

TABLE 6
Forestry sector's contribution to employment and gross domestic product, 2006

Country/area	Employment					Gross value added				
	Roundwood production	Wood processing	Pulp and paper	Total for the forestry sector		Roundwood production	Wood processing	Pulp and paper	Total for the forestry sector	
	(1 000)	(1 000)	(1 000)	(1 000)	(% of total labour force)	(US\$ million)	(US\$ million)	(US\$ million)	(US\$ million)	(% contribution to GDP)
Burundi	0	2	0	2	0.0	10	5	0	15	1.8
Cameroon	12	8	1	20	0.3	236	74	13	324	1.9
Central African Republic	2	2	0	4	0.2	133	10	1	144	11.1
Chad	1	0	–	1	0.0	122	0	–	122	1.9
Congo	4	3	0	7	0.5	45	27	–	72	1.1
Democratic Republic of the Congo	6	0	–	6	0.0	185	2	–	186	2.3
Equatorial Guinea	1	0	–	1	0.5	86	2	–	87	0.9
Gabon	8	4	0	12	1.9	171	118	0	290	3.0
Rwanda	1	1	–	1	0.0	30	1	–	31	1.3
Saint Helena	–	–	–	–	–	–	–	–	–	–
Sao Tome and Principe	–	–	–	–	–	–	–	–	–	–
Total Central Africa	35	19	1	55	0.1	1 017	239	15	1 271	2.0
British Indian Ocean Territory	–	–	–	–	–	–	–	–	–	–
Comoros	–	–	–	–	–	18	–	–	18	4.4
Djibouti	–	–	–	–	–	0	–	–	0	0.1
Eritrea	0	0	0	0	0.0	0	0	0	1	0.1
Ethiopia	1	2	2	5	0.0	630	4	9	643	5.2
Kenya	1	10	8	19	0.1	242	20	106	368	1.7
Madagascar	2	41	1	44	0.4	148	8	0	157	3.1
Mauritius	1	1	1	2	0.4	7	4	12	23	0.4
Mayotte	–	–	–	–	–	–	–	–	–	–
Réunion	0	0	0	0	0.1	2	8	8	18	0.1
Seychelles	–	–	–	–	–	0	–	–	0	0.1
Somalia	0	1	–	1	0.0	15	1	–	15	0.6
Uganda	2	1	1	4	0.0	354	16	9	379	4.0
United Republic of Tanzania	3	6	6	15	0.1	205	1	22	228	1.9
Total East Africa	11	61	19	90	0.1	1 623	62	166	1 851	2.1
Algeria	0	11	2	13	0.1	37	118	66	220	0.2
Egypt	1	3	18	21	0.1	131	7	157	296	0.3
Libyan Arab Jamahiriya	0	1	0	2	0.1	57	4	2	62	0.1
Mauritania	0	0	0	0	0.0	1	0	–	1	0.1
Morocco	13	8	5	26	0.2	343	80	126	549	0.9
Sudan	1	2	1	4	0.0	57	15	36	107	0.3
Tunisia	4	9	4	16	0.4	106	147	149	402	1.4
Western Sahara	–	–	–	–	–	–	–	–	–	–
Total Northern Africa	19	34	30	83	0.1	731	372	535	1 638	0.4

