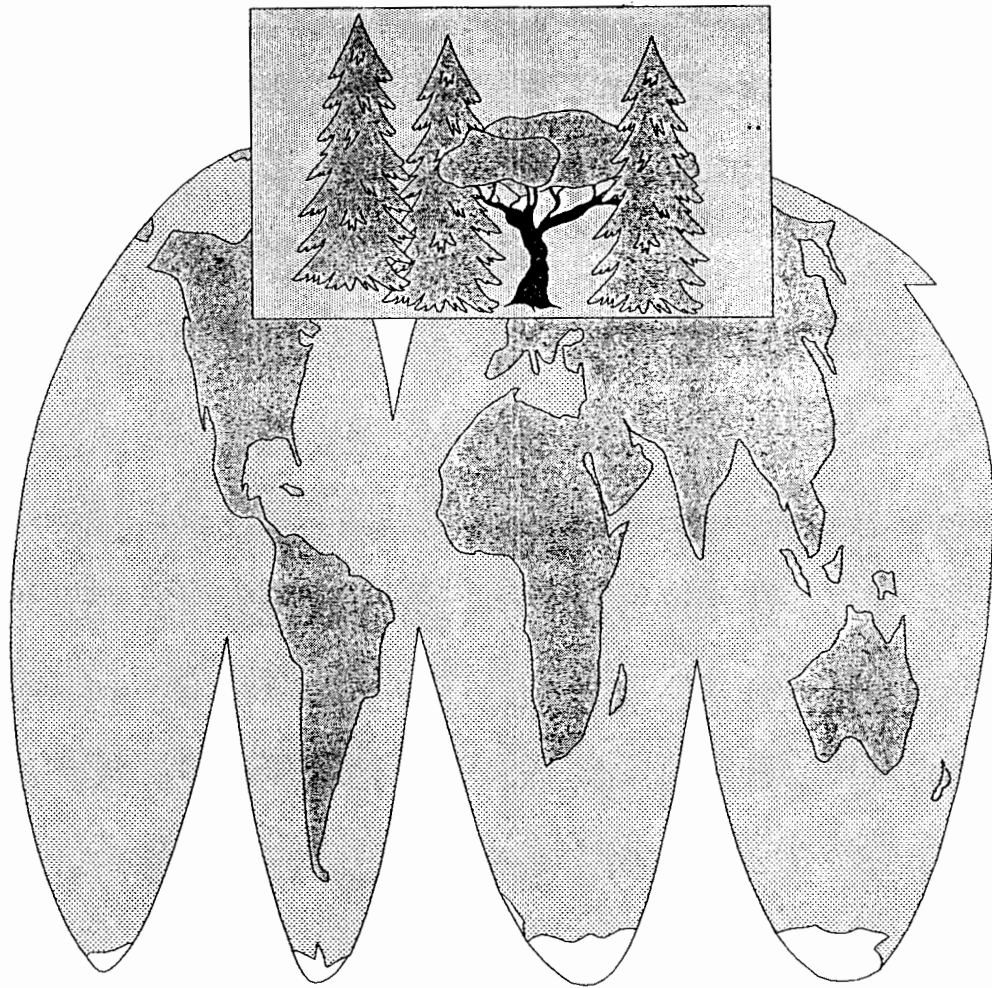


The Locational Suitability for An International Forestry "Entity"



Prepared for:

The Agriculture, Food and Nutrition Sciences Division
The International Development Research Centre

Ottawa, Canada

Report Supporting the Locational Suitability of an
International Forestry "Entity"

Supporting Document

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List of Acronyms

AFEN	Asian Forestry Education Network
BOSTID	Board on Science and Technology for International Development
CGIAR	Consultative Group on International Agricultural Research
FAO	Food and Agriculture Organization
FF	Ford Foundation
F/FRED	Forestry/Fuelwood Research and Development Project
IBRD	International Bank for Reconstruction and Development
IDA	International Development Association
IDRC	International Development Research Centre
IFS	International Foundation for Science
ILO	International Labour Office
JICA	Japan International Cooperation Agency
MPTS	Multipurpose Tree Species Research Network
NFTA	Nitrogen Fixing Tree Association
NORMNET	Northern Thailand Natural Resource Management Network
RF	Rockefeller Foundation
SAREC	Swedish Agency for Research Cooperation with Developing Countries
UNU	United Nations University
USAID	United States Agency for International Development

A. POPULATION AND FOREST RESOURCES

A.1. Rural Populations and Agricultural Labour Force (1960 - 1990)

	Population (in millions)			Rural Population as a % of Total		Average Annual Growth of Labour Force 1980-90	Percentage of Labour Force in Agriculture	
	1960	1990	2025	1960	1990		1960	1980
Africa	281	647	1581	82	65	2.5	78	69
Central America	71	151	262	65	46	2.8	53	38
South America	147	297	498	48	24	2.3	44	29
Asia	1666	3108	4889	78	70	2.2	75	66

Source: World Resources 1990 - 91, Table 16.1, pp.254,255 and
Table 17.2, pp.270,271. (See Appendix 1.)

A.2. Employment in Agriculture, Hunting, Forestry and Fishing (1985) (in thousands)

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
Angola	86.72	Barbados 7.80	Bahrain .41
Benin	6.10	Bolivia 677.30	Brunei .61
Botswana	4.00	Brazil 15,191.00	China 7,831.00
Burundi	6.54	Columbia 42.00	Hong Kong 41.50
Rep.C.Africa	4.34	Costa Rica 225.79	India 1,305.00
Gambia	.88	Cuba 543.60	Indonesia 34,141.80
Kenya	240.90	Chile 751.10	Malaysia 1,717.40
Malawi	193.20	Guatemala 233.60	Myanmar 9,772.00
Mauritius	52.65	Honduras 2.77	Pakistan 13,631.00
Niger	1.00	Jamaica 279.80	Philippines 10,085.00
Seychelles	2.28	Montserrat .50	Singapore 8.10
Sierre Leone	5.95	Neth.Antilles .46	Sri Lanka 357.70
Swaziland	32.00	Nicaragua 32.40	Thailand 15,383.30
Tanzania	8.03	Panama 184.70	
Togo	5.34	Puerto Rico 40.00	
Zambia	35.08	Trin.&Tobago 42.30	
		Uruguay 7.10	
		Venezuela 826.20	
		Virgin Is. .12	
TOTAL: AFRICA	675.99	LAT. AM. 19,088.54	ASIA 94,274.80

Source: ILO Yearbook of Labour Statistics 1989-90, Table 3.b.,
Geneva:ILO, 1989.

A.3. Resources and Their Use in Agriculture (1986)

	Forest Land as % of <u>Total Land</u>	Agric. Population per HA of <u>Arable Land</u>	Agric. Lab. Force as % of <u>Agric. Population</u>
Africa	27.0	2.60	41
Central America	27.5	1.70	38
South America	50.0	1.14	34
Asia	27.0	5.17	40

 Source: The State of Food and Agriculture 1989, FAO Agriculture Series, No.22, Table 12.a., pp.152.154, Rome: FAO, 1989. (See Appendix 1.)

A.4. Forests per Capita (1980)
 (population in thousands and forests per capita in ha)

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
Population	479,482	361,504	2,583,311
Forests per Capita	.7	1.8	.1

 Source: FAO, "An Interim Report on the State of Forest Resources in the Developing Countries", Table 1, 1988.

A.5. Numbers Employed in Manufacturing of Forest Products (1985)
(in thousands)

	<u>Manufacture of Wood and Wood Products</u>	<u>Pulp and Paper</u>
AFRICA		
Botswana	.39	.52
Central Rep.of Africa	1.25	1.25
Ethiopia	1.51	1.22
Kenya	7.85	4.79
Malawi	3.88	.33
Mauritius	1.22	.97
South Africa	56.10	40.10
Tanzania		.10
Zimbabwe	<u>4.60</u>	<u>4.10</u>
TOTAL	76.80	53.39
LATIN AMERICA		
Argentina		15.08
Barbados	.46	.99
Bermuda	.05	
Bolivia	1.42	.26
Columbia	5.45	10.60
Cuba	15.60	8.60
Dominican Republic	.14	2.29
Ecuador	3.06	2.93
El Salvador	1.35	4.11
Guatemala	2.20	1.24
Haiti	.14	.08
Mexico	5.22	29.68
Panama	.95	1.12
Puerto Rico	2.45	1.21
Uruguay	<u>2.25</u>	<u>3.44</u>
TOTAL	40.74	81.63
ASIA		
Bangladesh	2.20	8.80
China	258.00	584.00
Hong Kong	4.77	13.49
India	42.00	138.00
Indonesia	169.30	21.60
Rep. of Korea	36.90	50.80
Malaysia	54.30	7.00
Philippines	45.60	10.40
Singapore	4.12	3.36
Sri Lanka	<u>6.25</u>	<u>4.80</u>
TOTAL	623.44	833.45

Source: ILO Yearbook of Labour Statistics 1989-90, Table 5.b.,
Codes 33, 331, 34 and 341, Geneva: ILO, 1989.

A.6. Numbers Employed in Forestry and Wood Industries (1986 - 90)
(in thousands)

<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
249.2	1004.4	*7268.0

* Note: This figure is representative of three countries only: China, India and Indonesia. In India alone it is estimated that 4675.7 thousand people are employed in forestry and wood industries. Unlike all other countries listed, this figure includes the informal sector as well.

Source: Information sent by FAX from Esbjorn Andersson, Industrial Activities Branch, ILO, Geneva, 25 January 1991. (See Appendix 1.)

B. LAND USE

B.1. Forests and Woodlands
(000 hectares)

	<u>1985 - 87</u>	Percentage Change Since <u>1975 - 77</u>
Africa	689,254	..4.0
Central America	67,356	***
South America	904,628	4.5
Asia	539,890	1.5

 Source: World Resources 1990 - 91, Table 17.1, pp.268,269,
 Oxford: Oxford University Press, 1990. (See Appendix 2.)

B.2. Extent of Forests and Woodlands in the 1980s
(000 hectares)

	<u>Closed</u>	<u>Open</u>	<u>Total</u>
Africa	219,811	464,591	684,402
Central America	67,336	2,560	69,896
South America	653,605	204,520	858,125
Asia	409,418	87,147	491,565

 Source: World Resources 1990 - 91, Table 19.1, pp.292,293. (See
 Appendix 2.)

B.3. Areas of Natural Forests and Plantations at the End of 1980
(in million ha)¹

Closed Broadleaved Forests (CBF)

	<u>Productive</u>		<u>Unproductive</u>		<u>Total</u>
	<u>Undist.</u>	<u>Logged</u>	<u>Physical Reasons</u>	<u>Protected Areas</u>	
Tropical Africa	118.2	44.5	43.7	9.1	215.5
Tropical America	452.1	53.7	133.6	13.9	653.3
Tropical Asia	83.4	94.4	64.0	16.4	258.2

Natural Forests

	<u>CBF</u>	<u>Fallows of CBF</u>	<u>Open BF</u>	<u>Conif. Forests</u>	<u>Bamboo Forests</u>	<u>Total Natural Forests</u>
Tropical Africa	215.5	61.7	481.7	1.1	1.1	699.4
Tropical America	653.3	99.3	207.2	24.7	e	885.2
Tropical Asia	258.2	66.0	27.0	7.9	5.1	298.2

*e = area less than 50,000 ha.

Total Forest Area

	<u>Total Natural Forests</u>	<u>Plantations Broad.</u>	<u>Conif.</u>	<u>Total</u>	<u>Total Forest Area</u>
Tropical Africa	699.4	1.25	0.55	1.80	701.2
Tropical America	885.2	3.00	1.60	4.60	889.8
Tropical Asia	298.2	4.25	0.90	5.15	303.4

Source: J.P. Lanly, "The Status of Tropical Forests", Table 2, p.7, Rome: FAO, (n.d.). (See Appendix 2.)

¹ The total of each grouping, e.g. total of broadleaved forests, proceeds as a segment of the next grouping.

B.4. Forests and Woodlands
(1 million HA)

	<u>1973</u>	<u>1978</u>	<u>1983</u>	<u>1988</u>	<u>1988</u> <u>% of</u> <u>1973</u>
Africa:					
Total Land Area	2,328	2,328	2,328	2,328	1.00
Forests & Woodlands	671	658	644	631	.94
as % of total	29	28	27	27	
Latin America:					
Total Land Area	2,017	2,017	2,017	2,017	1.00
Forests & Woodlands	1,036	1,013	987	961	.93
as % of total	51	50	48	47	
Near East:					
Total Land Area	1,192	1,192	1,192	1,192	1.00
Forests & Woodlands	100	97	95	94	.94
as % of total	8	8	7	7	
Far East:					
Total Land Area	808	808	808	808	1.00
Forests & Woodlands	310	303	294	289	.93
as % of total	38	37	36	35	
Asian CPE:					
Total Land Area	1,151	1,151	1,151	1,151	1.00
Forests & Woodlands	164	167	169	162	.99
as % of total	14	14	14	14	

Source: FAO Production 1989, Vol.43, Table 1, pp.47-58, Rome:
FAO, 1989. (see Appendix 2.)

C. FOREST PRODUCTION AND TRADE²C.1. Volume of Forest Production
(thousand metric tons)

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>
AFRICA				
Sawlogs Conif.	1316	1241	1267	1415
Sawlogs Noncon.	15889	17339	16644	16116
Pulpwood & Part.	2610	2008	2297	2205
Fuelwood	289849	316770	347129	379396
Sawnwood Conif.	461	570	549	588
Sawnwood Noncon.	4354	5310	5117	5810
Wood-Based Panels	892	1152	1293	1463
Pulp for Paper	343	471	376	428
Paper & Paperbrd.	281	399	443	601

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>
LATIN AMERICA				
Sawlogs Conif.	22958	28493	31452	31905
Sawlogs Noncon.	23908	29789	30752	32427
Pulpwood & Part.	19804	29135	31334	31650
Fuelwood	224078	240383	257782	273831
Sawnwood Conif.	11289	11498	12575	13397
Sawnwood Noncon.	11531	14479	15073	15632
Wood-Based Panels	3514	4421	4610	4904
Pulp for Paper	4134	5261	6192	6829
Paper & Paperbrd.	6263	7451	8764	10418

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>
NEAR EAST				
Sawlogs Conif.	5216	5218	4150	3792
Sawlogs Noncon.	1859	1366	1353	1317
Pulpwood & Part.	1003	714	513	379
Fuelwood	37827	41021	41254	40491
Sawnwood Conif.	4104	4107	3794	3791
Sawnwood Noncon.	1146	1121	1719	1722
Wood-Based Panels	797	629	888	980
Pulp for Paper	273	487	588	588
Paper & Paperbrd.	560	832	808	781

² Except for pulp for paper and paper and paperboard, all forest products are expressed in thousand cubic metres.

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>
FAR EAST				
Sawlogs Conif.	2920	3461	3751	3870
Sawlogs Noncon.	80554	78401	83444	86200
Pulpwood & Part.	3367	3168	3433	2765
Fuelwood	447785	476442	505949	533984
Sawnwood Conif.	3006	3854	4220	5368
Sawnwood Noncon.	23533	25388	30472	34906
Wood-Based Panels	5859	6281	8425	11483
Pulp for Paper	1647	2630	3305	3583
Paper & Paperbrd.	3346	4211	5211	7028

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>
ASIAN CPE				
Sawlogs Conif.	29311	27923	33965	34977
Sawlogs Noncon.	19005	18473	22283	22916
Pulpwood & Part.	4647	4652	5690	6888
Fuelwood	176538	187081	198435	210513
Sawnwood Conif.	12745	14511	17410	17788
Sawnwood Noncon.	7728	8652	9432	9637
Wood-Based Panels	2023	2475	2524	3251
Pulp for Paper	4293	4967	5974	8149
Paper & Paperbrd.	5249	7017	9629	13146

Source: The State of Food and Agriculture 1989. FAO Agriculture Series, No.22, Table 1, pp.108-112, Rome: FAO, 1989. (See Appendix 3.)

C.2. Volume of Exports of Forest Products³

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	<u>Annual Rate of Change 1977-87</u>
AFRICA					
Sawlogs Conif.	2				
Sawlogs Noncon.	6211	4599	5076	3594	-5.73
Pulpwood & Part.	75	173	173	173	8.41
Fuelwood	51		28		
Sawnwood Conif.	116	94	82	80	-5.03
Sawnwood Noncon.	706	520	681	834	2.04
Wood-Based Panels	261	283	299	276	1.85
Pulp for Paper	218	229	252	244	2.03
Paper & Paperbrd.	16	20	12	5	-13.98

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	<u>Annual Rate of Change 1977-87</u>
LATIN AMERICA					
Sawlogs Conif.	689	377	902	1271	13.36
Sawlogs Noncon.	60	65	68	34	-6.34
Pulpwood & Part.				1346	
Fuelwood	152	71	10	6	-32.30
Sawnwood Conif.	1477	1319	1217	1433	-2.98
Sawnwood Noncon.	727	994	911	854	-.83
Wood-Based Panels	487	606	650	713	4.90
Pulp for Paper	715	1374	1532	1408	9.90
Paper & Paperbrd.	276	497	939	826	15.31

³ The annual rate of change is recorded as a percentage.

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change 1977-87
NEAR EAST					
Sawlogs Conif.	1	2	20	23	60.08
Sawlogs Noncon.	5	36	100	23	28.59
Pulpwood & Part.					
Fuelwood	22	24	11	11	-9.98
Sawnwood Conif.	60	96	107	42	-2.95
Sawnwood Noncon.		6	8	4	26.68
Wood-Based Panels	26	19	19	18	-2.91
Pulp for Paper					
Paper & Paperbrd.	10	35	71	65	23.12
	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change 1977-87
FAR EAST					
Sawlogs Conif.	270	291	107	11	-27.92
Sawlogs Noncon.	38457	24005	19372	23406	-6.66
Pulpwood & Part.	860	1033	643	891	-2.92
Fuelwood	731	1164	1146	890	1.80
Sawnwood Conif.	425	254	186	336	-4.55
Sawnwood Noncon.	5463	5511	6469	8521	2.89
Wood-Based Panels	3342	3590	5274	8040	10.23
Pulp for Paper	2	10	15	13	20.70
Paper & Paperbrd.	154	309	249	763	14.72
	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change 1977-87
ASIAN CPE					
Sawlogs Conif.	32	33	35	1	-24.68
Sawlogs Noncon.	42	33	59	12	-4.39
Pulpwood & Part.					
Fuelwood					
Sawnwood Conif.	28	12	12	16	-4.49
Sawnwood Noncon.	103	26	53	55	-2.20
Wood-Based Panels	1244	957	614	560	-7.84
Pulp for Paper	44	86	30	81	6.98
Paper & Paperbrd.	116	174	217	440	15.17

Source: The State of Food and Agriculture 1989. FAO Agriculture Series, No.22, Table 4, pp.124-128, Rome: FAO, 1989. (See Appendix 3.)

C.3. Volume of Imports of Forest Products⁴

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change <u>1977-87</u>
AFRICA					
Sawlogs Conif.	32	84	171	171	19.58
Sawlogs Noncon.	197	225	318	232	1.79
Pulpwood & Part.					
Fuelwood		1	33	33	
Sawnwood Conif.	763	1409	1817	1106	3.87
Sawnwood Noncon.	202	232	187	210	1.52
Wood-Based Panels	263	321	197	193	-5.29
Pulp for Paper	102	135	143	141	4.25
Paper & Paperbrd.	519	671	538	598	1.44

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change <u>1977-87</u>
LATIN AMERICA					
Sawlogs Conif.	34	156	69	58	4.23
Sawlogs Noncon.	105	30	75	76	.25
Pulpwood & Part.		24	8	8	
Fuelwood	4	7	4	6	-2.49
Sawnwood Conif.	1715	1874	1944	1451	-.81
Sawnwood Noncon.	679	642	734	607	
Wood-Based Panels	304	499	399	357	1.52
Pulp for Paper	530	762	766	881	4.98
Paper & Paperbrd.	1869	2437	1798	1843	-1.63

⁴ The annual rate of change is recorded as a percentage.

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change <u>1977-87</u>
NEAR EAST					
Sawlogs Conif.	176	205	316	556	10.09
Sawlogs Noncon.	68	46	11	56	-3.07
Pulpwood & Part.	36	38	57	47	13.80
Fuelwood	163	146	198	212	4.05
Sawnwood Conif.	2441	3498	4563	2909	2.68
Sawnwood Noncon.	620	550	811	587	1.76
Wood-Based Panels	804	1425	1450	1238	5.89
Pulp for Paper	127	111	171	170	4.79
Paper & Paperbrd.	889	1042	1205	1019	2.06

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change <u>1977-87</u>
FAR EAST					
Sawlogs Conif.	2426	1186	2073	2793	5.16
Sawlogs Noncon.	9371	5985	4986	5537	-5.94
Pulpwood & Part.		1	117	28	
Fuelwood	489	588	727	791	5.28
Sawnwood Conif.	235	72	49	32	-17.52
Sawnwood Noncon.	1829	1762	1778	2238	-.98
Wood-Based Panels	575	821	652	1051	3.93
Pulp for Paper	696	815	1055	1326	8.67
Paper & Paperbrd.	1830	2247	2537	2675	5.04

	<u>1978</u>	<u>1981</u>	<u>1984</u>	<u>1987</u>	Annual Rate of Change <u>1977-87</u>
ASIAN CPE					
Sawlogs Conif.	389	1181	6776	5574	42.30
Sawlogs Noncon.	7170	5286	4634	4703	-4.49
Pulpwood & Part.	728	1957	1563	2719	14.64
Fuelwood					
Sawnwood Conif.	29	10	15	22	-9.50
Sawnwood Noncon.	56	197	519	1158	38.97
Wood-Based Panels	24	260	710	824	53.37
Pulp for Paper	208	525	672	1056	19.31
Paper & Paperbrd.	411	662	634	1627	15.54

Source: The State of Food and Agriculture 1989, FAO Agriculture
Series, No.22, Table 6, pp.136-140, Rome: FAO, 1989. (See
Appendix 3.)

C.4. Wood Production and Trade (1975-87)

	Roundwood Production (000 m3)					
	Total		Fuel and Charcoal		Industrial Roundwood	
	% Change Since		% Change Since		% Change Since	
	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77
Africa	449,503	33	396,196	35	53,307	21
Central America	58,585		47,360		11,223	
South America	313,783	36	221,104	25	92,679	75
Asia	1,001,413	18	750,331	18	251,081	19

	Processed Wood Production (000 m3)				Paper Production (000 metric tons)	
	Sawnwood		Panels			
	% Change Since		% Change Since		% Change Since	
	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77
Africa	8,200	39	1,878	63	2,387	89
Central America	3,667		998		2,716	
South America	25,297	52	3,757	40	7,076	89
Asia	100,830	21	23,318	53	40,434	81

	Average Annual Net Trade Roundwood {a}	
	1975-77	1985-87
Africa	(5,678)	(3,261)
Central America	(5)	x
South America	(59)	(1,768)
Asia	28,630	43,144

Source: World Resources 1990-91, Table 19.2, pp.294,295. (See Appendix 3.)

Note: x = not available; negative numbers in parentheses.

C.5. Agriculture, Fish and Forestry Imports and Exports
(\$100,000)

	Imports				
	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
Africa	185,541	178,754	169,703	166,209	194,746
Central America	74,416	72,011	65,001	65,856	81,490
South America	63,688	53,521	64,544	59,268	62,757
Asia	803,104	735,260	768,714	932,484	1,104,467
	Exports				
	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>
Africa	130,942	126,796	147,897	139,858	143,938
Central America	118,206	120,601	134,815	120,715	134,948
South America	240,289	226,513	222,076	212,423	244,718
Asia	435,712	417,076	469,311	545,264	619,990

Source: FAO 1988 Yearbook: Trade, Vol.42, Table 6, pp.42-44,
Rome: FAO, 1990. (See Appendix 3.)

C.6. The Importance of Agriculture in the Economy (1987)

	Agric. Exports as % of <u>Total Exports</u>	Agric. Imports as % of <u>Total Imports</u>	Share of Total Imports Financed by Agric. Exports %
Africa	43	20	26
Central America	55	17	33
South America	28	10	29
Asia	21	17	11

Source: The State of Food and Agriculture 1989, Table 11,
pp.150,151. (See Appendix 3.)

D. DEFORESTATION AND REAFFORESTATION

D.1. Projected High and Low Deforestation Rates (1980-2020)

	<u>1980</u>	<u>1990</u>	<u>High Scenario</u>		<u>2020</u>
			<u>2000</u>	<u>2010</u>	
Africa	1.6	1.5	1.2	0.9	0.9
Asia-Pacific	1.7	1.5	1.2	1.2	1.1
Latin America	3.3	3.1	2.7	2.2	1.7

	<u>1980</u>	<u>1990</u>	<u>Low Scenario</u>		<u>2020</u>
			<u>2000</u>	<u>2010</u>	
Africa	1.0	0.9	0.7	0.6	0.4
Asia-Pacific	1.1	0.9	0.7	0.5	0.4
Latin America	2.0	1.6	1.1	0.6	0.0

Source: Robert Repetto, The Forest For The Trees ?, Table I.3, p.8, Washington: World Resources Institute, 1988. (See Appendix 4.)

D.2. Annual Deforestation and Reafforestation Rates Around 1980
in Tropical Regions (in million ha)

	Deforestation							
	Broadleaved Forests				Coniferous Forests		All Forests	
	<u>Closed</u>		<u>Open</u>		<u>Forests</u>		<u>Forests</u>	
	<u>Area</u>	<u>%</u>	<u>Area</u>	<u>%</u>	<u>Area</u>	<u>%</u>	<u>Area</u>	<u>%</u>
Africa	-1.33	-0.6	-2.38	-0.5	-0.01	-0.7	-3.72	-0.5
Latin America	-4.00	-0.6	-1.31	-0.6	-0.33	-1.3	-5.65	-0.6
Asia	-1.76	-0.7	-0.19	-0.7	-0.03	-0.4	-1.99	-0.7

Reafforestation Areas				
	<u>Broadleaved</u>	<u>Coniferous</u>	<u>Total</u>	<u>Ratio Def./Reaff.</u>
Africa	+0.10	+0.03	+0.13	29.1
Latin America	+0.35	+0.18	+0.53	10.6
Asia	+0.32	+0.11	+0.43	4.6

Source: J.P. Lanly, "The Status of Tropical Forests", Table 3, p.10, Rome: FAO, (n.d.). (See Appendix 4.)

D.3. Deforestation and Reafforestation in the 1980s

	Average Annual Deforestation						Average Annual Reafforest. (000 HA)
	Closed Forest		Open Forest		Total		
	Extent (000 HA)	%	Extent (000 HA)	%	Extent (000 HA)	%	
Africa	1,359	.6	2,406	.5	3,822	.6	355
Central America	1,072	.2	20	.0	1,092	.1	57
South America	*9,837	1.5	1,293	.6	11,180	1.3	760
Asia	3,931	1.0	57	.1	4,405	.9	**5,708

Source: World Resources 1990-91, Table 19.1, pp.292,293. (See
Appendix 4.)

Note: * The average annual extent of deforestation in Brazil
is 8 million hectares.

** In China, the average annual extent of reafforestation is
4.5 million hectares.

E. GOVERNMENT AND INSTITUTIONAL PRIORITY GIVEN TO FORESTRY

E.1. Distribution of Official Commitments (Excluding Technical Assistance Grants) to Agriculture (Broad Definition) From All Sources, by Region and Economic Groups

	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
	%				
CONCESSIONAL AND NON-CONCESSIONAL COMMITMENTS					
Far East & Pacific	42	46	46	40	40
Africa	26	28	26	27	34
Latin America	24	18	19	24	22
Near East	<u>9</u>	<u>7</u>	<u>10</u>	<u>9</u>	<u>4</u>
Total 4 Developing Regions	100	100	100	100	100
 CONCESSIONAL COMMITMENTS					
Far East & Pacific	48	51	49	48	46
Africa	31	34	30	37	40
Latin America	12	8	12	7	8
Near East	<u>9</u>	<u>8</u>	<u>8</u>	<u>8</u>	<u>7</u>
Total 4 Developing Regions	100	100	100	100	100
 NON-CONCESSIONAL COMMITMENTS					
Far East & Pacific	33	39	40	32	29
Africa	19	18	18	18	22
Latin America	40	36	30	40	49
Near East	<u>8</u>	<u>7</u>	<u>12</u>	<u>9</u>	
Total 4 Developing Regions	100	100	100	100	100

Source: The State of Food and Agriculture 1989, Table 21, p.171. .
(See Appendix 5.)

E.2. Forestry Projects Approved for IBRD and IDA Assistance in
Fiscal Year 1990 (in millions of US dollars)

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
Rep.C.Africa	19	Mexico 45.5	China 300
Cote d'Ivoire	80		Indonesia 20
Guinea	8		
Morocco	49		
Zimbabwe	14.5		
TOTAL: AFRICA	170.5	LAT.AM. 45.5	ASIA 320

Source: The World Bank Annual Report, Table 7-2, pp.158,159,
Washington: World Bank, 1990. (See Appendix 5.)

E.3. Forestry Research Expenditures by Major Geographical Regions
(total expenditures in thousands of 1980 US dollars)

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
1970	11,408	11,302	47,403
1975	24,762	22,586	59,286
1980	25,913	26,708	102,253
1981	38,600	34,658	112,352

Source: Mergen, F. et al in H.M. Gregersen, "The Global
Tropical Forestry Research System: Present Situation,
Needed Improvements", Table 7, Background Paper from
the Conference on Tropical Forestry Research, 30
November - 1 December 1988, Wiston House, U.K.

E.4. Research Expenditures as a Percent of the Value of
Production by Region for Forestry Research

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
1970	.071	.060	.056
1975	.119	.068	.079
1980	.122	.053	.075

Source: Mergen, F. et al in H.M. Gregersen, Table 8.

E.5. Number of Donor Countries and Inter-governmental
Organizations Providing Assistance in Forestry (1986)

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
Donor Countries	155	65	105
Development Banks	24	8	17
UN Organizations	70	21	38
TOTAL	<u>249</u>	<u>94</u>	<u>140</u>

Source: Secretariat Note, Food and Agriculture Organization of the United Nations Committee on Forest Development in the Tropics, Eighth Session (Rome, Italy, 14 -18 September, 1987) Table 1, p.4. (See Appendix 5.)

F. INITIATIVES, INSTITUTES AND NETWORKS INVOLVED IN FORESTRY

F.1. Institutions Engaged in Forestry and Forest Product Research

	<u>Number of Institutes</u>	<u>Number of Experimental Sites</u>	<u>Total</u>
AFRICA			
Algeria	3		3
Angola	1	2	3
Benin	1	2	3
Botswana	2		2
Burkina Faso	2		2
Burundi	3	12	15
Cameroon	3	13	16
Congo	1	2	3
Ethiopia	2		2
Gabon	1		1
Ghana	2	8	10
Ivory Coast	1	3	4
Kenya	4	8	12
Lesotho	3		3
Liberia	1		1
Madagascar	2		2
Malawi	2	6	8
Mali	1	5	6
Mauritius	1		1
Morocco	1	2	3
Mozambique	2	1	3
Niger	3	10	13
Nigeria	11	10	21
Senegal	3	5	8
Sierre Leone	1	3	4
Sudan	3	2	5
Swaziland	1	1	2
Tanzania	4	12	16
Togo	1		1
Tunisia	2		2
Uganda	2		2
Zaire	4	3	7
Zambia	4	4	8
Zimbabwe	1	4	5
TOTAL	79	118	197

	<u>Number of Institutes</u>	<u>Number of Experimental Sites</u>	<u>Total</u>
ASIA			
Bangladesh	1	4	5
Burma	1		1
China	59	30	89
Fiji	2	1	3
India	68	15	83
Indonesia	4		4
Malaysia	4	4	8
Nepal	2		2
Pakistan	1	8	9
Papua New Guinea	2	6	8
Philippines	6	14	20
Sri Lanka	2		2
Thailand	11	60	71
Viet Nam	3		3
TOTAL	166	142	308
LATIN AMERICA			
Argentina	80	28	108
Bolivia	2		2
Brazil	44	6	50
Chile	13	6	19
Columbia	13	10	23
Costa Rica	6	1	7
Cuba	3		3
Dominican Republic	1		1
Ecuador	7	1	8
El Salvador	1	1	2
French Guyana	2		2
Guatemala	1	1	2
Guyana	1		1
Honduras	3	2	5
Jamaica	1		1
Mexico	24	17 + 28	69
Nicaragua	4		4
Panama	4		4
Paraguay	3		3
Peru	7	5	12
Surinam	2		2
Trinidad & Tobago	3		3
Uruguay	3	3	6
Venezuela	8	1	9
TOTAL	236	110	346

Source: Institutions Engaged in Forestry and Forest Products Research, Rome: FAO, 1985.

F.2. Numbers of Institutions Engaged in Pure and Mixed Forestry Research

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
Pure Forestry Research	35	67	36
Pure Forest Products Research	5	12	11
Mixture	15	20	9
Other	<u>4</u>	<u>9</u>	<u>2</u>
TOTAL	59	108	58

 Source: FAO, Forestry Paper 71: World Compendium of Forestry and Forest Products Research Institutions, Rome: FAO, 1986.

F.3. Numbers of Research Institutions on Forestry and Forest Products, by Type

	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
University	10	40	15
Forestry Service Branch	12	7	16
National/Provincial Research Bodies	26	48	26
Agricultural Research Institutes	6	1	--
Private Bodies Development Projects	5	12	1
TOTAL	<u>59</u>	<u>108</u>	<u>58</u>

 Source: Same as F.2. above.

F.4. Forestry Schools

	<u>University Level</u>	<u>Non-University Level</u>	<u>Total</u>
AFRICA			
Algeria		4	4
Benin		2	2
Burkina Faso	1	1	2
Cameroon	1	2	3
Congo		1	1
Gabon		1	1
Ghana		2	2
Guinea		1	1
Ivory Coast		2	2
Kenya		1	1
Liberia	1	1	2
Madagascar	1	8	9
Malawi		1	1
Mali	1	2	3
Mauritania		1	1
Morocco	1	1	2
Niger		1	1
Nigeria	1	2	3
Senegal		2	2
Sierre Leone		1	1
South Africa		1	1
Sudan	1	1	2
Tanzania	1	2	3
Tunisia		2	2
Uganda	1	1	2
Zaire	2	1	3
Zambia		1	1
TOTAL	12	46	58
LATIN AMERICA			
Argentina	4		4
Bolivia	2	1	3
Brazil	6	1	7
Chile	3	11	14
Columbia	3	1	4
Costa Rica	3		3
Cuba	1	3	4
Dominican Republic		1	1
Ecuador	2	1	3
Guatemala	1		1
Honduras	1	1	2
Mexico	2	5	7
Paraguay	1		1
Peru	3	1	4
Trinidad & Tobago		1	1
Uruguay	1	1	2
Venezuela	1	1	2
TOTAL	34	29	63

	<u>University Level</u>	<u>Non-University Level</u>	<u>Total</u>
ASIA			
Bangladesh		2	2
China	11		11
Fiji		1	1
India	10	49	59
Indonesia	8	7	15
Kampuchea	1	1	2
Malaysia	1	7	8
Myanmar	1	1	2
Nepal		1	1
Pakistan	1	4	5
Papua New Guinea	1	1	2
Philippines	14	18	32
Sri Lanka		1	1
Thailand	1	2	3
Viet Nam	1	2	3
TOTAL	50	97	147

Source: World List of Forestry Schools, FAO Forestry Paper 3,
Rome: FAO, 1977.

