

TABLE 3
Forest growing stock, biomass and carbon

Country/area	Growing stock			Biomass		Carbon in biomass	
	Per hectare	Total	Commercial	Per hectare	Total	Per hectare	Total
	(m ² /ha)	(million m ³)	(%)	(tonnes/ha)	(million tonnes)	(tonnes/ha)	(million tonnes)
Burundi	-	-	-	-	-	-	-
Cameroon	62	1 313	10	179	3 804	90	1 902
Central African Republic	167	3 801	-	246	5 604	123	2 801
Chad	18	218	38	40	471	20	236
Congo	203	4 551	30	461	10 361	231	5 181
Democratic Republic of the Congo	231	30 833	-	347	46 346	173	23 173
Equatorial Guinea	66	107	-	142	231	70	115
Gabon	223	4 845	-	335	7 285	167	3 643
Rwanda	183	88	95	183	88	92	44
Saint Helena	-	-	-	-	-	-	-
Sao Tome and Principe	164	5	100	336	9	168	5
Total Central Africa	194	45 760		315	74 199	157	37 100
British Indian Ocean Territory	-	-	-	-	-	-	-
Comoros	247	1	27	284	2	141	1
Djibouti	32	0	-	156	1	78	0
Eritrea	-	-	-	-	-	-	-
Ethiopia	22	285	25	39	503	19	252
Kenya	80	281	11	190	669	95	335
Madagascar	171	2 201	28	488	6 259	244	3 130
Mauritius	82	3	68	212	8	106	4
Mayotte	-	-	-	-	-	-	-
Réunion	-	-	-	-	-	-	-
Seychelles	75	3	12	175	7	93	4
Somalia	22	157	0	108	773	54	387
Uganda	43	156	15	76	276	38	138
United Republic of Tanzania	36	1 264	73	128	4 509	64	2 254
Total East Africa	58	4 351		172	13 007	86	6 504
Algeria	76	174	22	100	227	50	114
Egypt	120	8	-	212	14	106	7
Libyan Arab Jamahiriya	36	8	-	59	13	30	6
Mauritania	20	5	-	50	13	25	7
Morocco	44	191	100	110	480	55	240
Sudan	14	939	-	45	3 061	23	1 531
Tunisia	26	27	2	19	20	9	10
Western Sahara	38	38	-	50	50	25	25
Total Northern Africa	18	1 390		51	3 879	25	1 940

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	(m ³ /ha)	(million m ³)	(%)	(tonnes/ha)	(million tonnes)	(tonnes/ha)	(million tonnes)
Angola	39	2 291	1	163	9 659	82	4 829
Botswana	16	197	-	24	283	12	142
Lesotho	-	-	-	-	-	-	-
Malawi	110	373	-	95	322	47	161
Mozambique	26	496	14	63	1 213	31	606
Namibia	24	184	-	60	462	30	231
South Africa	69	635	38	179	1 648	90	824
Swaziland	35	19	-	87	47	43	23
Zambia	31	1 307	7	54	2 312	27	1 156
Zimbabwe	34	600	4	61	1 069	31	535
Total Southern Africa	36	6 102		99	17 014	50	8 507
Benin	-	-	-	-	-	-	-
Burkina Faso	35	238	5	88	596	44	298
Cape Verde	144	12	80	189	16	95	8
Côte d'Ivoire	258	2 683	20	386	4 014	179	1 864
Gambia	37	18	-	141	66	70	33
Ghana	58	321	53	180	993	90	496
Guinea	77	520	-	189	1 272	95	636
Guinea-Bissau	24	50	20	59	122	29	61
Liberia	158	498	41	287	906	144	453
Mali	15	191	-	39	484	19	242
Niger	10	13	8	20	25	10	13
Nigeria	125	1 386	11	253	2 803	126	1 402
Senegal	37	324	63	85	741	43	371
Sierra Leone	-	-	-	-	-	-	-
Togo	-	-	-	-	-	-	-
Total West Africa	91	6 254		175	12 038	85	5 876
Total Africa	102	63 858		191	120 137	95	59 927
China	67	13 255	92	62	12 191	31	6 096
Democratic People's Republic of Korea	64	395	-	75	464	38	232
Japan	171	4 249	-	152	3 785	76	1 892
Mongolia	131	1 342	46	112	1 148	56	574
Republic of Korea	80	502	54	82	515	41	258
Total East Asia	81	19 743		74	18 103	37	9 052
American Samoa	104	2	-	219	4	110	2
Australia	-	-	-	113	18 510	51	8 339
Cook Islands	-	-	-	-	-	-	-
Fiji	-	-	-	-	-	-	-