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	(1 000)	(1 000)	(1 000)	(1 000)	(% of total labour force)	(US\$ million)	(US\$ million)	(US\$ million)	(US\$ million)	(% contribution to GDP)
Angola	2	1	0	3	0.0	260	2	1	262	0.6
Botswana	0	0	0	1	0.1	25	1	5	30	0.4
Lesotho	1	0	-	1	0.1	67	-	-	67	5.0
Malawi	1	1	0	2	0.0	40	2	8	50	2.6
Mozambique	12	3	0	15	0.1	221	2	2	224	3.1
Namibia	0	0	0	0	0.1	-	6	0	6	0.1
South Africa	45	37	34	116	0.5	920	948	1 677	3 545	1.6
Swaziland	1	2	3	6	1.5	11	10	60	80	5.2
Zambia	1	1	2	5	0.1	547	61	21	629	5.9
Zimbabwe	1	6	7	13	0.2	49	14	12	74	5.3
Total Southern Africa	63	51	47	161	0.3	2 139	1 044	1 785	4 969	1.6
Benin	1	0	-	1	0.0	103	5	0	108	2.6
Burkina Faso	2	2	0	4	0.1	88	0	-	88	1.5
Cape Verde	0	1	-	1	0.5	20	0	-	20	2.0
Côte d'Ivoire	19	8	1	28	0.4	672	96	33	801	5.0
Gambia	0	1	-	1	0.1	1	0	-	1	0.2
Ghana	12	30	1	43	0.4	542	202	10	754	7.2
Guinea	9	1	-	10	0.2	39	6	-	45	1.7
Guinea-Bissau	1	0	-	1	0.1	18	2	-	20	6.3
Liberia	1	1	-	2	0.1	113	9	-	121	17.7
Mali	1	0	-	1	0.0	102	0	-	102	1.9
Niger	1	0	-	1	0.0	98	0	7	105	3.3
Nigeria	24	3	18	45	0.1	1 506	32	282	1 819	1.4
Senegal	1	0	1	2	0.0	65	3	9	77	0.9
Sierra Leone	0	0	0	1	0.0	84	0	0	85	4.8
Togo	1	0	-	1	0.0	31	2	-	33	1.6
Total West Africa	73	46	20	140	0.1	3 480	357	342	4 179	2.2
Total Africa	202	211	117	530	0.1	8 991	2 075	2 843	13 908	1.3
China	1 172	937	1 409	3 518	0.4	13 687	8 834	18 687	41 208	1.3
Democratic People's Republic of Korea	19	4	4	26	0.2	220	33	46	299	2.5
Japan	32	150	211	393	0.6	892	9 590	22 422	32 904	0.7
Mongolia	1	1	0	1	0.1	2	3	1	7	0.2
Republic of Korea	12	25	63	99	0.4	1 498	1 099	5 877	8 473	1.1
Total East Asia	1 235	1 115	1 686	4 037	0.4	16 298	19 559	47 033	82 890	1.0
American Samoa	-	-	-	-	-	-	-	-	-	-
Australia	11	42	21	74	0.7	695	2 806	2 061	5 562	0.8

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	(1 000)	(1 000)	(1 000)	(1 000)	(% of total labour force)	(US\$ million)	(US\$ million)	(US\$ million)	(US\$ million)	(% contribution to GDP)
Cook Islands	-	-	-	-	-	-	-	-	-	-
Fiji	0	2	1	3	0.6	29	52	11	92	3.4
French Polynesia	0	0	0	0	0.3	-	-	-	-	-
Guam	0	-	-	0	0.0	-	-	-	-	-
Kiribati	-	-	-	-	-	0	-	-	0	0.0
Marshall Islands	-	-	-	-	-	-	-	-	-	-
Micronesia (Federated States of)	-	-	-	-	-	-	-	-	-	-
Nauru	-	-	-	-	-	-	-	-	-	-
New Caledonia	0	0	0	0	0.1	1	1	-	2	0.0
New Zealand	7	16	5	28	1.4	691	897	584	2 172	2.1
Niue	-	-	-	-	-	-	-	-	-	-
Northern Mariana Islands	-	-	-	-	-	-	-	-	-	-
Palau	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	8	4	-	12	0.4	316	84	-	400	6.7
Pitcairn Islands	-	-	-	-	-	-	-	-	-	-
Samoa	0	0	-	1	0.8	6	8	-	14	3.2
Solomon Islands	8	0	-	8	3.0	53	4	-	57	16.7
Tokelau	-	-	-	-	-	-	-	-	-	-
Tonga	0	0	0	0	0.3	1	0	0	1	0.5
Tuvalu	-	-	-	-	-	-	-	-	-	-
Vanuatu	0	1	-	1	1.4	3	10	-	13	3.5
Wallis and Futuna Islands	-	-	-	-	-	-	-	-	-	-
Total Oceania	36	65	27	128	0.8	1 794	3 862	2 657	8 313	1.0
Bangladesh	1	11	24	36	0.0	997	76	45	1 118	1.7
Bhutan	1	2	-	3	0.2	49	12	-	61	6.9
India	246	55	180	481	0.1	5 927	132	1 092	7 151	0.9
Maldives	-	0	-	0	0.0	-	-	-	-	-
Nepal	12	4	3	19	0.1	318	5	8	330	4.3
Pakistan	30	5	22	58	0.1	288	9	213	510	0.4
Sri Lanka	17	4	3	23	0.3	199	17	31	247	1.0
Total South Asia	308	80	231	619	0.1	7 777	251	1 388	9 416	0.9
Brunei Darussalam	1	0	-	2	0.9	3	6	-	9	0.1
Cambodia	0	1	0	1	0.0	139	5	29	173	2.8
Indonesia	69	148	104	321	0.3	3 283	3 896	2 386	9 564	2.5
Lao People's Democratic Republic	1	2	0	3	0.1	103	1	0	104	3.0
Malaysia	88	126	35	248	2.3	2 423	1 514	661	4 598	3.0
Myanmar	24	21	3	48	0.2	35	1	1	38	0.3
Philippines	8	20	21	49	0.1	94	157	308	560	0.5