F.5. The Number of Current Donor Funded Forestry Projects as Recognized by the IDRIS Database

<u>Donor</u>	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
JICA			3
UNU	2	2	2
BOSTID		1	4
IFS	22	21	21
SAREC	5	7	5
<u>IDRC</u>	<u>45</u>	<u>35</u>	<u>41</u>
TOTAL	74	66	76

Source: The IDRC IDRIS Database, Ottawa, 3 January 1991.

F.6. Forestry Research Networks⁵

<u>Network</u>	<u>Africa</u>	<u>Latin America</u>	<u>Asia</u>
NORMNET			1
MPTS			1
F/FRED			1
IDRC	1	1	2
NFTA*	*	*	*
AFEN			1

* Note: NFTA, The Nitrogen Fixing Tree Association acts as a communications network. No regional focus was mentioned.

Sources: Farm Forestry News, Multipurpose Tree Species (MPTS) Research Network, Vol.4, No.1, 1990; The IDRC IDRIS Database, Ottawa, 3 January 1991.

⁵ Information about forestry research networks was extremely difficult to locate. Requests for information of this kind were sent out to several leading organizations but the response was negligible and most stated that such data is not readily available.

Appendix 1 (i)

Table 16.1 Size and Growth of Population and Labor Force,

	Population (millions)			Average Annual Population Change (percent)			Average Annual Increment to the Population (thousands)			Average Annual Growth of the Labor Force (percent)		
	1960	1990	2025	1965-70	1975-80	1985-90	1965-70	1975-80	1985-90	1960-70	1970-80	1980-90
WORLD	3,019.4	5,292.2	8,466.5	2.06	1.74	1.73	72,398	74,081	87,666	1.7	1.7	1.9
AFRICA	281.1	647.5	1,581.0	2.63	2.95	3.00	8,928	13,185	18,015	2.2	2.5	2.5
Algeria	10.8	25.4	50.6	2.85	3.06	3.12	365	530	733	0.3	3.2	3.7
Angola	4.8	10.0	24.7	1.52	3.39	2.70	82	241	253	1.2	2.8	1.8
Benin	2.3	4.7	13.0	2.06	2.77	3.15	53	90	138	1.5	2.0	2.1
Botswana	0.5	1.3	3.4	2.54	3.54	3.51	15	29	41	1.2	3.0	3.3
Burkina Faso	4.5	9.0	22.7	2.14	2.30	2.67	114	151	225	1.4	1.8	2.0
Burundi	2.9	5.5	13.1	1.45	1.80	2.88	48	71	146	1.3	1.3	2.2
Cameroon	5.5	11.2	26.2	2.11	2.57	2.60	135	208	274	1.8	1.6	1.9
Cape Verde	0.2	0.4	0.9	3.04	0.87	2.81	8	3	10	3.2	1.0	3.3
Central African Rep	1.6	2.9	6.8	1.63	2.22	2.46	29	48	67	0.9	1.2	1.4
Chad	3.1	5.7	13.2	1.82	2.10	2.47	64	89	132	1.4	1.7	1.9
Comoros	0.2	0.5	1.3	2.43	3.40	3.11	6	12	15	2.1	3.1	2.5
Congo	1.0	2.0	5.0	2.18	2.46	2.73	25	35	51	1.9	2.1	1.9
Cote d'Ivoire	3.8	12.6	39.8	4.05	4.19	4.12	202	315	469	2.9	2.6	2.6
Djibouti	0.1	0.4	1.1	7.68	4.48	2.96	11	12	11	X	X	X
Egypt	25.9	54.1	94.0	2.35	2.69	2.55	733	1,046	1,296	2.0	2.1	2.6
Equatorial Guinea	0.3	0.4	1.0	1.55	1.99	2.34	4	7	10	0.9	1.1	1.4
Ethiopia	24.2	46.7	112.3	2.41	2.44	2.01	695	888	894	2.3	2.0	1.9
Gabon	0.5	1.2	2.9	0.36	4.70	3.45	2	34	37	0.5	0.8	0.7
Gambia, The	0.4	0.9	1.9	2.77	3.15	2.83	12	19	23	1.9	2.0	1.3
Ghana	6.8	15.0	37.0	1.91	1.76	3.14	157	181	436	1.5	2.4	2.7
Guinea	3.7	6.9	15.7	1.95	2.17	2.48	81	111	160	1.5	1.8	1.7
Guinea-Bissau	0.5	1.0	2.2	0.06	5.04	2.08	0	36	20	(0.6)	3.9	1.3
Kenya	6.3	25.1	77.6	3.30	3.82	4.22	350	578	955	3.3	3.6	3.5
Lesotho	0.9	1.8	4.3	2.01	2.41	2.85	20	30	47	1.4	2.0	2.0
Liberia	1.0	2.6	7.2	2.85	3.09	3.18	36	53	75	2.4	2.6	2.3
Libya	1.3	4.5	12.8	4.04	4.37	3.65	73	119	152	3.3	3.8	3.6
Madagascar	5.3	12.0	33.0	2.28	2.90	3.18	145	237	332	1.9	2.2	2.0
Malawi	3.5	8.4	22.8	2.56	3.00	3.31	109	159	257	2.1	2.3	2.5
Mali	4.6	9.4	24.1	2.15	2.19	2.94	116	145	255	1.6	1.7	2.5
Mauritania	1.0	2.0	5.0	2.17	2.46	2.73	25	36	52	1.9	1.8	2.8
Mauritius	0.7	1.1	1.5	1.83	1.91	1.25	15	17	13	2.8	2.5	2.9
Morocco	11.6	25.1	44.4	2.78	2.27	2.56	397	415	604	1.9	3.5	3.2
Mozambique, People's Rep	7.5	15.7	34.4	2.39	2.83	2.65	212	320	389	1.8	3.8	2.0
Niger	3.2	7.1	18.9	2.08	2.59	3.01	82	129	199	2.2	1.9	2.4
Nigeria	42.3	113.0	301.3	3.24	3.49	3.43	1,709	2,577	3,564	2.7	3.1	2.7
Rwanda	2.7	7.2	18.1	3.16	3.27	3.40	109	156	226	2.5	3.1	2.8
Senegal	3.0	7.4	16.4	2.89	3.46	2.69	108	180	185	2.6	3.3	1.9
Sierra Leone	2.2	4.2	9.6	1.79	2.15	2.49	45	66	97	0.8	1.0	1.2
Somalia	2.9	7.6	18.9	2.31	5.06	3.32	80	239	231	1.7	3.7	1.7
South Africa	17.4	35.2	63.2	2.49	2.23	2.19	526	595	731	2.8	1.3	2.8
Sudan	11.2	25.2	59.6	2.29	3.08	2.88	300	534	675	1.8	2.7	2.9
Swaziland	0.3	0.8	2.2	2.52	3.12	3.43	10	16	25	1.8	2.1	2.3
Tanzania	10.0	27.3	84.8	3.08	3.42	3.67	385	593	915	2.7	2.9	2.9
Togo	1.5	3.5	9.5	4.33	2.52	3.09	79	60	99	2.6	2.1	2.3
Tunisia	4.2	8.2	13.3	2.04	2.58	2.35	99	155	181	1.2	3.7	3.1
Uganda	6.6	18.4	55.2	3.96	3.20	3.49	352	387	590	3.9	2.6	2.8
Zaire	15.9	36.0	99.5	2.11	3.27	3.17	390	796	1,056	1.3	1.9	2.3
Zambia	3.1	8.5	25.5	2.96	3.40	3.76	115	179	290	2.6	2.7	3.3
Zimbabwe	3.8	9.7	22.6	3.28	2.96	3.15	159	197	283	3.5	2.9	2.8
NORTH & CENTRAL AMERICA	269.5	427.2	594.9	1.64	1.47	1.28	5,007	5,253	5,276	2.0	2.7	1.6
Barbados	0.2	0.3	0.3	0.30	0.28	0.62	1	1	2	(0.1)	2.7	1.5
Canada	17.9	26.5	32.1	1.61	1.04	0.88	329	243	229	1.7	3.1	1.2
Costa Rica	1.2	3.0	5.3	3.11	2.98	2.64	50	63	75	3.4	3.9	2.8
Cuba	7.0	10.3	12.0	1.87	0.84	0.75	153	80	76	1.0	3.1	2.3
Dominican Rep	3.2	7.2	11.4	3.00	2.42	2.22	123	130	151	2.2	3.1	3.4
El Salvador	2.6	5.3	11.3	3.54	2.05	1.93	117	88	97	3.5	3.0	3.1
Guatemala	4.0	9.2	21.7	2.77	2.77	2.88	136	179	247	2.5	2.2	2.9
Haiti	3.7	6.5	11.5	2.12	1.76	1.88	90	91	117	1.3	0.9	2.0
Honduras	1.9	5.1	11.5	2.71	3.46	3.18	67	116	151	2.5	3.2	3.9
Jamaica	1.6	2.5	3.8	1.20	1.24	1.52	22	26	37	0.7	2.9	2.8
Mexico	38.0	88.6	150.1	3.30	2.57	2.20	1,604	1,699	1,844	2.7	4.4	3.2
Nicaragua	1.5	3.9	9.2	3.19	2.81	3.36	60	73	120	2.8	2.9	3.8
Panama	1.1	2.4	3.9	2.88	2.26	2.07	41	42	47	3.0	2.5	2.9
Trinidad and Tobago	0.8	1.3	1.9	1.27	1.64	1.59	12	17	20	1.2	2.3	2.4
United States	180.7	249.2	300.8	1.08	1.06	0.82	2,150	2,357	1,990	1.8	2.3	1.1
SOUTH AMERICA	146.8	296.8	498.4	2.47	2.27	2.07	4,421	5,148	5,835	2.5	2.9	2.3
Argentina	20.6	32.3	45.5	1.45	1.61	1.27	336	437	398	1.4	1.0	1.1
Bolivia	3.4	7.3	18.3	2.37	2.59	2.76	97	135	189	1.8	2.1	2.8
Brazil	72.6	150.4	245.8	2.57	2.31	2.07	2,311	2,651	2,961	3.1	3.4	2.2
Chile	7.6	13.2	19.8	2.05	1.48	1.66	185	159	210	1.7	2.5	2.4
Colombia	15.5	31.8	51.7	2.77	2.14	2.05	538	523	621	2.7	2.5	2.7
Ecuador	4.4	10.8	22.9	3.18	2.88	2.79	178	218	281	2.6	2.7	3.0
Guyana	0.6	1.0	1.6	1.90	2.07	1.74	13	17	17	2.1	3.8	2.8
Paraguay	1.8	4.3	9.2	2.74	3.20	2.93	60	93	117	2.4	3.5	3.0
Peru	9.9	22.3	41.0	2.80	2.63	2.51	345	427	527	2.0	3.4	2.9
Suriname	0.3	0.4	0.6	2.28	(0.54)	1.46	8	(1)	6	2.1	0.5	2.6
Uruguay	2.5	3.1	3.9	0.84	0.56	0.76	23	16	23	0.8	0.2	0.7
Venezuela	7.5	19.7	38.0	3.35	3.42	2.61	327	472	484	2.8	4.9	3.3

1960-2025

Table 16.1

	Population (millions)			Average Annual Population Change (percent)			Average Annual Increment to the Population (thousands)			Average Annual Growth of the Labor Force (percent)		
	1960	1990	2025	1965-70	1975-80	1985-90	1965-70	1975-80	1985-90	1960-70	1970-80	1980-90
ASIA	1,666.8	3,108.5	4,889.5	2.44	1.86	1.85	48,227.8	45,889.3	54,850.6	2.0	2.2	2.2
Afghanistan	10.8	16.6	41.1	2.42	0.87	2.63	310	137	408	2.1	1.5	2.7
Bahrain	0.2	0.5	1.0	2.78	4.88	3.65	6	15	17	2.8	8.6	4.7
Bangladesh	51.4	115.6	235.0	2.68	2.83	2.67	1,672	2,328	2,889	1.5	2.1	2.9
Bhutan	0.9	1.5	3.1	1.91	1.70	2.15	19	20	31	1.6	1.8	1.9
China	657.5	1,135.5	1,492.6	2.61	1.43	1.39	20,297	13,773	15,195	2.2	2.5	2.2
Cyprus	0.6	0.7	0.9	1.09	0.65	1.04	7	4	7	0.9	1.3	1.1
India	442.3	853.4	1,445.6	2.28	2.08	2.08	11,951	13,631	16,838	1.5	1.7	2.0
Indonesia	96.2	180.5	263.3	2.33	2.14	1.62	2,648	3,058	2,810	2.0	2.1	2.4
Iran, Islamic Rep	20.3	56.6	122.2	3.30	3.08	3.45	864	1,111	1,792	3.1	3.2	3.3
Iraq	6.8	18.9	50.0	3.19	3.75	3.48	276	454	604	2.7	4.0	3.7
Israel	2.1	4.6	6.9	2.98	2.31	1.58	82	85	70	3.7	2.8	2.3
Japan	94.1	123.5	128.6	1.07	0.93	0.44	1,090	1,057	541	1.8	0.7	0.9
Jordan	1.7	4.3	13.1	3.17	2.34	3.94	67	65	153	2.9	1.0	4.4
Kampuchea, Dem	5.4	8.2	14.0	2.44	(2.07)	2.48	159	(139)	192	2.2	0.7	1.3
Korea, Dem People's Rep	10.5	22.9	39.6	2.76	2.57	2.36	358	435	510	2.3	2.9	2.9
Korea, Rep	25.0	43.6	54.6	2.25	1.55	1.19	679	569	505	3.2	2.6	2.4
Kuwait	0.3	2.1	4.4	9.17	6.24	4.02	55	74	76	7.8	7.4	5.2
Lao People's Dem Rep	2.2	4.1	7.7	2.18	1.16	2.49	56	36	95	2.0	1.3	2.0
Lebanon	1.9	3.0	5.0	2.75	(0.72)	2.11	64	(19)	60	2.4	1.2	2.1
Malaysia	8.1	17.3	27.9	2.66	2.32	2.31	270	301	378	2.7	3.8	2.9
Mongolia	0.9	2.2	5.4	3.09	2.82	3.09	36	44	64	2.5	2.9	2.9
Myanmar	21.7	41.7	72.6	2.29	2.10	2.09	587	676	825	2.0	2.3	1.9
Nepal	9.4	19.1	35.0	2.10	2.67	2.48	229	372	446	1.1	1.8	2.3
Oman	0.5	1.5	4.3	2.71	5.01	3.34	17	44	45	2.2	4.6	3.8
Pakistan	50.0	122.7	267.1	2.79	2.64	3.45	1,712	2,113	3,685	2.1	2.8	2.9
Philippines	27.6	62.4	111.4	3.17	2.53	2.48	1,102	1,150	1,458	2.6	2.5	2.5
Qatar	0.0	0.4	0.9	9.28	5.84	4.15	8	12	14	12.0	8.1	5.7
Saudi Arabia	4.1	14.1	44.8	3.62	5.13	3.96	190	424	507	3.3	5.7	4.0
Singapore	1.6	2.7	3.2	1.97	1.30	1.09	39	30	29	3.0	4.4	1.5
Sri Lanka	9.9	17.2	24.4	2.28	1.71	1.32	270	243	220	2.1	2.3	1.6
Syrian Arab Rep	4.6	12.5	32.3	3.23	3.36	3.57	187	272	409	2.2	3.4	3.6
Thailand	26.4	55.7	80.9	3.08	2.44	1.53	1,021	1,072	820	2.9	2.8	2.3
Turkey	27.5	55.6	89.6	2.51	2.09	1.99	834	883	1,054	1.4	1.7	2.2
United Arab Emirates	0.1	1.6	2.7	8.70	13.97	3.26	16	102	48	14.5	18.8	4.0
Viet Nam	34.7	67.2	118.0	2.17	2.23	2.24	878	1,134	1,422	0.9	2.1	2.8
Yemen Arab Rep	4.0	8.0	23.3	1.47	2.53	3.03	69	143	226	1.2	1.0	2.9
Yemen, People's Dem Rep	1.2	2.5	6.4	2.05	2.36	3.07	29	41	71	1.7	1.7	2.9
EUROPE	425.1	497.7	512.3	0.67	0.45	0.23	3,049	2,144	1,113	0.6	0.7	0.6
Albania	1.6	3.2	5.0	2.68	1.94	1.83	54	49	57	2.3	3.0	2.8
Austria	7.0	7.5	7.0	0.52	0.08	(0.02)	38	6	(1)	(0.8)	0.8	0.6
Belgium	9.2	9.9	9.9	0.40	0.11	0.07	38	11	7	0.3	0.9	0.5
Bulgaria	7.9	9.0	8.9	0.69	0.32	0.11	58	28	10	0.4	0.2	(0.0)
Czechoslovakia	13.7	15.7	17.2	0.24	0.68	0.21	35	102	33	1.2	0.8	0.4
Denmark	4.6	5.1	5.0	0.71	0.25	(0.01)	34	13	0	1.3	1.3	0.5
Finland	4.4	5.0	5.1	0.18	0.29	0.29	8	14	15	0.8	0.8	0.7
France	45.7	56.2	60.4	0.81	0.44	0.36	403	236	201	0.9	0.9	0.8
German Dem Rep	17.2	16.6	16.2	0.06	(0.13)	0.01	9	(22)	1	(0.4)	0.6	0.6
Germany, Fed Rep	55.4	60.5	54.0	0.55	(0.09)	(0.16)	328	(52)	(96)	0.3	0.5	0.3
Greece	8.3	10.0	10.1	0.56	1.28	0.23	48	119	23	0.1	0.7	0.5
Hungary	10.0	10.6	10.2	0.40	0.32	(0.18)	41	34	(16)	1.3	(0.5)	0.1
Iceland	0.2	0.3	0.3	1.22	0.91	0.97	2	2	2	2.5	2.9	1.5
Ireland	2.8	3.7	5.0	0.53	1.18	0.92	16	39	34	0.1	1.1	1.6
Italy	50.2	57.3	54.9	0.65	0.35	0.07	342	199	39	0.1	0.5	0.6
Luxembourg	0.3	0.4	0.3	0.43	0.09	0.04	1	0	0	(0.2)	1.6	0.2
Malta	0.3	0.4	0.4	0.35	2.09	0.49	1	7	2	1.2	2.1	1.0
Netherlands	11.5	14.8	15.1	1.17	0.70	0.37	148	97	54	1.5	1.5	1.2
Norway	3.6	4.2	4.5	0.81	0.39	0.28	31	16	12	1.3	2.0	0.8
Poland	29.6	38.4	45.1	0.64	0.89	0.65	206	310	244	2.0	0.7	0.6
Portugal	8.8	10.3	10.9	(0.19)	1.43	0.25	(16)	135	26	(0.0)	2.5	0.9
Romania	18.4	23.3	25.7	1.35	0.88	0.48	266	191	109	0.6	0.0	0.7
Spain	30.5	39.3	42.5	1.11	1.06	0.38	365	389	146	0.3	0.8	1.1
Sweden	7.5	8.3	8.1	0.78	0.29	(0.03)	62	24	(1)	1.3	1.1	0.4
Switzerland	5.4	6.5	6.1	1.35	(0.25)	0.15	82	(15)	10	1.8	0.3	0.5
United Kingdom	52.4	56.9	57.5	0.47	0.04	0.11	256	21	62	0.5	0.5	0.4
Yugoslavia	18.4	23.8	26.3	0.94	0.87	0.62	187	189	146	0.9	0.8	0.9
U.S.S.R.	214.3	288.0	351.5	1.01	0.82	0.78	2,404	2,139	2,209	0.6	1.6	0.7
OCEANIA	15.8	26.5	39.0	1.97	1.51	1.44	363	333	368	2.4	2.2	1.8
Australia	10.3	16.7	22.7	1.95	1.51	1.22	233	214	197	2.5	2.3	1.7
Fiji	0.4	0.7	1.0	2.29	1.77	1.60	11	11	11	3.5	3.0	2.1
New Zealand	2.4	3.4	4.1	1.41	0.17	0.79	38	5	26	2.2	2.0	1.6
Papua New Guinea	1.9	4.0	8.6	2.00	2.70	2.66	55	78	100	1.8	1.9	2.1
Solomon Islands	0.1	0.3	0.8	2.79	3.01	3.96	22	31	59	X	X	X

Sources: United Nations Population Division and the International Labour Organisation.

Notes: 0 = zero or less than half the unit of measure; X = not available; negative numbers are shown in parentheses. For additional information, see Sources and Technical Notes.

Labor Force, 1960-90

Table 17.2

	Average Annual											Year of Data(b)	Total Labor Force (000)	Percentage of Labor Force in						
	Urban Population as a Percentage of Total(a)		Population Change 1960-90 (percent)	Percentage of Population in Urban Areas by Size of Area (000)(a)										Agriculture Industry Services						
				1960	1975	1990	Urban	Rural	50-100	100-250	250-500						500-1,000	1,000-2,000	2,000+	
ASIA																				
Alghanistan	8.0	13.1	21.7	4.9	0.9	X	3.1	0.0	0.0	7.9	0.0	86	4,971	85	X	6	X	9	X	
Bahrain	78.6	79.3	82.9	4.2	3.3	20.6	25.2	0.0	0.0	0.0	0.0	81	181	14	3	45	35	42	62	
Bangladesh	5.1	9.1	13.6	6.2	2.4	1.1	1.4	0.0	0.0	1.4	3.4	81	28,845	87	75	3	6	10	19	
Bhutan	2.5	3.5	5.3	4.5	1.8	X	0.0	0.0	0.0	0.0	0.0	77	632	95	92	2	3	3	5	
China	19.0	20.2	21.4	2.2	1.7	X	1.2	2.0	3.2	3.1	12.3	82	617,906	X	74	X	14	X	15	
Cyprus	35.6	43.4	52.8	2.0	(0.4)	38.0	0.0	0.0	0.0	0.0	0.0	86	312	42	26	27	34	31	40	
India	18.0	21.5	28.0	3.7	1.8	1.6	2.5	1.8	2.7	0.7	4.7	81	293,194	74	70	11	13	15	17	
Indonesia	14.6	19.4	28.8	4.5	1.5	X	1.5	1.7	1.2	2.8	5.1	80	63,430	75	57	8	13	17	30	
Iran, Islamic Rep	33.6	45.7	54.9	5.2	2.2	3.4	8.7	4.6	8.1	2.5	12.8	82	13,023	54	36	23	33	23	31	
Iraq	42.9	61.4	74.2	5.4	0.7	X	4.1	4.1	0.0	12.5	0.0	70	4,259	53	30	18	22	29	48	
Israel	77.0	86.6	91.6	3.2	(0.8)	X	22.6	20.1	0.0	38.0	0.0	86	1,610	14	6	35	32	51	62	
Japan	62.5	75.7	77.0	1.6	(0.7)	12.0	16.1	16.2	4.9	14.2	0.0	86	59,772	33	11	30	34	37	55	
Jordan	42.7	55.4	68.1	4.7	1.1	8.6	4.0	7.9	23.1	0.0	0.0	85	799	44	10	26	26	30	64	
Kampuchea, Dem	10.3	10.3	11.6	1.8	1.4	X	0.0	5.4	0.0	0.0	0.0	62	3,602	X	X	X	X	X	X	
Korea, Dem People's Rep	65.8	X	X	X	X	X	X	X	X	X	X	X	9,084	62	43	23	30	15	27	
Korea, Rep	0.6	0.7	1.1	3.9	1.9	3.2	8.1	7.7	5.4	3.4	36.8	85	16,790	66	36	9	27	25	37	
Kuwait	72.3	83.8	95.6	8.0	0.6	X	13.5	0.0	0.0	0.0	0.0	75	677	1	2	34	32	65	67	
Lao People's Dem Rep	7.9	11.4	18.6	5.1	1.7	X	3.2	0.0	0.0	0.0	0.0	66	2,014	83	76	4	7	13	17	
Lebanon	39.6	68.6	83.7	4.1	(2.8)	X	4.8	0.0	35.2	0.0	0.0	70	769	38	X	23	X	39	X	
Malaysia	25.2	30.5	42.3	4.3	1.7	X	11.3	1.9	0.0	0.0	0.0	80	6,171	63	42	12	19	25	39	
Mongolia	35.7	48.7	51.2	4.2	2.0	X	0.0	27.0	0.0	0.0	0.0	87	894	70	40	13	21	17	39	
Myanmar	19.3	23.9	24.6	3.0	2.0	X	2.3	0.0	1.4	0.0	6.6	83	16,659	X	53	X	19	X	28	
Nepal	3.1	4.8	9.6	6.3	2.2	1.1	1.4	0.0	0.0	0.0	0.0	81	6,870	93	93	2	1	5	7	
Oman	3.5	6.1	10.6	7.9	3.7	X	0.0	0.0	0.0	0.0	0.0	60	361	X	50	X	22	X	28	
Pakistan	22.1	26.4	32.0	4.3	2.6	X	1.8	0.9	3.5	1.1	8.1	81	29,601	61	55	18	16	21	30	
Philippines	30.3	35.6	42.4	3.9	2.1	9.6	8.5	5.3	3.4	4.6	12.3	85	19,874	61	52	15	16	24	33	
Qatar	72.4	83.6	89.5	8.0	3.8	X	69.0	0.0	0.0	0.0	0.0	86	146	18	3	24	28	59	69	
Saudi Arabia	29.7	58.7	77.3	7.6	0.4	X	5.5	3.2	10.6	0.0	0.0	74	3,405	71	48	10	14	19	37	
Singapore	100.0	100.0	100.0	1.7	0.0	X	0.0	0.0	0.0	0.0	102.8	87	1,226	6	2	23	38	69	61	
Sri Lanka	17.9	22.0	21.4	2.5	1.7	X	3.4	0.0	4.2	0.0	0.0	85	5,520	57	53	13	14	30	33	
Syrian Arab Rep	36.8	45.4	51.8	4.6	2.5	1.2	7.6	4.1	0.0	23.9	0.0	87	2,595	54	32	19	32	27	36	
Thailand	12.5	15.2	22.6	4.5	2.1	1.3	1.0	0.0	0.0	0.0	9.1	80	26,557	64	71	4	10	12	19	
Turkey	29.7	41.6	48.4	4.1	1.3	6.6	6.5	5.7	2.8	3.0	15.6	85	21,355	79	58	11	17	10	25	
United Arab Emirates	40.0	79.8	77.8	12.5	6.5	X	35.4	20.0	0.0	0.0	0.0	80	233	X	5	X	38	X	57	
Viet Nam	14.7	18.8	21.9	3.6	1.9	X	5.0	0.5	0.0	2.1	10.0	79	28,755	81	68	5	12	14	21	
Yemen Arab Rep	3.4	11.0	25.0	9.3	1.5	X	2.0	0.0	0.0	0.0	0.0	75	1,676	70	69	15	9	15	22	
Yemen, People's Dem Rep	28.0	34.3	43.3	3.9	1.6	X	0.0	12.7	0.0	0.0	0.0	X	555	83	41	7	18	10	41	
EUROPE																				
Albania	30.6	32.8	35.3	2.9	2.1	X	7.3	0.0	0.0	0.0	0.0	85	1,388	71	56	18	26	11	18	
Austria	49.9	53.1	57.7	0.7	(0.4)	1.0	5.0	14.6	0.0	19.7	0.0	86	3,554	24	9	46	41	30	50	
Belgium	92.5	94.6	96.9	0.4	(2.6)	7.3	9.9	4.9	9.9	0.0	0.0	86	4,032	8	3	41	36	44	61	
Bulgaria	38.6	57.5	70.3	2.5	(1.9)	X	10.6	7.1	0.0	12.3	0.0	85	4,483	57	18	25	45	18	37	
Czechoslovakia	46.9	58.7	68.6	1.7	(1.3)	6.0	3.9	71.4	0.0	7.6	0.0	85	8,161	26	13	46	49	28	37	
Denmark	73.7	82.1	86.4	0.9	(1.8)	2.5	8.7	0.0	0.0	26.4	0.0	86	2,784	18	7	37	32	45	61	
Finland	38.1	55.1	67.9	2.3	(1.8)	23.8	0.0	10.5	19.6	0.0	0.0	86	2,458	35	12	31	35	33	53	
France	62.4	73.0	74.1	1.3	(0.6)	6.5	10.7	8.8	3.8	4.1	15.6	82	24,639	22	9	39	35	39	56	
German Dem Rep	72.3	75.2	78.0	0.1	(0.9)	7.8	9.3	3.6	6.4	7.3	0.0	85	9,518	18	11	48	50	34	39	
Germany, Fed Rep	77.4	83.1	86.4	0.7	(1.4)	7.0	10.7	5.7	8.8	7.8	0.0	86	29,403	14	6	48	44	38	50	
Greece	42.9	55.3	62.6	1.9	(0.8)	X	3.7	0.0	7.1	0.0	30.6	81	3,780	56	31	20	29	24	40	
Hungary	40.0	50.1	60.3	1.6	(1.2)	7.5	105.2	0.0	0.0	0.0	19.5	86	5,215	39	18	34	44	27	38	
Iceland	80.3	86.8	90.5	1.6	(1.2)	40.5	?	0.0	0.0	0.0	0.0	85	127	25	10	36	37	39	53	
Ireland	45.8	53.6	59.1	1.8	(0.0)	2.1	4.2	0.0	25.4	0.0	0.0	81	1,367	36	19	25	34	39	48	
Italy	59.4	65.6	68.6	0.9	(0.4)	9.4	8.9	4.4	2.5	6.7	4.9	81	22,763	31	12	40	41	29	48	
Luxembourg	62.1	73.7	84.3	1.6	(2.4)	21.0	0.0	0.0	0.0	0.0	0.0	85	155	15	5	44	35	41	60	
Malta	70.0	80.7	87.1	1.0	(2.5)	X	0.0	0.0	0.0	0.0	0.0	80	139	10	5	41	42	50	53	
Netherlands	85.0	88.4	88.5	1.0	(0.0)	X	14.6	4.6	14.9	7.1	0.0	86	5,861	11	6	43	32	46	63	
Norway	32.1	68.2	74.4	3.4	(2.7)	6.0	11.5	10.9	0.0	0.0	0.0	87	2,039	20	8	37	29	44	62	
Poland	47.9	55.2	63.2	1.8	(0.3)	7.5	11.8	6.5	7.5	4.5	0.0	86	19,221	48	29	29	39	23	33	
Portugal	22.5	27.8	33.3	1.8	0.0	4.1	0.0	3.2	7.9	0.0	0.0	81	4,563	44	26	29	37	27	38	
Romania	34.2	46.2	50.4	2.1	(0.2)	5.2	9.3	9.5	0.0	8.6	0.0	85	11,418	65	31	15	44	20	26	
Spain	56.6	69.6	78.4	2.0	(1.5)	8.4	14.5	8.5	6.5	4.4	0.0	86	13,725	42	17	31	37	27	46	
Sweden	72.6	82.7	84.0	0.9	(1.4)	11.5	13.2	5.5	8.5	17.4	0.0	87	4,237	14	6	45	33	41	62	
Switzerland	51.0	55.7	59.6	1.2	0.0	4.8	0.0	20.4	13.1	0.0	0.0	86	3,173	11	6	50	39	39	55	
United Kingdom	85.7	89.8	92.5	0.5	(1.9)	1.2	31.8	15.4	3.5	1.8	12.1	85	27,432	4	3	48	38	48	59	
Yugoslavia	27.9	38.5	50.2	2.9	(0.4)	3.7	6.2	3.1	2.8	4.7	0.0	81	10,484	63	32	18	33	19	34	
U.S.S.R.																				
Albania	48.8	60.0	67.5	2.1	(0.5)	X	9.0	9.0	7.5	8.1	6.5	86	143,289	42	20	29	39	29	41	
OCEANIA																				
Australia	66.3	71.8	70.9	2.1	1.2									11,211	27	20	32	28	41	52
Brunei	80.6	85.9	85.5	1.8	0.6	2.7	5.6	4.4	6.3	13.7	40.2	85	7,364	11	7	40	32	49	61	

12A. RESOURCES AND THEIR USE IN AGRICULTURE

COUNTRY	ARABLE LAND AS % OF TOTAL LAND 1986	IRRIGATED LAND AS % OF ARABLE LAND 1986	FOREST LAND AS % OF TOTAL LAND 1986	AGRIC. POPULATION PER HA OF ARABLE LAND 1986	AGRIC. LAB. FORCE AS % OF AGRIC. POPULATION 1986
ALGERIA	3	5	2	.8	23
ANGOLA	3		43	1.8	42
BENIN	17		33	1.5	48
BOTSWANA	2		2	.6	34
BURKINA FASO	10	1	25	2.3	54
BURUNDI	52	5	3	3.4	53
CAMEROON	15		54	.9	40
CAPE VERDE	10	5		3.9	37
CENTRAL AFRICAN REPUBLIC	3		58	.9	49
CHAD	3		10	1.3	35
COMOROS	45		16	3.8	46
CONGO	2	1	62	1.6	40
COTE D'IVOIRE	11	2	22	1.7	41
DJIBOUTI					45
EGYPT	3	100		8.1	27
EQUATORIAL GUINEA	8		46	1.0	43
ETHIOPIA	13	1	25	2.5	44
GABON	2		78	1.8	44
GAMBIA	17	7	18	3.2	47
GHANA	12		36	2.6	36
GUINEA	6	4	41	3.0	46
GUINEA-BISSAU	12		38	2.2	48
KENYA	4	2	6	7.1	40
LESOTHO	10			4.3	48
LIBERIA	4	1	22	4.4	37
LIBYA	1	11		.2	25
MADAGASCAR	5	28	26	2.6	45
MALAWI	25	1	47	2.4	44
MALI	2	9	7	3.3	32
MAURITANIA		6	15	6.5	31
MAURITIUS	56	16	31	2.5	37
MOROCCO	19	15	12	1.1	31
MOZAMBIQUE	4	3	19	3.8	55
NAMIBIA	1	1	22	.9	31
NIGER	3	1	2	1.5	52
NIGERIA	34	3	16	2.1	38
REUNION	22	9	35	1.3	40
RWANDA	45		20	5.2	50
SAO TOME AND PRINCIPE	39			1.9	40
SENEGAL	27	3	31	1.0	45
SEYCHELLES	22		19	10.3	44
SIERRA LEONE	25	2	29	1.3	37
SOMALIA	2	18	14	3.2	43
SOUTH AFRICA	11	9	4	.4	30
SUDAN	5	15	20	1.2	32
SWAZILAND	10	34	6	2.6	42
TANZANIA	6	2	48	3.6	49
TOGO	26		26	1.5	42
TUNISIA	30	6	4	.4	32
UGANDA	34		29	2.0	45
ZAIRE	3		77	3.2	39
ZAMBIA	7		40	.9	34
ZIMBABWE	7	7	52	2.3	39
BARBADOS	77			.6	51
BELIZE	2	4	44	1.1	33
BERMUDA			20		49
CANADA	5	2	38		50
COSTA RICA	10	21	32	1.4	34
CUBA	30	26	25	.6	40
DOMINICA	23		41	1.4	42
DOMINICAN REPUBLIC	30	14	13	1.7	30
EL SALVADOR	35	15	5	3.2	32
GRENADA	41		9	2.4	42
GUADELOUPE	23	7	40	.9	45
GUATEMALA	17	4	38	2.4	28
HAITI	33	8	2	4.7	45
HONDURAS	16	5	32	1.5	29
JAMAICA	25	13	17	2.8	43
MARTINIQUE	18	32	25	1.7	46
MEXICO	13	20	23	1.1	33
NICARAGUA	11	7	32	1.1	31
PANAMA	8	5	53	1.1	36
TRINIDAD AND TOBAGO	23	19	44	.9	38
UNITED STATES	21	10	29		44

