28	2902	477	3	0	3	yes	yes	no			
Oman				1		r	3	yes	yes				
Pakistan	0	0	0	0	1	0	1	no	no	no			
Panama	44	1	27	17	3	100	3	yes	yes	yes			
Papua New Guinea	10447	31	8758	1689	3	75	3	no	yes	yes			
Paraguay	355	2		355	1			yes	yes	yes			

**QUESTION 14: WHAT IS THE AREA OF FOREST UNDER A FOREST MANAGEMENT PLAN AND HOW IS THIS MONITORED?**
**Table 39. Forest management plan 2010 and monitoring**

Country/Territory	Forest area with management plan				Tier status	% forest management plan monitored annually	Tier status	Requirements for forest management plans include					
	Total (1 000 ha)	% of forest area	...of which for					Soil and water management	High conservation value forest delineation	Social consideration/ community involvement			
			Production (1 000 ha)	Conservation (1 000 ha)									
Peru	27478	37	7677	19801	3	2	3	yes	yes	yes			
Philippines	2923	43	2923	0	3	10	2	yes	yes	yes			
Pitcairn								no	no	no			
Poland	8663	93	8468	195	3			yes	yes	no			
Portugal	726	22	686	40	2	5	2	yes	yes	yes			
Qatar	0		0	0	1	0	1	no	no	no			
Republic of Korea	3182	51	1300	1882	3				yes				
Réunion	54	61	4	50	1	90	1	yes	yes	yes			
Romania	5653	87			3	10	1	yes	yes	yes			
Russian Federation	815136	100	421491	393645	2	14	2	no	yes	yes			
Rwanda								yes	yes	yes			
Saint Kitts and Nevis	11	100	0	11	2	100	2	yes	yes	yes			
Saint Lucia	0	0			3			yes	yes	yes			
Saint Martin (French part)	r	10		r	3			yes	no	yes			
Saint Pierre and Miquelon	r	11			2			no	no	no			
Saint-Barthélemy	0		0	0	1								
San Marino	0		0	0	1	0	1	no	no	no			
Senegal	1357	16	446	911	2	100	2	yes		yes			
Serbia	2252	83	2126	126	3	10	2	yes	yes	no			
Seychelles	15	37	0	15	1	90	2	yes	yes	yes			
Sierra Leone				75	3	82	3	yes	yes	yes			
Singapore	2	14	0	2	2	100	2	no	no	no			
Slovakia	1939	100	807	1132	1	10	3	yes	yes	no			
Slovenia	1247	100	1237	10	3	100	3	yes	yes	no			
Solomon Islands	12	1	12	0	1	0	1	no	no	no			
Somalia	0	0	0	0	1	0	1	no	no	no			
South Africa	3982	43	1572	2410	2	82	2	yes	yes	yes			
South Sudan								no	no	no			
Spain	3566	20			3	19	3	yes	yes	yes			
Sri Lanka	560	27	73	487	2	55	2	yes	yes	yes			
Sudan	14855	74	7896	6959	1	7	1	yes	yes	yes			
Suriname	3260	21	1187	2074	2	1	1	yes	yes	yes			
Swaziland	134	24	88	45	3	100	2	yes	yes	yes			

**QUESTION 14: WHAT IS THE AREA OF FOREST UNDER A FOREST MANAGEMENT PLAN AND HOW IS THIS MONITORED?**
**Table 39. Forest management plan 2010 and monitoring**

Country/Territory	Forest area with management plan				Tier status	% forest management plan monitored annually	Tier status	Requirements for forest management plans include					
	Total (1 000 ha)	% of forest area	...of which for					Soil and water management	High conservation value forest delineation	Social consideration/ community involvement			
			Production (1 000 ha)	Conservation (1 000 ha)									
Sweden	27000	96		3470	1	0	3	no	no	no			
Switzerland	886	72			3			yes	no	yes			
Syrian Arab Republic	250	51			1								
Tajikistan	410	100	22	388	3	100	3	yes	yes	no			
Thailand	13312	82	2931	10380	3	78	2	yes	yes	yes			
The former Yugoslav Republic of Macedonia	918	92			1								
Tokelau	0		0	0	1	0	1	no	no	no			
Tonga	1	13	1	1	1	100	1	yes	yes	yes			
Trinidad and Tobago	143	63			2								
Tunisia	500	51			3	100	3	yes		yes			
Turkey	11203	100	7730	3473	3	100	3	yes	yes	yes			
Tuvalu								no	no	no			
Uganda								yes	yes	yes			
Ukraine	8533	89	5122	1289	2	15	1	yes	yes	yes			
United Arab Emirates	0	0	0	0	1								
United Kingdom	1521	50			1	89	1	yes	yes	yes			
United Republic of Tanzania	28577	60	255	28322	3			yes	yes	yes			
United States of America	202342	66	83790	118552	3	65	3	yes	yes	yes			
United States Virgin Islands	r	2			1								
Uruguay	1543	89	1130	413	2	89	2	yes	yes	no			
Uzbekistan	3276	100	6	3270	2	15	2	yes	yes	yes			
Venezuela (Bolivarian Republic of)	2852	6	1996	856	3	100	3	yes	yes	yes			
Viet Nam	8375	59	6373	2002	2	28	2	yes	yes	yes			
Wallis and Futuna Islands	0	0	0	0	3	0	3	no	no	no			
Yemen	0	0	0	0	1								
Zambia	11479	23	1722	9757	3	8	3	yes	yes	yes			
Zimbabwe	909	6	108	801	3	2	1	yes	yes	yes			

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

**QUESTION 15: HOW ARE STAKEHOLDERS INVOLVED IN THE MANAGEMENT DECISION-MAKING  
FOR PUBLICLY-OWNED FORESTS?**

**Table 40. Stakeholder involvement at operational scale**

Country/Territory	Stakeholder involvement				Tier
	Planning phase	Operations phase	Review of operations		
Afghanistan	no	no	no		1
Albania	yes	yes	yes		1
Algeria	yes	yes	no		1
Angola	yes	no	no		1
Anguilla	no	no	no		1
Antigua and Barbuda	no	no	no		1
Argentina	yes	yes	yes		3
Armenia	yes	yes	yes		3
Aruba	no	no	no		1
Australia	yes	yes	yes		3
Austria	no	no	no		1
Azerbaijan	no	no	no		1
Bahrain	no	no	no		1
Bangladesh	yes	yes	yes		2
Belarus	no	no	no		3
Belgium	yes	no	yes		3
Benin	yes	yes	yes		3
Bermuda	no	no	no		1
Bhutan	yes	yes	yes		3
Bolivia (Plurinational State of)	no	yes	yes		2
Bosnia and Herzegovina	no	no	no		1
Botswana	yes	yes	yes		1
Brazil	yes	yes	yes		2
British Virgin Islands	no	no	no		1
Bulgaria	yes	no	yes		3
Burkina Faso	yes	yes	yes		3
Burundi	yes	yes	yes		3
Cabo Verde	yes	yes			1
Cambodia	no	no	no		3
Cameroon	yes	yes	yes		3
Canada	yes	yes	yes		3
Cayman Islands	no	no	no		1
Central African Republic	yes				3
Chad	yes	yes	yes		1
Chile	yes	yes	no		3
China	yes	yes	yes		3

**QUESTION 15: HOW ARE STAKEHOLDERS INVOLVED IN THE MANAGEMENT DECISION-MAKING  
FOR PUBLICLY-OWNED FORESTS?**

**Table 40. Stakeholder involvement at operational scale**

Country/Territory	Stakeholder involvement			
	Planning phase	Operations phase	Review of operations	Tier
Colombia	yes	yes	yes	3
Congo	yes	yes	yes	3
Cook Islands	yes	yes	yes	1
Costa Rica	yes	yes		2
Côte d'Ivoire	yes	yes		1
Croatia	yes	no	no	1
Cuba	yes	yes	yes	3
Cyprus	yes	yes	yes	3
Czech Republic	yes	no	no	3
Democratic People's Republic of Korea	no	no	no	1
Democratic Republic of the Congo	yes	yes	yes	1
Denmark	yes	yes	yes	2
Dominican Republic	yes	yes	yes	2
Ecuador	yes	yes	yes	3
El Salvador	yes	yes	yes	1
Equatorial Guinea	yes	yes	yes	3
Estonia	no	no	no	1
Falkland Islands (Malvinas)*	no	no	no	1
Faroe Islands	no	no	no	1
Finland	yes	yes	no	3
France	yes	yes	yes	3
French Guiana	yes	yes	yes	3
Gabon	yes	yes	yes	2
Gambia	yes	yes	yes	3
Georgia	yes	yes	yes	3
Germany	yes	yes	yes	3
Gibraltar	no	no	no	1
Greenland	yes	yes	yes	1
Guadeloupe	yes	yes	yes	2
Guam	no	no	no	1
Guatemala	yes	yes	yes	3
Guinea	yes	yes	yes	1
Guyana	yes	yes	no	3
Holy See	no	no	no	1
Honduras	yes	yes	yes	2
Hungary	yes	yes	yes	3