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	(1 000)	(1 000)	(1 000)	(1 000)	(% of total labour force)	(US\$ million)	(US\$ million)	(US\$ million)	(US\$ million)	(% contribution to GDP)
Singapore	0	2	4	6	0.3	–	38	181	218	0.2
Thailand	8	62	67	137	0.4	149	333	1 211	1 693	0.8
Timor-Leste	–	–	–	–	–	1	–	–	1	0.4
Viet Nam	22	120	70	212	0.5	674	370	328	1 372	2.4
Total Southeast Asia	221	502	304	1 027	0.4	6 904	6 322	5 105	18 331	1.7
Total Asia and the Pacific	1 800	1 763	2 248	5 811	0.3	32 774	29 994	56 183	118 951	1.0
Belarus	33	46	23	103	1.9	180	399	97	677	2.1
Republic of Moldova	4	1	2	6	0.3	7	10	5	21	0.7
Russian Federation	383	336	131	849	1.1	1 029	3 381	2 417	6 828	0.8
Ukraine	152	60	23	235	0.9	427	350	326	1 103	1.2
Total CIS countries	572	443	178	1 193	1.1	1 643	4 141	2 845	8 628	0.9
Albania	2	1	0	2	0.1	6	4	3	13	0.2
Bosnia and Herzegovina	7	5	2	14	0.7	129	85	17	232	2.5
Bulgaria	15	23	11	49	1.2	59	97	77	232	0.9
Croatia	9	12	5	26	1.2	115	186	161	462	1.3
Czech Republic	35	83	20	138	2.5	832	1 225	596	2 654	2.1
Estonia	7	19	2	28	3.6	148	345	43	536	3.7
Hungary	8	37	16	61	1.4	142	319	330	790	0.8
Latvia	29	34	1	65	5.0	232	353	26	610	3.4
Lithuania	9	25	2	35	1.8	121	449	70	641	2.4
Montenegro	1	2	0	3	1.1	14	10	0	25	1.3
Poland	49	138	42	229	1.1	965	2 003	1 386	4 353	1.5
Romania	57	77	17	151	1.4	435	1 116	318	1 869	1.7
Serbia	6	11	9	26	0.7	81	39	72	191	0.6
Slovakia	12	34	7	54	1.8	221	470	266	957	1.9
Slovenia	6	11	5	22	2.3	125	263	181	569	1.8
The former Yugoslav Republic of Macedonia	4	3	1	8	0.8	18	3	3	24	0.4
Total Eastern Europe	257	515	141	912	1.4	3 643	6 966	3 548	14 158	1.6
Andorra	–	0	0	0	1.0	–	–	–	–	–
Austria	7	36	17	61	1.5	1 494	2 661	2 013	6 168	2.1
Belgium	2	14	14	31	0.7	191	1 114	1 424	2 729	0.8
Channel Islands	–	–	–	–	–	–	–	–	–	–
Denmark	4	15	7	25	0.9	201	1 002	602	1 805	0.8
Faeroe Islands	–	–	–	–	–	–	–	–	–	–
Finland	23	32	35	90	3.6	3 329	1 918	5 082	10 329	5.7