COUNTRY	ARABLE LAND AS % OF TOTAL LAND 1986	IRRIGATED LAND AS % OF ARABLE LAND 1986	FOREST LAND AS % OF TOTAL LAND 1986	AGRIC. POPULATION PER HA OF ARABLE LAND 1986	AGRIC. LAB. FORCE AS % OF AGRIC. POPULATION 1986
AUSTRIA	18		39	.3	55
BELGIUM-LUXEMBOURG	25		21	.3	40
BULGARIA	37	30	35	.3	51
CZECHOSLOVAKIA	41	5	37	.3	53
DENMARK	62	16	12	.1	55
FINLAND	8	3	76	.2	50
FRANCE	35	6	27	.2	48
GERMAN DEMOCRATIC REP.	47	3	28	.3	57
GERMANY, FED. REP. OF	31	4	30	.3	57
GREECE	30	28	20	.6	43
HUNGARY	57	3	18	.3	47
ICELAND			1	2.1	61
IRELAND	11		5	.7	39
ITALY	41	25	23	.4	46
MALTA	41	8		1.3	36
NETHERLANDS	27	59	9	.7	41
NORWAY	3	11	27	.3	47
POLAND	49	1	29	.5	59
PORTUGAL	30	23	40	.8	42
ROMANIA	46	28	28	.5	56
SPAIN	41	16	31	.2	37
SWEDEN	7	2	64	.1	45
SWITZERLAND	10	6	26	.7	58
UNITED KINGDOM	29	2	9	.2	49
USSR	10	9	42	.2	51
YUGOSLAVIA	30	2	37	.7	50
AUSTRALIA	6	3	14		47
FIJI	13		65	1.2	33
FRENCH POLYNESIA	20		31	.4	33
KIRIBATI	52		3	.3	36
NEW CALEDONIA	1		38	3.7	32
NEW ZEALAND	2	51	27	.6	44
PAPUA NEW GUINEA	1		85	6.6	48
SOLOMON ISLANDS	2		93	2.5	32
TOKELAU					36
TONGA	81		12	.3	32
VANUATU	10		1	.5	32

Appendix 1 (iii)

FORESTRY AND WOOD INDUSTRIES COMMITTEE

Number of seats: 36
 Number of applications: 45

Country ¹	Employment '000 (year where specified)	Status of delegation at previous session	Information on effect given at previous session (1985) ²	Priority ranking of application
<u>Argentina</u>	79.7	Full	Yes E/W	11
<u>Australia</u>	50.0	2G;2E;0W	Yes E/W	X
<u>Austria</u>	89.9(+f) (1989)	Full	Yes E/W	7
<u>Belgium</u>	33.1(+f) (1988)	Full	Yes E/W	8
<u>Brazil</u>	215.6 (1987)	2G;2E;0W	Yes	X
<u>Bulgaria</u>	97.6 (1988)	Full	Yes W	X
<u>Byelorussian SSR</u>	105.0 ³ (1988)	.	No	3
<u>Cameroon</u>	60.2 ⁴	.	No	6
<u>Canada</u>	260.5 (1989)	Full	Yes E/W	6
<u>Chile</u>	18.0(W+f) (1986)	.	No	5
<u>China</u>	2 503.0 (1989)	.	No	5
<u>Colombia</u>	16.0(W+f) (1988)	.	Yes	10
<u>Costa Rica</u>	258.3 ⁵ (1989)	.	No	4
<u>Czechoslovakia</u>	92.0 (1989)	.	Yes E/W	5
<u>Denmark</u>	25.2(W+f) (1988)	.	Yes E/W	7
<u>Ecuador</u>	39.5 (1987)	.	No	3
<u>Finland</u>	101.0 (1989)	Full	Yes E/W	2
<u>France</u>	203.0 (1989)	Full	Yes E/W	10
<u>Germany</u> ⁹	387.0 (1987)	Full	Yes E/W	X
<u>Ghana</u>	20.0	1G;2E;2W	No	6
<u>Greece</u>	76.1	.	Yes E/W	10
<u>India</u>	4 675.7 ⁶ (1987)	Full	Yes E/W	X
<u>Italy</u>	107.2(W+f) (1987)	Full	Yes E/W	7
<u>Jamaica</u>	...	.	No	3
<u>Japan</u>	410.2(-f) (1986)	Full	Yes E/W	X
<u>Kenya</u>	0.3 ⁷ (1989)	1G;2E;2W	Yes E/W	4
<u>Madagascar</u>	4.4(+f) (1990)	.	No	2
<u>Malawi</u>	...	.	No	2
<u>Mexico</u>	118.6(W+c) (1988)	1G;1E;2W	Yes E/W	11
<u>Netherlands</u>	3.0	.	Yes E/W	9
<u>New Zealand</u>	37.7(+f) (1990)	.	Yes E/W	5
<u>Nigeria</u>	155.7 (1989)	.	No	12
<u>Paraguay</u>	...	.	No	6
<u>Peru</u>	255.1	Full	Yes	4
<u>Philippines</u>	89.3 (1986)	.	Yes E/W	7
<u>Portugal</u>	98.3	.	Yes E/W	5
<u>Spain</u>	276.5(+c) (1989)	Full	Yes	10
<u>Sweden</u>	115.0 (1989)	Full	Yes E/W	6
<u>Turkey</u>	375.1(+f) (1987)	Observer	Yes E/W	11
<u>Uganda</u>	8.6 ⁸	.	No	3
<u>Ukrainian SSR</u>	225.0 (1990)	.	No	8
<u>USSR</u>	2 600.0	Full	Yes E/W	X
<u>United Kingdom</u>	221.0 (1987)	Full	Yes E/W	X
<u>United States</u>	769.5 (1989)	Full	Yes E/W	7
<u>Uruguay</u>	3.6(W)	.	Yes E/W	7

Notes

¹ Current members underlined. ² Provision of reply to questionnaire and consultations with employers' and workers' organisations. ³ Pulp and paper industries included. ⁴ Plantation industry included. ⁵ Agriculture and forestry. ⁶ Includes the informal sector. ⁷ The number of licensed saw-millers. ⁸ If the industry were to operate at full capacity, the number of employed would total 35,000. ⁹ Information received does not cover the former GDR.

F = forestry only.
 W = wood industry only.
 c = cork.
 f = furniture
 X = no priority specified.

Appendix 2 (i)

Table 17.1 Land Area and Use, 1975-87

	Land Use (000 hectares)											
	Land Area (000 ha)	Population Density 1989 (per 1,000 ha)	Cropland		Permanent Pasture		Forest and Woodland		Other Land		Wilderness Area	
			Percentage	Change	Percentage	Change	Percentage	Change	Percentage	Change	Percentage	
			Since 1985-87	1975-77	Since 1985-87	1975-77	Since 1985-87	1975-77	Since 1985-87	1975-77	Total of Total Land Area	
WORLD	13,076,536	396	1,473,059	2.7	3,215,463	(0.2)	4,074,427	(2.1)	4,313,835	1.3	5,088,731	39
AFRICA	2,963,627	212	1,849,964	4.6	787,934	(0.5)	689,254	(4.0)	1,301,475	1.9	917,767	31
Algeria	238,174	103	7,528	(0.9)	31,132	(14.2)	4,594	11.5	194,920	2.5	140,424	59
Angola	124,670	78	3,517	0.5	29,000	0.0	53,220	(1.6)	38,933	2.3	27,050	22
Benin	11,062	415	1,839	3.3	442	0.0	3,670	(12.0)	5,111	9.5	1,209	11
Botswana	56,673	22	1,360	0.7	44,000	0.2	962	0.0	10,351	(0.8)	31,255	54
Burkina Faso	27,380	320	3,087	19.4	10,000	0.0	6,840	(8.1)	7,453	1.3	750	3
Burundi	2,565	2,065	1,329	5.3	911	6.3	65	9.6	260	(32.8)	X	X
Cameroon	46,540	235	6,983	7.2	8,300	0.0	24,980	(4.2)	6,277	11.2	1,320	3
Cape Verde	403	913	40	0.0	25	0.0	1	0.0	337	0.0	X	X
Central African Rep	62,298	46	1,997	5.1	3,000	0.0	35,840	(0.3)	21,461	(0.0)	20,917	34
Chad	125,920	44	3,188	4.0	45,000	0.0	13,050	(5.7)	64,682	1.0	61,254	48
Comoros	223	2,256	98	8.5	15	0.0	35	0.0	75	(9.2)	X	X
Congo	34,150	57	678	2.7	10,000	0.0	21,240	(0.9)	2,232	9.1	11,837	35
Cote d'Ivoire	31,800	380	3,613	22.4	3,000	0.0	6,680	(42.1)	18,307	31.2	4,268	13
Djibouti	2,318	170	X	X	200	0.0	6	0.0	2,112	0.0	X	X
Egypt	99,545	530	2,525	(7.5)	0	X	31	0.0	96,989	0.2	42,540	43
Equatorial Guinea	2,805	153	230	0.0	104	0.0	1,295	0.0	1,176	0.0	X	X
Ethiopia	110,100	415	13,930	1.4	45,100	(1.1)	27,500	(3.5)	23,570	5.9	19,716	19
Gabon	25,767	44	452	13.0	4,700	(1.4)	20,000	0.0	615	2.4	7,333	27
Gambia, The	1,000	835	167	10.1	90	0.0	180	(24.7)	563	8.4	X	X
Ghana	23,002	633	2,850	5.5	3,410	(2.8)	8,350	(7.7)	8,392	8.4	X	X
Guinea	24,586	273	1,577	0.4	3,000	0.0	10,060	(8.5)	9,949	10.3	X	X
Guinea-Bissau	2,812	344	330	15.8	1,080	0.0	1,070	0.0	332	(11.9)	X	X
Kenya	56,697	425	2,387	5.6	3,740	(1.0)	3,680	(7.5)	46,890	0.4	11,221	19
Lesotho	3,035	568	307	(9.4)	2,000	0.0	0	0.0	728	4.5	2,133	70
Liberia	9,632	257	371	0.9	240	0.0	2,103	0.0	6,918	(0.0)	1,420	13
Libya	175,954	25	2,136	3.7	13,300	9.0	660	16.1	159,858	(0.8)	65,497	37
Madagascar	58,154	200	3,057	8.5	34,000	0.0	14,900	(9.7)	6,197	28.1	691	1
Malawi	9,408	866	2,376	4.3	1,840	0.0	4,410	(13.2)	782	272.2	781	8
Mali	122,019	74	2,075	4.6	30,000	0.0	8,560	(4.5)	61,384	0.4	58,814	47
Mauritania	102,522	19	198	0.0	39,250	0.0	15,000	(0.9)	48,074	0.3	71,370	69
Mauritius	185	5,892	107	0.3	7	0.0	58	0.0	13	(2.5)	X	X
Morocco	44,630	543	8,443	9.0	20,900	7.7	5,200	0.2	10,087	(17.9)	X	X
Mozambique, People's Rep	78,409	194	3,090	0.3	44,000	0.0	14,970	(6.0)	15,349	6.2	6,130	8
Niger	126,670	54	3,537	32.0	9,253	(8.4)	2,540	(19.1)	111,340	0.5	65,633	55
Nigeria	91,077	1,199	31,252	3.8	20,970	0.8	14,600	(17.0)	24,255	7.5	1,526	2
Rwanda	2,495	2,801	1,113	18.6	410	(27.3)	503	(5.5)	469	1.8	X	X
Senegal	19,253	372	5,225	3.5	5,700	0.0	5,339	(4.2)	2,389	3.7	1,586	8
Sierra Leone	7,162	565	1,793	9.3	2,204	0.0	2,083	(2.3)	1,082	(7.7)	X	X
Somalia	62,734	117	930	3.0	28,850	0.0	8,850	(5.3)	24,104	2.0	10,460	17
South Africa	122,104	282	13,169	(1.7)	81,378	(0.2)	4,515	8.8	23,042	0.2	X	X
Sudan	237,600	103	12,478	1.8	56,000	0.0	47,080	(6.2)	122,042	2.4	79,377	32
Swaziland	1,720	444	164	0.8	1,152	(3.7)	105	0.3	299	16.8	X	X
Tanzania	88,604	297	5,212	2.9	35,000	0.0	42,545	(2.7)	5,847	21.6	7,053	8
Togo	5,439	616	1,429	1.0	200	0.0	1,400	(26.3)	2,410	25.3	X	X
Tunisia	15,536	514	4,766	(3.6)	3,035	8.3	560	9.3	7,175	(1.4)	1,901	12
Uganda	19,955	892	6,670	21.4	5,000	0.0	5,760	(7.9)	2,525	(21.3)	530	2
Zaire	226,760	154	6,647	8.2	9,221	0.0	175,630	(1.9)	35,262	8.7	11,763	5
Zambia	74,072	110	5,195	3.8	35,000	0.0	29,290	(3.0)	4,587	18.3	15,075	20
Zimbabwe	38,667	244	2,757	9.1	4,856	0.0	19,930	0.0	11,124	(2.0)	X	X
NORTH & CENTRAL AMERICA	2,137,796	197	273,829	2.1	367,020	2.5	684,544	(2.2)	812,403	0.5	900,665	42
Barbados	43	6,023	33	0.0	4	0.0	0	0.0	6	0.0	X	X
Canada	922,097	29	46,010	5.4	31,500	32.4	352,000	5.9	492,587	(5.7)	640,587	65
Costa Rica	5,106	576	525	6.1	2,293	34.1	1,640	(22.9)	648	(16.4)	X	X
Cuba	11,086	923	3,305	5.9	2,752	3.0	2,739	13.2	2,290	(20.3)	X	X
Dominican Rep	4,838	1,451	1,473	13.2	2,092	0.0	623	(3.1)	650	(18.9)	X	X
El Salvador	2,072	2,478	733	8.9	610	0.0	106	(35.4)	623	(1.0)	X	X
Guatemala	10,843	824	1,848	10.2	1,360	7.9	4,070	(16.4)	3,565	17.4	X	X
Haiti	2,756	2,316	905	4.4	496	(7.6)	52	(16.1)	1,303	1.0	X	X
Honduras	11,189	445	1,783	5.9	2,520	8.3	3,580	(18.5)	3,306	18.5	1,126	10
Jamaica	1,083	2,293	269	2.2	195	(8.6)	189	(5.0)	430	5.6	X	X
Mexico	190,869	454	24,703	3.0	74,499	0.0	44,620	(11.9)	47,047	12.6	3,050	2
Nicaragua	11,875	315	1,268	3.1	5,200	11.8	3,820	(22.6)	1,587	50.0	1,521	10
Panama	7,599	312	572	4.5	1,310	8.3	3,990	(7.0)	1,727	11.3	X	X
Trinidad and Tobago	513	2,462	119	3.2	11	0.0	224	(4.3)	159	4.1	X	X
United States	916,660	270	189,915	0.9	241,467	(0.2)	265,188	(8.8)	220,090	14.2	44,058	5
SOUTH AMERICA	753,473	166	141,221	1.4	472,777	4.0	904,628	(4.5)	234,847	3.1	422,270	24
Argentina	273,669	117	35,950	3.2	142,600	(0.7)	59,600	(1.1)	35,519	1.6	14,976	5
Bolivia	108,439	66	3,398	3.0	26,800	(1.2)	55,830	(1.3)	22,411	4.5	178,100	16
Brazil	845,651	174	76,717	22.7	167,000	6.4	560,420	(4.2)	41,514	0.3	202,061	24
Chile	74,880	173	5,553	4.0	11,900	1.7	8,680	0.0	48,747	(0.8)	23,086	31
Colombia	103,870	300	5,299	3.2	39,804	7.3	51,507	(5.5)	7,260	1.5	15,156	13
Ecuador	27,684	379	2,594	1.4	4,900	61.5	12,098	(19.6)	8,092	14.9	X	X
Guyana	19,685	52	495	21.3	1,230	17.0	16,369	(7.7)	1,591	223.2	12,204	57
Paraguay	39,730	105	2,176	71.2	19,152	26.0	16,564	(20.4)	1,839	(25.2)	7,726	19
Peru	128,000	170	3,710	12.8	27,120	0.0	69,400	(3.5)	27,770	8.1	36,660	29
Suriname	16,147	25	65	49.2	20	22.9	14,860	(0.3)	1,203	2.1	11,080	68
Uruguay	17,481	178	1,444	(0.0)	13,544	(0.6)	666	7.6	1,827	2.3	X	X
Venezuela	88,205	218	3,815	6.0	17,500	3.4	31,335	(8.5)	35,555	6.3	29,742	33

Table 17.1

	Land Area (000 ha)	Population Density 1989 (per 1,000 ha)	Land Use (000 hectares)									
			Cropland		Permanent Pasture		Forest and Woodland		Other Land		Wilderness Area	
			Percentage Change Since		Percentage Change Since		Percentage Change Since		Percentage Change Since		Percentage of Total Land Area	
			1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	Total	
ASIA AND THE PACIFIC	2,678,653	1,139	451,030	0.8	678,546	(1.2)	539,890	(1.5)	1,009,375	1.3	372,454	14
Afghanistan	65,209	241	8,054	0.1	30,000	0.0	1,900	0.0	25,255	(0.0)	8,740	14
Bahrain	68	7,324	2	0.0	4	0.0	0	0.0	62	0.0	X	X
Bangladesh	13,391	8,404	9,154	0.3	600	0.0	2,126	(3.4)	1,511	3.0	X	X
Bhutan	4,700	316	102	19.0	218	2.0	3,295	2.5	1,085	(8.6)	1,179	25
China	932,641	1,201	97,674	(2.9)	5	0.0	123	0.0	638	0.2	210,776	22
Cyprus	924	751	158	(0.8)	11,978	(5.4)	67,129	1.0	49,210	(1.6)	X	X
India	297,319	2,811	169,002	0.5	11,817	(2.5)	121,494	(0.4)	26,740	(3.0)	1,161	0
Indonesia	181,157	981	21,107	8.1	44,000	0.0	18,020	0.1	86,750	1.3	11,761	6
Iran, Islamic Rep	163,600	336	14,830	(6.9)	4,000	0.0	1,893	(1.6)	32,394	0.4	15,685	10
Iraq	43,737	418	5,450	3.0	818	0.0	110	(5.2)	673	(1.5)	6,477	15
Israel	2,033	2,219	432	3.9	626	23.5	25,105	0.4	7,188	1.3	X	X
Japan	37,652	3,265	4,733	(6.0)	791	0.1	70	14.8	7,618	(0.4)	X	X
Jordan	8,893	461	414	5.5	580	0.0	13,372	0.0	644	(1.5)	X	X
Kampuchea, Dem	17,652	456	3,056	0.3	50	0.0	8,970	0.0	639	(24.3)	X	X
Korea, Dem People's Rep	12,041	1,862	2,382	9.4	83	150.0	6,518	(1.4)	1,129	13.8	X	X
Korea, Rep	9,873	4,366	2,143	(4.2)	134	0.0	2	0.0	1,642	(0.2)	X	X
Kuwait	1,782	1,131	4	266.7	800	0.0	13,100	(7.1)	8,280	13.0	X	X
Laos People's Dem Rep	23,080	172	900	5.9	10	0.0	80	(11.1)	633	6.7	437	2
Lebanon	1,023	2,832	300	(9.0)	27	0.0	19,820	(10.8)	8,633	35.6	X	X
Malaysia	32,855	516	4,375	3.1	123,338	(5.0)	15,178	(0.3)	16,652	57.9	2,844	9
Mongolia	156,500	14	1,332	38.9	362	0.0	32,272	0.3	23,051	(0.9)	24,131	15
Myanmar	65,754	621	10,067	0.7	319,080	0.0	116,848	1.0	399,039	0.4	2,547	4
Nepal	13,680	1,366	2,326	0.0	1,984	9.0	2,308	(0.5)	7,061	(2.1)	X	X
Oman	21,246	67	47	24.6	1,000	0.0	0	0.0	20,199	(0.0)	4,769	18
Pakistan	77,088	1,541	20,690	4.0	5,000	0.0	3,150	10.0	48,248	(2.2)	2,737	3
Philippines	29,817	2,043	7,920	6.5	1,180	26.2	11,150	(16.0)	9,567	17.1	X	X
Qatar	1,100	322	4	100.0	50	0.0	0	0.0	1,046	(0.2)	X	X
Saudi Arabia	214,969	63	1,178	6.7	85,000	0.0	1,200	(21.1)	127,591	0.2	67,889	28
Singapore	61	43,836	4	(50.0)	0	0.0	3	0.0	54	8.0	X	X
Sri Lanka	6,474	2,625	1,883	(1.0)	439	0.0	1,747	(2.2)	2,405	2.5	X	X
Syrian Arab Rep	18,406	655	5,627	1.3	8,299	(3.1)	524	16.2	3,956	2.9	X	X
Thailand	51,089	1,075	19,920	17.1	740	32.1	14,662	(18.4)	15,955	2.6	2,809	6
Turkey	76,963	709	27,658	(0.4)	8,800	(13.7)	20,199	0.2	20,307	7.8	X	X
United Arab Emirates	8,360	185	618	18	200	0.0	3	50.0	8,139	(0.1)	1,938	26
Viet Nam	32,536	2,019	6,494	1.5	310	14.0	13,000	(3.7)	12,732	3.0	X	X
Yemen Arab Rep	19,500	398	1,355	0.3	7,000	0.0	1,600	0.0	9,545	(0.0)	2,067	11
Yemen, People's Dem Rep	33,297	72	119	9.2	9,065	0.0	1,540	(6.1)	22,573	0.4	9,639	34
EUROPE	472,960	1,050	139,908	(1.0)	83,979	(3.4)	157,164	1.3	91,968	2.5	18,941	4
Albania	2,740	1,164	713	4.9	398	(2.5)	1,043	3.1	586	(8.4)	0	0
Austria	8,273	906	1,516	(6.3)	1,983	(5.9)	3,207	(1.6)	1,567	21.9	0	0
Belgium	3,282	3,026	815	(8.5)	703	(10.4)	698	(0.6)	1,066	17.9	0	0
Bulgaria	11,055	814	4,133	(4.5)	2,034	13.5	3,867	1.6	1,021	(9.5)	0	0
Czechoslovakia	12,538	1,247	5,144	(2.2)	1,642	(5.2)	4,597	1.9	1,156	9.6	0	0
Denmark	4,237	1,208	2,606	(2.0)	214	(22.0)	493	1.4	924	12.9	0	0
Finland	30,461	163	2,404	(2.3)	130	(19.4)	23,222	(0.2)	4,704	2.9	2,939	9
France	55,010	1,018	19,232	2.1	12,074	(8.9)	14,642	0.5	9,063	8.6	0	0
German Dem Rep	10,524	1,582	4,955	(0.7)	1,252	(4.1)	2,977	0.8	1,362	(0.7)	0	0
Germany, Fed Rep	24,428	2,482	7,464	(1.2)	4,528	(7.7)	7,328	0.7	5,108	9.4	0	0
Greece	13,085	767	3,940	2.0	5,255	0.0	2,620	0.1	1,270	(6.2)	0	0
Hungary	9,234	1,145	5,290	(3.2)	1,234	(4.3)	1,659	6.4	1,051	13.8	0	0
Iceland	10,025	25	8	0.0	2,274	(0.2)	120	0.0	7,623	0.0	2,975	29
Ireland	6,889	535	1,008	(16.7)	4,681	3.8	333	9.8	867	(0.1)	0	0
Italy	29,406	1,948	12,130	(1.6)	4,966	(4.2)	6,625	4.9	5,685	1.9	0	0
Luxembourg	259	1,417	X	X	0	0.0	0	0.0	0	0.0	0	0
Malta	32	10,938	13	(2.5)	0	0.0	0	0.0	19	1.8	0	0
Netherlands	3,392	4,334	907	6.8	1,108	(9.3)	300	(0.8)	1,077	6.4	0	0
Norway	30,683	137	856	7.6	99	(2.6)	8,330	0.0	21,399	(0.3)	5,627	17
Poland	30,446	1,255	14,753	(2.0)	4,060	(1.2)	8,730	1.2	2,904	8.6	0	0
Portugal	9,195	1,116	2,757	(3.4)	530	0.0	3,641	0.0	2,267	4.5	0	0
Romania	23,034	1,006	10,649	1.2	4,402	(0.8)	6,340	0.3	1,644	(6.7)	0	0
Spain	49,944	785	20,420	(1.3)	10,270	(6.4)	15,671	3.3	3,582	15.2	0	0
Sweden	41,162	203	2,969	(1.1)	568	(21.8)	28,015	0.6	9,610	0.3	2,315	5
Switzerland	3,977	1,638	412	4.1	1,609	(1.0)	1,052	0.0	904	(0.0)	0	0
United Kingdom	24,160	2,354	7,031	0.8	11,573	0.0	2,298	12.6	3,292	(8.5)	0	0
Yugoslavia	25,540	928	7,774	(2.8)	6,360	0.4	9,344	2.7	2,061	(2.6)	0	0
U.S.S.R.	22,227,200	28	232,473	(0.0)	373,667	0.2	442,667	1.9	678,393	(2.6)	752,022	34
OCEANIA	788,660	33	49,633	14.0	451,539	(3.8)	156,280	(6.7)	185,375	14.3	260,346	30
Australia	761,793	22	47,885	14.1	437,136	(4.0)	106,000	(9.6)	170,772	15.9	229,431	33
Fiji	1,827	404	240	3.7	60	(7.7)	1,185	0.0	342	(1.1)	0	0
New Zealand	26,867	125	518	21.2	13,857	0.7	7,213	2.4	5,279	(6.3)	3,723	14
Papua New Guinea	45,286	86	385	8.9	87	(18.5)	38,270	(0.5)	6,545	3.0	3,903	8
Solomon Islands	2,754	115	56	10.6	39	0.0	2,560	0.0	144	(3.6)	0	0

Sources: Food and Agriculture Organization of the United Nations, United Nations Population Division, and Sierra Club.
 Notes: 0 = zero or less than half the unit of measure; X = not available; negative numbers are shown in parentheses.
 For additional information, see Sources and Technical Notes.

Appendix 2 (ii)

Table 19.1 Forest Resources, 1980s

	Extent of Forest and Woodland, 1980s (000 hectares)			Average Annual Deforestation, 1980s						Average Annual Reforestation	Managed Closed Forest	Protected Forest
	Closed	Open	Total	Closed Forest		Open Forest		Total Forest		1980s	1980s	1980s
				Extent (000 ha)	Percent	Extent (000 ha)	Percent	Extent (000 ha)	Percent	(000 ha)	(000 ha)	(000 ha)
WORLD	2,838,770	1,242,768	4,081,538									
AFRICA	219,811	464,591	684,402	1,359	0.6	2,406	0.5	3,822	0.6	355	2,327	9,434
Algeria	1,518	249	1,767	X	X	X	X	40	2.3	66	X	8
Angola	2,900	50,700	53,600	44	1.5	50	0.1	94	0.2	4	X	X
Benin	47	3,820	3,867	1	2.6	66	1.7	67	1.7	0	X	X
Botswana	0	32,560	32,560	X	X	20	0.1	20	0.1	X	X	0
Burkina Faso	271	4,464	4,735	3	1.1	77	1.7	80	1.7	3	X	X
Burundi	27	14	41	1	2.6	0	2.9	1	2.7	3	X	9
Cameroon	16,500	6,800	23,300	100	0.6	90	1.3	190	0.8	2	X	X
Cape Verde	X	X	X	X	X	X	X	X	X	1	X	X
Central African Rep	3,590	32,300	35,890	5	0.1	50	0.2	55	0.2	X	X	X
Chad	500	13,000	13,500	X	X	80	0.6	80	0.6	0	X	0
Comoros	16	X	16	1	3.1	X	X	1	3.1	0	X	X
Congo	21,340	X	21,340	22	0.1	X	X	22	0.1	0	X	130
Cote d'Ivoire	4,458	5,376	9,834	290	6.5	220	4.1	510	5.2	8	1	648
Djibouti	2	68	70	X	X	X	X	X	X	2	X	X
Egypt	X	X	X	X	X	X	X	X	X	X	X	X
Equatorial Guinea	1,295	X	1,295	3	0.2	X	X	3	0.2	X	X	X
Ethiopia	4,350	22,800	27,150	8	0.2	80	0.4	88	0.3	13	X	X
Gabon	20,500	75	20,575	15	0.1	X	X	15	0.1	1	X	X
Gambia, The	65	150	215	2	3.4	3	2.0	5	2.4	0	X	X
Ghana	1,718	6,975	8,693	22	1.3	50	0.7	72	0.8	2	1,167	397
Guinea	2,050	8,600	10,650	36	1.8	50	0.6	86	0.8	0	X	0
Guinea-Bissau	660	1,445	2,105	17	2.6	40	2.8	57	2.7	0	X	X
Kenya	1,105	1,255	2,360	19	1.7	20	1.6	39	1.7	13	70	405
Lesotho	X	X	X	X	X	X	X	X	X	1	X	X
Liberia	2,000	40	2,040	46	2.3	X	X	46	2.3	3	X	X
Libya	134	56	190	X	X	X	X	X	X	39	X	X
Madagascar	10,300	2,900	13,200	150	1.5	6	0.2	156	1.2	15	X	930
Malawi	186	4,085	4,271	X	X	150	3.7	150	3.5	1	X	145
Mali	500	6,750	7,250	X	X	36	0.5	36	0.5	1	X	X
Mauritania	29	525	554	1	2.4	13	2.4	13	2.4	0	X	X
Mauritius	3	X	3	0	3.3	X	X	0	3.3	0	X	X
Morocco	1,533	1,703	3,236	X	X	X	X	13	0.4	16	421	7
Mozambique, People's Rep	935	14,500	15,435	10	1.1	110	0.8	120	0.8	5	X	25
Niger	100	2,450	2,550	3	2.5	65	2.6	67	2.6	3	X	X
Nigeria	5,950	8,800	14,750	300	5.0	100	1.1	400	2.7	32	0	X
Rwanda	120	110	230	3	2.6	2	1.8	5	2.3	4	X	11
Senegal	220	10,825	11,045	X	X	50	0.5	50	0.5	4	0	63
Sierra Leone	740	1,315	2,055	6	0.8	X	X	6	0.3	0	X	X
Somalia	1,540	7,510	9,050	4	0.2	10	0.1	14	0.1	2	X	X
South Africa	300	X	300	X	X	X	X	X	X	63	10	290
Sudan	650	47,000	47,650	4	0.6	500	1.1	504	1.1	17	50	X
Swaziland	4	70	74	X	X	X	X	0	X	7	X	X
Tanzania	1,440	40,600	42,040	10	0.7	120	0.3	130	0.3	11	0	410
Togo	304	1,380	1,684	2	0.7	10	0.7	12	0.7	1	X	X
Tunisia	186	111	297	X	X	X	X	5	1.7	4	163	X
Uganda	765	5,250	6,015	10	1.3	40	0.8	50	0.8	2	440	45
Zaire	105,750	71,840	177,590	182	0.2	188	0.3	370	0.2	1	X	5,690
Zambia	3,010	26,500	29,510	40	1.3	30	0.1	70	0.2	3	5	220
Zimbabwe	200	19,620	19,820	0	X	80	0.4	80	0.4	6	X	X
NORTH & CENTRAL AMERICA	541,009	261,276	802,285	1,072	0.2	20	0.0	1,251	0.1	2,552	102,684	36,812
Barbados	X	X	X	X	X	X	X	X	X	X	X	X
Canada	264,100	172,300	436,400	X	X	X	X	X	X	720	X	4,870
Costa Rica	1,638	160	1,798	124	7.6	X	X	124	6.9	1	X	320
Cuba	1,455	X	1,455	2	0.2	X	X	2	0.1	14	200	X
Dominican Rep	629	X	629	4	0.6	X	X	4	0.6	1	X	X
El Salvador	141	X	141	5	3.2	X	X	5	3.2	0	X	X
Guatemala	4,442	100	4,542	90	2.0	X	X	90	2.0	10	X	62
Haiti	48	X	48	2	3.8	X	X	2	3.8	0	X	X
Honduras	3,797	200	3,997	90	2.3	X	X	90	2.3	X	58	X
Jamaica	67	X	67	2	3.0	X	X	2	3.0	1	X	2
Mexico	46,250	2,100	48,350	595	1.3	20	1.0	615	1.3	28	X	360
Nicaragua	4,496	X	4,496	121	2.7	X	X	121	2.7	1	250	X
Panama	4,165	X	4,165	36	0.9	X	X	36	0.9	1	X	X
Trinidad and Tobago	208	X	208	1	0.4	X	X	1	0.4	1	14	X
United States	209,573	86,416	295,989	X	X	X	X	159	0.1	1,775	102,362	31,198
SOUTH AMERICA	653,605	204,520	858,125	9,837	1.5	1,293	0.6	11,180	1.3	1,760	10,420	16,761
Argentina	44,500	X	44,500	X	X	X	X	X	X	50	X	2,594
Bolivia	44,010	22,750	66,760	87	0.2	30	0.1	117	0.2	2	X	X
Brazil	357,480	157,000	514,480	8,000	2.2	1,050	0.7	9,050	1.8	561	0	4,660
Chile	7,550	X	7,550	X	X	X	X	50	0.7	93	X	845
Colombia	46,400	5,300	51,700	820	1.8	70	1.3	890	1.7	11	X	2,280
Ecuador	14,250	480	14,730	340	2.4	0	X	340	2.3	6	X	350
Guyana	18,475	220	18,695	2	0.0	1	0.2	3	0.0	0	X	12
Paraguay	4,070	15,640	19,710	190	4.7	22	0.1	212	1.1	1	X	90
Peru	69,680	960	70,640	270	0.4	0	X	270	0.4	8	X	850
Suriname	14,830	170	15,000	3	0.0	X	X	3	0.0	0	X	580
Uruguay	490	X	490	X	X	X	X	X	X	6	X	X
Venezuela	31,870	2,000	33,870	125	0.4	120	6.0	245	0.7	24	X	4,500