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	(m ³ /ha)	(million m ³)	(%)	(tonnes/ha)	(million tonnes)	(tonnes/ha)	(million tonnes)
French Polynesia	-	-	-	-	-	-	-
Guam	-	-	-	-	-	-	-
Kiribati	-	-	-	-	-	-	-
Marshall Islands	-	-	-	-	-	-	-
Micronesia (Federated States of)	-	-	-	-	-	-	-
Nauru	-	-	-	-	-	-	-
New Caledonia	55	40	58	204	147	102	73
New Zealand	-	-	-	-	-	-	-
Niue	-	-	-	-	-	-	-
Northern Mariana Islands	-	-	-	-	-	-	-
Palau	-	-	-	-	-	-	-
Papua New Guinea	35	1 035	51	-	-	-	-
Pitcairn Islands	-	-	-	-	-	-	-
Samoa	-	-	-	-	-	-	-
Solomon Islands	-	-	-	-	-	-	-
Tokelau	-	-	-	-	-	-	-
Tonga	-	-	-	-	-	-	-
Tuvalu	-	-	-	-	-	-	-
Vanuatu	-	-	-	-	-	-	-
Wallis and Futuna Islands	-	-	-	-	-	-	-
Total Oceania	36	1 077		113	18 661	51	8 414
Bangladesh	34	30	75	72	63	36	31
Bhutan	194	621	40	216	690	108	345
India	69	4 698	40	76	5 178	35	2 343
Maldives	-	-	-	-	-	-	-
Nepal	178	647	40	267	969	133	485
Pakistan	97	185	43	271	516	136	259
Sri Lanka	22	42	40	41	79	21	40
Total South Asia	79	6 223		95	7 495	44	3 503
Brunei Darussalam	219	61	40	283	79	141	39
Cambodia	96	998	40	242	2 532	121	1 266
Indonesia	59	5 216	-	133	11 793	67	5 897
Lao People's Democratic Republic	59	957	74	184	2 974	92	1 487
Malaysia	251	5 242	-	336	7 020	168	3 510
Myanmar	85	2 740	18	197	6 335	98	3 168
Philippines	174	1 248	4	271	1 942	136	971
Singapore	-	-	-	-	-	-	-

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	(m ² /ha)	(million m ³)	(%)	(tonnes/ha)	(million tonnes)	(tonnes/ha)	(million tonnes)
Thailand	41	599	60	99	1 434	49	716
Timor-Leste	-	-	-	-	-	-	-
Viet Nam	66	850	9	182	2 348	91	1 174
Total Southeast Asia	88	17 911		180	36 457	90	18 228
Total Asia and the Pacific	81	44 953		117	80 716	57	39 197
Belarus	179	1 411	83	137	1 079	68	539
Republic of Moldova	141	47	62	80	26	40	13
Russian Federation	100	80 479	49	80	64 419	40	32 210
Ukraine	221	2 119	64	156	1 489	78	745
Total CIS countries	102	84 056		81	67 014	41	33 507
Albania	99	79	81	131	104	65	52
Bosnia and Herzegovina	179	391	80	161	351	80	176
Bulgaria	157	568	61	145	527	73	263
Croatia	165	352	83	180	385	90	192
Czech Republic	278	736	97	274	725	123	326
Estonia	196	447	94	146	334	73	167
Hungary	171	337	98	172	340	88	173
Latvia	204	599	85	157	462	79	231
Lithuania	190	400	86	123	258	61	129
Poland	203	1 864	94	195	1 791	97	896
Romania	212	1 347	98	178	1 133	89	567
Serbia and Montenegro	121	327	-	116	312	58	156
Slovakia	256	494	85	211	407	105	203
Slovenia	283	357	91	233	294	116	147
The former Yugoslav Republic of Macedonia	70	63	-	45	41	22	20
Total Eastern Europe	194	8 361		173	7 463	86	3 698
Andorra	-	-	-	-	-	-	-
Austria	300	1 159	98	-	-	-	-
Belgium	258	172	100	196	131	98	65
Channel Islands	-	-	-	-	-	-	-
Denmark	153	77	76	104	52	52	26
Faeroe Islands	-	-	-	-	-	-	-
Finland	96	2 158	84	73	1 631	36	816
France	158	2 465	93	158	2 452	75	1 165
Germany	-	-	-	235	2 605	118	1 303
Gibraltar	-	-	-	-	-	-	-
Greece	47	177	88	31	117	16	59
Holy See	-	-	-	-	-	-	-