**QUESTION 15: HOW ARE STAKEHOLDERS INVOLVED IN THE MANAGEMENT DECISION-MAKING  
FOR PUBLICLY-OWNED FORESTS?**

**Table 40. Stakeholder involvement at operational scale**

Country/Territory	Stakeholder involvement				Tier
	Planning phase	Operations phase	Review of operations		
Iceland	yes	yes	yes		1
India	yes	yes	yes		2
Indonesia	no	yes	yes		2
Iran (Islamic Republic of)	yes	yes	yes		2
Iraq	no	no	no		1
Ireland	yes	yes	yes		1
Isle of Man	yes	yes	yes		3
Israel	yes	no	yes		3
Italy	yes	no	yes		1
Jamaica	yes	yes	yes		3
Japan	yes	yes	yes		3
Jordan	no	no	no		1
Kenya	yes	yes	yes		3
Kyrgyzstan	no	yes	yes		2
Lao People's Democratic Republic	yes	yes	yes		2
Latvia	yes	yes	yes		2
Lebanon	yes				3
Liberia	yes	yes	yes		2
Liechtenstein	yes	yes	yes		1
Lithuania	yes	no	no		3
Madagascar	yes	yes	yes		3
Malawi	yes	yes	yes		3
Malaysia	yes	yes	yes		3
Mali	yes	yes	yes		3
Malta	no	no	no		1
Marshall Islands	no	no	no		1
Martinique	yes	yes	yes		2
Mauritania	yes	yes	yes		1
Mauritius	no	no	no		2
Mayotte	yes	yes	yes		2
Mexico	yes	yes	yes		3
Monaco	no	no	no		1
Mongolia	yes	yes	yes		3
Montenegro	yes	no	yes		3
Morocco	yes	yes	yes		3
Mozambique	yes	yes	yes		3

**QUESTION 15: HOW ARE STAKEHOLDERS INVOLVED IN THE MANAGEMENT DECISION-MAKING FOR PUBLICLY-OWNED FORESTS?**

**Table 40. Stakeholder involvement at operational scale**

Country/Territory	Stakeholder involvement			
	Planning phase	Operations phase	Review of operations	Tier
Myanmar	no	no	no	1
Namibia	yes	yes	no	2
Nauru	no	no	no	1
Nepal	yes	yes	yes	2
Netherlands	no	no	no	1
Netherlands Antilles**	no	no	no	1
New Zealand	no	no	no	1
Nicaragua			yes	1
Niger	yes	yes	yes	2
Nigeria	yes	yes	yes	2
Norfolk Island	no	no	no	1
Norway	no	no	no	3
Pakistan	no	no	no	1
Panama	yes	yes	yes	3
Papua New Guinea	yes	yes	yes	3
Paraguay	yes	yes	yes	1
Peru	yes	yes	yes	3
Philippines	yes	yes	yes	3
Pitcairn	no	no	no	1
Poland	yes	no	no	3
Portugal	yes	no	no	3
Qatar	no	no	no	1
Réunion	yes	yes	yes	1
Romania	yes	no	no	1
Russian Federation	yes	no	yes	2
Rwanda	yes	yes	yes	2
Saint Kitts and Nevis	yes	yes	yes	3
Saint Lucia	yes	yes	no	2
Saint Martin (French part)	yes	yes	yes	3
Saint Pierre and Miquelon	no	no	yes	2
San Marino	no	no	no	1
Senegal	yes	yes	yes	3
Serbia	yes	yes	yes	3
Seychelles	yes	yes	yes	3
Sierra Leone	yes	yes	yes	3
Singapore		yes	yes	1

**QUESTION 15: HOW ARE STAKEHOLDERS INVOLVED IN THE MANAGEMENT DECISION-MAKING  
FOR PUBLICLY-OWNED FORESTS?**

**Table 40. Stakeholder involvement at operational scale**

Country/Territory	Stakeholder involvement				Tier
	Planning phase	Operations phase	Review of operations		
Slovakia	yes	yes	yes		3
Slovenia	yes	yes	yes		3
Solomon Islands	no	no	no		1
Somalia	yes	yes	yes		3
South Africa	no	no	yes		3
South Sudan	no	no	no		3
Spain	no	no	no		1
Sri Lanka	yes	yes	yes		3
Sudan	yes	yes	yes		3
Suriname	yes	yes	yes		3
Swaziland	yes	yes	yes		1
Sweden	yes	no	no		1
Switzerland	yes	no	yes		3
Tajikistan	no	yes	no		3
Thailand	yes	yes	yes		2
Togo	yes	yes	yes		2
Tokelau	no	no	no		1
Tonga	yes	yes	yes		1
Trinidad and Tobago	yes				3
Tunisia	yes	yes	yes		2
Turkey	yes	yes	no		3
Tuvalu	no	no	no		1
Uganda	yes		yes		2
Ukraine	yes	no	yes		3
United Kingdom	yes	yes	yes		3
United Republic of Tanzania	yes	yes	yes		3
United States of America	yes	yes	yes		1
Uruguay	yes	yes	yes		3
Uzbekistan	no	yes	no		2
Venezuela (Bolivarian Republic of)	yes	yes	yes		3
Viet Nam	yes	yes	yes		3
Wallis and Futuna Islands	no	no	no		3
Zambia	yes				3
Zimbabwe	yes	yes	yes		3

\*A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

\*\* Sum of Bonaire, Saint Eustatius and Saba, Curaçao and Sint Maarten (Dutch part).

**QUESTION 16: WHAT IS THE AREA OF FOREST UNDER AN INDEPENDENTLY VERIFIED FOREST CERTIFICATION SCHEME?**
**Table 41. Forest Stewardship Council (FSC) certification 2000–2014**

Country/Territory	Forest area (1 000 ha)														
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013*	2014*
Argentina	0	0	34	53	78	78	78	223	208	311	450	526	255	262	276
Australia	0	0	0	0	395	511	511	550	529	532	603	819	972	915	1081
Austria	0	0	7	7	7	8	5	5	4	5	5	r	r	1	1
Belarus	0	0	0	107	107	107	107	2517	2517	3645	4080	3795	5970	5736	4901
Belgium	0	0	5	5	6	6	6	11	10	17	15	17	20	21	21
Belize	0	0	105	105	105	105	105	105	105	105	105	170	170	170	65
Bolivia (Plurinational State of)	0	0	581	762	953	1161	1464	1870	1825	1774	1744	1335	1273	908	891
Bosnia and Herzegovina	0	0	0	0	0	0	0	62	171	123	109	988	1006	1289	1519
Brazil	638	940	1241	1337	1615	3119	3282	4840	5386	5331	5169	6383	6480	7298	5645
Bulgaria	0	0	0	0	0	0	20	22	106	104	304	218	218	194	637
Cambodia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Cameroon	0	0	0	0	0	0	97	0	167	564	705	1105	640	1013	1013
Canada	30	123	1030	4212	4366	15231	19617	24353	27313	32228	40601	46272	54081	57666	55332
Chile	0	0	0	0	0	0	0	293	309	384	402	519	528	1125	2348
China	0	0	0	0	0	0	0	0	0	0	0	0	0	3133	3144
Colombia	0	0	0	0	0	0	0	0	0	0	0	0	0	114	127
Congo	0	0	0	0	0	0	0	296	748	1908	1908	2431	2479	1574	1319
Costa Rica	0	0	101	92	73	75	75	51	63	53	56	44	38	32	53
Croatia	0	0	1324	1324	1323	1323	1322	1322	1322	1321	1321	1321	1320	2038	2038
Czech Republic	11	11	11	11	14	26	34	15	109	53	41	50	50	50	50
Democratic Republic of the Congo	0	0	0	0	0	0	0	0	0	0	0	523	0	0	0
Denmark	0	0	0	0	0	0	0	188	190	190	192	196	196	199	200
Ecuador	0	0	27	27	27	27	27	10	32	24	41	17	61	54	53
Estonia	0	0	1083	1083	1083	1083	1083	1064	1083	1083	1082	1087	1107	1141	1177
Fiji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
Finland	0	0	r	r	r	r	10	9	10	10	10	r	395	432	462
France	1	12	18	19	18	18	18	17	18	20	17	16	18	19	24
Gabon	0	0	0	0	0	0	0	0	0	1874	1874	1874	1874	1874	2054
Germany	0	0	460	471	440	562	519	476	442	452	374	385	635	572	966
Ghana	0	0	0	0	0	0	0	0	0	151	2	242	2	2	2
Greece	0	0	0	0	0	37	37	32	32	37	0	0	0	0	0