Table 19.1

	Extent of Forest and Woodland, 1980s (000 hectares)			Average Annual Deforestation, 1980s						Average Annual Reforestation	Managed Forest	Protected Forest
	Closed	Open	Total	Closed Forest		Open Forest		Total Forest		1980s (000 ha)	1980s (000 ha)	1980s (000 ha)
				Extent (000 ha)	Percent	Extent (000 ha)	Percent	Extent (000 ha)	Percent			
ASIA	409,418	82,147	491,565	3,931	1.0	57	0.1	4,405	0.9	5,708	48,705	19,417
Afghanistan	810	400	1,210	X	X	X	X	0	X	X	100	X
Bahrain	X	X	X	X	X	X	X	X	X	X	X	X
Bangladesh	927	X	927	8	0.9	X	X	8	0.9	21	795	52
Bhutan	2,100	40	2,140	1	0.1	X	X	1	0.1	1	0	X
China	97,847	17,200	115,047	X	X	X	X	0	X	4,552	X	1,635
Cyprus	153	24	177	X	X	X	X	X	X	X	153	25
India	36,540	27,660	64,200	1,500	4.1	X	X	1,500	2.3	173	31,917	6,743
Indonesia	113,895	3,000	116,895	900	0.8	20	0.7	920	0.8	164	40	5,430
Iran, Islamic Rep	2,750	1,000	3,750	X	X	X	X	20	0.5	X	400	120
Iraq	70	1,160	1,230	X	X	X	X	X	X	X	X	X
Israel	80	20	100	X	X	X	X	X	X	2	56	7
Japan	23,890	1,390	25,280	X	X	X	X	X	X	240	X	X
Jordan	X	50	50	X	X	X	X	0	X	3	X	X
Kampuchea, Dem	7,548	5,100	12,648	25	0.3	5	0.1	30	0.2	0	X	X
Korea, Dem People's Rep	4,800	X	4,800	X	X	X	X	X	X	200	X	X
Korea, Rep	4,887	X	4,887	X	X	X	X	X	X	84	X	X
Kuwait	X	X	X	X	X	X	X	X	X	X	X	X
Lao People's Dem Rep	8,410	5,215	13,625	100	1.2	30	0.6	130	1.0	2	X	X
Lebanon	X	20	20	X	X	X	X	0	X	X	X	X
Malaysia	20,996	X	20,996	255	1.2	X	X	255	1.2	25	2,499	959
Mongolia	9,528	X	9,528	X	X	X	X	X	X	X	X	X
Myanmar	31,941	X	31,941	677	2.1	X	X	677	2.1	0	3,419	299
Nepal	1,941	180	2,121	84	4.3	X	X	84	4.0	5	X	330
Oman	X	X	X	X	X	X	X	X	X	X	X	X
Pakistan	2,185	295	2,480	7	0.3	2	0.7	9	0.4	9	410	15
Philippines	9,510	X	9,510	143	1.5	X	X	143	1.5	63	X	690
Qatar	X	X	X	X	X	X	X	X	X	X	X	X
Saudi Arabia	30	170	200	X	X	X	X	0	X	X	X	X
Singapore	X	X	X	X	X	X	X	X	X	X	X	X
Sri Lanka	1,659	X	1,659	58	3.5	X	X	58	3.5	16	X	193
Syrian Arab Rep	60	90	150	X	X	X	X	0	X	X	60	X
Thailand	9,235	6,440	15,675	X	X	X	X	397	2.5	31	X	2,220
Turkey	8,856	11,343	20,199	X	X	X	X	X	X	82	8,556	139
United Arab Emirates	X	X	X	X	X	X	X	X	X	X	X	X
Viet Nam	8,770	1,340	10,110	173	2.0	X	X	173	1.7	35	X	560
Yemen Arab Rep	X	10	10	X	X	X	X	0	X	X	X	X
Yemen, People's Dem Rep	X	X	X	X	X	X	X	X	X	X	X	X
EUROPE	137,005	21,887	158,892	X	X	X	X	X	X	1,031	74,628	1,732
Albania	1,280	0	1,280	X	X	X	X	X	X	X	X	X
Austria	3,754	0	3,754	X	X	X	X	X	X	21	1,489	0
Belgium	682	80	762	X	X	X	X	X	X	19	272	0
Bulgaria	3,328	400	3,728	X	X	X	X	X	X	50	3,600	100
Czechoslovakia	4,435	145	4,580	X	X	X	X	X	X	37	4,435	X
Denmark	466	18	484	X	X	X	X	X	X	X	330	56
Finland	19,885	3,340	23,225	X	X	X	X	X	X	158	10,578	294
France	13,875	1,200	15,075	X	X	X	X	X	X	51	2,957	92
German Dem Rep	2,700	285	2,985	X	X	X	X	X	X	X	2,697	85
Germany, Fed Rep	6,989	218	7,207	X	X	X	X	X	X	62	3,886	X
Greece	2,512	3,242	5,754	X	X	X	X	X	X	X	1,603	55
Hungary	1,612	25	1,637	X	X	X	X	X	X	19	1,612	41
Iceland	X	100	100	X	X	X	X	X	X	X	X	X
Ireland	347	33	380	X	X	X	X	X	X	9	298	0
Italy	6,363	1,700	8,063	X	X	X	X	X	X	15	699	162
Luxembourg	X	X	X	X	X	X	X	X	X	X	38	0
Malta	X	X	X	X	X	X	X	X	X	X	X	X
Netherlands	294	61	355	X	X	X	X	X	X	2	225	0
Norway	7,635	1,066	8,701	X	X	X	X	X	X	79	1,130	60
Poland	8,588	138	8,726	X	X	X	X	X	X	106	8,099	103
Portugal	2,627	349	2,976	X	X	X	X	X	X	4	X	7
Romania	6,265	410	6,675	X	X	X	X	X	X	X	5,940	X
Spain	6,906	3,905	10,811	X	X	X	X	X	X	92	2,007	40
Sweden	24,400	3,442	27,842	X	X	X	X	X	X	207	14,301	230
Switzerland	935	189	1,124	X	X	X	X	X	X	7	627	7
United Kingdom	2,027	151	2,178	X	X	X	X	X	X	40	1,505	0
Yugoslavia	9,100	1,390	10,490	X	X	X	X	X	X	53	6,300	400
U.S.S.R.	791,600	35,417	827,017	X	X	X	X	X	X	4,540	791,600	20,000
OCEANIA	86,322	1,347	87,669	X	X	X	X	X	X	26	117,396	55
Australia	41,658	65,085	106,743	X	X	X	X	X	X	62	X	X
Fiji	811	0	811	2	0.2	X	X	2	0.2	9	X	X
New Zealand	7,200	2,300	9,500	X	X	X	X	X	X	43	X	X
Papua New Guinea	34,230	3,945	38,175	22	0.1	1	0.0	23	0.1	2	0	55
Solomon Islands	2,423	17	2,440	1	0.0	X	X	1	0.0	1	X	X

Sources: Food and Agriculture Organization of the United Nations, United Nations Economic Commission for Europe, and country data sources.
 Notes: a. Stocks for 1986. b. Annual deforestation for 1976-85. c. Annual deforestation for 1977-83. d. Stocks for 1987. e. Annual deforestation for 1977-87. f. Annual deforestation for 1987; please refer to technical notes for other estimates on deforestation. g. Stocks for 1982. h. Annual deforestation for 1975-82. i. Annual deforestation for 1979-84. j. Annual deforestation for 1975-81. k. Annual deforestation for 1981-88. l. Annual deforestation for 1978-85. m. Annual deforestation for 1976-81. Deforestation of total forest area for some countries may not match, because of missing information in some classes.
 Regional and world totals include listed countries with data only.
 0 = zero or less than half the unit of measure; X = not available.
 For additional information, see Sources and Technical Notes.

Appendix 2 (iii)

Table 2 AREAS OF NATURAL FORESTS AND PLANTATIONS AT END OF 1980 OF TROPICAL COUNTRIES/TERRITORIES
BY REGIONS/SUBREGIONS
(in million ha)^{1/}

Forest classes Regions/subregions 1/	Closed broadleaved forests					Fallow of closed broad. forests	Open broad. forests	Conif. forests	Bamboo forests	Total natural forests	Plantations			Total forest area
	Undist.	Logged	Physical reasons	Pro- tected areas	Total						Broad.	Conif.	Total	
West Sahelian Africa	0.8	1.0	0.4	0.1	2.3	0.2	39.6	-	-	41.9	0.05	e*	0.05	41.9
West Sahelian Africa	0.7	1.2	4.0	0.4	6.3	0.9	83.9	1.1	1.0	92.3	0.35	0.15	0.50	92.8
West Coast Africa	2.7	8.2	5.3	1.1	17.3	33.9	36.3	-	-	53.6	0.35	e	0.35	54.0
Central Africa	111.7	23.5	29.4	5.8	170.4	16.8	111.9	-	0.1	282.4	0.05	e	0.05	282.4
Tropical Southern Africa	0.7	5.5	1.8	0.8	8.8	6.4	207.1	-	e	215.9	0.30	0.25	0.55	216.5
Southern Africa	1.6	5.1	2.8	0.9	10.4	3.5	2.9	-	-	13.3	0.15	0.15	0.30	13.6
Tropical Africa	118.2	44.5	43.7	9.1	215.5	61.7	481.7	1.1	1.1	699.4	1.25	0.55	1.80	701.2
Central America and Mexico	19.8	4.5	17.4	0.6	42.3	19.7	2.6	22.6	e	67.5	0.10	0.10	0.20	67.7
Caribbean Subregion (including Guyana & Belize)	31.0	4.0	9.2	0.6	44.8	2.0	0.5	0.5	e	45.8	0.10	0.10	0.20	46.0
Tropical South America	401.3	45.2	107.0	12.7	566.2	77.6	204.1	1.6	e	771.9	2.80	1.40	4.20	776.1
Tropical America	452.1	53.7	133.6	13.9	653.3	99.3	207.2	24.7	e	885.2	3.00	1.60	4.60	889.8
South Asia	6.7	36.3	3.3	6.3	52.6	9.6	5.9	6.7	1.4	66.6	2.40	0.10	2.50	69.1
Continental Southeast Asia	18.0	9.0	9.8	2.5	39.3	18.4	6.4	0.3	1.5	47.5	0.15	e	0.15	47.7
Insular Southeast Asia	49.7	46.4	41.0	7.1	144.2	22.0	3.0	0.5	-	147.7	1.55	0.70	2.25	150.0
Indochina	9.0	2.7	9.9	0.5	22.1	16.0	11.7	0.4	2.2	36.4	0.15	0.10	0.25	36.6
Tropical Asia	83.4	94.4	64.0	16.4	258.2	56.0	27.0	7.9	5.1	298.2	4.25	0.90	5.15	303.4
Pacific Islands (including Papua New Guinea)	14.6	0.4	22.7	0.1	37.8	1.3	4.2	0.5	-	42.5	0.05	0.05	0.10	42.6
Tropical world	668.3	193.0	264.0	39.5	1,164.8	228.3	720.1	34.2	6.2	1,925.3	8.55	3.10	11.65	1,937.0

* e = area less than 50,000 ha.

1/ List of countries in the regions/subregions is given in Appendix 1.

Appendix 2 (iv)

LAND USE	UTILISATION DES TERRES				USO DE TIERRAS			
	1000HA							
	1973	1978	1983	1988	1973	1978	1983	1988
WORLD								
TOTAL AREA	13382424	13382458	13382468	13382469				
LAND AREA	13066586	13069403	13069332	13069253				
ARAB&PERM CR	1417997	1444660	1461190	1475426				
ARABLE LAND	1324782	1346401	1359962	1373404				
PERM CROPS	93211	98258	101227	102023				
PERM PASTURE	3223335	3202752	3205812	3211959				
FOREST&WOODL	4190288	4133839	4084676	4049041				
OTHER LAND	4234966	4288147	4317656	4332825				
AFRICA								
TOTAL AREA	3030426	3030426	3030426	3030423				
LAND AREA	2963997	2963917	2963917	2963914				
ARAB&PERM CR	172317	178731	181698	186649				
ARABLE LAND	155718	160843	163288	167934				
PERM CROPS	16599	17888	18410	18715				
PERM PASTURE	797861	797959	794764	792912				
FOREST&WOODL	728000	712412	698113	683306				
OTHER LAND	1265819	1274815	1289342	1301046				
ALGERIA								
TOTAL AREA	238174	238174	238174	238174				
LAND AREA	238174	238174	238174	238174				
ARAB&PERM CR	7135	7542	7231	7540F				
ARABLE LAND	6512	6892	6592	6970F				
PERM CROPS	623	650	639	570F				
PERM PASTURE	37169	36301	32051	30400F				
FOREST&WOODL	4000F	4122	4384	4699F				
OTHER LAND	189870	190209	194508	195535				
ANGOLA								
TOTAL AREA	124670	124670	124670	124670				
LAND AREA	124670	124670	124670	124670				
ARAB&PERM CR	3500F	3500F	3500F	3600F				
ARABLE LAND	2950F	2950F	2950F	3050F				
PERM CROPS	550*	550*	550F	550F				
PERM PASTURE	29000*	29000*	29000F	29000F				
FOREST&WOODL	54380*	53930*	53490F	53040F				
OTHER LAND	37790	38240	38680	39030				
BENIN								
TOTAL AREA	11262	11262	11262	11262				
LAND AREA	11062	11062	11062	11062				
ARAB&PERM CR	1700F	1790F	1806F	1860F				
ARABLE LAND	1260F	1350F	1358F	1410F				
PERM CROPS	440F	440F	448F	450F				
PERM PASTURE	442*	442*	442F	442F				
FOREST&WOODL	4360*	4070*	3820F	3570F				
OTHER LAND	4560	4760	4994	5190				
BOTSWANA								
TOTAL AREA	58173	58173	58173	58173				
LAND AREA	56673	56673	56673	56673				
ARAB&PERM CR	1270F	1360F	1360F	1380F				
ARABLE LAND	1270F	1360F	1360F	1380F				
PERM PASTURE	43400F	44000F	44000F	44000F				
FOREST&WOODL	962*	962*	962F	962F				
OTHER LAND	11041	10351	10351	10331				
BRIND OC TR								
TOTAL AREA	8	8	8	8				
LAND AREA	8	8	8	8				
OTHER LAND	8	8	8	8				
BURKINA FASO								
TOTAL AREA	27420	27420	27420	27420				
LAND AREA	27380	27380	27380	27380				
ARAB&PERM CR	2373F	2685F	2935F	3564				
ARABLE LAND	2360F	2672F	2922F	3551F				
PERM CROPS	13*	13*	13F	13F				
PERM PASTURE	10000F	10000F	10000F	10000F				
FOREST&WOODL	7620*	7320*	7020F	6720F				
OTHER LAND	7387	7375	7425	7095				
BURUNDI								
TOTAL AREA	2783	2783	2783	2783				
LAND AREA	2565	2565	2565	2565				
ARAB&PERM CR	1230	1280F	1306F	1334F				
ARABLE LAND	1050	1090F	1110F	1120F				
PERM CROPS	180	190F	196F	214F				
PERM PASTURE	770F	890*	910F	912F				
FOREST&WOODL	56*	60*	62F	65F				
OTHER LAND	509	335	287	254				
CAMEROON								
TOTAL AREA	47544	47544	47544	47544				
LAND AREA	46540	46540	46540	46540				
ARAB&PERM CR	6160F	6671	6960F	7008F				
ARABLE LAND	5450F	5639	5910F	5940F				
PERM CROPS	710F	1032	1050F	1068F				
PERM PASTURE	8300*	8300*	8300F	8300F				
FOREST&WOODL	26400*	25860*	25310F	24760F				
OTHER LAND	5680	5709	5970	6472				
CAPE VERDE								
TOTAL AREA	403	403	403	403				
LAND AREA	403	403	403	403				
ARAB&PERM CR	40*	40*	40F	40F				
ARABLE LAND	38*	38*	38F	38F				
PERM CROPS	2*	2*	2F	2F				
PERM PASTURE	25*	25*	25F	25F				
FOREST&WOODL	1	1	1F	1F				
OTHER LAND	337	337	337	337				
CENT AFR REP								
TOTAL AREA	62298	62298	62298	62298				
LAND AREA	62298	62298	62298	62298				
ARAB&PERM CR	1860F	1920F	1970F	2006F				
ARABLE LAND	1800F	1850F	1890F	1920F				
PERM CROPS	60*	70F	80F	86F				
PERM PASTURE	3000F	3000F	3000F	3000F				
FOREST&WOODL	35960F	35910F	35870F	35820F				
OTHER LAND	21478	21468	21458	21472				
CHAD								
TOTAL AREA	128400	128400	128400	128400				
LAND AREA	126000	125920	125920	125920				
ARAB&PERM CR	2910F	3150F	3150F	3205F				
ARABLE LAND	2907F	3145F	3145F	3200F				
PERM CROPS	3	5F	5F	5F				
PERM PASTURE	45000	45000	45000F	45000F				
FOREST&WOODL	14100F	13690F	13290F	12890F				
OTHER LAND	63990	64080	64480	64825				
COMOROS								
TOTAL AREA	223	223	223	223				
LAND AREA	223	223	223	223				
ARAB&PERM CR	90*	90*	93F	99F				
ARABLE LAND	75F	75F	75F	77F				
PERM CROPS	15F	15F	18F	22F				
PERM PASTURE	15*	15*	15F	15F				
FOREST&WOODL	35*	35*	35F	35F				
OTHER LAND	83	83	80	74				
CONGO								
TOTAL AREA	34200	34200	34200	34200				
LAND AREA	34150	34150	34150	34150				
ARAB&PERM CR	140F	146F	154*	168F				
ARABLE LAND	128F	134F	136F	144F				
PERM CROPS	12*	12*	18F	24F				
PERM PASTURE	10000F	10000F	10000F	10000F				
FOREST&WOODL	21520*	21400*	21300F	21200F				
OTHER LAND	2490	2604	2696	2782				
COTE D'IVOIRE								
TOTAL AREA	32246	32246	32246	32246				
LAND AREA	31800	31800	31800	31800				
ARAB&PERM CR	2840F	3030F	3219	3660F				
ARABLE LAND	1740F	1910F	2034F	2420F				
PERM CROPS	1100F	1120F	1185F	1240F				
PERM PASTURE	3000F	3000F	3000F	3000F				
FOREST&WOODL	13750*	10880*	8380F	5880F				
OTHER LAND	12210	14890	17201	19260				
DJIBOUTI								
TOTAL AREA	2320	2320	2320	2320				
LAND AREA	2318	2318	2318	2318				
PERM PASTURE	200F	200F	200	200F				
FOREST&WOODL	6*	6*	6*	6F				
OTHER LAND	2112	2112	2112	2112				
EGYPT								
TOTAL AREA	100145	100145	100145	100145				
LAND AREA	99545	99545	99545	99545				
ARAB&PERM CR	2855	2540F	2471F	2583F				
ARABLE LAND	2723	2395F	2308F	2410F				
PERM CROPS	132	145	163F	173F				
FOREST&WOODL	31F	31F	31F	31F				
OTHER LAND	96659	96974	97043	96931				
EQ GUINEA								
TOTAL AREA	2805	2805	2805	2805				
LAND AREA	2805	2805	2805	2805				
ARAB&PERM CR	230F	230F	230F	230F				
ARABLE LAND	130F	130F	130F	130F				
PERM CROPS	100F	100F	100F	100F				
PERM PASTURE	104*	104*	104F	104F				
FOREST&WOODL	1295F	1295F	1295F	1295F				
OTHER LAND	1176	1176	1176	1176				
ETHIOPIA								
TOTAL AREA	122190	122190	122190	122190				
LAND AREA	110100	110100	110100	110100				
ARAB&PERM CR	13730*	13790F	13930F	13930F				
ARABLE LAND	13000*	13060F	13200F	13200F				
PERM CROPS	730*	730F	730F	730F				
PERM PASTURE	45750F	45500F	45250F	45000F				
FOREST&WOODL	28800F	28300F	27800F	27300F				

LAND USE	UTILISATION DES TERRES				USO DE TIERRAS			
	1000 HA							
	1973	1978	1983	1988	1973	1978	1983	1988
ETHIOPIA								
OTHER LAND	21820	22510	23120	23870				
GABON					MADAGASCAR			
TOTAL AREA	26767	26767	26767	26767	ARABLE LAND	2100F	2443F	2520F
LAND AREA	25767	25767	25767	25767	PERM CROPS	340F	486F	491F
ARAB&PERM CR	335F	449	452F	452F	PERM PASTURE	34000	34000	34000F
ARABLE LAND	210F	287	290F	290F	FOREST&WOODL	16980F	16180F	15380F
PERM CROPS	125F	162	162F	162F	OTHER LAND	4734	5045	5763
PERM PASTURE	4800F	4750F	4700F	4700F	MALAWI			
FOREST&WOODL	20000	20000	20000F	20000F	TOTAL AREA	11848	11848	11848
OTHER LAND	632	568	615	615	LAND AREA	9408	9408	9408
GAMBIA					ARAB&PERM CR	2264	2298	2344F
TOTAL AREA	1130	1130	1130	1130	ARABLE LAND	2246	2280F	2320F
LAND AREA	1000	1000	1000	1000	PERM CROPS	18	18*	24F
ARAB&PERM CR	143F	154F	160F	175F	PERM PASTURE	1840	1840*	1840F
ARABLE LAND	143F	154F	160F	175F	FOREST&WOODL	5080F	5080F	4740F
PERM PASTURE	90F	90F	90F	90F	OTHER LAND	224	190	484
FOREST&WOODL	257*	228*	198F	168F	MALI			
OTHER LAND	510	528	552	567	TOTAL AREA	124019	124019	124019
GHANA					LAND AREA	122019	122019	122019
TOTAL AREA	23854	23854	23854	23854	ARAB&PERM CR	1750F	2050F	2053F
LAND AREA	23002	23002	23002	23002	ARABLE LAND	1747F	2047F	2050F
ARAB&PERM CR	2700F	2720F	2770F	2870F	PERM CROPS	3*	3*	3F
ARABLE LAND	1050F	1070F	1100F	1150F	PERM PASTURE	30000*	30000*	30000F
PERM CROPS	1650F	1650F	1670F	1720F	FOREST&WOODL	9080*	8880*	8450F
PERM PASTURE	3540F	3490F	3440F	3390F	OTHER LAND	81189	81089	81286
FOREST&WOODL	9260*	8910*	8560F	8210F	MAURITANIA			
OTHER LAND	7502	7882	8232	8532	TOTAL AREA	102552	102552	102552
GUINEA					LAND AREA	102522	102522	102522
TOTAL AREA	24586	24586	24586	24586	ARAB&PERM CR	183F	195	195F
LAND AREA	24586	24586	24586	24586	ARABLE LAND	180F	192	192F
ARAB&PERM CR	690F	700F	714F	726	PERM CROPS	3F	3	3F
ARABLE LAND	580F	590F	600F	610	PERM PASTURE	39250*	39250*	39250F
PERM CROPS	110F	110F	114F	115	FOREST&WOODL	15134*	15134*	15000F
PERM PASTURE	3000*	3000*	3000F	3000F	OTHER LAND	47955	47943	48077
FOREST&WOODL	11250*	10820*	10360F	9860F	MAURITIUS			
OTHER LAND	9646	10066	10512	11000	TOTAL AREA	185	185	185
GUIN BISSAU					LAND AREA	185	185	185
TOTAL AREA	3612	3612	3612	3612	ARAB&PERM CR	105	107F	107F
LAND AREA	2812	2812	2812	2812	ARABLE LAND	100	100F	100F
ARAB&PERM CR	280F	285F	310F	335F	PERM CROPS	6*	7*	7F
ARABLE LAND	250F	255F	280F	300F	PERM PASTURE	7	7*	7*
PERM CROPS	30*	30*	30F	35F	FOREST&WOODL	58	58*	58F
PERM PASTURE	1080F	1080F	1080F	1080F	OTHER LAND	14	13	13
FOREST&WOODL	1070*	1070*	1070F	1070F	MOROCCO			
OTHER LAND	382	377	352	327	TOTAL AREA	44655	44655	44655
KENYA					LAND AREA	44630	44630	44630
TOTAL AREA	58037	58037	58037	58037	ARAB&PERM CR	7625F	7871	8330
LAND AREA	56969	56969	56969	56969	ARABLE LAND	7195F	7418	7814
ARAB&PERM CR	2170F	2270F	2310F	2425F	PERM CROPS	430F	453	516
ARABLE LAND	1710F	1790F	1830F	1930F	PERM PASTURE	18300F	19800F	20900
PERM CROPS	460F	480*	480F	495F	FOREST&WOODL	5172*	5195F	5200F
PERM PASTURE	3800F	3770F	3750F	3730F	OTHER LAND	13033	11764	10200
FOREST&WOODL	4070F	3920F	3770F	3620F	MOZAMBIQUE			
OTHER LAND	46929	47009	47139	47194	TOTAL AREA	79938	79938	79938
LESOTHO					LAND AREA	78188	78188	78188
TOTAL AREA	3035	3035	3035	3035	ARAB&PERM CR	3080F	3080F	3080F
LAND AREA	3035	3035	3035	3035	ARABLE LAND	2850F	2850F	2850F
ARAB&PERM CR	355	289	283	320F	PERM CROPS	230F	230F	230F
ARABLE LAND	355	289	283	320F	PERM PASTURE	44000*	44000*	44000F
PERM PASTURE	2000*	2000*	2000F	2000F	FOREST&WOODL	16290*	15780F	15330F
OTHER LAND	680	746	752	715	OTHER LAND	14818	15328	15778
LIBERIA					NAMIBIA			
TOTAL AREA	11137	11137	11137	11137	TOTAL AREA	82429	82429	82429
LAND AREA	9632	9632	9632	9632	LAND AREA	82329	82329	82329
ARAB&PERM CR	366*	371F	371F	373F	ARAB&PERM CR	653F	656F	662F
ARABLE LAND	126	126F	126F	128F	ARABLE LAND	652F	655F	660F
PERM CROPS	240*	245F	245F	245F	PERM CROPS	1*	1*	2F
PERM PASTURE	240*	240*	240F	240F	PERM PASTURE	52906*	52906*	52906F
FOREST&WOODL	2103F	2103F	2103F	2103F	FOREST&WOODL	18420F	18420F	18420F
OTHER LAND	6923	6918	6918	6916	OTHER LAND	10350	10347	10341
LIBYA					NIGER			
TOTAL AREA	175954	175954	175954	175954	TOTAL AREA	126700	126700	126700
LAND AREA	175954	175954	175954	175954	LAND AREA	126670	126670	126670
ARAB&PERM CR	2045F	2073F	2105	2145F	ARAB&PERM CR	2314	3112	3540F
ARABLE LAND	1735F	1750F	1775	1800F	ARABLE LAND	2314	3112	3540F
PERM CROPS	310F	323*	330	345F	PERM PASTURE	10200F	9668	9230F
PERM PASTURE	11600F	12600F	13300F	13300F	FOREST&WOODL	3320*	3020*	2720F
FOREST&WOODL	550F	580F	635	680F	OTHER LAND	110836	110870	111180
OTHER LAND	161759	160701	159914	159829	NIGERIA			
MADAGASCAR					TOTAL AREA	92377	92377	92377
TOTAL AREA	58704	58704	58704	58704	LAND AREA	91077	91077	91077
LAND AREA	58154	58154	58154	58154	ARAB&PERM CR	29900F	30250F	30435F
ARAB&PERM CR	2440F	2929F	3011F	3078F	ARABLE LAND	27420F	27730F	27900F
					PERM CROPS	2480F	2520F	2535F
					PERM PASTURE	20720*	20850F	20940F
					FOREST&WOODL	18500F	17000F	15500F

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NIGERIA					SUDAN				
OTHER LAND	21957	22977	24202	24752	ARABLE LAND	11958F	12346F	12390F	12450F
REUNION					PERM CROPS	42	54F	58F	58F
TOTAL AREA	251	251	251	251	PERM PASTURE	56000F	56000F	56000F	56000F
LAND AREA	250	250	250	250	FOREST&WOODL	51960*	49560*	48010F	46460F
ARAB&PERM CR	48	48	54	54	OTHER LAND	117640	119640	121142	122632
ARABLE LAND	47	47	50	50	SWAZILAND				
PERM CROPS	1	1	4	4	TOTAL AREA	1736	1736	1736	1736
PERM PASTURE	8	9	10	10	LAND AREA	1720	1720	1720	1720
FOREST&WOODL	112	114	88	88	ARAB&PERM CR	171	194	141	164F
OTHER LAND	82	79	98	98	ARABLE LAND	168	190F	137F	160F
RWANDA					PERM CROPS	3	4F	4F	4F
TOTAL AREA	2634	2634	2634	2634	PERM PASTURE	1342	1199	1147	1175F
LAND AREA	2495	2495	2495	2495	FOREST&WOODL	107	105	101	108F
ARAB&PERM CR	805	980F	1090F	1120F	OTHER LAND	100	222	331	273
ARABLE LAND	610	730F	805F	830F	TANZANIA				
PERM CROPS	195	250F	285	290F	TOTAL AREA	94509	94509	94509	94509
PERM PASTURE	710	500F	440F	395F	LAND AREA	88604	88604	88604	88604
FOREST&WOODL	541F	526F	511F	497F	ARAB&PERM CR	4940F	5140F	5190F	5240F
OTHER LAND	439	489	454	483	ARABLE LAND	3960F	4110F	4130F	4160F
ST HELENA					PERM CROPS	980F	1030F	1060F	1080F
TOTAL AREA	31	31	31	31	PERM PASTURE	35000F	35000F	35000F	35000F
LAND AREA	31	31	31	31	FOREST&WOODL	44085F	43495F	42905F	42305F
ARAB&PERM CR	2*	2	2F	2F	OTHER LAND	4579	4969	5509	6059
ARABLE LAND	2*	2	2F	2F	TOGO				
PERM PASTURE	2	2	2F	2F	TOTAL AREA	5679	5679	5679	5679
FOREST&WOODL	1	1	1F	2F	LAND AREA	5439	5439	5439	5439
OTHER LAND	26	26	26	25	ARAB&PERM CR	1383F	1420F	1427F	1439F
SAO TOME PRN					ARABLE LAND	1330F	1355F	1358F	1370F
TOTAL AREA	96	96	96	96	PERM CROPS	53*	65F	69F	69F
LAND AREA	96	96	96	96	PERM PASTURE	200*	200*	200F	200*
ARAB&PERM CR	35*	35*	36F	37F	FOREST&WOODL	2050*	1860*	1550F	1350F
ARABLE LAND	1F	1F	1F	2F	OTHER LAND	1806	2019	2262	2550
PERM CROPS	35*	35*	35F	35F	TUNISIA				
PERM PASTURE	1F	1F	1F	1F	TOTAL AREA	15351	15351	15351	15351
OTHER LAND	59	59	59	58	LAND AREA	15535	15535	15535	15535
SENEGAL					ARAB&PERM CR	4710F	4923	4695	4825
TOTAL AREA	19572	19572	19572	19572	ARABLE LAND	3370F	3413	3175F	3301F
LAND AREA	19253	19253	19253	19253	PERM CROPS	1340F	1510	1520F	1525F
ARAB&PERM CR	4900F	5150F	5225F	5226F	PERM PASTURE	2710F	2870F	3096	3050F
ARABLE LAND	4896F	5145F	5220F	5220F	FOREST&WOODL	491F	526F	555F	564F
PERM CROPS	4*	5F	5F	6F	OTHER LAND	7625	7217	7280	7995
PERM PASTURE	5700	5700*	5700F	5700F	UGANDA				
FOREST&WOODL	6350F	6100F	5942	5930F	TOTAL AREA	23588	23588	23588	23588
OTHER LAND	2303	2303	2386	2397	LAND AREA	19955	19955	19955	19955
SEYCHELLES					ARAB&PERM CR	5180F	5610F	6300F	6705F
TOTAL AREA	28	28	28	28	ARABLE LAND	3930F	4080F	4600F	5000F
LAND AREA	27	27	27	27	PERM CROPS	1280F	1530F	1700F	1705F
ARAB&PERM CR	5	5*	6F	6F	PERM PASTURE	5000*	5000*	5000F	5030F
ARABLE LAND	1	1*	1F	1F	FOREST&WOODL	6308*	6160*	5910F	5660F
PERM CROPS	4	4*	5F	5F	OTHER LAND	3467	3185	2745	2590
FOREST&WOODL	5	5	5F	5F	ZAIRE				
OTHER LAND	17	17	16	16	TOTAL AREA	234510	234510	234510	234510
SIERRA LEONE					LAND AREA	226729	226729	226729	226729
TOTAL AREA	7174	7174	7174	7174	ARAB&PERM CR	7400F	7550F	7700F	7850F
LAND AREA	7162	7162	7162	7162	ARABLE LAND	6890F	7000F	7140F	7250F
ARAB&PERM CR	1540F	1720F	1771F	1801F	PERM CROPS	510F	550F	560F	600F
ARABLE LAND	1398F	1574F	1625F	1655F	PERM PASTURE	15000F	15000F	15000F	15000F
PERM CROPS	142F	146	146F	146F	FOREST&WOODL	179910*	178280*	176620F	174970F
PERM PASTURE	2204*	2204	2204F	2204F	OTHER LAND	24419	25899	27409	28909
FOREST&WOODL	2140F	2120F	2100F	2070F	ZAMBIA				
OTHER LAND	1278	1118	1087	1087	TOTAL AREA	75261	75261	75261	75261
SOMALIA					LAND AREA	74339	74339	74339	74339
TOTAL AREA	63766	63766	63766	63766	ARAB&PERM CR	4980F	5058F	5158F	5238F
LAND AREA	62734	62734	62734	62734	ARABLE LAND	4973	5050F	5150F	5230F
ARAB&PERM CR	965F	990F	1015F	1039	PERM CROPS	7F	8F	8F	8F
ARABLE LAND	951F	974F	999F	1022F	PERM PASTURE	35000F	35000F	35000F	35000F
PERM CROPS	14F	16F	16F	17F	FOREST&WOODL	30490F	30040F	29590F	29090F
PERM PASTURE	28850*	28850*	28850F	28850F	OTHER LAND	3869	4241	4591	5011
FOREST&WOODL	9500F	9250F	9000F	8750F	ZIMBABWE				
OTHER LAND	23419	23644	23869	24095	TOTAL AREA	39058	39058	39058	39058
SOUTH AFRICA					LAND AREA	38667	38667	38667	38667
TOTAL AREA	122104	122104	122104	122104	ARAB&PERM CR	2468F	2536F	2682F	2810F
LAND AREA	122104	122104	122104	122104	ARABLE LAND	2415F	2465F	2600F	2720F
ARAB&PERM CR	13320F	13344F	13169	13174F	PERM CROPS	53F	71F	82F	90F
ARABLE LAND	12490F	12530F	12355	12360F	PERM PASTURE	4856*	4856*	4856F	4856F
PERM CROPS	830F	814F	814	814F	FOREST&WOODL	19930F	19930F	19930F	19930F
PERM PASTURE	82230F	81450F	81378	81378F	OTHER LAND	11413	11345	11199	11071
FOREST&WOODL	4150F	4150F	4515F	4515F	N C AMERICA				
OTHER LAND	22404	23160	23042	23037	TOTAL AREA	2234694	2234694	2234694	2234694
SUDAN					LAND AREA	2128786	2131792	2131804	2131804
TOTAL AREA	250581	250581	250581	250581	ARAB&PERM CR	267154	271587	273687	273855
LAND AREA	237600	237600	237600	237600	ARABLE LAND	261028	265178	267034	267095
ARAB&PERM CR	12000F	12400F	12448F	12508F	PERM CROPS	6126	6409	6653	6760
					PERM PASTURE	357669	355909	365105	368228