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Iceland	65	3	-	67	3	33	2
Ireland	98	65	-	59	40	30	20
Isle of Man	-	-	-	-	-	-	-
Italy	145	1 447	70	127	1 272	64	636
Liechtenstein	254	2	80	148	1	74	1
Luxembourg	299	26	100	230	20	103	9
Malta	231	0	0	346	0	173	0
Monaco	-	-	-	-	-	-	-
Netherlands	178	65	80	142	52	68	25
Norway	92	863	78	74	690	37	344
Portugal	93	350	66	60	228	30	114
San Marino	-	-	-	-	-	-	-
Spain	50	888	78	49	871	22	392
Sweden	115	3 155	77	85	2 340	43	1 170
Switzerland	368	449	82	252	308	126	154
United Kingdom	120	340	88	79	224	39	112
Total Western Europe	115	13 861		102	13 037	50	6 411
Total Europe	107	106 278		88	87 514	44	43 616
Anguilla	-	-	-	-	-	-	-
Antigua and Barbuda	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-
Bahamas	13	7	-	-	-	-	-
Barbados	-	-	-	-	-	-	-
Bermuda	-	-	-	-	-	-	-
British Virgin Islands	-	-	-	-	-	-	-
Cayman Islands	-	-	-	-	-	-	-
Cuba	90	243	79	273	740	128	347
Dominica	-	-	-	-	-	-	-
Dominican Republic	47	64	-	119	164	60	82
Grenada	-	-	-	-	-	-	-
Guadeloupe	-	-	-	-	-	-	-
Haiti	65	7	-	158	17	79	8
Jamaica	156	53	2	201	68	100	34
Martinique	-	-	-	-	-	-	-
Montserrat	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-
Puerto Rico	65	26	-	103	42	52	21
Saint Kitts and Nevis	-	-	-	-	-	-	-

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	(m ³ /ha)	(million m ³)	(%)	(tonnes/ha)	(million tonnes)	(tonnes/ha)	(million tonnes)
Saint Lucia	-	-	-	-	-	-	-
Saint Vincent and the Grenadines	-	-	-	-	-	-	-
Trinidad and Tobago	88	20	55	209	47	104	24
Turks and Caicos Islands	-	-	-	-	-	-	-
United States Virgin Islands	15	0	-	57	1	28	0
Total Caribbean	74	420		208	1 078	100	516
Belize	96	159	-	72	118	36	59
Costa Rica	104	249	66	161	385	81	193
El Salvador	-	-	-	-	-	-	-
Guatemala	163	642	15	253	996	126	498
Honduras	116	540	-	-	-	-	-
Nicaragua	114	591	25	276	1 432	138	716
Panama	160	686	1	288	1 238	144	620
Total Central America	130	2 867		239	4 169	119	2 086
Argentina	55	1 826	67	146	4 817	73	2 411
Bolivia	74	4 360	16	180	10 568	90	5 296
Brazil	170	81 239	18	212	101 236	103	49 335
Chile	117	1 882	64	241	3 892	121	1 946
Colombia	-	-	-	266	16 125	133	8 062
Ecuador	-	-	-	-	-	-	-
Falkland Islands	-	-	-	-	-	-	-
French Guiana	350	2 822	0	-	-	-	-
Guyana	-	-	-	228	3 443	114	1 722
Paraguay	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-
South Georgia and the South Sandwich Islands	-	-	-	-	-	-	-
Suriname	150	2 216	-	770	11 383	385	5 692
Uruguay	79	118	6	-	-	-	-
Venezuela (Bolivarian Republic of)	-	-	-	-	-	-	-
Total South America	155	94 464		224	151 464	110	74 464
Total Latin America and the Caribbean	153	97 751		224	156 711	110	77 066
Canada	106	32 983	100	-	-	-	-
Greenland	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-
Saint Pierre and Miquelon	-	-	-	-	-	-	-
United States of America	116	35 118	79	125	37 929	63	18 964
Total North America	111	68 101		125	37 929	63	18 964

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Armenia	125	36	–	128	36	64	18
Azerbaijan	136	127	20	124	116	62	58
Georgia	167	461	26	152	420	76	210
Kazakhstan	109	364	0	82	273	41	137
Kyrgyzstan	34	30	0	29	25	14	13
Tajikistan	12	5	0	14	6	7	3
Turkmenistan	4	15	0	8	35	4	17
Uzbekistan	7	24	0	7	25	4	12
Total Central Asia	66	1 061		58	935	29	468
Afghanistan	16	14	40	15	13	7	6
Bahrain	–	–	–	–	–	–	–
Cyprus	46	8	39	32	6	16	3
Iran (Islamic Republic of)	48	527	79	60	669	30	334
Iraq	–	–	–	–	–	–	–
Israel	37	6	70	–	–	–	–
Jordan	30	3	–	56	5	28	2
Kuwait	–	–	–	–	–	–	–
Lebanon	36	5	–	26	4	13	2
Occupied Palestinian Territory	–	–	–	–	–	–	–
Oman	–	–	–	–	–	–	–
Qatar	–	–	–	–	–	–	–
Saudi Arabia	8	23	0	13	35	6	17
Syrian Arab Republic	–	–	–	–	–	–	–
Turkey	138	1 400	87	161	1 634	80	817
United Arab Emirates	49	15	0	106	33	53	17
Yemen	9	5	–	19	10	9	5
Total Western Asia	76	2 006		92	2 407	46	1 203
Total Western and Central Asia	73	3 067		79	3 343	40	1 671
TOTAL WORLD	111	384 007		145	486 350	72	240 441

SOURCE: FAO, 2006a.