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	(1 000)	(1 000)	(1 000)	(1 000)	(% of total labour force)	(US\$ million)	(US\$ million)	(US\$ million)	(US\$ million)	(% contribution to GDP)
France	31	87	74	191	0.7	5 107	4 147	5 653	14 907	0.7
Germany	44	165	134	342	0.8	2 259	9 315	12 324	23 898	0.9
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	5	25	8	37	0.8	116	428	328	872	0.3
Holy See	-	-	-	-	-	-	-	-	-	-
Iceland	0	1	0	1	0.6	1	33	7	40	0.3
Ireland	2	9	3	15	0.9	132	524	278	934	0.5
Isle of Man	-	-	-	-	-	-	-	-	-	-
Italy	41	171	66	278	1.1	940	6 778	5 547	13 265	0.8
Liechtenstein	0	1	0	1	3.6	1	-	-	1	0.0
Luxembourg	0	1	0	1	0.5	12	64	38	115	0.3
Malta	-	0	0	0	0.2	0	3	5	8	0.2
Monaco	-	0	-	0	0.2	-	-	-	-	-
Netherlands	2	17	22	41	0.6	65	1 341	1 873	3 279	0.6
Norway	5	15	7	26	1.1	274	1 245	716	2 234	0.8
Portugal	12	57	12	81	1.6	809	1 022	923	2 755	1.7
San Marino	-	0	0	0	1.5	-	-	-	-	-
Spain	23	100	51	174	1.0	1 252	3 770	4 252	9 273	0.8
Sweden	22	38	36	95	2.0	3 108	2 706	6 939	12 753	3.8
Switzerland	5	35	12	52	1.3	311	2 537	1 316	4 164	1.1
United Kingdom	11	86	69	166	0.6	246	4 839	4 633	9 719	0.4
Total Western Europe	239	904	567	1 709	0.9	19 848	45 447	53 955	119 249	0.9
Total Europe	1 067	1 861	886	3 815	1.1	25 134	56 554	60 348	142 036	1.0
Anguilla	-	-	-	-	-	0	-	-	0	0.0
Antigua and Barbuda	-	-	-	-	-	-	-	-	-	-
Aruba	-	0	-	0	0.1	-	-	-	-	-
Bahamas	0	0	0	0	0.1	0	0	3	3	0.0
Barbados	0	0	1	2	1.2	0	8	40	49	1.8
Bermuda	-	0	0	0	0.1	0	-	-	0	0.0
British Virgin Islands	-	-	-	-	-	0	-	-	0	0.0
Cayman Islands	-	-	-	-	-	-	-	-	-	-
Cuba	10	24	1	36	0.6	17	94	2	113	0.2
Dominica	-	-	-	-	-	1	-	-	1	0.5
Dominican Republic	0	0	1	1	0.0	7	-	9	17	0.1
Grenada	0	0	0	0	0.1	1	-	-	1	0.2
Guadeloupe	-	-	-	-	-	0	0	-	0	0.0
Haiti	1	0	0	1	0.0	5	0	-	6	0.1
Jamaica	1	1	1	3	0.2	6	2	52	60	0.6
Martinique	0	-	-	0	0.0	0	0	-	0	0.0
Montserrat	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	0	0	0.2	-	-	-	-	-

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	(1 000)	(1 000)	(1 000)	(1 000)	(% of total labour force)	(US\$ million)	(US\$ million)	(US\$ million)	(US\$ million)	(% contribution to GDP)
Puerto Rico	-	1	2	3	0.2	-	50	62	112	0.1
Saint Kitts and Nevis	-	-	-	-	-	0	-	-	0	0.0
Saint Lucia	-	-	-	-	-	0	-	4	4	0.5
Saint Vincent and the Grenadines	-	-	0	0	0.2	2	-	-	2	0.5
Trinidad and Tobago	1	2	2	5	0.8	16	10	42	68	0.4
Turks and Caicos Islands	-	-	-	-	-	-	-	-	-	-
United States Virgin Islands	-	0	0	0	0.1	-	-	-	-	-
Total Caribbean	14	29	9	52	0.3	57	165	215	436	0.2
Belize	1	2	0	3	2.6	7	11	1	19	1.7
Costa Rica	1	7	5	13	0.7	12	42	118	171	0.8
El Salvador	4	5	4	13	0.4	121	2	70	193	1.1
Guatemala	7	1	2	10	0.2	483	51	52	587	2.0
Honduras	3	15	2	20	0.7	73	49	27	149	1.8
Nicaragua	3	1	-	4	0.2	40	45	7	92	1.9
Panama	1	1	2	3	0.2	26	6	36	67	0.4
Total Central America	20	32	13	65	0.4	762	206	311	1 279	1.3
Argentina	54	32	30	116	0.7	311	156	1 098	1 564	0.8
Bolivia	4	3	2	9	0.2	92	111	38	241	2.7
Brazil	306	503	201	1 010	1.2	18 198	3 953	6 055	28 206	2.8
Chile	44	27	15	86	1.2	448	1 008	2 153	3 609	2.6
Colombia	3	4	18	25	0.1	140	166	503	810	0.7
Ecuador	13	4	7	24	0.4	277	427	190	893	2.3
Falkland Islands	-	-	-	-	-	-	-	-	-	-
French Guiana	0	0	-	0	0.3	2	2	-	4	0.1
Guyana	3	5	-	8	1.9	18	13	-	31	4.1
Paraguay	3	2	1	5	0.2	163	81	56	301	3.6
Peru	19	6	6	31	0.3	278	204	458	940	1.1
South Georgia and the South Sandwich Islands	-	-	-	-	-	-	-	-	-	-
Suriname	1	3	0	4	2.2	6	9	-	15	0.9
Uruguay	4	3	2	8	0.8	163	35	40	239	1.2
Venezuela (Bolivarian Republic of)	8	25	33	66	0.5	540	629	484	1 653	1.0
Total South America	463	616	314	1 393	0.8	20 638	6 793	11 074	38 506	2.1
Total Latin America and the Caribbean	497	677	337	1 510	0.7	21 457	7 164	11 600	40 221	1.9