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N C AMERICA					CUBA				
FOREST&WOODL	696391	695722	680966	686874	ARAB&PERM CR	3179	3170F	3215F	3333F
OTHER LAND	807572	808564	812046	802847	ARABLE LAND	2539	2500F	2540F	2611F
ANTIGUA-BARB					PERM CROPS	640	670F	675F	722F
TOTAL AREA	44	44	44	44	PERM PASTURE	2672	2612*	2729	2801F
LAND AREA	44	44	44	44	FOREST&WOODL	2360F	2460F	2637	2750F
ARAB&PERM CR	8*	8*	8F	8F	OTHER LAND	2875	2844	2505	2202
ARABLE LAND	8*	8*	8F	8F	DOMINICA				
PERM PASTURE	3*	3*	3F	4F	TOTAL AREA	75	75	75	75
FOREST&WOODL	6F	6F	6F	5F	LAND AREA	75	75	75	75
OTHER LAND	27	27	27	27	ARAB&PERM CR	17*	17*	17F	17F
ARUBA					ARABLE LAND	7*	7*	7F	7F
TOTAL AREA	19	19	19	19	PERM CROPS	10*	10*	10F	10F
LAND AREA	19	19	19	19	PERM PASTURE	2*	2*	2F	2F
ARAB&PERM CR	2F	2F	2F	2F	FOREST&WOODL	35*	31*	31F	31F
ARABLE LAND	2F	2F	2F	2F	OTHER LAND	21	25	25	25
OTHER LAND	17	17	17	17	DOMINICAN RP				
BAHAMAS					TOTAL AREA	4873	4873	4873	4873
TOTAL AREA	1388	1388	1388	1388	LAND AREA	4838	4838	4838	4838
LAND AREA	1001	1001	1001	1001	ARAB&PERM CR	1205F	1365F	1460F	1475F
ARAB&PERM CR	9F	9	9F	10F	ARABLE LAND	880F	1015F	1110F	1120F
ARABLE LAND	7F	7	7F	8F	PERM CROPS	325F	350F	350F	355F
PERM CROPS	2F	2	2F	2F	PERM PASTURE	2092F	2092F	2092F	2092F
PERM PASTURE	1	2	2F	2F	FOREST&WOODL	649*	639*	629F	619F
FOREST&WOODL	324	324*	324F	324F	OTHER LAND	892	742	657	652
OTHER LAND	667	666	666	665	EL SALVADOR				
BARBADOS					TOTAL AREA	2104	2104	2104	2104
TOTAL AREA	43	43	43	43	LAND AREA	2085	2072	2072	2072
LAND AREA	43	43	43	43	ARAB&PERM CR	651	680	725	733
ARAB&PERM CR	33F	33F	33F	33F	ARABLE LAND	488	515	560	565
ARABLE LAND	33F	33F	33F	33F	PERM CROPS	163	165	165	168
PERM PASTURE	4*	4*	4F	4F	PERM PASTURE	610*	610	610	610
OTHER LAND	6	6	6	6	FOREST&WOODL	174*	152*	122F	10*
BELIZE					OTHER LAND	650	630	615	625
TOTAL AREA	2296	2296	2296	2296	GREENLAND				
LAND AREA	2280	2280	2280	2280	TOTAL AREA	34170	34170	34170	34170
ARAB&PERM CR	47F	49	53F	56F	LAND AREA	34170	34170	34170	34170
ARABLE LAND	41F	43	46F	44F	PERM PASTURE	235*	235*	235*	235F
PERM CROPS	6F	6	7F	12F	FOREST&WOODL	10	10	10*	10F
PERM PASTURE	37	44	44F	48F	OTHER LAND	33925	33925	33925	33925
FOREST&WOODL	1012	1012*	1012F	1012F	GRENADA				
OTHER LAND	1184	1175	1171	1164	TOTAL AREA	34	34	34	34
BERMUDA					LAND AREA	34	34	34	34
TOTAL AREA	5	5	5	5	ARAB&PERM CR	16	14	14	13F
LAND AREA	5	5	5	5	ARABLE LAND	2	2	5	5F
FOREST&WOODL	1	1	1	1	PERM CROPS	14	12	9	8F
OTHER LAND	4	4	4	4	PERM PASTURE	1	2	1	1F
BR VIRGIN IS					FOREST&WOODL	4	4	3	3F
TOTAL AREA	15	15	15	15	OTHER LAND	13	14	16	17
LAND AREA	15	15	15	15	GUADELOUPE				
ARAB&PERM CR	3F	3F	4F	4F	TOTAL AREA	171	171	171	171
ARABLE LAND	2F	2F	3F	3F	LAND AREA	169	169	169	169
PERM CROPS	1F	1F	1F	1F	ARAB&PERM CR	44F	39F	32	32F
PERM PASTURE	5F	5F	5F	5F	ARABLE LAND	37F	31F	23	23F
FOREST&WOODL	1*	1*	1F	1F	PERM CROPS	7	8F	9	9F
OTHER LAND	6	6	5	5	PERM PASTURE	17	21	22	28F
CANADA					FOREST&WOODL	69	70	70	71F
TOTAL AREA	991614	991614	991614	991614	OTHER LAND	39	39	45	38
LAND AREA	916097	916097	916097	916097	GUATEMALA				
ARAB&PERM CR	42670F	44030F	46080F	45980F	TOTAL AREA	10889	10889	10889	10889
ARABLE LAND	42590F	43950F	46000F	45900F	LAND AREA	10843	10843	10843	10843
PERM CROPS	80*	80*	80F	80F	ARAB&PERM CR	1613F	1725F	1815F	1865F
PERM PASTURE	23150F	25650F	30000F	32500F	ARABLE LAND	1150F	1250F	1330F	1380F
FOREST&WOODL	326129	336400F	346000F	356000F	PERM CROPS	463F	475F	485F	485F
OTHER LAND	524148	510007	494017	481617	PERM PASTURE	1230F	1280F	1334	1380F
CAYMAN IS					FOREST&WOODL	5010*	4710*	4310F	3910F
TOTAL AREA	26	26	26	26	OTHER LAND	2990	3128	3384	3688
LAND AREA	26	26	26	26	HAITI				
PERM PASTURE	2*	2*	2F	2F	TOTAL AREA	2775	2775	2775	2775
FOREST&WOODL	6*	6*	6F	6F	LAND AREA	2756	2756	2756	2756
OTHER LAND	18	18	18	18	ARAB&PERM CR	840F	885F	899F	905F
COSTA RICA					ARABLE LAND	520F	545F	552F	555F
TOTAL AREA	5110	5110	5110	5110	PERM CROPS	320F	340F	347F	350F
LAND AREA	5106	5106	5106	5106	PERM PASTURE	615F	515F	502F	492F
ARAB&PERM CR	490	500F	515F	528F	FOREST&WOODL	65F	60F	55F	50F
ARABLE LAND	283	283*	283	285F	OTHER LAND	1236	1296	1300	1309
PERM CROPS	207	217F	222F	243F	HONDURAS				
PERM PASTURE	1558	1860F	2167	2310F	TOTAL AREA	11209	11209	11209	11209
FOREST&WOODL	2350*	1980*	1598	1640F	LAND AREA	11189	11189	11189	11189
OTHER LAND	708	766	826	628	ARAB&PERM CR	1590F	1757F	1770F	1785F
CUBA					ARABLE LAND	1410F	1560F	1570F	1575F
TOTAL AREA	11086	11086	11086	11086	PERM CROPS	180F	197F	200F	210F
LAND AREA	11086	11086	11086	11086	PERM PASTURE	2260F	2370*	2470F	2540F
					FOREST&WOODL	4630*	4220*	3820F	3420F
					OTHER LAND	2709	2842	3129	3444

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JAMAICA					SAINT LUCIA				
TOTAL AREA	1099	1099	1099	1099	OTHER LAND	30	33	33	32
LAND AREA	1083	1083	1083	1083	ST PIER MIQUEL				
ARAB&PERM CR	250F	265F	269F	269F	TOTAL AREA	24	24	24	24
ARABLE LAND	195F	205F	207F	207F	LAND AREA	23	23	23	23
PERM CROPS	55F	60F	62F	62F	ARAB&PERM CR	3*	3*	3F	3F
PERM PASTURE	225F	210F	200F	195F	ARABLE LAND	3*	3*	3F	3F
FOREST&WOODL	202F	197F	192F	187F	FOREST&WOODL	1*	1*	1F	1F
OTHER LAND	406	411	422	432	OTHER LAND	19	19	19	19
MARTINIQUE					ST VINCENT				
TOTAL AREA	110	110	110	110	TOTAL AREA	39	39	39	39
LAND AREA	106	106	106	106	LAND AREA	39	39	39	39
ARAB&PERM CR	23F	21F	19	20F	ARAB&PERM CR	17*	17*	17F	18F
ARABLE LAND	11F	11F	11	11F	ARABLE LAND	13*	13*	13F	13F
PERM CROPS	12F	10F	8	9F	PERM CROPS	4*	4	4F	5F
PERM PASTURE	13F	13F	21	20F	PERM PASTURE	1*	2	2F	2F
FOREST&WOODL	44F	40F	40	38F	FOREST&WOODL	14*	14*	14F	14F
OTHER LAND	26	32	26	28	OTHER LAND	7	6	6	5
MEXICO					TRINIDAD TOBAGO				
TOTAL AREA	195820	195820	195820	195820	TOTAL AREA	513	513	513	513
LAND AREA	190869	190869	190869	190869	LAND AREA	513	513	513	513
ARAB&PERM CR	23560F	24260F	24688F	24710F	ARAB&PERM CR	114F	116F	118F	120F
ARABLE LAND	22080F	22740F	23138	23150F	ARABLE LAND	69	70F	72F	74F
PERM CROPS	1480F	1520F	1550F	1560F	PERM CROPS	45F	46F	46F	46F
PERM PASTURE	74499	74499	74499	74499F	PERM PASTURE	11	11*	11F	11F
FOREST&WOODL	52210*	49560*	46240F	43540F	FOREST&WOODL	237*	232*	227F	222F
OTHER LAND	40500	42550	45442	48120	OTHER LAND	151	154	157	160
MONTserrat					TURKS CAICOS				
TOTAL AREA	10	10	10	10	TOTAL AREA	43	43	43	43
LAND AREA	10	10	10	10	LAND AREA	43	43	43	43
ARAB&PERM CR	1	1*	2F	2F	ARAB&PERM CR	1*	1*	1F	1F
ARABLE LAND	1	1*	2F	2F	ARABLE LAND	1*	1*	1F	1F
PERM PASTURE	1	1*	1F	1F	OTHER LAND	42	42	42	42
FOREST&WOODL	4	4*	4F	4F	USA				
OTHER LAND	4	4	3	3	TOTAL AREA	937261	937261	937261	937261
NEETH ANTILLES					LAND AREA	913529	916648	916660	916660
TOTAL AREA	99	99	99	99	ARAB&PERM CR	188000F	190624	189915	189915
LAND AREA	99	99	99	99	ARABLE LAND	157050F	158755	158781	158781
ARAB&PERM CR	8F	8F	8F	8F	PERM CROPS	1750F	1869	2034	2034
ARABLE LAND	8F	8F	8F	8F	PERM PASTURE	242400F	237539	241467	241467
OTHER LAND	91	91	91	91	FOREST&WOODL	291000F	284464	285188	285188
NICARAGUA					OTHER LAND	191429	204021	220090	220090
TOTAL AREA	13000	13000	13000	13000	US VIRGIN IS				
LAND AREA	11875	11875	11875	11875	TOTAL AREA	34	34	34	34
ARAB&PERM CR	1220F	1235F	1267F	1268F	LAND AREA	34	34	34	34
ARABLE LAND	1050F	1065F	1095F	1095F	ARAB&PERM CR	6	6	7F	7F
PERM CROPS	170F	170F	172F	173F	ARABLE LAND	5	5	5F	5F
PERM PASTURE	4500F	4750F	5050F	5300F	PERM CROPS	1	1	2F	2F
FOREST&WOODL	5280*	4710*	4150F	3600F	PERM PASTURE	9	9	9F	9F
OTHER LAND	875	1180	1408	1707	FOREST&WOODL	2	2	2F	2F
PANAMA					OTHER LAND	17	17	16	16
TOTAL AREA	7708	7708	7708	7708	SOUTH AMERICA				
LAND AREA	7599	7599	7599	7599	TOTAL AREA	1781870	1781870	1781870	1781870
ARAB&PERM CR	543	550F	562F	575F	LAND AREA	1752912	1752926	1752926	1752926
ARABLE LAND	432	434F	436F	440F	ARAB&PERM CR	116212	127679	137249	141873
PERM CROPS	111	116F	126F	135F	ARABLE LAND	54598	103819	111866	115988
PERM PASTURE	1180F	1230F	1280F	1330F	PERM CROPS	21614	23860	25383	25885
FOREST&WOODL	4380*	4230*	4080F	3930F	PERM PASTURE	447252	459154	468096	477947
OTHER LAND	1496	1589	1677	1764	FOREST&WOODL	957563	938883	918099	895668
PUERTO RICO					OTHER LAND	231885	227210	229482	237437
TOTAL AREA	890	890	890	890	ARGENTINA				
LAND AREA	886	886	886	886	TOTAL AREA	276689	276689	276689	276689
ARAB&PERM CR	160	163	129	128F	LAND AREA	273669	273669	273669	273669
ARABLE LAND	98*	101*	70F	68F	ARAB&PERM CR	34250F	35100F	35700F	35750F
PERM CROPS	62*	62*	59F	60F	ARABLE LAND	24600F	25100F	26000F	26000F
PERM PASTURE	332	332	337	334	PERM CROPS	9650F	10000F	9700F	9750F
FOREST&WOODL	165	168	179	177	PERM PASTURE	144000F	143400F	142900F	142400F
OTHER LAND	229	223	241	247	FOREST&WOODL	50500F	60160F	59900F	59400F
ST KITT'S NEV					OTHER LAND	34919	35009	35169	36119
TOTAL AREA	36	36	36	36	BOLIVIA				
LAND AREA	36	36	36	36	TOTAL AREA	109858	109858	109858	109858
ARAB&PERM CR	14*	14*	14F	14F	LAND AREA	108439	108439	108439	108439
ARABLE LAND	8*	8*	8F	8F	ARAB&PERM CR	2921	3330F	3409F	3461F
PERM CROPS	6*	6*	6F	6F	ARABLE LAND	2841	3220F	3250F	3270F
PERM PASTURE	1*	1*	1F	1F	PERM CROPS	80	110	159F	191
FOREST&WOODL	6*	6*	6F	6F	PERM PASTURE	27300F	27100F	26950F	26700F
OTHER LAND	15	15	15	15	FOREST&WOODL	57450*	56330F	56010F	55710F
SAINT LUCIA					OTHER LAND	20768	21679	22070	22568
TOTAL AREA	62	62	62	62	BRAZIL				
LAND AREA	61	61	61	61	TOTAL AREA	851197	851197	851197	851197
ARAB&PERM CR	17*	17	17F	18F	LAND AREA	845651	845651	845651	845651
ARABLE LAND	5	5	5F	5F	ARAB&PERM CR	57820F	66820F	74700F	78550F
PERM CROPS	12	12	12F	13F	ARABLE LAND	49600F	56800F	63000F	66500F
PERM PASTURE	3	3*	3F	3F	PERM CROPS	8220F	10020F	11700F	12050F
FOREST&WOODL	11*	8*	8F	8F					

LAND USE	UTILISATION DES TERRES				USO DE TIERRAS			
	1973	1978	1983	1988	1973	1978	1983	1988
1000HA								
BRAZIL					URUGUAY			
PERM PASTURE	151200F	159000F	164000F	169000F	ARAB&PERM CR	1427F	1449F	1376F
FOREST&WOODL	589850*	579860*	567710F	555560F	ARABLE LAND	1380F	1403F	1330F
OTHER LAND	46781	39971	39241	42541	PERM CROPS	47F	46F	46F
CHILE					PERM PASTURE	13629F	13631F	13592F
TOTAL AREA	75695	75695	75695	75695	FOREST&WOODL	613F	623F	630
LAND AREA	74880	74880	74880	74880	OTHER LAND	1812	1778	1883
ARAB&PERM CR	4078F	4188F	4302F	4365	VENEZUELA			
ARABLE LAND	3880F	3980F	4080F	4120	TOTAL AREA	91205	91205	91205
PERM CROPS	198	208F	222F	245	LAND AREA	88205	88205	88205
PERM PASTURE	11538	12900F	13150F	13400F	ARAB&PERM CR	3517F	3672F	3758F
FOREST&WOODL	8680F	8680F	8770	8800F	ARABLE LAND	2850F	3000F	3080F
OTHER LAND	50584	49112	48658	48315	PERM CROPS	667F	672F	678F
COLOMBIA					PERM PASTURE	16689	17100F	17350F
TOTAL AREA	113891	113891	113891	113891	FOREST&WOODL	35105F	33655F	32205F
LAND AREA	103870	103870	103870	103870	OTHER LAND	32894	33778	34892
ARAB&PERM CR	5085F	5166F	5249F	5347F	ASIA			
ARABLE LAND	3604F	3681F	3759F	3850F	TOTAL AREA	2757462	2757462	2757462
PERM CROPS	1481F	1485F	1490F	1497F	LAND AREA	2678762	2678588	2678660
PERM PASTURE	36260F	37620F	38980F	40200F	ARAB&PERM CR	446119	449113	449574
FOREST&WOODL	55400F	53900F	52400F	50900F	ARABLE LAND	417835	419800	419345
OTHER LAND	7125	7184	7241	7423	PERM CROPS	29280	29313	30229
ECUADOR					PERM PASTURE	695510	680635	678604
TOTAL AREA	28356	28356	28356	28356	FOREST&WOODL	548331	544159	536540
LAND AREA	27684	27684	27684	27684	OTHER LAND	597802	1004782	1013923
ARAB&PERM CR	2585F	2505	2482F	2676F	AFGHANISTAN			
ARABLE LAND	1740F	1610F	1552F	1726F	TOTAL AREA	65209	65209	65209
PERM CROPS	845F	895F	930F	950F	LAND AREA	65209	65209	65209
PERM PASTURE	2450F	3500F	4600F	5050F	ARAB&PERM CR	8048F	8060	8054F
FOREST&WOODL	15650F	14550F	13000F	11500F	ARABLE LAND	7910F	7910F	7910F
OTHER LAND	6999	7129	7602	8458	PERM CROPS	138F	140	144F
FALKLAND IS					PERM PASTURE	30000F	30000F	30000F
TOTAL AREA	1217	1217	1217	1217	FOREST&WOODL	1900	1900F	1900F
LAND AREA	1217	1217	1217	1217	OTHER LAND	25251	25259	25255
PERM PASTURE	1200*	1200*	1200*	1200	BAHRAIN			
OTHER LAND	17	17	17	17	TOTAL AREA	63	63	63
FR GUJANA					LAND AREA	63	63	63
TOTAL AREA	9000	9000	9000	9000	ARAB&PERM CR	2	2*	2F
LAND AREA	8815	8815	8815	8815	ARABLE LAND	1	1*	1F
ARAB&PERM CR	2*	4	5	6F	PERM CROPS	1	1*	1F
ARABLE LAND	2*	3	4	5F	PERM PASTURE	4	4*	4F
PERM CROPS		1	1	1F	OTHER LAND	52	52	62
PERM PASTURE	5*	5F	6	7F	BANGLADESH			
FOREST&WOODL	7600F	7300	7300	7300F	TOTAL AREA	14400	14400	14400
OTHER LAND	1208	1506	1504	1502	LAND AREA	13017	13017	13017
GUYANA					ARAB&PERM CR	9116	9138F	9131
TOTAL AREA	21497	21497	21497	21497	ARABLE LAND	8504	8915	8862
LAND AREA	19671	19685	19685	19685	PERM CROPS	212	223F	259
ARAB&PERM CR	377F	466F	495*	495F	PERM PASTURE	600F	600F	600F
ARABLE LAND	362F	451F	480	480F	FOREST&WOODL	2229	2195	2143
PERM CROPS	15F	15F	15F	15F	OTHER LAND	1072	1084	1185
PERM PASTURE	999	1160F	1230F	1230F	BHUTAN			
FOREST&WOODL	18190	16825F	16369	16369F	TOTAL AREA	4700	4700	4700
OTHER LAND	105	1234	1591	1591	LAND AREA	4700	4700	4700
PARAGUAY					ARAB&PERM CR	109F	118F	127F
TOTAL AREA	40675	40675	40675	40675	ARABLE LAND	93F	101F	109F
LAND AREA	39730	39730	39730	39730	PERM CROPS	16F	17F	18F
ARAB&PERM CR	917F	1505F	2066F	2216F	PERM PASTURE	259F	263F	267
ARABLE LAND	804	1390F	1950F	2100F	FOREST&WOODL	2480F	2530F	2573
PERM CROPS	113F	115F	116F	116F	OTHER LAND	1852	1789	1733
PERM PASTURE	14849	15400F	17000F	20500F	BRUNEI DARUS			
FOREST&WOODL	20950F	20700F	18780F	14950F	TOTAL AREA	577	577	577
OTHER LAND	3014	2125	1884	2063	LAND AREA	527	527	527
PERU					ARAB&PERM CR	12F	9F	7F
TOTAL AREA	128522	128522	128522	128522	ARABLE LAND	4F	4F	3F
LAND AREA	128000	128000	128000	128000	PERM CROPS	8F	5F	4F
ARAB&PERM CR	3190F	3430F	3650F	3725F	PERM PASTURE	6*	6*	6F
ARABLE LAND	2900F	3145F	3333F	3400F	FOREST&WOODL	410F	350F	295F
PERM CROPS	290F	285	317F	325F	OTHER LAND	99	162	219
PERM PASTURE	27120*	27120*	27120F	27120F	CAMBODIA			
FOREST&WOODL	72650*	71400*	70150F	68900F	TOTAL AREA	18104	18104	18104
OTHER LAND	25040	26050	27080	28255	LAND AREA	17652	17652	17652
SURINAME					ARAB&PERM CR	3046F	3046F	3046F
TOTAL AREA	16327	16327	16327	16327	ARABLE LAND	2900F	2900F	2910F
LAND AREA	15600	15600	15600	15600	PERM CROPS	146F	146F	146F
ARAB&PERM CR	43F	44F	57F	68	PERM PASTURE	580*	580F	580F
ARABLE LAND	35F	36F	48F	57	FOREST&WOODL	13372	13372	13372F
PERM CROPS	8F	8F	9	11	OTHER LAND	654	654	644
PERM PASTURE	13F	18F	18	20F	CHINA			
FOREST&WOODL	14925F	14900F	14875F	14855	TOTAL AREA	959696	959696	959696
OTHER LAND	619	638	650	657	LAND AREA	932641	932641	932641
URUGUAY					ARAB&PERM CR	101376F	100518*	99254F
TOTAL AREA	17741	17741	17741	17741	ARABLE LAND	96722F	97477F	95902F
LAND AREA	17481	17481	17481	17481	PERM CROPS	2654F	3041F	3352F
					PERM PASTURE	319080F	319080	319080F

LAND USE					UTILISATION DES TERRES					USO DE TIERRAS				
					1000HA									
	1973	1978	1983	1988		1973	1978	1983	1988		1973	1978	1983	1988
CHINA					JAPAN									
FOREST&WOODL	113624F	116865*	120365F	117115F	LAND AREA	37652	37652	37652	37652					
OTHER LAND	398561	396178	393942	399801	ARAB&PERM CR	5216	4940	4806	4681					
CYPRUS					ARABLE LAND	4584	4344	4238	4170					
TOTAL AREA	925	925	925	925	PERM CROPS	632	596	568	511					
LAND AREA	924	924	924	924	PERM PASTURE	431	554	605	636					
ARAB&PERM CR	159F	159F	159F	157	FOREST&WOODL	25043	25011	25198	25105					
ARABLE LAND	103F	103F	103F	104	OTHER LAND	6962	7148	7043	7230					
PERM CROPS	56F	56F	56F	53	JORDAN									
PERM PASTURE	5F	5F	5F	5	TOTAL AREA	8921	8921	8921	8921					
FOREST&WOODL	123F	123F	123	123	LAND AREA	8893	8893	8893	8893					
OTHER LAND	637	637	637	639	ARAB&PERM CR	320F	322F	347F	374					
EAST TIMOR					ARABLE LAND	288F	296F	304	308					
TOTAL AREA	1487	1487	1487	1487	PERM CROPS	32F	36F	43	66					
LAND AREA	1487	1487	1487	1487	PERM PASTURE	790F	790F	791	791F					
ARAB&PERM CR	80F	80F	80F	80F	FOREST&WOODL	58F	63F	66	71					
ARABLE LAND	70F	70F	70F	70F	OTHER LAND	7725	7708	7689	7657					
PERM CROPS	10F	10F	10F	10F	KOREA DPR									
PERM PASTURE	150F	150F	150F	150F	TOTAL AREA	12054	12054	12054	12054					
FOREST&WOODL	1100*	1100*	1100F	1100F	LAND AREA	12041	12041	12041	12041					
OTHER LAND	157	157	157	157	ARAB&PERM CR	2100F	2220F	2290F	2402F					
GAZA STRIP					ARABLE LAND	2020F	2130F	2200F	2310F					
TOTAL AREA	38	38	38	38	PERM CROPS	80F	90F	90F	92F					
LAND AREA	38	38	38	38	PERM PASTURE	50F	50F	50F	50F					
ARAB&PERM CR	17F	17F	17F	18F	FOREST&WOODL	8970	8970	8970F	8970F					
ARABLE LAND	5F	5F	5F	6F	OTHER LAND	921	801	731	619					
PERM CROPS	12F	12F	12F	12F	KOREA REP									
OTHER LAND	21	21	21	20	TOTAL AREA	9902	9902	9902	9902					
HONG KONG					LAND AREA	9873	9873	9873	9873					
TOTAL AREA	104	104	104	104	ARAB&PERM CR	2241	2222	2167	2138					
LAND AREA	102	100	99	99	ARABLE LAND	2095	2079	2032	1937					
ARAB&PERM CR	12	8	8	7	PERM CROPS	146	143	135	141					
ARABLE LAND	11	8	7	6	PERM PASTURE	30F	41	69F	83F					
PERM CROPS	1		1	1	FOREST&WOODL	6628	6578	6548	6491					
PERM PASTURE			1	1	OTHER LAND	974	1032	1059	1156					
FOREST&WOODL	11	13	12	12F	KUWAIT									
OTHER LAND	79	79	79	79	TOTAL AREA	1782	1782	1782	1782					
INDIA					LAND AREA	1782	1782	1782	1782					
TOTAL AREA	328759	328759	328759	328759	ARAB&PERM CR	1	1	2	4F					
LAND AREA	297319	297319	297319	297319	ARABLE LAND	1	1	2	4F					
ARAB&PERM CR	166530	168635	168520	169450F	PERM PASTURE	134	134	134	134F					
ARABLE LAND	161990	164593	164968	165950F	FOREST&WOODL	2	2	2	2F					
PERM CROPS	4540	4042	3552	3500F	OTHER LAND	1645	1645	1644	1642					
PERM PASTURE	12710	12363	11959	12040F	LAOS									
FOREST&WOODL	65430	67115	67349	66600F	TOTAL AREA	23680	23680	23680	23680					
OTHER LAND	52649	49206	49491	49229	LAND AREA	23080	23080	23080	23080					
INDONESIA					ARAB&PERM CR	842F	855F	890F	901F					
TOTAL AREA	190457	190457	190457	190457	ARABLE LAND	839F	845F	870F	880F					
LAND AREA	181157	181157	181157	181157	PERM CROPS	12F	20F	20F	21F					
ARAB&PERM CR	18960F	19418	20310F	21220F	PERM PASTURE	800*	800*	800F	800F					
ARABLE LAND	13800F	14168	15000F	15800F	FOREST&WOODL	14400F	13900F	13400F	12900F					
PERM CROPS	5160F	5250	5310F	5420F	OTHER LAND	7038	7515	7990	8479					
PERM PASTURE	12300F	12046*	11900F	11800F	LEBANON									
FOREST&WOODL	122227	119700F	114500F	113433	TOTAL AREA	1040	1040	1040	1040					
OTHER LAND	27670	29993	34447	34704	LAND AREA	1023	1023	1023	1023					
IRAN					ARAB&PERM CR	345	319F	298F	301F					
TOTAL AREA	164800	164800	164800	164800	ARABLE LAND	240	224F	210F	208F					
LAND AREA	163600	163600	163600	163600	PERM CROPS	105	95F	89F	93F					
ARAB&PERM CR	17481	14867	14845F	14830F	PERM PASTURE	10	10*	10F	10F					
ARABLE LAND	16901	14192	14115F	14100F	FOREST&WOODL	95	90F	82F	80F					
PERM CROPS	580F	675	730F	730F	OTHER LAND	573	604	633	632					
PERM PASTURE	44000*	44000*	44000*	44000F	MACAU									
FOREST&WOODL	18000	18000	18020F	18020F	TOTAL AREA	2	2	2	2					
OTHER LAND	84119	86733	86735	86750	LAND AREA	2	2	2	2					
IRAQ					OTHER LAND	2	2	2	2					
TOTAL AREA	43832	43832	43832	43832	MALAYSIA									
LAND AREA	43737	43737	43737	43737	TOTAL AREA	32975	32975	32975	32975					
ARAB&PERM CR	5170F	5389F	5450F	5450F	LAND AREA	32855	32855	32855	32855					
ARABLE LAND	5000F	5200F	5250F	5250F	ARAB&PERM CR	4580F	4760F	4860F	4880F					
PERM CROPS	170F	189	200F	200F	ARABLE LAND	950F	990F	1020F	1040F					
PERM PASTURE	4000F	4000*	4000F	4000F	PERM CROPS	3630F	3770F	3840F	3840F					
FOREST&WOODL	1930F	1920F	1910F	1890F	PERM PASTURE	26*	27*	27F	27F					
OTHER LAND	32637	32428	32377	32397	FOREST&WOODL	22940F	21740F	20540F	19340F					
ISRAEL					OTHER LAND	5309	6328	7428	8608					
TOTAL AREA	2106	2106	2106	2106	MALDIVES									
LAND AREA	2062	2062	2062	2062	TOTAL AREA	30	30	30	30					
ARAB&PERM CR	421	413	407	433	LAND AREA	30	30	30	30					
ARABLE LAND	334	325	315	343	ARAB&PERM CR	3*	3*	3F	3F					
PERM CROPS	87	88	92	90	ARABLE LAND	3*	3*	3F	3F					
PERM PASTURE	116F	120F	146	148	PERM PASTURE	1F	1F	1F	1F					
FOREST&WOODL	113	116	108	110F	FOREST&WOODL	1F	1F	1F	1F					
OTHER LAND	1412	1413	1401	1371	OTHER LAND	25	25	25	25					
JAPAN					MONGOLIA									
TOTAL AREA	37780	37780	37780	37780	TOTAL AREA	156650	156650	156650	156650					