**QUESTION 16: WHAT IS THE AREA OF FOREST UNDER AN INDEPENDENTLY VERIFIED FOREST CERTIFICATION SCHEME?**

**Table 41. Forest Stewardship Council (FSC) certification 2000–2014**

**QUESTION 16: WHAT IS THE AREA OF FOREST UNDER AN INDEPENDENTLY VERIFIED FOREST CERTIFICATION SCHEME?**
**Table 41. Forest Stewardship Council (FSC) certification 2000–2014**

Country/Territory	Forest area (1 000 ha)														
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013*	2014*
Poland	0	0	3717	6961	6973	6978	6978	4800	4624	6990	6387	6967	6949	6999	6920
Portugal	0	0	0	0	0	51	51	75	186	193	434	268	300	330	340
Republic of Korea	0	0	0	0	0	0	36	156	156	220	221	296	296	375	381
Romania	0	0	32	32	32	49	942	1093	1080	917	915	717	717	2387	2554
Russian Federation	0	0	147	1471	1574	4916	8351	15927	17975	21370	26526	28770	28680	35767	36707
Serbia	0	0	0	0	0	0	0	40	169	369	372	1019	1019	998	1018
Slovakia	0	0	0	0	0	115	162	162	174	147	140	140	147	145	147
Slovenia	0	0	0	0	0	0	0	262	270	212	257	269	265	256	250
Solomon Islands	0	0	39	39	39	39	39	39	39	39	0	64	64	65	65
South Africa	1007	1007	1134	1637	1761	1721	1721	1551	1075	1679	2152	1744	1540	1545	1479
Spain	0	0	0	7	7	104	106	165	116	127	140	142	152	133	195
Sri Lanka	0	0	9	12	18	18	18	16	18	23	23	23	39	31	37
Suriname	0	0	0	0	0	0	0	0	65	65	89	24	89	24	114
Swaziland	17	17	17	17	17	17	17	87	87	177	114	114	111	111	112
Sweden	0	0	11974	9587	9311	9652	9697	11234	10647	9736	10971	11328	11573	11690	12072
Switzerland	0	0	0	0	499	652	674	673	668	674	651	642	640	624	585
Thailand	0	0	8	8	3	3	3	2	6	19	19	19	23	192	26
Turkey	0	0	0	0	0	0	0	0	0	0	0	80	700	1380	2347
Uganda	0	0	192	192	192	192	192	112	204	223	101	107	112	27	40
Ukraine	0	203	203	0	203	143	790	1409	1009	1555	1263	1269	1455	1631	1439
United Kingdom	0	1061	1075	0	1160	1257	1273	1325	1310	1332	1347	1325	1365	1571	1597
United Republic of Tanzania	0	0	0	0	0	0	0	16	16	36	21	47	51	113	132
United States of America	0	0	3510	3654	5475	7359	9694	9186	9755	11684	13105	13688	14180	14275	15716
Uruguay	0	0	20	20	20	133	152	374	408	1060	2610	1212	807	826	925
Venezuela (Bolivarian Republic of)	0	0	0	0	140	140	140	140	140	140	140	140	140	140	
Viet Nam	0	0	0	0	0	0	0	10	10	10	10	16	41	49	137
Zambia	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Zimbabwe	0	0	123	123	123	104	104	108	108	55	0	0	0	0	0

\* Data provided by FSC.

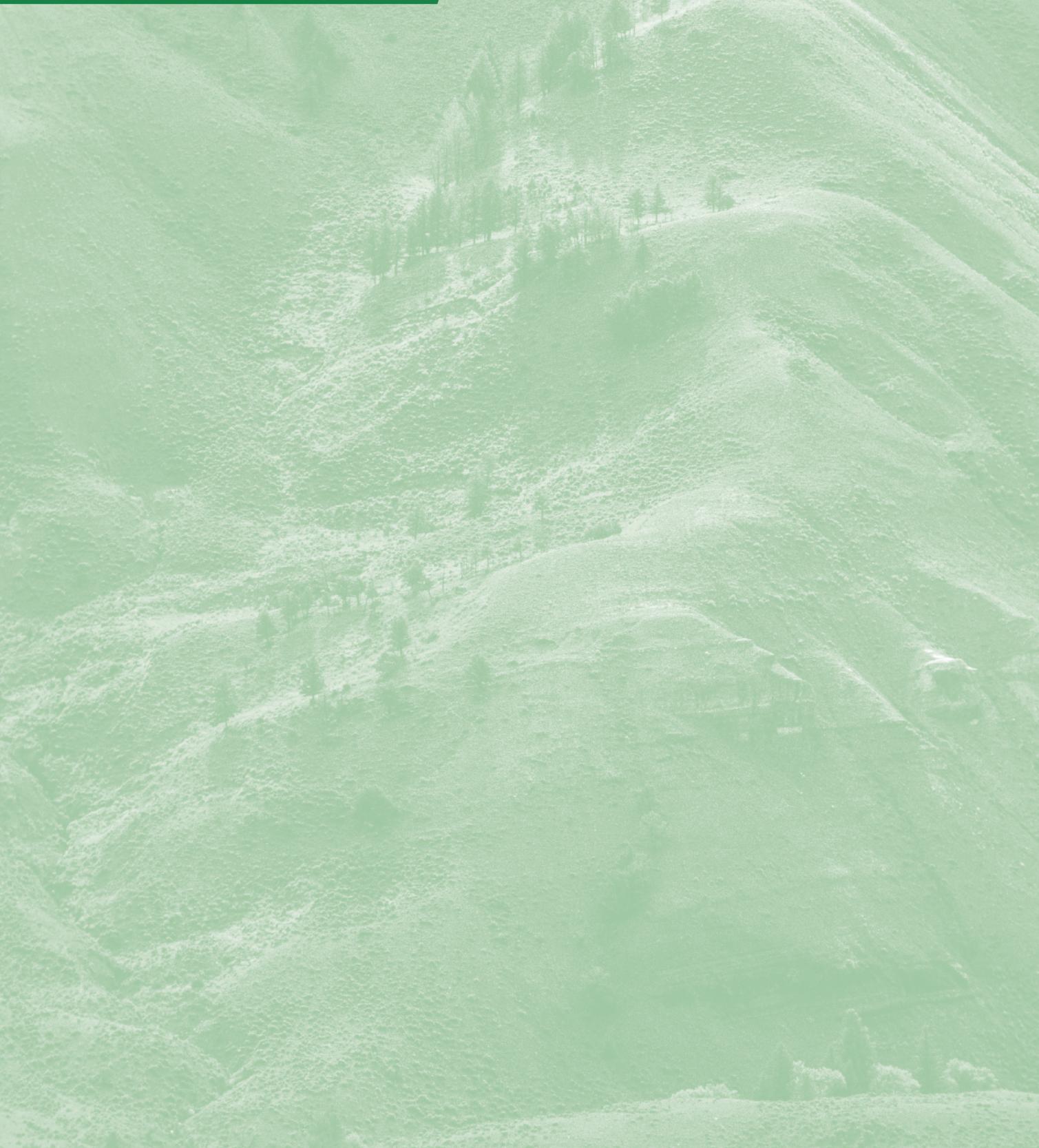
**QUESTION 16: WHAT IS THE AREA OF FOREST UNDER AN INDEPENDENTLY VERIFIED FOREST CERTIFICATION SCHEME?****Table 42. Programme for the Endorsement of Forest Certification (PEFC) 2000–2014**