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Canada	63	128	84	275	1.6	7 229	13 488	11 284	32 000	2.7
Greenland	-	-	-	-	-	-	-	-	-	-
Mexico	84	85	125	293	0.6	1 720	1 855	3 477	7 052	0.9
Saint Pierre and Miquelon	0	-	-	0	0.0	-	-	-	-	-
United States of America	85	565	459	1 109	0.7	18 528	37 400	52 500	108 428	0.8
Total North America	232	778	667	1 677	0.8	27 477	52 743	67 261	147 480	1.0
Armenia	2	1	0	3	0.2	4	1	2	7	0.1
Azerbaijan	2	2	0	4	0.1	2	3	1	6	0.0
Georgia	6	3	0	9	0.3	11	4	1	16	0.2
Kazakhstan	10	1	3	14	0.2	29	13	17	59	0.1
Kyrgyzstan	3	1	1	5	0.2	2	1	1	4	0.2
Tajikistan	2	0	0	3	0.1	0	0	0	1	0.0
Turkmenistan	2	0	-	2	0.1	0	0	-	0	0.0
Uzbekistan	6	1	0	7	0.1	2	9	2	14	0.1
Total Central Asia	34	8	5	47	0.1	51	32	24	107	0.1
Afghanistan	-	-	-	-	-	4	2	-	5	0.1
Bahrain	-	0	0	0	0.1	-	1	6	6	0.0
Cyprus	1	2	1	3	0.8	3	91	30	123	0.8
Iran (Islamic Republic of)	7	8	22	36	0.1	270	86	355	711	0.3
Iraq	-	0	6	6	0.1	-	12	26	39	0.1
Israel	1	5	8	14	0.5	-	121	312	433	0.3
Jordan	0	4	4	8	0.3	-	16	70	86	0.7
Kuwait	-	1	1	2	0.2	-	26	56	82	0.1
Lebanon	-	3	6	10	0.7	1	63	189	253	1.1
Occupied Palestinian Territory	-	1	0	2	0.7	-	12	9	21	0.6
Oman	-	1	1	2	0.2	-	20	15	35	0.1
Qatar	-	5	0	5	1.5	-	73	16	89	0.2
Saudi Arabia	1	21	13	35	0.4	-	-	279	279	0.1
Syrian Arab Republic	1	16	2	19	0.3	4	87	31	122	0.4
Turkey	33	89	45	167	0.5	1 342	609	834	2 786	0.7
United Arab Emirates	-	1	4	5	0.4	-	-	81	81	0.0
Yemen	-	3	2	5	0.1	-	31	22	54	0.3
Total Western Asia	44	160	115	318	0.3	1 624	1 250	2 331	5 205	0.3
Total Western and Central Asia	78	168	120	365	0.2	1 675	1 282	2 355	5 312	0.3
TOTAL WORLD	3 876	5 459	4 374	13 709	0.4	117 508	149 811	200 589	467 908	1.0

SOURCE: FAO 2008b.