LAND USE	UTILISATION DES TERRES				USO DE TIERRAS				
	1000HA								
	1973	1978	1983	1988		1973	1978	1983	1988
MONGOLIA					SYRIA				
TOTAL AREA	156650	156650	156650	156650	TOTAL AREA	18518	18518	18518	18518
LAND AREA	789	1154	1314	1366	LAND AREA	18456	18411	18405	18406
ARAB&PERM CR	789	1154	1313	1365	ARAB&PERM CR	5878	5588	5607	5560
ARABLE LAND			1	1	ARABLE LAND	5550	5149	5082	4947F
PERM CROPS					PERM CROPS	328	439	525	613F
PERM PASTURE	139894	124763	123663	123869	PERM PASTURE	8600*	8421	8384	8231
FOREST&WOODL	15000	15219	15178	13914	FOREST&WOODL	481	455	499	543
OTHER LAND	967	15514	16495	17501	OTHER LAND	3497	3947	3915	4072
MYANMAR					THAILAND				
TOTAL AREA	67655	67655	67655	67655	TOTAL AREA	51312	51312	51312	51312
LAND AREA	65797	65776	65735	65754	LAND AREA	51089	51089	51089	51089
ARAB&PERM CR	9960F	10006	10077	10047	ARAB&PERM CR	15580F	17776	19198	20150F
ARABLE LAND	9485F	9558	9613	9557F	ARABLE LAND	13900F	16108	17293	17900F
PERM CROPS	475	448	464	490F	PERM CROPS	1680F	1668	1905	2250F
PERM PASTURE	362	361	361	362F	PERM PASTURE	500F	600F	700F	760F
FOREST&WOODL	32172	32170	32143	32384	FOREST&WOODL	20010*	16870*	15403	14165F
OTHER LAND	23303	23239	23154	22961	OTHER LAND	14999	15843	15788	16014
NEPAL					TURKEY				
TOTAL AREA	14080	14080	14080	14080	TOTAL AREA	77945	77945	77945	77945
LAND AREA	13680	13680	13680	13680	LAND AREA	76963	76963	76963	76963
ARAB&PERM CR	2193F	2324F	2316F	2359F	ARAB&PERM CR	28267	28045	26618	27730
ARABLE LAND	2165F	2295F	2287F	2330F	ARABLE LAND	25543	25123	23696	24750F
PERM CROPS	28F	29F	29F	29F	PERM CROPS	2744	2922	2922	2980F
PERM PASTURE	1700*	1850F	1940F	2000F	PERM PASTURE	10500F	10000*	9200F	8600F
FOREST&WOODL	2340F	2308F	2308F	2308F	FOREST&WOODL	20170	20155	20199	20199F
OTHER LAND	7447	7198	7116	7013	OTHER LAND	18005	18753	20946	20434
OMAN					U A EMIRATES				
TOTAL AREA	21246	21246	21246	21246	TOTAL AREA	8360	8360	8360	8360
LAND AREA	21246	21246	21246	21246	LAND AREA	8360	8360	8360	8360
ARAB&PERM CR	35F	41	43F	48F	ARAB&PERM CR	13	18	32	39
ARABLE LAND	13F	13	15F	16F	ARABLE LAND	8	12	23	29
PERM CROPS	22F	28	28F	32F	PERM CROPS	5	6	9	10
PERM PASTURE	1000F	1000F	1000F	1000F	PERM PASTURE	200F	200F	200F	200
OTHER LAND	20211	20205	20203	20198	FOREST&WOODL	2	2*	3F	3
PAKISTAN					OTHER LAND	8145	8140	8125	8118
TOTAL AREA	79610	79610	79610	79610	VIET NAM				
LAND AREA	77088	77088	77088	77088	TOTAL AREA	33169	33169	33169	33169
ARAB&PERM CR	19381	19980	20340	20900F	LAND AREA	32749	32749	32749	32749
ARABLE LAND	19191*	19713	19971	20473F	ARAB&PERM CR	6125F	6561	6600F	6570F
PERM CROPS	190F	267	369	427	ARABLE LAND	5582F	5999	5850F	5710F
PERM PASTURE	5000F	5000F	5000F	5000F	PERM CROPS	445F	552	750F	860F
FOREST&WOODL	2853	2770	3050	3300	PERM PASTURE	272F	272	297F	330F
OTHER LAND	49854	49338	48698	47888	FOREST&WOODL	13550F	13329	11300F	9309
PHILIPPINES					OTHER LAND	12702	12587	14552	15540
TOTAL AREA	30000	30000	30000	30000	YEMEN AR				
LAND AREA	29823	29817	29817	29817	TOTAL AREA	19500	19500	19500	19500
ARAB&PERM CR	7291F	7625F	7875F	7970F	LAND AREA	19500	19500	19500	19500
ARABLE LAND	4610F	4525F	4475F	4550F	ARAB&PERM CR	1335F	1351F	1351F	1360F
PERM CROPS	2681	3100F	3400F	3420F	ARABLE LAND	1250F	1261F	1261F	1265F
PERM PASTURE	846	990	1120F	1220F	PERM CROPS	85F	90F	90F	95F
FOREST&WOODL	13893	12864	11760	10750F	PERM PASTURE	7050F	7000	7000F	7030F
OTHER LAND	7793	8338	9062	9877	FOREST&WOODL	1600*	1600	1600F	1600F
QATAR					OTHER LAND	9565	9549	9549	9540
TOTAL AREA	1100	1100	1100	1100	YEMEN DEM				
LAND AREA	1100	1100	1100	1100	TOTAL AREA	33297	33297	33297	33297
ARAB&PERM CR	1	2	3	5	LAND AREA	33297	33297	33297	33297
ARABLE LAND	1	2	3	5	ARAB&PERM CR	107F	111F	115F	119F
PERM CROPS	50F	50F	50F	50F	ARABLE LAND	100F	104F	108F	111F
OTHER LAND	1049	1048	1047	1045	PERM CROPS	7F	7F	7F	8F
SAUDI ARABIA					PERM PASTURE	9065F	9065F	9065F	9065F
TOTAL AREA	214969	214969	214969	214969	FOREST&WOODL	1670F	1620F	1570F	1520F
LAND AREA	214969	214969	214969	214969	OTHER LAND	22455	22501	22547	22593
ARAB&PERM CR	1030F	1106F	1130F	1185F	EUROPE				
ARABLE LAND	960F	1040F	1060F	1110F	TOTAL AREA	486707	486741	486751	486755
PERM CROPS	70F	66F	70	75F	LAND AREA	472233	472184	472149	472053
PERM PASTURE	85000	85000*	85000*	85000F	ARAB&PERM CR	142008	141289	139716	140104
FOREST&WOODL	1601	1360F	1200F	1200F	ARABLE LAND	127459	126571	125283	126139
OTHER LAND	127338	127503	127639	127584	PERM CROPS	14549	14718	14433	13965
SINGAPORE					PERM PASTURE	87998	86331	85443	83348
TOTAL AREA	62	62	62	62	FOREST&WOODL	153850	155847	156691	157491
LAND AREA	61	61	61	61	OTHER LAND	88377	88721	90300	91110
ARAB&PERM CR	11	8*	6	2	ALBANIA				
ARABLE LAND	3	2*	2F	2	TOTAL AREA	2875	2875	2875	2875
PERM CROPS	8	6*	4F	3	LAND AREA	2740	2740	2740	2740
FOREST&WOODL	3	3	3	3	ARAB&PERM CR	636	697	710	714
OTHER LAND	47	50	52	56	ARABLE LAND	548	583	589	590
SRI LANKA					PERM CROPS	88	114	121	124
TOTAL AREA	6561	6561	6561	6561	PERM PASTURE	510F	417F	400	403
LAND AREA	6463	6463	6463	6463	FOREST&WOODL	1220F	1013F	1032	1047
ARAB&PERM CR	1916F	1888F	1869	1898	OTHER LAND	374	613	598	576
ARABLE LAND	828F	858F	894	923	ANDORRA				
PERM CROPS	1084	1030F	975	975	TOTAL AREA	45	45	45	45
PERM PASTURE	439	439F	439F	439F	LAND AREA	45	45	45	45
FOREST&WOODL	1800F	1780F	1747	1747F	ARAB&PERM CR	1F	1F	1F	1F
OTHER LAND	2308	2356	2408	2379					

LAND USE

UTILISATION DES TERRES

USO DE TIERRAS

1000 HA

	1973	1978	1983	1988		1973	1978	1983	1988
ANDORRA					GERMANY FR				
ARABLE LAND	1F	1F	1F	1F	LAND AREA	24410	24412	24428	24428
PERM PASTURE	25F	25F	25F	25F	ARAB&PERM CR	7591F	7537F	7449	7466
FOREST&WOODL	10F	10F	10F	10F	ARABLE LAND	7356F	7310F	7233	7261
OTHER LAND	9	9	9	9	PERM CROPS	235F	227F	216	205
AUSTRIA					PERM PASTURE	5019F	4840F	4630	4449
TOTAL AREA	8385	8385	8385	8385	FOREST&WOODL	7269F	7316F	7328	7360F
LAND AREA	8271	8272	8273	8273	OTHER LAND	4531	4719	5021	5153
ARAB&PERM CR	1612	1645	1516	1507F	GIBRALTAR				
ARABLE LAND	1514	1547	1439	1433F	TOTAL AREA	1	1	1	1
PERM CROPS	98	98	77	74F	LAND AREA	1	1	1	1
PERM PASTURE	2181	2071	1986	1982F	OTHER LAND	1	1	1	1
FOREST&WOODL	3250	3266	3221	3200	GREECE				
OTHER LAND	1228	1290	1550	1584	TOTAL AREA	13199	13199	13199	13199
BELGIUM-LUX					LAND AREA	13085	13085	13085	13085
TOTAL AREA	3310	3310	3310	3310	ARAB&PERM CR	3893	3920	3945	3929F
LAND AREA	3282	3282	3282	3282	ARABLE LAND	2957	2923	2918	2880F
ARAB&PERM CR	897	888	811	820F	PERM CROPS	936	997	1027	1049F
ARABLE LAND	866	863	795	804F	PERM PASTURE	5250F	5255F	5255F	5255F
PERM CROPS	31	25F	16	16F	FOREST&WOODL	2615F	2618F	2620F	2620F
PERM PASTURE	803	723	723	688F	OTHER LAND	1327	1292	1265	1281
FOREST&WOODL	702	702	695	699F	HUNGARY				
OTHER LAND	880	969	1053	1075	TOTAL AREA	9303	9303	9303	9303
BULGARIA					LAND AREA	9234	9234	9234	9234
TOTAL AREA	11091	11091	11091	11091	ARAB&PERM CR	5555	5388	5292	5287
LAND AREA	11055	11055	11055	11055	ARABLE LAND	5176	5046	5020	5050
ARAB&PERM CR	4502	4288	4141	4140	PERM CROPS	379	342	272	237
ARABLE LAND	4120	3926	3812	3840	PERM PASTURE	1280	1310	1279	1210
PERM CROPS	382	362	329	300	FOREST&WOODL	1490	1584	1633	1678
PERM PASTURE	1480	1923	2036	2022	OTHER LAND	909	952	1030	1059
FOREST&WOODL	3779	3833	3859	3868	ICELAND				
OTHER LAND	1294	1011	1019	1025	TOTAL AREA	10300	10300	10300	10300
CZECHOSLOVAK					LAND AREA	10025	10025	10025	10025
TOTAL AREA	12787	12787	12787	12787	ARAB&PERM CR	8	8	8	8F
LAND AREA	12550	12552	12546	12537	ARABLE LAND	8	8	8	8F
ARAB&PERM CR	5311	5246	5170	5119	PERM PASTURE	2279	2274	2274	2274F
ARABLE LAND	5184	5112	5035	4986	FOREST&WOODL	120	120	120	120F
PERM CROPS	127	134	135	133	OTHER LAND	7518	7523	7523	7523
PERM PASTURE	1749	1706	1665	1646	IRELAND				
FOREST&WOODL	4466	4525	4581	4607	TOTAL AREA	7025	7028	7028	7028
OTHER LAND	1034	1075	1130	1165	LAND AREA	6839	6839	6839	6839
DENMARK					ARAB&PERM CR	1235F	1160F	1020	963F
TOTAL AREA	4307	4307	4307	4307	ARABLE LAND	1253F	1158F	1017	950F
LAND AREA	4237	4237	4237	4237	PERM CROPS	2F	2	3	3F
ARAB&PERM CR	2658	2653	2610	2570	PERM PASTURE	4397F	4567F	4684	4688F
ARABLE LAND	2653	2643	2593	2566	FOREST&WOODL	275F	313F	324	339F
PERM CROPS	15	10	17	4	OTHER LAND	932	849	859	899
PERM PASTURE	318	268	236	217	ITALY				
FOREST&WOODL	472	493	493	493	TOTAL AREA	30127	30127	30127	30127
OTHER LAND	779	823	898	957	LAND AREA	29409	29406	29406	29406
FAEROE IS					ARAB&PERM CR	12233	12422	12268	12149
TOTAL AREA	140	140	140	140	ARABLE LAND	9288	9451	9128	9104
LAND AREA	140	140	140	140	PERM CROPS	2945	2971	3140	3045
ARAB&PERM CR	3	3	3F	3F	PERM PASTURE	5249	5167	4992	4907
ARABLE LAND	3	3	3F	3F	FOREST&WOODL	6223	6345	6393	6735
OTHER LAND	137	137	137	137	OTHER LAND	5704	5472	5753	5615
FINLAND					LIECHTENSTEN				
TOTAL AREA	33813	33813	33813	33813	TOTAL AREA	16	16	16	16
LAND AREA	30461	30461	30461	30461	LAND AREA	16	16	16	16
ARAB&PERM CR	2512	2430	2467	2441	ARAB&PERM CR	4	4	4	4F
ARABLE LAND	2512	2430	2467	2441	ARABLE LAND	4	4	4	4F
PERM PASTURE	147	173	136	127	PERM PASTURE	5	5	6	6F
FOREST&WOODL	22840F	23321	23321	23222	FOREST&WOODL	3	3	3	3F
OTHER LAND	4962	4537	4537	4671	OTHER LAND	4	4	3	3
FRANCE					MALTA				
TOTAL AREA	55150	55150	55150	55150	TOTAL AREA	32	32	32	32
LAND AREA	55010	55010	55010	55010	LAND AREA	32	32	32	32
ARAB&PERM CR	18701	18975	18725	19547F	ARAB&PERM CR	14	14	13	13F
ARABLE LAND	17096	17353	17368	18267	ARABLE LAND	13	13	12F	12F
PERM CROPS	1605	1622	1357	1280F	PERM CROPS	1	1	1F	1F
PERM PASTURE	13759	12986	12535	11740	OTHER LAND	18	18	19	19
FOREST&WOODL	14602	14551	14598	14700F	NETHERLANDS				
OTHER LAND	7948	8498	9152	9023	TOTAL AREA	3685	3719	3729	3733
GERMAN DR					LAND AREA	3381	3395	3392	3392
TOTAL AREA	10833	10833	10833	10833	ARAB&PERM CR	834	857	866	931
LAND AREA	10618	10612	10598	10521	ARABLE LAND	796	823	836	902F
ARAB&PERM CR	4858	5039	5001	4924	PERM CROPS	38	34	30	29F
ARABLE LAND	4634	4776	4734	4687	PERM PASTURE	1267	1189	1143	1081
PERM CROPS	224	263	267	237	FOREST&WOODL	303	290	297	300F
PERM PASTURE	1429	1243	1250	1258	OTHER LAND	977	1059	1086	1080
FOREST&WOODL	2950	2953	2963	2981	NORWAY				
OTHER LAND	1381	1377	1384	1358	TOTAL AREA	32390	32390	32390	32390
GERMANY FR					LAND AREA	30683	30683	30683	30683
TOTAL AREA	24858	24858	24858	24858	ARAB&PERM CR	790	806	849	862

LAND USE	UTILISATION DES TERRES				USO DE TIERRAS			
	1000 HA							
	1973	1978	1983	1988	1973	1978	1983	1988
NORWAY								
ARABLE LAND	790	806	849	862				
PERM PASTURE	114	94	96	102				
FOREST&WOODL	8330	8330	8330F	8330F				
OTHER LAND	21449	21457	21411	21389				
POLAND								
TOTAL AREA	31268	31268	31268	31268				
LAND AREA	30466	30457	30451	30445				
ARAB&PERM CR	15107	15040F	14799	14780				
ARABLE LAND	14800	14709	14474	14464				
PERM CROPS	307	331F	325	316				
PERM PASTURE	4219	4071	4080	4040				
FOREST&WOODL	8580	8664	8712	8733				
OTHER LAND	2560	2682	2860	2892				
PORTUGAL								
TOTAL AREA	9239	9239	9239	9239				
LAND AREA	9195	9195	9195	9195				
ARAB&PERM CR	2930F	2810F	2770F	2750F				
ARABLE LAND	2290F	2110F	2060F	2040F				
PERM CROPS	640F	700F	710F	710F				
PERM PASTURE	530*	530*	530F	530F				
FOREST&WOODL	3641	3641*	3641F	3641F				
OTHER LAND	2094	2214	2254	2274				
ROMANIA								
TOTAL AREA	23750	23750	23750	23750				
LAND AREA	23034	23034	23034	23034				
ARAB&PERM CR	10426	10542	10555	10700F				
ARABLE LAND	9658	9803	9904	10100F				
PERM CROPS	768	739	651	600F				
PERM PASTURE	4478	4423	4426	4410F				
FOREST&WOODL	6309	6331	6337	6341F				
OTHER LAND	1821	1738	1716	1583				
SAN MARINO								
TOTAL AREA	6	6	6	6				
LAND AREA	6	6	6	6				
ARAB&PERM CR	1F	1F	1F	1F				
ARABLE LAND	1F	1F	1F	1F				
OTHER LAND	5	5	5	5				
SPAIN								
TOTAL AREA	50478	50478	50478	50478				
LAND AREA	49978	49953	49943	49944				
ARAB&PERM CR	20979	20578	20508	20380F				
ARABLE LAND	16054	15640	15592	15580F				
PERM CROPS	4925	4938	4916	4800F				
PERM PASTURE	11301	10900F	10671	10210F				
FOREST&WOODL	14590	15402	15622	15670F				
OTHER LAND	3108	3073	3142	3684				
SWEDEN								
TOTAL AREA	44094	44094	44094	44094				
LAND AREA	40260	40260	40260	40260				
ARAB&PERM CR	3018	3000	3003	2935				
ARABLE LAND	3018	3000	3003	2935				
PERM PASTURE	700	728	695F	562F				
FOREST&WOODL	27842	27870F	28005	28020F				
OTHER LAND	8700	8662	8557	8743				
SWITZERLAND								
TOTAL AREA	4129	4129	4129	4129				
LAND AREA	3993	3977	3977	3977				
ARAB&PERM CR	384	396	412	412				
ARABLE LAND	366	376	391	391				
PERM CROPS	18	20	21	21				
PERM PASTURE	1633	1625	1609	1609				
FOREST&WOODL	1052	1052	1052	1052				
OTHER LAND	924	904	904	904				
UK								
TOTAL AREA	24488	24488	24488	24488				
LAND AREA	24177	24178	24165	24160				
ARAB&PERM CR	7164	7014	6986	6988F				
ARABLE LAND	7089	6949	6923	6930F				
PERM CROPS	75	65	63	58F				
PERM PASTURE	11532	11464	11704	11560F				
FOREST&WOODL	1986	2062	2232	2364F				
OTHER LAND	3495	3638	3243	3248				
YUGOSLAVIA								
TOTAL AREA	25580	25580	25580	25580				
LAND AREA	25540	25540	25540	25540				
ARAB&PERM CR	8091	7927	7813	7760				
ARABLE LAND	7981	7204	7074	7037				
PERM CROPS	710	723	739	723				
PERM PASTURE	6344	6354	6377	6347				
FOREST&WOODL	8931	9239	9269	9358				
OTHER LAND	2174	2020	2081	2075				
OCEANIA								
TOTAL AREA	851045	851045	851045	851045				
OCEANIA								
LAND AREA	842696	842696	842696	842696				
ARAB&PERM CR	41887	44261	46666	48716				
ARABLE LAND	40944	43290	45646	47676				
PERM CROPS	943	970	1019	1041				
PERM PASTURE	460245	448464	440800	439377				
FOREST&WOODL	188153	157216	156267	156317				
OTHER LAND	152411	192755	198963	198286				
AMER SAMOA								
TOTAL AREA	20	20	20	20				
LAND AREA	20	20	20	20				
ARAB&PERM CR	4*	4*	4	4F				
ARABLE LAND	2*	2*	2	2F				
PERM CROPS	2*	2*	2	2F				
FOREST&WOODL	14*	14*	14	14F				
OTHER LAND	2	2	2	2				
AUSTRALIA								
TOTAL AREA	768685	768685	768685	768685				
LAND AREA	761793	761793	761793	761793				
ARAB&PERM CR	40387F	42670F	44975F	46973				
ARABLE LAND	40216	42518	44817	46806				
PERM CROPS	171F	152F	158F	167				
PERM PASTURE	446630F	433860F	426150F	425060				
FOREST&WOODL	137700	107000	106000	106000				
OTHER LAND	137076	178263	184668	183760				
CANTON IS								
TOTAL AREA	7	7	7	7				
LAND AREA	7	7	7	7				
OTHER LAND	7	7	7	7				
CHRISTMAS IS								
TOTAL AREA	13	13	13	13				
LAND AREA	13	13	13	13				
OTHER LAND	13	13	13	13				
COCOS IS								
TOTAL AREA	1	1	1	1				
LAND AREA	1	1	1	1				
OTHER LAND	1	1	1	1				
COOK ISLANDS								
TOTAL AREA	23	23	23	23				
LAND AREA	23	23	23	23				
ARAB&PERM CR	6	6	6F	6F				
ARABLE LAND	1	1	1F	1F				
PERM CROPS	5	5	5F	5F				
OTHER LAND	17	17	17	17				
FLI								
TOTAL AREA	1827	1827	1827	1827				
LAND AREA	1827	1827	1827	1827				
ARAB&PERM CR	228F	234F	236F	240F				
ARABLE LAND	146*	148F	148F	152F				
PERM CROPS	82F	86F	88F	88F				
PERM PASTURE	65*	60	60F	60F				
FOREST&WOODL	1185*	1185*	1185F	1185F				
OTHER LAND	349	348	346	342				
FR POLYNESIA								
TOTAL AREA	400	400	400	400				
LAND AREA	366	366	366	366				
ARAB&PERM CR	72F	75F	75F	75F				
ARABLE LAND	5F	5F	5F	5F				
PERM CROPS	67F	70F	70F	70F				
PERM PASTURE	20*	20*	20F	20F				
FOREST&WOODL	115*	115*	115F	115F				
OTHER LAND	159	156	156	156				
GUAM								
TOTAL AREA	55	55	55	55				
LAND AREA	55	55	55	55				
ARAB&PERM CR	12*	12*	12F	12F				
ARABLE LAND	6*	6	6F	6F				
PERM CROPS	6*	6*	6F	6F				
PERM PASTURE	8*	8*	8F	8F				
FOREST&WOODL	10	10*	10F	10F				
OTHER LAND	25	25	25	25				
KIRIBATI								
TOTAL AREA	71	71	71	71				
LAND AREA	71	71	71	71				
ARAB&PERM CR	36*	36*	36F	37F				
PERM CROPS	36*	36*	36F	37F				
FOREST&WOODL	2*	2*	2F	2F				
OTHER LAND	33	33	33	32				
NAURU								
TOTAL AREA	2	2	2	2				
LAND AREA	2	2	2	2				
OTHER LAND	2	2	2	2				

LAND USE	UTILISATION DES TERRES				USO DE TIERRAS				
	1000HA								
	1973	1978	1983	1988		1973	1978	1983	1988
AFRICA					DEV.PING ALL				
ARAB&PERM CR	142097	148374	151505	156239	PERM PASTURE	1951500	1948883	1953514	1961852
ARABLE LAND	126812	131822	134460	138914	FOREST&WOODL	2327183	2284265	2235836	2182342
PERM CROPS	15285	16552	17045	17325	OTHER LAND	2555846	2578799	2608427	2641405
PERM PASTURE	648031	647909	644086	642234					
FOREST&WOODL	671309	658091	644922	631620					
OTHER LAND	867357	874340	888201	898617					
LAT AMERICA									
TOTAL AREA	2053490	2053490	2053490	2053490					
LAND AREA	2017774	2017775	2017775	2017775					
ARAB&PERM CR	151893	164609	174938	179830					
ARABLE LAND	125983	136289	145016	149299					
PERM CROPS	25910	28320	29922	30531					
PERM PASTURE	539136	551639	561499	571973					
FOREST&WOODL	1036813	1013729	987865	961342					
OTHER LAND	289932	287798	293473	304629					
NEAR EAST									
TOTAL AREA	1208230	1208230	1208230	1208230					
LAND AREA	1192264	1192219	1192213	1192214					
ARAB&PERM CR	85129	82411	81097	82472					
ARABLE LAND	80290	77127	75621	76784					
PERM CROPS	4839	5284	5476	5688					
PERM PASTURE	267958	268279	268143	267390					
FOREST&WOODL	100173	97461	95850	94322					
OTHER LAND	739004	744068	747123	748030					
FAR EAST									
TOTAL AREA	856353	856353	856353	856353					
LAND AREA	808150	808121	808079	808098					
ARAB&PERM CR	258817	264863	267784	271414					
ARABLE LAND	238932	244835	247479	250595					
PERM CROPS	19881	20028	20305	20819					
PERM PASTURE	35729	35537	35340	35564					
FOREST&WOODL	310927	303987	294875	289339					
OTHER LAND	202677	203734	210081	211781					
OTH DV.PING									
TOTAL AREA	89460	89460	89460	89460					
LAND AREA	88302	88302	88302	88302					
ARAB&PERM CR	1116	1161	1212	1238					
ARABLE LAND	358	359	370	385					
PERM CROPS	758	801	841	852					
PERM PASTURE	770	774	776	782					
FOREST&WOODL	43345	43242	43139	43039					
OTHER LAND	43071	43125	43175	43243					
CENTR PLANND									
TOTAL AREA	3521800	3521800	3521800	3521800					
LAND AREA	3478640	3478617	3478591	3478499					
ARAB&PERM CR	392131	391739	390772	388129					
ARABLE LAND	381431	380515	379233	377057					
PERM CROPS	10700	11224	11539	11072					
PERM PASTURE	850821	834138	831806	830698					
FOREST&WOODL	1111410	1126258	1136302	1136935					
OTHER LAND	1124278	1126482	1119711	1122737					
ASIAN CPE									
TOTAL AREA	1179673	1179673	1179673	1179673					
LAND AREA	1151733	1151733	1151733	1151733					
ARAB&PERM CR	113436	113499	112504	110039					
ARABLE LAND	110111	109660	108165	105640					
PERM CROPS	3325	3839	4339	4399					
PERM PASTURE	459876	444745	443670	443909					
FOREST&WOODL	164616	167755	169185	162680					
OTHER LAND	413805	425734	426374	435105					
E EUR+USSR									
TOTAL AREA	2342127	2342127	2342127	2342127					
LAND AREA	2326907	2326884	2326858	2326766					
ARAB&PERM CR	278695	278240	278268	278090					
ARABLE LAND	271320	270855	271068	271417					
PERM CROPS	7375	7385	7200	6673					
PERM PASTURE	390945	389393	388136	386789					
FOREST&WOODL	946794	958503	967117	974255					
OTHER LAND	710473	700748	693337	687632					
DEV.PED ALL									
TOTAL AREA	5613576	5613610	5613620	5613624					
LAND AREA	5479569	5482539	5482516	5482420					
ARAB&PERM CR	665509	669743	672150	674194					
ARABLE LAND	642296	646309	648851	651786					
PERM CROPS	23213	23434	23299	22409					
PERM PASTURE	1271835	1253869	1252298	1250107					
FOREST&WOODL	1863105	1849574	1848840	1866699					
OTHER LAND	1679120	1709348	1709229	1691420					
DEV.PING ALL									
TOTAL AREA	7768848	7768848	7768848	7768845					
LAND AREA	7587017	7586864	7586816	7586833					
ARAB&PERM CR	752488	774917	789040	801232					
ARABLE LAND	682486	700092	711111	721618					
PERM CROPS	69998	74824	77928	79614					

Appendix 3 (i)

1. VOLUME OF PRODUCTION OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	ANNUAL RATE OF CHANGE 1978-88
.....THOUSAND METRIC TONS.....												PERCENT
AFRICA DEVELOPING												
AGRICULTURAL PRODUCTS												
TOTAL CEREALS	46269	45833	48896	46948	50634	46876	45857	58827	62525	55405	62738	3.11
WHEAT	4786	4655	5419	4391	5613	4590	4701	6643	7036	6297	6718	4.02
RICE PADDY	5790	5906	6240	6289	6530	6563	6698	7086	7424	7736	7589	2.97
BARLEY	3894	3769	4464	2857	4435	2882	3113	5522	5873	4078	5528	3.57
MAIZE	14788	13588	13222	15118	15242	14176	14349	17938	19302	15907	19181	3.09
MILLET AND SORGHUM	15602	16245	17857	16821	17076	17240	15809	20268	21415	20121	22325	3.22
ROOT CROPS	80827	81555	83340	86650	90634	88336	93186	98420	99713	94255	95800	2.07
POTATOES	3044	3125	3264	3278	3543	3710	3553	4350	4121	4357	4418	4.14
CASSAVA	45678	46024	47261	49850	52431	51736	54503	57610	57496	56997	57462	2.69
TOTAL PULSES	4632	5091	4789	4709	5209	5197	4542	5555	6405	5678	5919	2.51
CITRUS FRUIT	2702	2504	2619	2559	2512	2386	2566	2439	2760	2588	2844	4.31
BANANAS	3990	4164	4483	4602	4609	4587	4574	4812	5006	5150	5332	2.50
APPLES	61	64	73	81	82	83	103	118	125	131	133	8.84
VEGETABLE OILS,OIL EQUIV	3828	3646	3886	3766	3864	3771	3878	4045	4326	4377	4443	1.78
SOYBEANS	172	178	204	184	202	170	187	203	210	244	255	3.17
GROUNDNUTS IN SHELL	4000	3281	3412	3603	3659	3145	3405	3393	3899	4058	3986	9.61
SUNFLOWER SEED	157	150	140	134	137	139	155	170	178	211	202	3.64
RAPESEED	22	21	22	16	16	24	16	23	25	24	25	2.10
COTTONSEED	957	894	896	850	857	941	1056	1182	1305	1317	1467	5.34
COPRA	172	182	181	176	190	197	158	201	206	211	220	2.25
PALM KERNELS	537	649	700	682	670	578	640	673	680	647	704	1.07
SUGAR (CENTRIFUGAL,RAW)	3375	3499	3534	3761	3901	3984	3966	4001	4207	4224	4226	2.34
COFFEE GREEN	1064	1088	1161	1271	1194	1179	988	1188	1246	1239	1291	1.25
COCOA BEANS	902	1030	1026	1072	881	889	1066	1088	1089	1173	1288	2.49
TEA	202	197	186	195	208	218	224	258	254	254	267	3.69
COTTON LINT	512	486	503	468	487	543	611	667	718	773	824	5.50
JUTE AND SIMILAR FIBRES	8	8	8	8	9	9	9	9	9	9	9	.78
SISAL	175	156	168	146	142	124	119	105	101	96	97	-6.38
TOBACCO	224	259	275	214	234	253	296	276	274	297	273	2.08
NATURAL RUBBER	202	198	201	206	202	207	228	239	256	275	265	3.53
TOTAL MEAT	4340	4460	4584	4691	4856	4876	4852	5044	5144	5278	5433	2.10
TOTAL MILK	8474	8690	8722	8909	9306	9326	9009	9377	10178	10196	10442	2.04
TOTAL EGGS	571	611	644	674	732	796	815	877	940	968	1007	6.03
WOOL GREASY	69	70	73	76	82	95	89	98	97	102	105	4.70
FISHERY PRODUCTS 1/												
FRESHWATER + DIADROMOUS	1345	1322	1287	1264	1327	1399	1440	1399	1508	1548	1599	2.07
MARINE FISH	1567	1539	1557	1728	1684	1782	1698	1743	1911	1949	2014	2.61
CRUST+ MOLLUS+ CEPHALOP	76	73	95	116	131	183	181	180	197	201	204	11.93
AQUATIC ANIMALS	1	1	1	1			1	1	1	1	1	-2.23
AQUATIC PLANTS	5	5	5	5	5	5	5	5	5	5	5	-4.97
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	1316	1032	1286	1241	1339	1177	1267	1269	1304		1415	
SAWLOGS NONCONIFEROUS	15889	16418	17496	17339	16374	16046	16644	16697	16409		16116	
PULPWOOD+PARTICLES	2610	2171	2002	2008	2037	2109	2297	2380	2171		2205	
FUELWOOD	289849	297957	307661	316770	326821	336485	347129	357336	368509		379396	
SAWWOOD CONIFEROUS	461	494	508	570	584	531	549	528	530		588	
SAWWOOD NONCONIFEROUS	4354	4432	5194	5310	5089	4818	5117	5503	5598		5810	
WOOD-BASED PANELS	892	938	1122	1152	1226	1256	1293	1384	1456		1463	
PULP FOR PAPER	343	409	435	471	359	381	376	417	437		428	
PAPER+PAPERBOARD	281	344	378	399	396	414	443	534	588		601	

1/ NOMINAL CATCH (LIVE WEIGHT) EXCLUDING WHALES

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

1. VOLUME OF PRODUCTION OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	ANNUAL RATE OF CHANGE 1978-88
.....THOUSAND METRIC TONS.....												PERCENT
LATIN AMERICA												
AGRICULTURAL PRODUCTS												
TOTAL CEREALS	85470	84002	88481	104523	105221	99707	106934	110666	105368	111291	107795	2.71
WHEAT	14969	15103	14874	15202	22727	20110	21917	20208	21642	22336	19591	4.24
RICE PADDY	13588	14343	16427	15703	17545	14797	16998	17017	17588	18194	19244	2.79
BARLEY	1716	1330	1302	1262	1147	1161	1331	1260	1287	1440	1308	-1.84
MAIZE	40151	39751	45242	55311	47806	47095	50925	55817	52115	56284	55216	3.22
MILLET AND SORGHUM	13727	12281	9572	16059	14785	15083	14235	15203	11607	11744	11286	-1.66
ROOT CROPS	46453	45627	44032	46438	45747	41586	43785	44541	47276	46358	44881	-1.02
POTATOES	10903	10988	10355	11846	11751	10086	12149	11152	11422	11887	12707	1.18
CASSAVA	31579	30941	30195	31236	30532	28075	27871	29621	32071	30590	28409	-1.54
TOTAL PULSES	4725	4587	4318	5337	5482	4341	5165	5086	4924	4569	5715	1.07
CITRUS FRUIT	15492	16358	19220	20156	20740	20727	21622	23300	22390	22420	24318	3.99
BANANAS	16109	15764	16358	16506	16736	16138	17205	17210	17419	17593	17178	-1.97
APPLES	1475	1704	1702	1769	1816	1801	2177	2208	2060	2542	2720	5.47
VEGETABLE OILS, OIL EQUIV	5273	5865	6528	6363	6184	6632	7424	8655	8068	7546	9036	4.98
SOYBEANS	12927	15464	19814	20499	18655	20331	24445	27169	22252	26333	29936	7.07
GROUNDNUTS IN SHELL	1014	1389	1099	1012	867	799	890	953	850	958	875	-2.70
SUNFLOWER SEED	1722	1551	1757	1353	2068	2463	2268	3521	4484	2390	3015	8.87
RAPESEED	61	75	96	64	32	17	17	44	105	107	135	4.05
COTTONSEED	3218	3096	2956	2794	2447	2305	2968	3412	2737	2490	3345	-1.29
COPIRA	226	214	235	227	282	281	245	254	274	251	233	1.01
PALM KERNELS	298	327	328	314	308	289	295	312	332	339	347	.81
SUGAR (CENTRIFUGAL, RAW)	26909	26272	26394	27226	28896	28572	28799	28171	28439	27793	27935	.64
COFFEE GREEN	3096	3257	2981	4097	3175	3794	3403	3878	3165	4121	3423	1.45
COCOA BEANS	520	572	552	561	607	572	536	733	725	570	614	1.88
TEA	39	44	51	39	49	54	56	63	59	60	49	3.63
COTTON LINT	1808	1727	1651	1556	1354	1314	1686	1895	1476	1282	1778	-1.91
JUTE AND SIMILAR FIBRES	100	108	107	129	89	95	106	55	94	92	96	-1.49
SISAL	316	333	346	335	341	270	298	357	329	267	269	-1.68
TOBACCO	768	797	732	690	758	708	721	704	693	708	743	-1.74
NATURAL RUBBER	41	43	46	51	54	57	58	63	54	48	48	1.95
TOTAL MEAT	14485	14582	15081	15813	15820	15894	15447	15989	16203	16675	17096	1.45
TOTAL MILK	32777	33759	35455	35868	36610	36192	36692	37960	38421	40671	40795	2.02
TOTAL EGGS	2221	2429	2578	2620	2739	2712	2932	3135	3451	3493	3448	4.61
WOOL GREASY	298	301	306	314	317	324	320	295	313	314	315	.37
FISHERY PRODUCTS 1/												
FRESHWATER + DIADROMOUS	279	235	297	323	339	445	470	462	456	463	477	7.27
MARINE FISH	7994	9129	8605	9275	10339	8008	10757	12359	14697	15227	15852	7.24
CRUST+ MOLLUS+ CEPHALOP	576	630	539	532	570	602	656	667	670	703	725	2.60
AQUATIC ANIMALS	52	54	50	49	36	30	46	77	57	57	60	2.22
AQUATIC PLANTS	90	129	124	152	222	213	213	235	181	181	181	6.38
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	22958	26802	29294	28493	29037	30038	31452	32404	31784	31905		
SAWLOGS NONCONIFEROUS	23908	27100	30176	29789	29631	30049	30752	31084	32196	32427		
PULPWOOD+PARTICLES	19804	26641	29274	29135	29009	30748	31334	31609	31469	31650		
FUELWOOD	224078	230189	236483	240383	245294	251634	257782	263023	268538	273831		
SAWWOOD CONIFEROUS	11289	12149	11551	11498	11174	12064	12575	13022	12980	13397		
SAWWOOD NONCONIFEROUS	11531	12167	13717	14479	14006	14353	15073	14993	15470	15632		
WOOD-BASED PANELS	3514	3737	4283	4421	4341	4470	4610	4563	4802	4904		
PULP FOR PAPER	4134	4439	5408	5261	5566	6106	6192	6516	6805	6829		
PAPER+PAPERBOARD	6263	7026	7730	7451	7723	7962	8764	9093	9867	10418		