Country/Territory	Forest area (1 000 ha)														
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Australia	0	0	0	0	1093	5166	5735	8674	7885	7372	10147	10070	10114	10452	10056
Austria	550	3050	3924	3924	3924	3924	3960	3960	2039	1956	1956	2384	2650	2741	2782
Belarus	0	0	0	0	0	0	0	0	0	0	7641	8118	8800	4172	8256
Belgium	0	0	0	162	231	244	249	255	262	281	278	286	293	289	289
Brazil	0	0	0	0	0	555	555	883	1114	1285	2183	1859	2205	1742	1637
Canada	1040	8210	12751	25776	35533	36135	31353	39139	39375	42459	50131	55074	57578	121229	116631
Chile	0	0	0	928	1612	1637	1758	1823	1912	1914	1952	1952	1952	1917	1905
Czech Republic	0	0	1789	1910	1936	1957	1976	1874	1880	1824	1856	1856	1827	1845	1845
Denmark	0	0	0	7	12	14	24	205	210	219	227	246	253	223	253
Estonia	0	0	0	0	0	0	0	0	0	0	51	878	898	898	1836
Finland	22	22	22	22298	22356	22367	22144	20720	20720	20806	20787	21068	20900	20931	20620
France	0	0	791	2880	3620	4068	4401	4577	5067	5089	5152	5036	5223	6872	7921
French Guiana	0	0	0	0	0	0	0	0	0	0	0	0	0	2425	
Germany	3020	5300	5957	6762	6958	7024	7194	7272	7124	7343	7391	7395	7400	7199	7358
Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	376
Italy	0	0	0	0	356	607	638	652	700	705	745	761	769	780	737
Latvia	0	0	17	21	31	38	38	81	0	0	0	1622	1622	1684	1684
Luxembourg	0	0	0	0	0	17	20	25	26	28	27	28	30	30	31
Malaysia	0	0	0	0	0	0	0	0	107	164	4317	4635	4635	4650	4650
Norway	5600	9100	9352	9149	9232	9232	9232	7537	7397	9116	9116	9116	9126	9126	9126
Poland	0	0	0	0	0	0	0	0	0	0	317	4001	6691	7304	7304
Portugal	0	0	0	0	0	50	50	0	0	200	205	217	219	236	236
Russian Federation	0	0	0	0	0	0	0	0	0	0	51	878	898	583	2082
Slovakia	0	0	0	0	0	72	336	1167	1221	1266	1262	1240	1239	1243	1243
Slovenia	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Spain	0	0	87	88	316	384	525	1048	1085	1145	1290	1461	1580	1607	1617
Sweden	1334	1983	2259	3757	4076	6512	7042	7428	7613	7969	8382	11043	11100	9813	9813
Switzerland	0	0	0	0	357	433	453	449	462	444	422	397	386	206	182
United Kingdom	0	0	0	0	0	0	0	0	0	0	0	0	1092	1318	1352
United States of America	0	0	0	0	0	0	0	0	9978	10292	10349	10853	10732	34028	33285

**QUESTION 16: WHAT IS THE AREA OF FOREST UNDER AN INDEPENDENTLY VERIFIED FOREST CERTIFICATION SCHEME?**

**Table 43. Domestic forest management certification 2000–2012**

# Economics and livelihoods



**QUESTION 17: HOW MUCH MONEY DO GOVERNMENTS COLLECT FROM AND SPEND ON FORESTS?****QUESTION 20: WHAT IS THE CONTRIBUTION OF FORESTRY TO GROSS DOMESTIC PRODUCT (GDP)?****Table 44. Revenues, expenditures and contribution of forestry to GDP (1 000 USD)**

Country/Territory	Forest revenue			Public expenditure			Gross value added from forestry	
	2000	2005	2010	2000	2005	2010	Total	Year
Afghanistan							32	2010
Albania	871	1054		6119	9587		59	2010
Algeria	6087	4612	5258	54823	111625	120991		
Angola	1044	110	103	7673	63	588		
Argentina			14042057	30725363	14588842	31821255	231	2012
Armenia	997	1389	1024	1182	2447	3024	8	2011
Australia							1291	2012
Austria					143349		1626	2012
Azerbaijan					32684		1	2010
Bahrain	0	0	0					
Bangladesh	11906	14991	10549	8304	11972	29973	903	2011
Belarus	24386	70027	129418	22249	65606	82605	265	2010
Belgium	44489	87920	126778	19490	41843	28057	187	2007
Belize							4	2010
Benin		3886	4505		18786	10756	4	2005
Bhutan			22758			27835	51	2012
Bolivia (Plurinational State of)							220	2012
Bosnia and Herzegovina							151	2010
Botswana		111	86			11856	87	2010
Brazil	1353967	2312014	3621653	90852	64142	163693	10258	2011
Brunei Darussalam	393	501		5545	6578		2	2010
Bulgaria	35549	45987	47662	39696	57859	34770	111	2010
Burkina Faso	466	653	1549		5153		216	2008
Burundi	24						10	2008
Cabo Verde						2221987	7	2007
Cambodia	11604	1415		355	1005		340	2011
Cameroon	34175	46896	21490				516	2010
Canada	1217507	1286298	549958				4201	2012
Central African Republic	5330	7945					58	2011
Chad	281	286						
Chile	3798	4752	15557	12094	49655	65922	5229	2012
China	381365	311066	537335	1808191	4919905	11657718		
Colombia						345049	1028	2011

**QUESTION 17: HOW MUCH MONEY DO GOVERNMENTS COLLECT FROM AND SPEND ON FORESTS?****QUESTION 20: WHAT IS THE CONTRIBUTION OF FORESTRY TO GROSS DOMESTIC PRODUCT (GDP)?****Table 44. Revenues, expenditures and contribution of forestry to GDP (1 000 USD)**

Country/Territory	Forest revenue			Public expenditure			Gross value added from forestry	
	2000	2005	2010	2000	2005	2010	Total	Year
Comoros							26	2010
Congo	28091	47396					37	2010
Costa Rica	12	14		10	21		132	2013
Côte d'Ivoire							146	2010
Croatia	453	795	2046		792	18477	236	2009
Cuba		6246	3643		145000	180000		
Cyprus	524	435	711	9767	22451	50604	3	2011
Czech Republic							1376	2011
Democratic People's Republic of Korea							340	2010
Democratic Republic of the Congo			4650					
Denmark	30929	39687	40362	80253	46157	34175	392	2011
Djibouti							r	2010
Dominica							1	2011
Dominican Republic	1097	819	777	7615	8194	12062		
Ecuador					376	6482	1063	2012
Egypt	15115	11418		8640	6057			
El Salvador							154	2008
Equatorial Guinea	5664	11954	9322	2380	6647	8985		
Estonia					4003	6666	356	2013
Ethiopia							879	2011
Falkland Islands (Malvinas)*	0	0	0	0	0	0		
Faroe Islands	0	0	0	0	0	0	0	2010
Fiji	203	2259		1829	5739		26	2010
Finland			593342			243085	3702	2012
France	0	0	0	386406	630638	644458	3062	2010
French Guiana		1816	2364		5524	5691		
French Polynesia	53	16	17		5	5		
Gabon	142561	17411	371972	1320	18271	5715	128	2010
Gambia	209	90	481	818	8205	161	5	2010
Georgia			2101			6590	51	2012
Germany				176893	157937	141184	3440	2010
Ghana							1045	2011

## **QUESTION 17: HOW MUCH MONEY DO GOVERNMENTS COLLECT FROM AND SPEND ON FORESTS?**

**QUESTION 20: WHAT IS THE CONTRIBUTION OF FORESTRY TO GROSS DOMESTIC PRODUCT (GDP)?**

**Table 44. Revenues, expenditures and contribution of forestry to GDP (1 000 USD)**

**QUESTION 17: HOW MUCH MONEY DO GOVERNMENTS COLLECT FROM AND SPEND ON FORESTS?****QUESTION 20: WHAT IS THE CONTRIBUTION OF FORESTRY TO GROSS DOMESTIC PRODUCT (GDP)?****Table 44. Revenues, expenditures and contribution of forestry to GDP (1 000 USD)**

Country/Territory	Forest revenue			Public expenditure			Gross value added from forestry	
	2000	2005	2010	2000	2005	2010	Total	Year
Lithuania	16008	32222	51989	3096	4686	9745	199	2010
Luxembourg	1117	1308	1393				12	2008
Madagascar	32944	37762	96784				642	2011
Malawi	1226	1388	3323	2083	1807	12626	36	2007
Malaysia	402917	424123	467399	75138	98547	261644	3005	2011
Mali	294	692	1513		21248	5896	407	2011
Malta							0	2010
Martinique	96	87	98	664	1362	1722		
Mauritania		18	211		565	1698		
Mauritius	818	1214	805	5691	6279	8051	104	2011
Mayotte			0			199		
Mexico		205651986	413929780		205651986	413929780	1796	2007
Monaco	0	0	0	0	0	0		
Mongolia	528	658	1460	520	670	3852	542	2011
Montenegro			8088			8088		
Montserrat							r	2011
Morocco	63929	76838	98962	111696	185448	200082	99	2003
Mozambique	868105	6488996	6552936				r	2010
Myanmar	2743	2041	4658	4481	4158	21121	163	2010
Namibia		88	91					
Nauru	0	0	0	0	0	0		
Nepal	10324	8449	11619	21725	27128	54678	50	2010
Netherlands				41970	83328	94972	86	2012
New Caledonia	0	0					4	2010
New Zealand	56552	106503	147675	107999	189556	239334	742	2010
Nicaragua							50	2011
Niger	285	1739	711	13644	7626	35637	146	2011
Nigeria				4	4	333	801	2009
Niue	0	0	0					
Norway					31556	48890	926	2011
Pakistan							539	2010
Panama		1707	5038	2483	459	391	59	2012
Papua New Guinea	48830	41908	273490	7529	7552	9929	287	2011

**QUESTION 17: HOW MUCH MONEY DO GOVERNMENTS COLLECT FROM AND SPEND ON FORESTS?****QUESTION 20: WHAT IS THE CONTRIBUTION OF FORESTRY TO GROSS DOMESTIC PRODUCT (GDP)?****Table 44. Revenues, expenditures and contribution of forestry to GDP (1 000 USD)**

Country/Territory	Forest revenue			Public expenditure			Gross value added from forestry	
	2000	2005	2010	2000	2005	2010	Total	Year
Paraguay	1306	1025	4992	2393	982	4111	257	2010
Peru		6501	4470			9837	208	2011
Philippines	3264	2476	3477	43980	35988	94155	90	2011
Poland	22187	42295	54807	55843	91377	162830	1827	2011
Portugal							248	2010
Qatar	0	0	0	0	0	0		
Republic of Korea	270721	485013	711352	649291	858819	1780423	1178	2012
Republic of Moldova							12	2010
Réunion	0	0	0	2764	3731	3973		
Romania				6915	33606	47199	875	2011
Russian Federation	280571	1016268	637880	319357	988758	1013098	2522	2011
Rwanda		359			668		140	2011
Saint Kitts and Nevis							r	2011
Saint Lucia		105	85		802	1056	r	2010
Saint Martin (French part)						84		
Saint Vincent and the Grenadines							r	2010
Saint-Barthélemy	0	0	0	0	0	0		
Samoa							2	2010
San Marino	0	0	0	0	0	0	0	2010
Saudi Arabia					18948			
Senegal	1490	3157	3271	9456	51404	22856	152	2010
Serbia		10054	131277		8085	130304	r	2009
Seychelles	0	0	0	0	0	0		
Sierra Leone	872	648	473	765			239	2011
Singapore	0	0	0	0	0	0		
Slovakia	1393	2078	3482	13600	18364	22992	413	2011
Slovenia	11611	32037	50835	17277	26279	39611	246	2012
Solomon Islands							43	2009
South Africa		7349				71636	1374	2010
Spain					1270687	2055607	2368	2008
Sri Lanka	3097	3113	7907	4363	7809	8887	257	2012
Sudan	9413	906380	14701	38177	906883	15091	17	2012
Suriname	175690	1180	3084			1939	40	2011

**QUESTION 17: HOW MUCH MONEY DO GOVERNMENTS COLLECT FROM AND SPEND ON FORESTS?****QUESTION 20: WHAT IS THE CONTRIBUTION OF FORESTRY TO GROSS DOMESTIC PRODUCT (GDP)?****Table 44. Revenues, expenditures and contribution of forestry to GDP (1 000 USD)**

Country/Territory	Forest revenue			Public expenditure			Gross value added from forestry	
	2000	2005	2010	2000	2005	2010	Total	Year
Svalbard and Jan Mayen Islands	0	0	0	0	0	0		
Swaziland				180	663	771	11	2011
Sweden	2442283	3582354	4129327	109637	476545	214487	4972	2010
Switzerland				151761	110506	112666	381	2011
Syrian Arab Republic	528	752		19350	34460		6	2010
Tajikistan							2	2010
Thailand	3262	1137	17920				244	2010
The former Yugoslav Republic of Macedonia	33862	41336					31	2009
Timor-Leste					1		4	2010
Togo		140		203	585		43	2011
Tokelau	0	0	0	0	0	0		
Tonga	85	26	5247	222	273	262	3	2011
Trinidad and Tobago	1176	1178		5982	13984		14	2009
Tunisia	10202	11260	8668	44503	32372	30041		
Turkey	375574	651782	1043091	244220	459352	507204	3339	2012
Turkmenistan							1	2010
Uganda							698	2010
Ukraine	136832	388528	744949				439	2011
United Kingdom	188	235	263	374	496	507	631	2011
United Republic of Tanzania	7	10	18	53	77	10	598	2011
United States of America	1279000			5798715	8167721	9750000	2659	2010
Uruguay		66	301		5567	4041	143	2012
Uzbekistan	9994	6846	6322	7139	4890	7318		
Vanuatu	33	45		552	707		6	2009
Venezuela (Bolivarian Republic of)			307429			46965	185	2012
Viet Nam				197773	224164	214905	887	2011
Wallis and Futuna Islands	0	0	0			42		
Yemen				43	37	32		
Zambia	611	1038	109				3	2010
Zimbabwe	3285	4933	0	8153	5941		182	2010

\* A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).

**QUESTION 18: WHO OWNS AND MANAGES THE FORESTS AND HOW HAS THIS CHANGED?**

**Table 45. Forest ownership 1990–2010 (1 000 ha)**

Country/Territory	Public ownership					Private ownership					Unknown ownership				
	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend
Afghanistan	1350	1350	1350	1350	1	0	0	0	0	1	0	0	0	0	1
Albania	789	762	769	763	1	0	7	13	13	1	0	0	0	0	1
Algeria	1275	1208	1175	1557	2	392	371	361	361	2	0	0	0	0	1
Angola	60976	59728	59104	58480	1	0	0	0	0	1	0	0	0	0	1
Argentina	1012	1160	1164	1947	1	767	1077	1175	1189	1					1
Armenia	335	333	332	331	1	0	0	0	0	1	0	0	0	0	1
Australia		92991	94836	89349	2		34878	31060	32506	2		972	1745	1356	2
Austria	805	753	749	732	3	2971	3085	3102	3128	3	0	0	0	0	3
Azerbaijan	852	872	877	1008	1	0	0	0	0	1	0	0	0	0	1
Bahamas	412	412	412	412	1	103	103	103	103	1	0	0	0	0	1
Bahrain	r	r	r	1	1	0	0	0	0	1	0	0	0	0	1
Bangladesh	926	910	902	894	2	538	528	524	519	2	30	30	29	29	2
Barbados	r	r	r	r	2	6	6	6	6	2					
Belarus	7780	8273	8436	8534	3	0	0	0	0	3	0	0	0	0	3
Belgium	294	290	297	304	3	383	377	377	377	3	0	0	0	0	3
Belize	1005				1	581				1	30				
Benin	5743	5043	4767	4517	1	18	18	44	44	1	0	0	0	0	1
Bhutan	2507	2606	2656	2705	3	0	r	r	r	3					1
Bolivia (Plurinational State of)	62775	60071	58714	56189	1	20	20	20	20	1	0	0	0	0	1
Bosnia and Herzegovina	1807	1718	1718	1718	1	403	467	467	467	1	0	0	0	0	1
Botswana	3292	3008	2416	1824	1	10426	9527	9527	9527	1	0	0	0	0	1
Brazil			308085			92130	97591	100067	102492	1			87881		3
Brunei Darussalam	413	397	389		1	0	0	0		1	0	0	0		1
Bulgaria	3327	3092	3250	3286	3	0	283	401	451	3	0	0	0	0	3
Burkina Faso	6847	6248	5949	5649	1	0	0	0	0	1	0	0	0	0	1
Burundi	289	198	181	253	1	0	0	0	0	1	0	0	0	0	1
Cabo Verde	58	82	84	85	3	0	0	0	0	3	0	0	0	0	3
Cambodia	12944	11546	10731	10094	1	0	0	0	0	1	0	0	0	0	1
Cameroon	24316	22116	21016	19916	1	0	0	0	0	1	0	0	0	0	1
Canada	318289	317859	317652	317402	1	28525	28486	28467	28445	1	1459	1457	1457	1455	1
Central African Republic	17484	20769	20359	22002	1	0	0	0	0	1	5076	1635	1967	246	1
Chad	6705	6326	6141	5508	1	0	0	0	0	1	0	0	0	0	1
Chile	3802	3945	3997	4052	2	11461	11889	12045	12179	2	0	0	0	0	2