1/ NOMINAL CATCH (LIVE WEIGHT) EXCLUDING WHALES

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

1. VOLUME OF PRODUCTION OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	ANNUAL RATE OF CHANGE 1978-88
THOUSAND METRIC TONS												PERCENT
NEAR EAST DEVELOPING												
AGRICULTURAL PRODUCTS												
TOTAL CEREALS	54562	53834	56010	59613	58520	55831	55778	63015	66931	65666	74665	2.73
WHEAT	30312	30726	30952	32205	32547	30993	31562	33943	37362	38208	41239	2.81
RICE PADDY	4807	4739	4705	4862	5036	4565	4597	4987	5171	5205	4889	.64
BARLEY	8177	8234	9573	10471	10587	10146	10283	11593	12445	11647	15132	5.06
MAIZE	5497	5309	5546	5536	5721	6004	6221	6662	6307	7108	6847	2.86
MILLET AND SORGHUM	4557	3625	4161	5503	3733	3296	2325	5048	4698	2722	5915	
ROOT CROPS	5880	6497	7217	7503	7773	7747	8158	9533	9604	10031	9798	5.29
POTATOES	5473	6008	6756	7039	7279	7282	7721	9079	9179	9581	9354	5.64
CASSAVA	103	127	122	125	125	125	100	90	80	80	65	-5.56
TOTAL PULSES	1732	1685	1856	1917	2282	2474	2338	2609	3095	3379	3551	8.08
CITRUS FRUIT	3306	3597	3454	3536	4119	4275	4171	3881	4492	4449	4355	2.57
BANANAS	270	260	291	312	353	358	369	424	442	453	460	6.42
APPLES	1850	2359	2539	2513	2966	3212	3539	3337	3237	3033	3331	5.05
VEGETABLE OILS, OIL EQUIV	1549	1396	1668	1339	1549	1320	1421	1342	1608	1582	1631	.52
SOYBEANS	197	195	145	209	319	340	301	357	425	476	505	12.04
GROUNDNUTS IN SHELL	923	977	814	840	610	524	455	397	450	577	586	-6.63
SUNFLOWER SEED	524	634	794	630	652	763	755	845	1004	1162	1027	6.80
RAPESEED	13	43	12	6	2							-41.53
COTTONSEED	2475	2332	2284	2222	2331	2467	2575	2512	2331	2280	2214	-1.22
SUGAR (CENTRIFUGAL, RAW)	2512	2587	2492	3104	3748	3802	3702	3658	3753	4076	3754	5.01
COFFEE GREEN	5	5	5	5	4	4	5	5	5	5	6	1.78
TEA	113	133	128	76	103	137	154	177	184	272	193	8.25
COTTON LINT	1443	1372	1360	1328	1389	1442	1493	1473	1366	1326	1326	-1.21
JUTE AND SIMILAR FIBRES	13	13	13	13	13	13	13	14	14	14	14	.95
TOBACCO	343	274	295	238	277	303	245	231	225	247	248	-2.73
TOTAL MEAT	3207	3310	3510	3739	3982	4093	4333	4522	4694	4729	4873	4.51
TOTAL MILK	14497	15169	15744	16454	16608	16826	16131	17247	17245	17243	17190	1.56
TOTAL EGGS	758	709	744	839	906	966	1031	1096	1171	1158	1187	5.83
WOOL GREASY	156	162	166	173	176	183	169	181	182	185	187	1.62
FISHERY PRODUCTS 1/												
FRESHWATER + DIADROMOUS	140	161	174	176	185	197	207	202	209	215	220	4.04
MARINE FISH	557	699	772	811	879	965	974	992	1024	981	1030	5.40
CRUST+ MOLLUS+ CEPHALOP	28	36	47	36	39	41	50	46	49	45	48	4.01
AQUATIC MAMMALS	2	2	3	1								
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	5216	4718	4964	5218	5214	4190	4150	4059	3833	3792		
SAWLOGS NONCONIFEROUS	1859	1523	1315	1366	1366	1371	1353	1340	1336	1317		
PULPWOOD+PARTICLES	1003	1043	672	714	712	765	513	380	382	379		
FUELWOOD	37827	40679	41839	41021	41561	42055	41254	38633	39631	40491		
SAWWOOD CONIFEROUS	4104	4114	4127	4107	4101	3787	3794	3792	3791	3791		
SAWWOOD NONCONIFEROUS	1146	1146	1139	1121	917	1142	1719	1725	1722	1722		
WOOD-BASED PANELS	797	797	652	629	623	654	888	978	979	980		
PULP FOR PAPER	273	463	494	487	487	517	588	588	588	588		
PAPER+PAPERBOARD	560	737	774	832	821	674	808	763	762	781		

1/ NOMINAL CATCH (LIVE WEIGHT) EXCLUDING WHALES

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

1. VOLUME OF PRODUCTION OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	ANNUAL RATE OF CHANGE 1978-88
.....THOUSAND METRIC TONS.....												PERCENT
FAR EAST DEVELOPING												
AGRICULTURAL PRODUCTS												
TOTAL CEREALS	267447	250759	273696	290003	276050	316883	318759	323521	325294	310907	339312	2.70
WHEAT	41013	46459	44140	49540	50449	57213	58446	57939	62826	59599	59298	4.04
RICE PADDY	181435	162613	186944	193463	184162	209043	211373	222098	217244	208914	230384	2.82
BARLEY	3819	3819	2592	3366	2937	2901	2810	2292	2581	2412	2675	-3.96
MAIZE	17940	17060	19227	20325	18141	22257	23664	22251	24334	20466	26392	3.53
MILLET AND SORGHUM	23155	20725	20705	23226	20268	25390	22382	18857	18226	19420	20470	-1.42
ROOT CROPS	56888	54855	58099	60249	59060	59480	65564	65232	56998	63009	68133	1.52
POTATOES	10312	12459	10921	12424	12822	12994	15348	16046	13926	16053	16687	4.50
CASSAVA	38236	33911	39443	40179	39066	38945	42714	41856	36238	40263	44477	1.24
TOTAL PULSES	13987	13772	11241	12948	13478	14883	15140	15120	16614	14112	14456	1.72
CITRUS FRUIT	3074	3325	3717	4268	4317	4652	4718	4685	4677	4826	4914	4.46
BANANAS	10576	10705	11356	11930	11572	11532	12368	12427	12091	11779	11764	1.14
APPLES	1070	1208	1179	1462	1586	1684	1660	1692	1667	1583	1832	4.79
VEGETABLE OILS, OIL EQUIV	11357	11632	11807	13627	14173	13918	15504	16437	16957	16709	18358	5.03
SOYBEANS	1353	1387	1484	1423	1423	1602	2238	2502	2752	2715	3356	10.18
GROUNDNUTS IN SHELL	7712	7159	6440	8790	6976	8372	8135	7268	7577	7325	9081	1.07
SUNFLOWER SEED	154	114	41	91	236	345	513	504	516	709	505	25.57
RAPESEED	2042	2268	1820	2705	2764	2583	2565	3456	3072	2545	3708	5.76
COTTONSEED	3747	4229	4214	4423	4407	3345	5073	5590	5161	5291	5981	4.13
COPRA	4012	3433	3636	3833	3924	3807	2962	3518	4528	4238	3740	.70
PALM KERNELS	465	600	691	739	1087	1026	1302	1487	1652	1666	1900	14.53
SUGAR (CENTRIFUGAL, RAW)	13511	12840	9660	12013	17963	15855	13543	14165	14113	16484	17559	3.35
COFFEE GREEN	496	532	607	622	655	638	596	694	675	728	735	3.39
COCOA BEANS	33	44	54	71	97	111	132	146	185	243	280	23.30
TEA	897	890	911	923	887	919	999	1065	1018	1084	1114	2.40
COTTON LINT	1873	2114	2007	2195	2204	1673	2537	2795	2580	2643	2993	4.28
JUTE AND SIMILAR FIBRES	3165	2950	2792	2743	2484	2711	2605	4039	3137	2289	2241	-1.42
TOBACCO	1059	1002	950	990	1084	1135	1076	1097	1056	1024	859	-1.35
NATURAL RUBBER	3331	3431	3415	3346	3342	3612	3656	3790	3552	4033	4201	2.38
TOTAL MEAT	5040	5483	5719	5902	6047	6453	6764	7016	7245	7515	7688	4.21
TOTAL MILK	40583	41878	43546	45235	47365	52178	55780	57435	60276	62985	66261	5.32
TOTAL EGGS	1757	1890	2038	2117	2264	2414	2486	2662	2837	2986	3125	5.85
WOOL GREASY	71	75	80	77	80	83	86	90	94	92	88	2.49
FISHERY PRODUCTS 1/												
FRESHWATER + DIADROMOUS	2364	2405	2536	2818	2777	3023	3123	3133	3338	3430	3556	4.28
MARINE FISH	7947	7859	7789	8232	8198	8762	9064	9195	9962	9839	10122	2.92
CRUST+ MOLLUS+ CEPHALOP	1801	1972	2087	2140	2204	2210	2299	2434	2544	2569	2651	3.59
AQUATIC ANIMALS	84	77	24	55	132	249	60	90	139	127	135	9.27
AQUATIC PLANTS	352	372	442	538	477	534	586	638	737	773	817	8.75
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	2920	3629	3380	3461	3523	3743	3751	3867	3866	3870		
SAWLOGS NONCONIFEROUS	80554	78791	81434	78401	79735	82966	83444	77696	82904	86200		
PULPWOOD+PARTICLES	3367	3388	3436	3168	3123	3430	3433	2789	2769	2765		
FUELWOOD	447785	457012	467007	476442	485919	496173	505949	514974	524364	533984		
SAWNWOOD CONIFEROUS	3006	3454	3148	3854	4012	4580	4220	4402	4999	5368		
SAWNWOOD NONCONIFEROUS	23533	23401	26184	25388	28810	30287	30472	31642	31912	34906		
WOOD-BASED PANELS	5859	6057	5654	6281	7174	8223	8425	9153	10095	11483		
PULP FOR PAPER	1647	1832	2055	2630	2768	3121	3305	3483	3549	3583		
PAPER+PAPERBOARD	3346	3764	3845	4211	4233	4704	5211	5351	6158	7028		

1/ NOMINAL CATCH (LIVE WEIGHT) EXCLUDING WHALES

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

1. VOLUME OF PRODUCTION OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	ANNUAL RATE OF CHANGE 1978-88
.....THOUSAND METRIC TONS.....												PERCENT
ASIAN CENT PLANNED ECON												
AGRICULTURAL PRODUCTS												
TOTAL CEREALS	293700	313601	303114	310120	341362	373213	394945	370257	382841	391955	384148	3.17
WHEAT	54471	63333	55823	60338	69362	82589	88918	87226	91497	89118	89020	5.88
RICE PADDY	156372	163368	161102	165905	185667	193908	204239	195191	198793	200116	197115	2.78
BARLEY	3809	4035	3125	3533	3678	3509	3887	3382	3266	3527	3770	-1.44
MAIZE	58522	62634	65434	62070	63491	71401	76815	67411	74546	83683	77450	3.05
MILLET AND SORGHUM	15218	14412	12859	13055	14226	16587	15488	12439	10810	10883	12446	-2.39
ROOT CROPS	172452	156236	158121	143638	147960	159003	155674	143286	140139	154449	148826	-1.99
POTATOES	30751	27906	28342	26875	27823	29821	30347	28946	27379	30642	32015	.64
CASSAVA	6378	6613	6925	6969	6444	6670	6863	6758	6650	6401	6520	-1.13
TOTAL PULSES	6908	7131	7169	6879	6773	6492	6833	6319	5949	5868	6228	-1.82
CITRUS FRUIT	961	1163	1353	1470	1682	2069	2252	2654	3388	4204	5020	17.39
BANANAS	1015	1128	1235	1281	1479	1585	1787	2222	2902	3764	4360	15.62
APPLES	2723	3331	2843	3501	2941	4083	3515	4208	3953	4904	5641	6.30
VEGETABLE OILS, OIL EQUIV	4630	5066	5691	7065	7709	7779	8826	9588	9258	9932	9141	7.84
SOYBEANS	7957	7844	8339	9748	9480	10214	10173	11025	12157	12735	11488	4.85
GROUNDNUTS IN SHELL	2568	2994	3788	4021	4119	4146	5072	7033	6256	6571	6157	9.87
SUNFLOWER SEED	279	340	910	1332	1286	1341	1705	1733	1544	1241	1425	15.38
RAPESEED	1871	2404	2386	4067	5657	4288	4206	5607	5882	6605	5500	12.02
COTTONSEED	4347	4424	5422	5845	7207	9286	12529	8310	7099	8913	8156	7.52
COPRA	46	61	64	65	70	98	112	115	119	117	127	10.62
PALM KERNELS	42	43	40	41	45	47	46	48	49	50	52	2.39
SUGAR (CENTRIFUGAL, RAW)	3303	3690	3840	4486	5176	4841	5744	6726	6872	5789	6640	7.50
COFFEE GREEN	14	14	16	21	19	20	22	28	35	38	41	11.97
TEA	313	325	350	389	444	449	463	484	514	567	591	6.60
COTTON LINT	2173	2212	2711	2973	3603	4643	6265	4155	3550	4257	4078	7.35
JUTE AND SIMILAR FIBRES	578	574	584	665	570	564	800	2130	758	623	643	4.00
SISAL	9	8	8	3	3	3	3	2	3	3	3	-11.47
TOBACCO	1338	1026	994	1591	2279	1485	1509	2553	1832	2073	2466	8.01
NATURAL RUBBER	166	162	164	177	204	232	249	262	288	323	326	8.35
TOTAL MEAT	11874	14189	15717	16538	17680	18509	20160	22636	24253	25366	26483	7.93
TOTAL MILK	3232	3376	3579	3759	4168	4467	4930	5356	5884	6475	7060	8.41
TOTAL EGGS	2840	2988	3151	3258	3472	3756	4771	5815	6036	6418	7034	10.54
WOOL GREASY	157	174	196	210	223	214	202	197	204	227	234	2.72
FISHERY PRODUCTS 1/												
FRESHWATER + DIADROMOUS	1376	1468	1605	1785	1978	2289	2724	3430	3829	4093	4419	13.75
MARINE FISH	4532	4327	4466	4512	4752	4762	5046	5175	5712	5846	6021	3.42
CRUST+ MOLLUS+ CEPHALOP	1237	1122	1144	1152	1338	1435	1580	1727	2002	2079	2191	7.52
AQUATIC MAMMALS	1	1	1	1	1	1	1					-13.05
AQUATIC ANIMALS	4	14	10	19	19	20	20	22	28	29	31	16.09
AQUATIC PLANTS	1606	1519	1601	1399	1419	1535	1675	1726	1358	1364	1369	-1.03
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	29311	30973	30984	27923	28442	29419	33965	34591	35011	34977		
SAWLOGS NONCONIFEROUS	19005	20031	19665	18473	18779	19383	22283	22670	22957	22916		
PULPWOOD+PARTICLES	4647	4991	5172	4652	4786	4981	5690	6610	6921	6888		
FUELWOOD	176538	179956	183467	187081	190792	194587	198435	202366	206398	210513		
SAWNWOOD CONIFEROUS	12745	13318	13887	14511	15162	15695	17410	18270	17819	17788		
SAWNWOOD NONCONIFEROUS	7728	8025	8323	8652	9019	9291	9432	9898	9653	9637		
WOOD-BASED PANELS	2023	2328	2320	2475	2523	2709	2524	2599	2881	3251		
PULP FOR PAPER	4293	4697	4930	4967	4940	5412	5974	7229	7511	8149		
PAPER+PAPERBOARD	5249	6392	6942	7017	7581	8466	9629	11275	12024	13146		

1/ NOMINAL CATCH (LIVE WEIGHT) EXCLUDING WHALES

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

4. VOLUME OF EXPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
AFRICA DEVELOPING												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR, WHEAT EQUIV.	20	46	31	17	19	23	9	8	3	3	3	-24.45
RICE MILLED	46	13	12	22	18	14	8	5	5	13	5	-15.04
BARLEY	1		2									
MAIZE	434	652	365	70	245	380	782	262	394	780	753	7.08
MILLET	13	31	78	46	41	6	1	2	2			
SORGHUM			53	12	3	15	25	30	13	2	14	26.20
POTATOES	82	58	50	55	36	30	49	83	60	83	69	1.57
SUGAR, TOTAL (RAW EQUIV.)	1468	1296	1658	1586	1490	1683	1683	1569	1618	1799	1789	2.14
PULSES	261	150	149	220	127	166	190	123	70	122	154	-5.73
SOYBEANS	13	36	1	1	1		1		3		1	-25.62
SOYBEAN OIL	1	2	1									
GROUNDNUTS SHELLED BASIS	192	64	82	86	36	56	91	57	45	55	63	-6.85
GROUNDNUT OIL	258	94	160	92	38	162	206	105	49	91	124	-4.79
COPRA	55	52	45	32	22	20	15	12	20	13	16	-14.03
COCONUT OIL	6	9	14	15	18	21	21	30	32	35	31	17.39
PALM NUTS KERNELS	239	152	123	140	107	97	87	99	51	87	99	-8.86
PALM OIL	118	96	64	140	85	84	70	75	52	138	160	2.43
OILSEED CAKE AND MEAL	712	457	667	480	362	493	480	333	396	451	466	-3.74
BANANAS	308	344	292	243	205	187	153	216	211	185	172	-5.82
ORANGES+TANGER+CLEMEN	743	878	679	855	715	662	594	582	640	657	585	-3.05
LEMONS AND LIMES	1	2	2	1	1	2	7	6	7	2	3	14.04
COFFEE GREEN+ROASTED	877	925	1006	895	972	1055	941	893	992	1012	865	.19
COCOA BEANS	691	778	601	757	976	827	783	894	832	964	885	2.93
TEA	165	182	197	180	169	190	200	194	228	228	236	3.15
COTTON LINT	300	312	332	336	342	296	321	340	401	451	445	4.00
JUTE AND SIMILAR FIBRES			1									
TOBACCO UNMANUFACTURED	129	139	132	172	189	148	144	172	173	175	179	2.85
NATURAL RUBBER	153	145	142	138	146	151	156	186	186	203	219	4.29
WOOL GREASY	4	4	3	4	4	4	4	5	3	2	1	-8.41
BOVINE CATTLE 1/	1105	1181	1271	1415	1461	1461	1196	1186	978	877	921	-3.04
SHEEP AND GOATS 1/	2461	3066	3055	3652	3419	3580	3007	2494	3550	2869	2676	-2.26
PIGS 1/	2	1	1	1			1					
TOTAL MEAT	118	99	97	47	44	45	49	53	45	25	24	-13.16
MILK DRY		2	4									-18.23
TOTAL EGGS IN SHELL	1			1				2	1			-13.41
FISHERY PRODUCTS												
FISH FRESH FROZEN	83	128	117	113	144	154	146	164	187	171	171	6.51
FISH CURED	14	12	12	13	11	12	9	10	10	10	10	-2.99
SHELLFISH	43	48	34	34	74	76	130	135	140	152	152	18.34
FISH CANNED AND PREPARED	69	62	77	79	94	82	101	100	105	104	104	5.20
FISH BODY AND LIVER OIL	6	6	7	4	10	1	8	5		4	4	14.44
FISH MEAL	13	31	24	20	22	6	15	9	7	3	3	18.82
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	2	2	2									
SAWLOGS NONCONIFEROUS	6434	6211	6175	5971	4599	4723	4547	5076	4217	3680	3594	-5.73
PULPWOOD+PARTICLE	100	75	112	84	173	173	173	173	173	173	173	8.41
FUELWOOD	51	51	51	5				28				
SAWWOOD CONIFEROUS	119	116	126	108	94	81	79	82	77	80	80	-5.03
SAWWOOD NONCONIFEROUS	662	706	680	611	520	554	598	681	794	779	834	2.04
WOOD-BASED PANELS	241	261	236	272	283	264	287	299	306	285	276	1.85
PULP FOR PAPER	173	218	240	240	229	192	202	252	244	244	244	2.03
PAPER AND PAPERBOARD	19	16	24	21	20	9	8	12	11	5	5	-13.98

1/ THOUSAND HEAD

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

4. VOLUME OF EXPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
LATIN AMERICA												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR, WHEAT EQUIV.	6095	1833	4427	4620	3963	4042	10410	7491	9762	4126	4301	5.42
RICE MILLED	999	732	573	548	638	512	514	530	559	543	424	-5.18
BARLEY	130	18	58	72	32	24	59	95	86	46	32	-7.79
MAIZE	6864	5927	5990	3556	9198	5837	7321	5733	7129	7418	3969	-5.54
MILLET	172	196	139	63	136	101	96	57	93	32	53	-12.62
SORGHUM	4295	4625	3899	1545	5075	5369	5332	4252	3332	1960	1030	-7.83
POTATOES	106	67	77	61	45	44	32	50	55	68	55	-4.39
SUGAR, TOTAL (RAW EQUIV.)	13050	12429	12726	12025	12702	13052	12942	12815	12307	11386	11251	-0.95
PULSES	424	464	395	340	287	279	356	410	350	386	358	-1.23
SOYBEANS	3441	2845	3814	4493	3909	2877	3270	5170	7171	4463	5261	5.53
SOYBEAN OIL	544	570	609	840	1355	1024	1369	1413	1510	1101	1720	11.69
GROUNDNUTS SHELLED BASIS	53	52	97	98	86	61	101	104	138	138	121	8.93
GROUNDNUT OIL	181	155	209	207	80	113	104	57	109	50	101	-10.16
COPRA			2			5			1			-2.57
COCONUT OIL	5	9	8	4	5	6	6	17	4	5	5	-0.96
PALM NUTS KERNELS	3	9	7	5	1	4	4	3	2			-42.75
PALM OIL	3	4	5	3	7	15	17	30	39	36	32	33.85
Oilseed cake and meal	7354	7676	7497	8891	10912	10498	12344	12164	13503	12697	13528	7.13
BANANAS	5231	5520	5366	5358	5471	5652	5082	5460	5387	5862	6071	0.88
ORANGES+TANGER+CLEMEN	224	269	312	306	316	383	419	409	479	502	503	8.21
LEMONS AND LIMES	29	47	74	53	51	34	56	64	154	101	113	11.96
COFFEE GREEN+ROASTED	1547	1960	2179	2232	2148	2258	2426	2532	2625	2112	2707	3.73
COCOA BEANS	167	211	226	183	201	241	229	211	296	231	255	2.85
TEA	34	41	39	44	35	43	54	54	53	49	39	2.98
COTTON LINT	685	903	733	636	600	599	510	481	637	373	449	-6.01
JUTE AND SIMILAR FIBRES		1	2	2		1		1	2			
TOBACCO UNMANUFACTURED	238	274	276	255	271	273	274	290	304	273	262	0.92
NATURAL RUBBER	5	6	4	3	2	3	3	2	3	5	3	-4.47
WOOL GREASY	108	107	80	105	125	108	88	79	67	78	79	-3.80
BOVINE CATTLE 1/	583	1551	1277	754	716	962	722	442	562	1039	991	-4.52
SHEEP AND GOATS 1/	112	125	98	65	312	195	634	461	16	68	64	-5.50
PIGS 1/	31	24	16	1			10	4	6	50		-12.66
TOTAL MEAT	779	840	816	739	993	1028	988	796	826	789	614	-1.14
MILK DRY	18	10	4	4	11	19	17	2	1	2	1	-22.45
TOTAL EGGS IN SHELL	3	2	4	12	14	6	3	4	6	8	5	5.06
FISHERY PRODUCTS												
FISH FRESH FROZEN	303	346	362	418	374	410	384	369	485	414	396	2.49
FISH CURED	7	4	6	8	5	5	5	5	5	5	5	-0.98
SHELLFISH	99	144	168	136	124	164	173	177	173	171	174	4.14
FISH CANNED AND PREPARED	48	79	81	143	170	95	55	65	49	72	77	-1.98
SHELLFISH CANNED+PREPAR	5	2	5	4	6	4	6	7	7	8	7	8.00
FISH BODY AND LIVER OIL	46	71	108	103	76	137	25	139	207	187	180	11.71
FISH MEAL	740	830	1020	1052	962	1495	1022	1292	1901	1962	1875	9.95
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	167	689	968	1029	377	906	1024	902	1271	1162	1271	13.36
SAWLOGS NONCONIFEROUS	49	60	86	114	65	54	55	68	47	32	34	-6.34
PULPWOOD+PARTICLE	53									323	1346	
FUELWOOD	106	152	214	167	71	23	57	10	7	6	6	-32.30
SAWWOOD CONIFEROUS	1429	1477	1678	1718	1319	1102	1172	1217	1004	1153	1433	-2.98
SAWWOOD NONCONIFEROUS	838	727	1121	1130	994	892	451	911	894	774	854	-0.83
WOOD-BASED PANELS	374	487	488	625	606	608	584	650	651	647	713	4.90
PULP FOR PAPER	443	715	1024	1318	1374	1302	1566	1532	1515	1511	1408	9.90
PAPER AND PAPERBOARD	226	276	351	398	497	404	651	939	778	920	826	15.31

1/ THOUSAND HEAD

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

4. VOLUME OF EXPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
NEAR EAST DEVELOPING												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR,WHEAT EQUIV.	640	2131	877	540	649	709	1143	1038	783	467	1199	-1.26
RICE MILLED	276	223	211	259	159	59	78	108	32	61	148	-13.86
BARLEY	302	50	88	229	424	1026	661	319	97	5	19	-18.02
MAIZE	8	43	111	155	40	53	10	6	12	7	13	-16.12
MILLET	3	4	2	2	3	8	2	4		2	2	-9.96
SORGHUM	137	66	196	286	256	423	186	25		30	543	
POTATOES	438	291	314	453	393	463	456	511	355	380	391	1.15
SUGAR,TOTAL (RAW EQUIV.)	64	55	37	45	71	224	318	592	330	15	84	8.85
PULSES	176	256	303	299	500	573	658	609	387	559	782	12.54
SOYBEAN OIL				3	5	16	11	11	5	1		42.61
GROUNDNUTS SHELLED BASIS	175	111	52	51	108	101	24	31	19	6	13	-24.03
GROUNDNUT OIL	26	35	16	33	16	18	2	12	3	2	7	-21.36
COCONUT OIL	1				1							-15.46
PALM OIL						1						
DIASEED CAKE AND MEAL	252	225	214	261	145	105	104	122	29	74	115	-13.70
BANANAS	5	4	7	19	20	11	9	12	13	12	12	8.45
ORANGES+TANGER+CLEMEN	721	609	589	591	698	637	617	611	558	464	489	-2.51
LEMONS AND LIMES	124	135	142	191	190	191	202	199	137	148	160	1.54
COFFEE GREEN+ROASTED	3	3	3	2	6	5	6	9	4	4	4	6.26
TEA	7	10	16	15	17	5	4	3	4	2	2	-15.27
COTTON LINT	710	768	669	608	532	584	623	648	488	611	405	-3.50
TOBACCO UNMANUFACTURED	71	84	77	94	138	110	75	72	105	85	109	1.86
NATURAL RUBBER										1		77.14
WOOL GREASY	12	9	8	7	3	6	6	5	5	9	10	-1.63
BOVINE CATTLE 1/	16	12	21	13	60	112	77	51	18	12	5	-2.42
SHEEP AND GOATS 1/	680	1209	1421	2026	2858	3505	3710	3866	3353	3919	3670	16.59
PIGS 1/	1	1	3									
TOTAL MEAT	11	15	15	22	74	96	81	97	70	67	55	21.74
MILK DRY						1	1	1	1	1	1	44.50
TOTAL EGGS IN SHELL	3	7	10	13	17	26	41	72	76	48	47	32.72
FISHERY PRODUCTS												
FISH FRESH FROZEN	3	6	17	15	28	27	28	31	29	30	30	21.15
FISH CURED	3	1	1	1	1	1	1	1	1	1	1	-3.27
SHELLFISH	13	8	9	10	5	7	7	8	9	9	9	-1.42
FISH CANNED AND PREPARED	2	4	5	8	3	2	1	1	1	1	1	-15.12
SHELLFISH CANNED+PREPAR	3	1	2	3	4	5	7	8	5	7	7	15.62
FISH BODY AND LIVER OIL	1				1	1	2	9	7	5	5	61.72
FISH MEAL				1				1				
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS		1	1	1	2	7	11	20	15	24	23	60.01
SAWLOGS NONCONIFEROUS	9	5	3	4	36	36	35	100	76	24	23	28.59
FUELWOOD	31	22	20	31	24	16	24	11	11	11	11	-9.38
SAWWOOD CONIFEROUS	69	60	103	84	96	94	126	107	82	48	42	-2.95
SAWWOOD NONCONIFEROUS	1		2	3	6	12	7	8	5	8	4	26.64
WOOD-BASED PANELS	26	26	24	19	19	24	27	19	19	19	18	-2.91
PAPER AND PAPERBOARD	11	10	16	21	35	35	41	71	56	65	65	23.72

1/ THOUSAND HEAD

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES.