**QUESTION 18: WHO OWNS AND MANAGES THE FORESTS AND HOW HAS THIS CHANGED?**

**Table 45. Forest ownership 1990–2010 (1 000 ha)**

Country/Territory	Public ownership					Private ownership					Unknown ownership				
	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend
China	157141	143052	132100	115211	3	0	33949	60944	85400	3	0	0	0	0	1
Colombia					1			29847							
Comoros	49	45	42	39	1	0	0	0	0	1	0	0	0	0	1
Congo	22726	22556	22471	22411	1	0	0	0	0	1	0	0	0	0	1
Cook Islands	0	0	0	0	1	15	16	16	16	1	0	0	0	0	1
Costa Rica	623	577	1125		3	1942	1799	1366		3	0	0	0		3
Côte d'Ivoire	10222	10328	10286	10284	1	0	0	119	119	1	0	0	0	0	1
Croatia	1400	1398	1397	1376	2	450	487	506	544	2	0	0	0	0	2
Cuba	1708	2021	2563	2724	2	350	414	134	208	2	0	0	0	0	1
Cyprus	106	106	119	119	2	55	66	54	54	1	0	0	0	0	1
Czech Republic	2519	2031	2007	2036	3	110	606	640	621	3	0	0	0	0	3
Democratic People's Republic of Korea	8201	6933	6299	5666	1	0	0	0	0	1	0	0	0	0	1
Democratic Republic of the Congo	160363	157249	155692	154135	3	0	0	0	0	3	0	0	0	0	3
Denmark	137	138	179	139	3	406	447	375	433	3	0	0	4	14	3
Djibouti	6	6	6	6	1	0	0	0	0	1	0	0	0	0	1
Ecuador	4069	4858	4939	5020	3	45	138	142	762	3	10517	8733	8254	7160	3
Egypt		30	34	35	1		29	33	35	1		0	0	0	1
Equatorial Guinea	1860	1743	1685	1626	1	0	0	0	0	1	0	0	0	0	1
Estonia	2206	899	894	923	3	0	953	978	1038	3	0	391	380	273	3
Ethiopia	15114	13705	13000		1	0	0	0		1	0	0	0		1
Faroe Islands	r	r	r	r	1	0	0	0	0	1	0	0	0	0	1
Fiji	53	53	53		2	900	927	944		2	0	0	0		1
Finland	6722	7209	6984	6744	3	15154	15236	15159	15474	3	0	0	0	0	3
France	3755	3967	4062	4064	3	10681	11322	11799	12360	3	0	0	0	0	3
French Guiana	8198	8162	8148	8118	3	20	20	20	20	3	0	0	0	0	3
French Polynesia	8	16	19	23	1	47	89	111	132	1	0	0	0	0	1
Gabon	22000	22000	22000	22000	3	0	0	0	0	3	0	0	0	0	3
Gambia	442	442	442	442	1	0	19	29	38	1	0	0	0	0	1
Georgia	2752	2761	2773	2822	3	0	0	0	0	3	0	0	0	0	3
Germany	5987	5993	5919	5932	1	4606	4945	5465	5477	1	707	416	0	0	1
Ghana	8627	8909	9053	9195	3	0	0	0	0	2	0	0	0	0	1
Gibraltar	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Greece	2557	2790	2907	3024	1	742	811	845	879	1	0	0	0	0	1

**QUESTION 18: WHO OWNS AND MANAGES THE FORESTS AND HOW HAS THIS CHANGED?**

**Table 45. Forest ownership 1990–2010 (1 000 ha)**

Country/Territory	Public ownership					Private ownership					Unknown ownership				
	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend
Greenland	r	r	r	r	3	0	0	0	0	3	0	0	0	0	3
Guadeloupe	34	34	34	37	3	33	31	30	34	2	6	8	8	r	3
Guatemala	1741	1543	1376	1365	2	2244	2034	1971	1845	2	763	631	591	512	2
Guinea	7262	6868	6683	6498	1	2	36	41	46	1	0	0	0	0	1
Guinea-Bissau	2216	2120	2072	2022	1	0	0	0	0	1	0	0	0	0	1
Guyana	16660	16622	16602	14029	2	0	0	0	2547	3	0	0	0	0	2
Haiti	116	109	105	101	1	0	0	0	0	1	0	0	0	0	1
Holy See	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Honduras		3593					2199								0
Hungary	1792	1148	1160	1170	3	4	769	823	876	3	5	0	0	0	2
Iceland	11	13	14	15	3	6	16	22	28	3	0	0	0	0	3
India	54777	56020	58007	60019	3	9162	9370	9702	9771	3	0	0	0	0	3
Indonesia	103058	86422	85073	82095	2	15487	12987	12784	12337	2	0	0	0	0	1
Iran (Islamic Republic of)	9076	9326	10692	10692	3	0	0	0	0	3	0	0	0	0	3
Iraq	804	818	825	825	1	0	0	0	0	1	0	0	0	0	1
Ireland	353	399	400	386	3	112	236	295	339	3	0	0	0	0	3
Isle of Man	3	3	3	3	1	0	0	0	0	1	0	0	0	0	1
Israel	129	150	152	36	2	3	3	3	118	2	0	0	0	0	2
Italy	2549	2811	2942	3032	2	5041	5558	5817	5996	2	0	0	0	0	2
Jamaica	95	94	94	93	2	224	222	221	219	2	26	25	25	25	2
Japan	10354	10412	10142	10168	3	14597	14463	14793	14799	3	0	0	0	0	3
Jordan	87	87	87	87	1	11	11	11	11	1	0	0	0	0	1
Kazakhstan	3422	3365	3337	3337	1	0	0	0	0	1	0	0	0	0	1
Kenya	1310	1372	1363	1365	3	3414	2185	2684	2865	3	0	0	0	0	3
Kiribati	9	9	9	9	1	4	4	4	4	1	0	0	0	0	1
Kuwait	3	5	6	6	1	0	0	0	0	1	0	0	0	0	1
Kyrgyzstan	836	858	869	677	2	0	0	0	0	1	0	0	0	0	1
Lao People's Democratic Republic	17645	16526	16870	17816	1	0	0	0	0	1	0	0	0	0	1
Latvia	3132	1749	1781	1755	3	32	1463	1512	1594	3	9	29	4	5	3
Lebanon		36	37	37	1		94	98	98	1		1	2	2	1
Lesotho	6	6	6	6	1	0	0	0	0	1	34	36	37	38	1
Liberia	4929	4629	4479	4329	2	0	0	0	0	1	0	0	0	0	1
Liechtenstein	6	6	6	6	1	1	1	1	1	1	0	0	0	0	1

**QUESTION 18: WHO OWNS AND MANAGES THE FORESTS AND HOW HAS THIS CHANGED?**

**Table 45. Forest ownership 1990–2010 (1 000 ha)**

Country/Territory	Public ownership					Private ownership					Unknown ownership				
	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend
Lithuania	1945	1562	1404	1333	3	0	458	717	837	3	0	0	0	0	3
Luxembourg	40	41	41	41	1	46	46	46	46	1	0	0	0	0	1
Madagascar	13432	12763	12578	12293	1	260	260	260	260	1	0	0	0	0	1
Malawi				2400						15					
Malaysia	21877	21347	20559	21104	3	499	244	331	1020	3	0	0	0	0	1
Mali	6686	5896	5501	5106	1	4	4	4	4	1	0	0	0	0	1
Malta	r	r	r	r	1	0	0	0	0	1	0	0	0	0	1
Martinique	16	16	16	16	3	33	33	33	32	1	0	0	0	0	
Mauritania	407	309	259	234	1	8	8	8	8	1	0	0	0	0	1
Mauritius	23	24	24	24	2	18	18	15	15	2	0	0	0	0	2
Mayotte				4						3					0
Mexico			848	840	1			34384	34051	1			31851	31608	1
Monaco	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Mongolia	12536	11717	11308	13039	3	0	0	0	0	3	0	0	0	0	3
Montenegro		381	381	433	2		245	245	394	2		0	0	0	2
Montserrat	1	1	1	1	1	2	2	2	2	1	r	r	r	r	1
Morocco			4861	5071	3			540	562	1			0	0	1
Mozambique	43340	41150	40055	38960	3	38	38	24	12	3	0	0	0	0	3
Myanmar	39218	34868	33280	31732	3	0	0	0	0	2	0	0	0	0	3
Nauru	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Nepal	4817	3898	3634	3634	2	0	2	2	2	2	0	0	0	0	2
Netherlands	176	178	182	181	3	169	182	183	192	3	0	0	0	0	3
New Caledonia	478	478	478	478	1	361	361	361	361	1	0	0	0	0	1
New Zealand	6293	5934	6055	6054	3	3366	4205	4128	4097	3	0	0	0	0	3
Niger	1945	1328	1265	1203	3	0	0	2	2	1	0	0	0	0	1
Nigeria	17234	13137	11089	9041	1	0	0	0	0	1	0	0	0	0	1
Norway				1488					9642					972	
Oman	2	2	2	2	1	0	0	0	0	1	0	0	0	0	1
Pakistan	1668	1397	1255	1113	1	859	719	647	574	1	0	0	0	0	1
Panama	5028	4823	4721	4620	3	13	44	62	79	2	0	0	0	0	2
Papua New Guinea	1009	1008	1008	1007	2	32618	32592	32578	32566	2	0	0	0	0	2
Paraguay			7268	6668	1			11207	10282	1					1
Peru		65629	62911	61684	1		10518	12617	13127	3		0	0	0	1

**QUESTION 18: WHO OWNS AND MANAGES THE FORESTS AND HOW HAS THIS CHANGED?**

**Table 45. Forest ownership 1990–2010 (1 000 ha)**

Country/Territory	Public ownership					Private ownership					Unknown ownership				
	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend
Philippines	6318	6151	6173	6356	2	237	876	901	484	2	0	0	0	0	2
Poland	7406	7535	7610	7643	3	1475	1524	1590	1686	3	0	0	0	0	3
Portugal	53	54	54	98	3	3383	3289	3242	3141	3	0	0	0	0	3
Qatar	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Republic of Korea	1805	1886	1931	1984	2	4549	4402	4324	4237	2	16	0	0	0	2
Republic of Moldova	319	324	362	385	1	0	0	1	1	1	0	0	0	0	1
Réunion	64	65	65	68	1	23	22	20	20	1	0	0	0	0	1
Romania	6371	6010	5090	4363	3	0	356	1301	2152	3	0	0	0	0	3
Russian Federation	808950	809269	808790	808669	3	0	0	0	0	3	0	0	0	6466	2
Rwanda	245	265	303	364	1	73	79	82	82	1	0	0	0	0	1
Saint Kitts and Nevis	11	11	11		2	0	0	0		2	0	0	0		2
Saint Lucia	7	7	7	9	2	14	14	14	11	1	1	0			1
Saint Martin (French part)				r						1					
Saint Pierre and Miquelon	2	2	2	2	3	1	1	1	1	3	0	0	0	0	3
Saint-Barthélemy	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Samoa		36	36	36	1		134	134	134	1		0	0	0	1
San Marino	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Sao Tome and Principe	56	56	56	54	1	0	0	0	0	1	0	0	0	0	1
Saudi Arabia	958	958	958	958	1	19	19	19	19	1	0	0	0	0	1
Senegal	9347	8896	8671	8459	1	1	2	2	14	1	0	0	0	0	1
Serbia	1143	1246	1252	1382	3	1170	1214	1224	1213	3	0	0	0	118	2
Seychelles	31	31	31	31	1	10	10	10	10	1	0	0	0	0	1
Sierra Leone	395	395	395	395	1	2723	2527	2429	2331	1	0	0	0	0	1
Singapore	16	16	16	16	1	0	0	0	0	1	0	0	0	0	1
Slovakia	1922	1006	996	974	3	0	830	823	786	3	0	85	113	179	3
Slovenia	442	365	323	309	3	746	868	920	938	3	0	0	0	0	3
Solomon Islands	32	7	7	7	1	2292	2261	2234	2206	1	0	0	0	0	1
Somalia	8282	7515	7131	6747	1	0	0	0	0	1	0	0	0	0	1
South Africa	5578	5606	5534	5534	2	3663	3635	3707	3707	2	0	0	0	0	2
Spain	4330	4928	5017	5333	3	9480	11129	11329	12855	3	0	919	936	59	3
Sri Lanka	2101	2035	2002	1978	2	183	157	116	125	2	0	0	0	0	1
Sudan	21942	20062	14624	13751	3	1628	1764	6331	6331	3					3
Suriname	15343	15304	15284	15264	1	87	87	87	87	1	0	0	0	0	1

**QUESTION 18: WHO OWNS AND MANAGES THE FORESTS AND HOW HAS THIS CHANGED?**

**Table 45. Forest ownership 1990–2010 (1 000 ha)**

Country/Territory	Public ownership					Private ownership					Unknown ownership				
	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend	1990	2000	2005	2010	Tier trend
Svalbard and Jan Mayen Islands	0	0	0	0	3	0	0	0	0	3	0	0	0	0	3
Swaziland	359	402	420	418	1	110	114	119	140	2	3	3	3	4	1
Sweden	6837	6861	6875	6881	3	21226	21302	21343	21192	3	0	0	0	0	3
Switzerland	302	319	329	337	3	849	875	888	898	3	0	0	0	0	3
Syrian Arab Republic	372	432	461		1	0	0	0		1	0	0	0		1
Tajikistan	358	360	360	410	1	0	0	0	0	1	50	50	50	0	1
Thailand	14005	17011	16100	16249	3	0	0	0	0	2	0	0	0	0	1
The former Yugoslav Republic of Macedonia	818	864	881	904	2	94	94	94	94	2	0	0	0	0	2
Timor-Leste	319	282	263	226	1	647	572	535	461	1	0	0	0	0	1
Togo	187	133	105	56	1	498	353	281	231	1	0	0	0	0	1
Tokelau	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
Tonga	5	5	5	5	1	4	4	4	4	1	0	0	0	0	1
Trinidad and Tobago	185	178	174		2	56	56	56		2	0	0	0		2
Tunisia	591	783	861	936	2	52	54	54	54	2	0	0	0	0	2
Turkey	9607	10168	10652	11193	2	15	15	10	10	3	0	0	0	0	3
Turkmenistan	4127	4127	4127	4127	1	0	0	0	0	1	0	0	0	0	1
Uganda	1425	1212	1097	964	2	3326	2657	2332	1789	2	0	0	0	0	2
Ukraine	9274	9503	9568	9528	3	0	7	7	20	3	0	0	0	0	3
United Arab Emirates	245	310	312	317	1	0	0	0	0	1	0	0	0	0	1
United Kingdom	903	889	879	868	2	1876	2065	2143	2191	1	0	0	0	0	1
United Republic of Tanzania	55850	51800	49770	47750	1	70	120	150	170	1	0	0	0	0	1
United States of America	120119	124549	124936	129974	3	182331	178987	179821	178746	3	0	0	0	0	3
Uruguay	38	20	20	20	3	760	1349	1501	1711	3	0	0	0	0	1
Uzbekistan	3045	3212	3295	3276	2	0	0	0	0	2	0	0	0	0	2
Venezuela (Bolivarian Republic of)	52026	49151	47713	47361	1					144					
Viet Nam	5603	6402	9398	9587	2	109	2255	3120	3543	2	3651	3070	559	998	2
Yemen	27	27	27	27	1	522	522	522	522	1	0	0	0	0	1
Zambia		12119	11921	11531	1		36868	36285	36194	1		2147	2095	1743	1
Zimbabwe	13852	11828	10804	9868	1	8312	7066	6455	5756	1	0	0	0	0	1

**QUESTION 19: HOW MANY PEOPLE ARE DIRECTLY EMPLOYED IN FORESTRY?**

**Table 46. Employment in forestry 1990–2010**

Country/Territory	Employment (1 000 FTE)							
	Total				...of which female			
	1990	2000	2005	2010	1990	2000	2005	2010
Albania	2	r	r					
Algeria	48	49	96	59				
Angola	1							
Argentina		32	11	18				1
Armenia	5	2	2	2				
Australia		10	8	6				
Austria	30	18	19	20				
Azerbaijan	5	4	2					
Bangladesh	1650	1520	1480	1500	150	300	580	600
Belarus	22	33	33	37				6
Belgium	4	3	3	2				
Bhutan				2				1
Bolivia (Plurinational State of)		14	14	11				
Botswana			1	1		r	r	
Brazil		406	497	513		53	74	90
Bulgaria		26	21	20			5	5
Burkina Faso		2						
Cabo Verde				1			r	
Cambodia	19	16	16	16				
Cameroon	23	20						
Canada	73	87	70	52	9	11	11	8
Central African Republic	3	4	6	4				
Chad		1	1					
China	1870	1474	1219	1150	561	443	338	301
Colombia			45	76				
Costa Rica		7	5					
Côte d'Ivoire		34						
Croatia	14	10	9	9				
Cuba			38	43				9
Cyprus	r	r	r	r				r
Czech Republic	55	31	21	15				
Denmark	3	4	4	6	1	1	1	1
Egypt		10	12					
El Salvador	7	8	9					
Equatorial Guinea	1	2	1	1	r	r	r	r
Estonia	10	9	6	6	2	1	1	1
Faroe Islands	0	0	0	0	0	0	0	0
Finland	39	24	22	22	3	3	2	3

**QUESTION 19: HOW MANY PEOPLE ARE DIRECTLY EMPLOYED IN FORESTRY?**

**Table 46. Employment in forestry 1990–2010**

Country/Territory	Employment (1 000 FTE)							
	Total				...of which female			
	1990	2000	2005	2010	1990	2000	2005	2010
France		42	35	30		5	3	6
French Guiana	r	r	r	1				r
Gabon		7	10	20				
Gambia	r	r	r	r				r
Georgia		2	2	1			r	r
Germany	65	51	41	43	10	10	6	6
Ghana	3	2	3	4				
Gibraltar	0	0	0	0	0	0	0	0
Greenland	0	0	0	0	0	0	0	0
Grenada	r	r	r					
Guadeloupe			r	r				
Guatemala			35	22				
Guyana			24	22				
Holy See	0	0	0	0	0	0	0	0
Honduras	18	26	33					
Hungary	24	18	15	16		3	2	3
Iceland	r	r	r	r				
India	6360	6053	6188	6257				
Indonesia		152	74	75		3	3	4
Iran (Islamic Republic of)	66	53	49	14	5	6	2	2
Ireland		3	2	3			r	r
Israel	4	3	1	1				r
Italy	56	36	41	32				
Jamaica	4	1	1	r				r
Japan	108	67	47	69				
Jordan	r	1	1					
Kazakhstan	14	14	14	14				
Kenya	22	20	21	27				
Kyrgyzstan	3	4	3	3				1
Latvia	15	19	35	21			3	3
Lebanon			2					
Lesotho	r	r	2	2				
Liberia	5	4	2	10				r
Lithuania	15	14	10	9				
Madagascar		554	679	243		151	99	32
Malawi	1	1	1	1				
Malaysia	76	66	125	63				
Mali	135	135	135	200				180

**QUESTION 19: HOW MANY PEOPLE ARE DIRECTLY EMPLOYED IN FORESTRY?**

**Table 46. Employment in forestry 1990–2010**

Country/Territory	Employment (1 000 FTE)							
	Total				...of which female			
	1990	2000	2005	2010	1990	2000	2005	2010
Martinique			r					
Mauritius	2	2	2	2	r	r	r	r
Mayotte				r				
Monaco	0	0	0	0	0	0	0	0
Mongolia	267	77	61	64	93	27	22	29
Montenegro	3	2	1	r				r
Morocco	38	38	58	58				
Mozambique		10	10	18				
Myanmar	88	80		66				
Namibia	r	r	1	1	r	r	r	r
Nepal	138	96	105	144				34
Netherlands	2	1	1	2	r	r	r	r
New Caledonia				r				r
New Zealand	6	8	8	6				
Niger	2	8	8	14				
Nigeria	9	10	10	12	1	1	1	1
Norway	5	4	5	6				1
Pakistan	30	27	30	32				
Panama	3	8	11	14				
Papua New Guinea				4				1
Paraguay	5	4	4					
Peru		10	12	23				
Philippines	18	18	23	58				
Poland	131	57	58	64		9	10	10
Portugal	16	11	8	6				
Republic of Korea		12	24					
Republic of Moldova	5	3	4					
Réunion		r	r	r				
Romania	79	71	60	41				
Russian Federation		201	170	74				
Rwanda			r					
Saint Lucia				r				r
Saint Pierre and Miquelon	0	0	0	0	0	0	0	0
San Marino	0	0	0	0	0	0	0	0
Saudi Arabia	1	1	1	1				
Senegal	9	12	14	5				
Serbia	12	8	7	8	2	1	1	1
Seychelles	r	r	r	r				

**QUESTION 19: HOW MANY PEOPLE ARE DIRECTLY EMPLOYED IN FORESTRY?**

**Table 46. Employment in forestry 1990–2010**

Country/Territory	Employment (1 000 FTE)							
	Total				...of which female			
	1990	2000	2005	2010	1990	2000	2005	2010
Sierra Leone		r	r	r				
Singapore	0	0	0	0	0	0	0	0
Slovakia	36	25	24	20				1
Slovenia	6	5	6	5				
Somalia	2	2	3	4				
South Africa		66	107	63				
South Sudan			79	79			21	21
Spain		38	34	30				
Sri Lanka	2	5	5	5				1
Sudan	5	5	3	3	r	r	1	1
Suriname	2	3	5	6				r
Swaziland	2	2	3	3	r	r	r	1
Sweden	39	20	23	30	5	2	2	3
Switzerland	8	6	5	5			r	r
Syrian Arab Republic		1	2					
Tajikistan	4	5	6	4	r	r	r	r
Thailand		31		30				
The former Yugoslav Republic of Macedonia	4	3	3					
Togo	86	136	186	236				
Tonga	r	r	r	r				r
Trinidad and Tobago	1	1	1					
Tunisia	27	38	32	27				
Turkey	101	48	42	62				
Turkmenistan	2	2	2	2				
Uganda	1	2						
Ukraine	62	105	98	70	13	18	18	12
United Kingdom	17	16	14	20	2	1	1	2
United Republic of Tanzania	4	4	3	3				r
United States of America		75	70	55				
Uruguay	1	6	6	18				
Uzbekistan	4	6	6	7				r
Venezuela (Bolivarian Republic of)		2		47				17
Viet Nam	80	198	239	298				
Wallis and Futuna Islands			r	r			0	0
Zambia	1	1	2	2				
Zimbabwe	14	15	13	7				

## Global Forest Resources Assessment 2015

The contributions of forests to the well-being of humankind are far-reaching. Forests provide vital wood supplies and help to combat rural poverty, ensure food security and provide decent livelihoods; they offer promising mid-term green growth opportunities; and they deliver vital long-term environmental services, such as clean air and water, biodiversity, and mitigation of climate change.

Building on data that is more comprehensive and reliable than ever before, covering 234 countries and territories, the *Global Forest Resources Assessment 2015* shows encouraging signs of improved forest management and a global slowdown in deforestation. However these trend needs to be strengthened, especially in countries that are lagging behind.

This desk reference provides the data reported by countries for the *Global Forest Resources Assessment 2015*. Presented in easy-to-consult tabular form, it is a useful companion to the synthesis report as well as to the more detailed figures available on the Forest Land Use Data Explorer website.

### Joint data collection, analysis and reporting on the world's forests: CFRQ partnership

There has been widespread interest in consistent forest information with common definitions and shared effort. The Collaborative Forest Resources Questionnaire (CFRQ) is an initiative developed by FAO together with regional data collection partners to jointly collect, analyse and report forest data. Linked directly to the Global Forest Resources Assessment (FRA) that FAO has conducted since 1948, the CFRQ covers 104 countries that represent some 88 percent of the world's forest. Data collected through the CFRQ were collected once and used many times, which reduces the workload for national correspondents and provides more consistent numbers. This approach increases the use of common definitions and provides a basis for enhanced sharing of forest statistics.

There are six partners working to implement the CFRQ for reporting in 2015: the Central African Forest Commission (COMIFAC/OFAC), FAO Forestry (FRA), FOREST EUROPE, the International Tropical Timber Organization (ITTO), the Montréal Process and the United Nations Economic Commission for Europe (UNECE). The CFRQ is the successful result of the joint commitment of these organizations to simplify and harmonize forest-related reporting while reducing the reporting burden that countries face in various reporting commitments. The CFRQ contains a subset of the FRA 2015 variables that are of common interest to at least two of the partner organizations.

ISBN 978-92-5-108826-5



In cooperation with the Collaborative Forest Resources Questionnaire partnership



Food and Agriculture  
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United Nations