4. VOLUME OF EXPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
FAR EAST DEVELOPING												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR,WHEAT EQUIV.	264	967	801	510	295	157	250	359	534	181	419	-5.73
RICE MILLED	4732	3031	4965	5331	6033	6050	5525	7018	5823	6865	6687	5.55
BARLEY	39	13	73	259	275	907	250	1655	133	2	1	-18.18
MAIZE	1767	2198	2146	2342	2721	3030	2861	3474	2915	4101	1782	3.98
MILLET	8	1	6	2	2	1	2	2	1	2	1	-10.85
SORGHUM	138	166	170	208	288	317	248	327	334	268	147	4.65
POTATOES	73	55	99	106	72	69	61	60	94	99	96	2.08
SUGAR,TOTAL (RAW EQUIV.)	4511	2822	3269	2722	2930	4093	3580	2970	2958	2692	2790	-2.26
PULSES	181	245	291	312	338	379	345	337	490	570	432	8.99
SOYBEANS	47	30	27	27	27	27	33	34	29	38	38	.68
SOYBEAN OIL	4	7	6	27	32	49	78	89	45	57	189	39.84
GROUNDNUTS SHELLED BASIS	69	24	40	55	113	106	89	66	70	90	95	8.23
GROUNDNUT OIL	5	6	16	5	5	6	28	8	10	10	10	5.74
COPRA	683	445	193	234	172	232	75	72	156	194	157	-12.33
COCONUT OIL	845	1112	976	1061	1192	1064	1144	779	1045	1448	1255	2.37
PALM NUTS KERNELS	30	13	23	45	24	15	14	13	25	5	3	-15.68
PALM OIL	2067	2168	2638	3303	2963	3487	3705	3951	4811	5755	5275	10.49
OILSEED CAKE AND MEAL	2871	2562	3291	3054	3091	3220	3553	2876	3150	3912	3459	2.37
BANANAS	738	832	920	971	922	582	683	841	826	852	816	-1.12
ORANGES+TANGER+CLEMEN	113	65	89	78	50	62	75	74	66	65	66	-2.52
LEMONS AND LIMES		1	2	1	7	2	2	2	3	2	2	17.53
COFFEE GREEN+ROASTED	267	339	335	370	371	403	405	482	512	552	491	6.46
COCOA BEANS	18	24	32	41	65	88	91	121	142	177	246	28.56
TEA	499	459	445	539	546	488	475	554	558	541	542	1.52
COTTON LINT	56	128	133	396	415	329	410	205	388	821	944	23.72
JUTE AND SIMILAR FIBRES	545	466	520	465	514	451	457	432	292	435	425	-3.16
TOBACCO UNMANUFACTURED	232	224	212	198	259	238	202	153	173	163	136	-4.32
NATURAL RUBBER	3027	3080	3179	3101	2924	2886	3205	3346	3344	3378	3735	1.66
WOOL GREASY		1			1	1			1	5	2	15.42
BOVINE CATTLE 1/	98	78	66	60	36	39	76	40	58	54	53	-4.38
SHEEP AND GOATS 1/	215	70	100	120	60	26	155	241	236	270	264	10.87
PIGS 1/	11	15	19	18	24	130	160	113	222	329	452	48.97
TOTAL MEAT	60	68	95	90	103	127	97	107	116	154	175	9.00
MILK DRY	5	7	10	13	10	10	10	10	13	19	26	11.74
TOTAL EGGS IN SHELL	10	6	5	5	11	8	6	16	18	18	25	14.13
FISHERY PRODUCTS												
FISH FRESH FROZEN	561	579	586	624	581	496	591	518	597	768	795	2.37
FISH CURED	26	30	27	28	27	29	28	36	38	39	42	4.62
SHELLFISH	293	317	362	314	329	379	385	448	474	548	589	6.91
FISH CANNED AND PREPARED	37	49	47	55	80	100	113	144	177	261	280	23.26
SHELLFISH CANNED+PREPAR	32	35	35	50	55	61	68	73	77	91	100	12.37
FISH BODY AND LIVER OIL	1	3	2	2	1	1	1	2	2	2	3	1.38
FISH MEAL	117	141	164	153	151	141	153	155	160	193	195	3.47
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	394	270	396	327	291	127	109	107	38	38	11	-27.92
SAWLOGS NONCONIFEROUS	37017	38457	35843	31534	24005	24286	23128	19372	20789	19848	23406	-6.66
PULPWOOD+PARTICLE	1033	860	736	1003	1033	909	1005	643	728	580	891	-2.92
FUELWOOD	841	731	799	1181	1164	1086	1229	1146	1108	871	890	1.80
SAWWOOD CONIFEROUS	258	425	481	410	254	197	138	186	214	270	336	-4.55
SAWWOOD NONCONIFEROUS	5374	5463	7236	6415	5511	5838	7003	6469	6239	7043	8521	2.89
WOOD-BASED PANELS	3198	3342	3159	2933	3590	3428	4772	5274	5847	6725	8040	10.23
PULP FOR PAPER	2	2	6	6	10	8	9	15	13	13	13	20.70
PAPER AND PAPERBOARD	139	154	153	298	309	228	223	249	326	538	763	14.72

1/ THOUSAND HEAD

2/ SAWLOGS AND SAWWOOD AND PAPERBOARD ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

4. VOLUME OF EXPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
THOUSAND METRIC TONS.....												PERCENT
ASIAN CENT PLANNED ECON												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR,WHEAT EQUIV.	6	8	9	4	9	6	67	75	19	124	39	31.79
RICE MILLED	1488	2096	1836	1637	948	994	1279	1536	1246	1326	1441	-2.68
BARLEY		1	2	1			7		58	34	30	
MAIZE	356	230	240	104	141	96	92	1043	6388	5656	3944	42.37
MILLET	37	30	20	5	1	2	2	2	5	9	5	-16.77
SORGHUM			10	1		3	4	4	564	752	186	
POTATOES	53	62	81	77	80	89	78	72	61	52	48	-1.91
SUGAR,TOTAL (RAW EQUIV.)	777	493	514	657	440	463	258	189	405	463	505	-5.43
PULSES	89	76	90	71	111	103	134	159	188	598	441	20.23
SOYBEANS	130	113	306	140	139	160	367	843	1144	1368	1730	33.10
SOYBEAN OIL	2	6	4	4		1	2	5	1	1	3	-1.56
GROUNDNUTS SHELLLED BASIS	25	30	49	84	250	136	201	180	201	305	307	28.11
GROUNDNUT OIL	5	13	18	21	57	55	72	35	57	108	70	27.22
COPRA						1	2	2	11	5	10	
COCONUT OIL							4	4	7	3	1	
PALM NUTS KERNELS						1			1	2		
OILSEED CAKE AND MEAL	30	31	49	87	208	339	1135	556	1310	3155	2539	65.07
BANANAS	140	101	117	109	103	112	134	135	143	107	140	1.38
ORANGES+TANGER+CLEMEN	74	81	73	70	54	57	62	52	67	79	51	.20
COFFEE GREEN+ROASTED	4	5	5	4	1	10	15	13	11	13	17	17.84
COCOA BEANS										3	3	
TEA	104	109	126	125	107	126	148	165	157	152	192	6.45
COTTON LINT	71	33	22	2	1	17	131	218	261	558	755	50.22
JUTE AND SIMILAR FIBRES	3	8	20	35	42	44	36	48	77	85	65	30.97
TOBACCO UNMANUFACTURED	37	35	35	32	28	30	35	32	27	24	23	-4.02
NATURAL RUBBER	50	41	50	39	38	41	47	50	50	55	68	3.25
WOOL GREASY	21	22	24	23	21	16	16	14	13	15	17	-4.11
BOVINE CATTLE 1/	195	181	224	272	263	257	252	257	220	225	225	1.25
SHEEP AND GOATS 1/	482	443	463	448	330	312	438	515	502	547	495	1.63
PIGS 1/	3016	3129	3079	4548	3189	3256	3217	3091	3007	3123	3030	-7.74
TOTAL MEAT	155	210	246	251	250	274	271	284	295	327	368	6.55
MILK DRY										1	1	
TOTAL EGGS IN SHELL	35	42	51	54	56	57	57	60	56	64	60	4.50
FISHERY PRODUCTS												
FISH FRESH FROZEN	99	129	134	146	169	168	183	189	199	229	229	7.78
FISH CURED	4	5	9	8	6	7	6	8	7	7	7	2.24
SHELLFISH	52	57	72	70	76	75	90	102	137	205	205	14.43
FISH CANNED AND PREPARED	13	22	33	43	34	38	42	38	41	39	39	7.31
SHELLFISH CANNED+PREPAR	11	14	10	10	12	9	11	13	13	17	17	3.52
FISH BODY AND LIVER OIL								1				-5.57
FISH MEAL		1	1	1	1		1	2	1	2	2	14.02
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	63	32	27	21	33	29	38	35	5	5	1	-24.68
SAWLOGS NONCONIFEROUS	33	42	45	45	33	35	36	59	39	39	12	-4.33
SAWWOOD CONIFEROUS	19	28	19	10	12	13	13	12	12	12	16	-4.49
SAWWOOD NONCONIFEROUS	85	103	48	34	26	56	55	53	56	56	55	-2.20
WOOD-BASED PANELS	949	1244	1096	885	957	834	884	614	565	513	560	-7.44
PULP FOR PAPER	33	44	46	49	86	81	64	30	68	92	81	6.98
PAPER AND PAPERBOARD	119	116	89	149	174	165	139	217	304	386	440	15.17

1/ THOUSAND HEAD

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

Appendix 3 (iii)

6. VOLUME OF IMPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
AFRICA DEVELOPING												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR,WHEAT EQUIV.	6362	7963	7752	9067	8979	9371	9424	10218	11117	10196	9461	4.03
RICE MILLED	1581	1878	2229	2300	2575	2828	2725	2507	2747	2924	2906	5.29
BARLEY	219	647	419	302	459	680	397	743	583	129	133	-5.56
MAIZE	880	1154	1288	2329	2358	2336	1724	2771	2503	2122	2055	8.24
MILLET	112	83	101	106	35	55	71	23	85	29	43	-10.21
SORGHUM	99	150	133	113	155	128	232	412	382	143	138	7.21
POTATOES	211	233	307	237	211	270	449	348	426	306	224	3.61
SUGAR,TOTAL (RAW EQUIV.)	1888	2043	2108	2257	2315	2101	2403	2183	2209	2663	2924	3.10
PULSES	91	118	210	219	160	153	220	227	218	245	176	6.31
SOYBEANS	50	22	31	25	11	35	16	20	22	18	26	-4.69
SOYBEAN OIL	256	312	357	329	339	448	403	365	257	251	289	-1.40
GROUNDNUTS SHELLED BASIS	25	27	13	20	17	12	8	6	35	32	3	-8.35
GROUNDNUT OIL	22	10	10	16	16	18	28	11	4	27	17	-1.29
COPRA	3	4	4	3	2	2	3	5	2	2	2	-5.54
COCONUT OIL	20	10	9	7	14	12	10	17	10	10	18	1.01
PALM OIL	81	106	99	166	241	269	250	229	210	361	352	14.72
OILSEED CAKE AND MEAL	102	122	157	188	241	255	220	298	256	487	504	15.55
BANANAS	47	31	17	18	26	57	26	25	10	13	10	-10.42
ORANGES+TANGER+CLEMEN	12	12	12	10	9	10	9	9	6	9	9	-3.66
LEMONS AND LIMES	1	1	1	1	1	1	1	1	1	1	1	1.55
COFFEE GREEN+ROASTED	59	83	76	80	103	67	115	57	103	58	134	3.82
COCOA BEANS	3	1	1	1	1	1	1	1	2	1	2	.82
TEA	46	56	70	57	68	52	58	61	71	78	72	3.32
COTTON LINT	51	42	48	44	64	83	51	58	98	79	104	5.69
JUTE AND SIMILAR FIBRES	73	58	58	64	50	49	59	40	52	48	44	-3.50
TOBACCO UNMANUFACTURED	49	64	63	58	50	49	52	66	54	74	59	.65
NATURAL RUBBER	22	21	20	21	26	23	23	24	24	25	25	1.52
WOOL GREASY	3	4	3	2	2	1	2	2	2	4	3	-2.05
BOVINE CATTLE 1/	690	776	835	824	894	839	920	1010	703	639	492	-2.28
PIGS 1/	1	1	1	1	2	2	3	4	1			-7.71
TOTAL MEAT	110	139	137	141	147	221	186	217	225	253	224	8.09
MILK DRY	34	35	32	50	73	53	69	87	102	111	150	16.22
TOTAL EGGS IN SHELL	21	44	35	50	52	71	78	49	47	20	12	-4.36
FISHERY PRODUCTS												
FISH FRESH FROZEN	441	589	695	764	894	792	832	685	680	758	674	2.55
FISH CURED	27	33	48	56	95	40	50	28	41	44	43	.94
SHELLFISH	3	4	3	3	3	3	1	4	3	2	2	-3.70
FISH CANNED AND PREPARED	119	147	127	136	155	114	102	54	57	61	59	-10.09
FISH BODY AND LIVER OIL	2	3	2		1	1						-29.76
FISH MEAL	17	27	24	24	25	32	37	51	28	38	38	7.19
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	31	32	73	94	84	110	169	171	171	171	171	19.58
SAWLOGS NONCONIFEROUS	286	197	204	326	225	241	321	318	325	272	232	1.79
FUELWOOD					1	41	43	33	33	33	33	
SAWWOOD CONIFEROUS	1251	763	1019	905	1409	1541	1859	1817	1505	1243	1106	3.87
SAWWOOD NONCONIFEROUS	155	202	203	194	232	193	183	187	209	221	210	1.52
WOOD-BASED PANELS	310	263	316	359	321	258	289	197	205	205	193	-5.29
PULP FOR PAPER	97	102	104	120	135	116	149	143	141	141	141	4.25
PAPER AND PAPERBOARD	496	519	529	537	671	579	563	538	580	593	598	1.44

1/ THOUSAND HEAD

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

6. VOLUME OF IMPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
NEAR EAST DEVELOPING												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR,WHEAT EQUIV.	9207	10320	10703	12836	13999	14156	16500	19457	17530	16204	19524	7.58
RICE MILLED	1456	1548	1887	1790	2020	1991	2244	2391	2305	2278	2659	5.46
BARLEY	991	852	1493	2361	3290	4988	3871	9244	7818	9003	8956	29.34
MAIZE	1492	1850	2369	2685	3745	3705	4082	4177	4693	4824	5274	12.72
MILLET	6	4	4	2	2	3	4	4	5	3	3	-1.68
SORGHUM	189	254	109	101	132	340	58	317	34	42	15	-18.08
POTATOES	230	231	282	353	426	462	413	422	324	288	313	2.94
SUGAR,TOTAL (RAW EQUIV.)	2266	2400	3463	3263	3405	3947	3427	3918	3272	3209	3553	3.34
PULSES	202	213	258	257	359	339	302	332	295	316	337	4.56
SOYBEANS	63	138	180	99	116	108	94	79	226	185	100	3.21
SOYBEAN OIL	233	281	381	442	504	529	717	667	609	635	757	11.25
GROUNDNUTS SHELLED BASIS	15	6	8	16	9	7	7	7	7	6	5	-6.73
GROUNDNUT OIL	2	1	1	3	1	1	1					-21.65
COPIA		1										
COCONUT OIL	8	7	4	14	12	16	13	13	14	40	22	15.44
PALM NUTS KERNELS										1		
PALM OIL	148	164	187	148	251	375	418	456	504	670	625	18.24
DIALSEED CAKE AND MEAL	375	459	442	405	543	674	850	1122	1258	1360	1442	16.35
BANANAS	277	289	319	300	316	285	250	240	191	151	165	-6.45
ORANGES+TANGER+CLEMEN	555	472	512	541	519	634	627	583	463	261	322	-3.52
LEMONS AND LIMES	52	45	77	79	77	80	67	58	78	70	62	2.98
COFFEE GREEN+ROASTED	53	42	40	46	56	74	75	62	61	49	57	2.90
COCOA BEANS	2	4	1	2	5	5	6	5	5	7	7	15.47
TEA	150	205	188	168	171	168	194	239	216	227	249	3.87
COTTON LINT	37	21	41	22	24	27	27	29	56	71	153	12.99
JUTE AND SIMILAR FIBRES	31	24	41	20	25	37	34	32	34	27	22	-4.47
TOBACCO UNMANUFACTURED	45	52	60	47	61	75	79	83	70	69	65	4.50
NATURAL RUBBER	49	46	37	40	52	65	86	82	80	82	93	9.33
WOOL GREASY	32	17	18	18	19	13	18	18	21	20	25	-0.03
BOVINE CATTLE 1/	389	390	386	503	736	730	598	584	409	373	465	.89
PIGS 1/	5											
TOTAL MEAT	482	582	676	980	1302	1281	1266	1239	1184	1152	1174	8.83
MILK DRY	10	11	20	14	24	27	22	27	22	26	28	10.00
TOTAL EGGS IN SHELL	83	84	75	109	153	153	156	165	125	92	86	2.69
FISHERY PRODUCTS												
FISH FRESH FROZEN	50	69	55	77	107	121	137	151	114	133	134	10.80
FISH CURED	2	3	3	3	6	5	9	5	8	6	6	13.65
SHELLFISH	2	1	2	2	2	2	2	2	4	1	2	4.26
FISH CANNED AND PREPARED	39	55	51	70	64	56	55	49	53	44	44	-1.03
SHELLFISH CANNED+PREPAR			1	1	2	3	2	2	1	1	1	12.66
FISH BODY AND LIVER OIL	2	1	1	1	1	1		2				-21.95
FISH MEAL	136	56	58	77	147	113	106	163	101	131	131	5.64
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	231	176	126	173	205	275	319	316	435	214	556	10.09
SAWLOGS NONCONIFEROUS	55	68	42	57	46	5	6	11	41	109	56	-3.07
PULPWOOD+PARTICLE	13	36	40	14	38	52	69	57	42	106	47	13.80
FUELWOOD	159	163	119	126	146	183	169	198	156	212	212	4.05
SAWWOOD CONIFEROUS	3063	2441	2689	3242	3498	3938	4179	4563	4139	3144	2909	2.68
SAWWOOD NONCONIFEROUS	659	620	469	630	550	630	758	811	838	610	587	1.76
WOOD-BASED PANELS	749	804	931	1072	1425	1588	1324	1450	1510	1260	1238	5.89
PULP FOR PAPER	135	127	113	121	111	110	178	171	196	169	170	4.79
PAPER AND PAPERBOARD	866	889	905	975	1042	1008	1006	1205	1119	984	1019	2.06

1/ THOUSAND HEAD

2/ SAWLOGS AND SAWWOOD AND PAPERBOARD. ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

6. VOLUME OF IMPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
LATIN AMERICA												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR, WHEAT EQUIV.	8152	10787	10718	12099	12059	11126	11927	12276	11350	9233	9859	4.7
RICE MILLED	428	432	1339	1064	794	612	908	662	1060	2109	852	7.81
BARLEY	203	358	323	551	448	339	531	537	457	401	467	5.40
MAIZE	3590	4714	3954	6988	7027	3417	8162	5499	4042	5665	6688	2.84
MILLET	2	4	6	3	2	3	4	1	1			-20.98
SORGHUM	1440	1442	1876	2927	3578	3226	3830	3167	3381	1545	1692	2.83
POTATOES	198	205	251	334	198	188	182	197	157	246	209	-1.41
SUGAR, TOTAL (RAW EQUIV.)	646	898	717	1912	1628	1409	1604	1193	395	425	701	-4.73
PULSES	400	291	284	816	878	739	527	526	606	558	366	2.80
SOYBEANS	628	971	952	1205	2235	2198	1385	2858	2104	1439	2081	10.71
SOYBEAN OIL	245	351	372	432	433	675	551	791	569	607	441	-7.39
GROUNDNUTS SHELLED BASIS	8	14	11	13	13	19	10	19	24	11	11	3.43
GROUNDNUT OIL	136	85	9	2	4	1	2	2	1	1	1	-39.29
COCONUT OIL	26	39	15	25	19	21	16	15	10	36	43	-1.02
PALM NUTS KERNELS	1		2	1	1	1	3	1				
PALM OIL	16	8	6	14	10	5	5	5	3	8	8	-7.40
OILSEED CAKE AND MEAL	593	647	710	968	961	1131	1142	1206	1229	1240	1478	8.55
BANANAS	228	287	391	435	446	325	231	227	218	257	244	-3.41
ORANGES+TANGER+CLEMEN	26	22	44	58	36	26	20	15	20	16	20	-6.70
LEMONS AND LIMES	4	6	4	3	5	2	3	5	5	2	2	-5.11
COFFEE GREEN+ROASTED	54	58	93	49	56	64	49	56	41	39	42	-4.60
COCOA BEANS	3	3	2	3	10	13	3	6	5	5	5	9.12
TEA	14	16	19	16	14	15	14	13	15	13	13	-1.78
COTTON LINT	85	71	91	79	94	79	80	122	117	183	185	8.67
JUTE AND SIMILAR FIBRES	15	12	18	36	34	14	14	14	4	40	34	1.77
TOBACCO UNMANUFACTURED	18	16	17	29	24	20	19	16	15	16	17	-1.69
NATURAL RUBBER	170	182	182	188	181	158	166	201	197	223	252	2.82
WOOL GREASY	6	7	9	13	12	13	8	9	12	8	8	1.26
BOVINE CATTLE 1/	490	583	926	417	463	427	158	224	192	122	116	-17.01
PIGS 1/	36	32	21	10	26	55	16	8	8	3	6	-17.80
TOTAL MEAT	197	373	365	342	413	337	263	296	365	882	565	7.51
MILK DRY	183	139	122	161	161	149	130	154	114	131	148	-1.63
TOTAL EGGS IN SHELL	14	11	17	19	17	26	12	10	9	11	12	-3.64
FISHERY PRODUCTS												
FISH FRESH FROZEN	90	109	134	111	97	107	88	65	83	134	133	1.16
FISH CURED	48	46	46	56	53	53	51	48	46	48	48	-.22
SHELLFISH	9	9	12	11	14	13	10	11	11	12	12	1.70
FISH CANNED AND PREPARED	49	61	75	93	87	79	43	52	64	58	58	-1.55
SHELLFISH CANNED+PREPAR	1	1	2	2	2	1	1	1	1	1	1	-7.87
FISH BODY AND LIVER OIL	27	36	67	43	64	35	69	62	34	24	24	-3.24
FISH MEAL	63	107	138	163	126	108	61	86	47	58	58	-7.11
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	26	34	54	128	156	162	160	69	48	58	58	4.23
SAWLOGS NONCONIFEROUS	69	105	65	57	30	29	30	75	82	72	76	.25
PULPWOOD+PARTICLE			31	35	24	16	16	8	8	8	8	
FUELWOOD	12	4	4	5	7	5	3	4	6	6	6	-2.49
SAWNWOOD CONIFEROUS	1486	1715	1524	2184	1874	1477	1666	1944	1479	1577	1451	-.81
SAWNWOOD NONCONIFEROUS	520	679	692	917	642	652	597	734	596	711	607	
WOOD-BASED PANELS	234	304	401	493	499	482	479	399	347	340	357	1.52
PULP FOR PAPER	462	530	653	740	762	735	645	766	774	809	881	4.98
PAPER AND PAPERBOARD	2162	1869	1856	2395	2437	2278	1958	1798	1732	1862	1843	-1.63

1/ THOUSAND HEAD

2/ ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

6. VOLUME OF IMPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
THOUSAND METRIC TONS.....												PERCENT
FAR EAST DEVELOPING												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR, WHEAT EQUIV.	7213	8058	8808	8897	7811	9709	11447	10313	9841	11258	10278	3.81
RICE MILLED	3848	3465	3392	4497	4404	2083	3121	2426	2409	1223	1323	-10.43
BARLEY	327	107	106	206	270	916	451	1624	97	7	124	-9.91
MAIZE	2662	3360	4328	4120	4740	5051	6442	5071	5651	5562	6781	7.75
MILLET	10	1	2	3	3	6	4	5	4	5	5	6.83
SORGHUM	19	49	144	62	178	445	234	421	391	295	37	17.22
POTATOES	104	117	143	155	145	147	160	149	150	157	140	2.60
SUGAR, TOTAL (RAW EQUIV.)	1435	1866	1935	2607	2807	2310	2138	2273	4393	3955	4721	10.39
PULSES	91	167	207	207	377	380	438	535	562	903	872	23.35
SOYBEANS	370	489	728	874	1093	1219	1137	1354	1459	1678	1769	15.41
SOYBEAN OIL	529	583	841	1004	981	976	856	1155	721	607	1061	3.06
GROUNDNUTS SHELLED BASIS	23	28	39	67	93	152	144	82	110	165	180	21.32
GROUNDNUT OIL	64	42	36	38	34	36	55	38	43	43	45	-1.58
COPRA	99	163	74	115	110	81	46	84	136	151	112	.55
COCONUT OIL	87	158	91	58	151	83	90	88	65	110	90	-1.80
PALM NUTS KERNELS	5	6	10	15	6	3	12	5	4	1		-20.72
PALM OIL	842	847	1058	1757	1436	1561	1679	1865	2556	2855	2720	13.22
Oilseed CAKE AND MEAL	717	804	965	1005	1026	1339	1550	1755	1224	1586	2124	10.81
BANANAS	48	57	69	59	49	59	51	71	69	74	80	3.65
ORANGES+TANGER+CLEMEN.	215	222	208	238	273	249	287	253	254	274	294	2.94
LEMONS AND LIMES		4	6	7	8	8	9	10	13	14	16	37.14
COFFEE GREEN+ROASTED	32	19	27	19	36	51	72	96	91	107	80	18.84
COCOA BEANS	8	12	17	27	45	60	61	50	57	58	78	22.52
TEA	81	77	84	86	97	94	110	127	114	113	125	5.05
COTTON LINT	843	860	827	888	775	788	864	992	962	1131	1384	4.04
JUTE AND SIMILAR FIBRES	55	64	80	119	109	165	151	180	161	189	189	13.25
TOBACCO UNMANUFACTURED	68	64	69	82	88	69	63	68	66	62	63	-1.25
NATURAL RUBBER	160	193	215	182	208	226	199	271	249	297	323	6.03
WOOL GREASY	32	29	30	33	39	34	38	40	46	54	58	6.71
BOVINE CATTLE 1/	293	324	356	356	363	362	354	303	294	289	308	-1.02
PIGS 1/	3023	3123	3095	4552	3194	3414	3357	3250	3268	3518	3569	.77
TOTAL MEAT	212	279	297	228	266	352	360	329	326	320	365	4.26
MILK DRY	99	143	159	161	163	151	171	173	174	192	257	6.01
TOTAL EGGS IN SHELL	64	68	75	76	75	80	79	89	88	94	104	4.22
FISHERY PRODUCTS												
FISH FRESH FROZEN	162	185	229	210	258	280	294	410	443	663	625	14.93
FISH CURED	18	21	21	28	22	26	24	53	40	32	33	7.41
SHELLFISH	95	119	180	123	116	132	140	143	164	191	206	5.60
FISH CANNED AND PREPARED	84	84	79	96	78	92	51	59	47	53	57	-5.86
SHELLFISH CANNED+PREPAR	15	16	14	18	16	21	22	23	18	20	21	3.73
FISH BODY AND LIVER OIL	4	4	5	2	2	3	3	5	22	19	20	21.09
FISH MEAL	93	131	164	148	158	251	171	183	191	211	200	6.25
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	1200	2426	2128	1536	1186	1548	2116	2073	2217	2432	2793	5.16
SAWLOGS NONCONIFEROUS	8558	9371	9355	6526	5985	5415	5789	4986	4337	6153	5537	-5.94
PULPWOOD+PARTICLE	1		2	2	1		3	117	118	.83	28	
FUELWOOD	546	489	519	560	588	741	749	727	773	776	791	5.28
SAWNWOOD CONIFEROUS	228	235	80	87	72	45	46	49	37	37	32	-17.52
SAWNWOOD NONCONIFEROUS	1741	1829	2345	1850	1762	1910	1840	1778	1361	1545	2238	-1.98
WOOD-BASED PANELS	495	575	610	724	821	680	794	652	583	713	1051	3.93
PULP FOR PAPER	555	696	735	728	815	791	1090	1055	1124	1294	1326	8.67
PAPER AND PAPERBOARD	1495	1830	1995	2072	2247	2349	2313	2537	2504	2584	2675	5.04

1/ THOUSAND HEAD

2/ SAWLOGS AND PAPER AND PAPERBOARD. ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

6. VOLUME OF IMPORTS OF MAJOR AGRICULTURAL, FISHERY AND FOREST PRODUCTS

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	ANNUAL RATE OF CHANGE 1977-87
.....THOUSAND METRIC TONS.....												PERCENT
ASIAN CENT PLANNED ECON												
AGRICULTURAL PRODUCTS												
WHEAT+FLOUR,WHEAT EQUIV.	9164	10271	11756	13243	15688	15565	12643	11234	6620	7623	15280	-1.82
RICE MILLED	214	250	619	652	441	578	205	497	705	919	1103	12.01
BARLEY	265	336	704	402	354	509	481	430	369	477	536	3.17
MAIZE	2222	3064	5412	4438	3287	4117	5569	3015	3108	3659	5249	2.86
SORGHUM	394	473	517	417	840	767	534	597	564	810	660	4.51
SUGAR,TOTAL (RAW EQUIV.)	1895	1587	1368	1114	1294	2373	2130	1456	2088	1432	2056	2.13
PULSES	49	68	58	72	91	124	88	92	89	108	100	6.72
SOYBEANS	985	1172	1696	1529	1682	1516	1420	1345	1470	2098	2313	5.36
SOYBEAN OIL	149	137	143	136	56	63	36	25	43	192	434	-1.62
GROUNDNUTS SHELLED BASIS		2	1			6				1	1	
GROUNDNUT OIL							20	1		3	4	
COPRA			1	3	3	7	1	3	7	17	15	41.51
COCONUT OIL	22	19	27	31	26	31	26	27	29	49	33	5.43
PALM NUTS KERNELS				2		1						
PALM OIL	30	14	48	63	26	24	24	23	70	216	289	21.58
OilSEED CAKE AND MEAL	41	55	1	9	14	15	33	50	48	41	64	15.75
BANANAS							20	20	40	36	33	
ORANGES+TANGER+CLEMEN		1		2	1	1	5	2	3	4	11	
LEMONS AND LIMES										1		
COFFEE GREEN+ROASTED	6	6	5	6	7	17	30	16	16	8	9	9.61
COCOA BEANS	12	15	17	17	4	23	10	12	6	27	14	1.62
TEA	5	6	5	5	4	4	5	6	6	15	17	11.05
COTTON LINT	422	818	835	1235	1023	824	521	369	362	461	608	-5.36
JUTE AND SIMILAR FIBRES	34	39	36	47	24	43	36	24	3	41	22	-9.45
TOBACCO UNMANUFACTURED	15	19	22	32	54	46	21	28	45	29	21	3.75
NATURAL RUBBER	316	300	333	358	220	232	337	321	264	341	455	1.55
WOOL GREASY	22	28	51	58	78	95	94	74	115	121	124	17.47
BOVINE CATTLE 1/				2		1	1	4	10	7	7	
PIGS 1/	1	4	3	3	5	3	3	2	2	2	2	-1.84
TOTAL MEAT	4	11	18	16	23	27	28	32	38	49	63	24.20
MILK DRY										10		
FISHERY PRODUCTS												
FISH FRESH FROZEN	6	4	4	2	3	3	3	5	5	3	3	-1.43
FISH CURED	1	1	1	1	2	2	2	3				-4.49
SHELLFISH	4	9	14	20	2	5	5	4	8	9	9	-1.97
FISH CANNED AND PREPARED	1	1	1	2	2	2	2	3	3	3	3	13.21
SHELLFISH CANNED+PREPAR			1	1	1	1	1	1	1	2	2	21.27
FISH BODY AND LIVER OIL	1	2	2	1	1	1	1	3	3	3	3	11.40
FISH MEAL	95	142	168	155	162	312	263	370	507	526	526	19.24
FOREST PRODUCTS 2/												
SAWLOGS CONIFEROUS	419	389	422	630	1181	3115	5391	6776	7576	5976	5574	42.30
SAWLOGS NONCONIFEROUS	5994	7170	6810	6509	5286	4762	5431	4634	4630	4310	4703	-4.49
PULPWOOD+PARTICLE	711	728	1069	843	1957	1192	2005	1563	1912	2752	2719	14.64
SAWWOOD CONIFEROUS	29	29	29	31	10	6	11	15	9	8	22	-9.50
SAWWOOD NONCONIFEROUS	38	56	96	139	197	293	423	519	529	800	1158	38.97
WOOD-BASED PANELS	13	24	36	51	260	287	314	710	551	592	824	53.37
PULP FOR PAPER	175	208	210	427	525	440	683	672	737	823	1056	19.31
PAPER AND PAPERBOARD	297	411	427	650	662	510	678	634	987	1401	1627	15.54

1/ THOUSAND HEAD

2/ EXCEPT FOR PULP FOR PAPER AND PAPER AND PAPERBOARD, ALL FOREST PRODUCTS ARE EXPRESSED IN THOUSAND CUBIC METRES

Appendix 3 (iv)

Table 19.2 Wood Production and Trade, 1975-87

	Roundwood Production (000 m3)						Processed Wood Production (000 m3)				Paper Production (000 metric tons)	Average Annual Net Trade Roundwood (a) (000 m3)	
	Total	Fuel and Charcoal	Industrial Roundwood	Sawwood	Panels		Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	1975-77	1985-87
	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	Change Since (%)	1975-77	1985-87
	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87
WORLD	3,255,039	22	1,680,540	28	1,574,499	17	482,975	12	117,289	25	202,438	41	
AFRICA	449,503	33	396,196	35	53,307	21	8,200	39	1,878	63	2,387	89	(5,678) (3,261)
Algeria	1,945	35	1,709	36	237	32	13	0	50	0	117	289	60 249
Angola	5,020	24	4,006	33	1,013	(3)	5	(95)	7	(70)	15	15	0 0
Benin	4,543	33	4,310	34	233	29	10	11	0	0	0	0	0 0
Botswana	1,225	47	1,149	46	76	48	0	0	0	0	0	0	X X
Burkina Faso	6,931	25	6,618	25	314	25	1	(25)	0	0	0	0	0 0
Burundi	3,742	28	3,697	27	45	39	3	246	0	0	0	0	X X
Cameroon	12,165	36	9,391	31	2,774	62	650	107	73	0	5	0	(489) (533)
Cape Verde	X	X	X	X	X	X	X	X	X	X	X	X	X X
Central African Rep	3,426	24	2,990	32	436	(13)	54	(32)	5	72	0	0	(112) (56)
Chad	3,655	25	3,139	25	517	25	1	(17)	0	0	0	0	X X
Comoros	X	X	X	X	X	X	X	X	X	X	X	X	X X
Congo	2,525	39	1,634	30	891	60	62	13	58	2	0	0	(142) (296)
Cote d'Ivoire	11,870	9	8,255	44	3,615	(31)	764	29	236	151	0	0	(2,974) (1,010)
Djibouti	0	0	0	0	0	0	0	0	0	0	0	0	X X
Egypt	2,058	29	1,962	29	95	29	0	0	44	8	150	32	101 235
Equatorial Guinea	607	44	447	14	160	445	47	231	10	900	0	0	X X
Ethiopia	38,927	28	37,114	28	1,813	35	45	(48)	15	7	10	33	0 0
Gabon	3,873	9	2,573	16	1,300	(2)	126	47	228	142	0	0	(1,309) (1,100)
Gambia, The	856	8	835	6	21	106	1	0	0	0	0	0	X X
Ghana	9,590	20	8,496	39	1,094	(42)	365	(20)	65	(3)	0	0	(413) (208)
Guinea	4,351	24	3,737	26	614	17	90	0	2	0	0	0	0 (5)
Guinea-Bissau	561	9	422	5	139	24	16	0	0	0	0	0	0 0
Kenya	33,784	50	32,195	51	1,589	46	181	15	69	459	105	153	(50) 0
Lesotho	539	28	539	28	0	0	0	0	0	0	0	0	X X
Liberia	5,131	39	4,405	47	726	2	257	55	5	150	0	0	(361) (293)
Libya	635	15	536	6	99	103	31	151	0	0	6	25	X X
Madagascar	7,068	34	6,261	32	807	50	234	37	1	0	10	75	(1) (1)
Malawi	6,725	34	6,414	35	311	11	22	(42)	4	(39)	0	0	0 0
Mali	5,052	30	4,733	30	319	27	6	4	0	0	0	0	X X
Mauritania	12	33	7	40	5	25	0	0	0	0	0	0	X X
Mauritius	25	(42)	17	(25)	8	(60)	2	(63)	0	X	0	0	X X
Morocco	2,063	49	1,292	45	772	56	149	95	105	84	108	87	217 214
Mozambique, People's Rep	15,255	41	14,270	44	985	8	32	(82)	57	893	2	33	(8) (1)
Niger	4,041	32	3,791	32	249	32	0	0	0	0	0	0	X X
Nigeria	98,603	44	90,735	41	7,868	89	2,712	185	223	147	64	394	(37) (59)
Rwanda	5,842	13	5,602	10	240	300	13	465	2	0	0	0	X X
Senegal	4,099	30	3,539	28	560	37	11	105	0	0	0	0	X X
Sierra Leone	7,922	18	7,781	19	141	1	13	(44)	0	0	0	0	0 0
Somalia	4,531	40	4,463	40	68	21	14	0	2	0	0	0	2 0
South Africa	18,761	12	7,078	1	11,683	19	1,662	(1)	398	9	1,647	82	(14) (73)
Sudan	20,099	34	18,206	34	1,893	32	13	(8)	2	(62)	9	60	X X
Swaziland	2,223	(13)	560	16	1,663	(19)	136	37	8	125	0	0	(217) (195)
Tanzania	23,892	42	22,398	42	1,495	52	106	90	6	(35)	0	0	(6) 0
Togo	789	31	621	32	168	28	5	0	0	0	0	0	1 0
Tunisia	2,849	26	2,729	26	120	41	3	0	97	260	54	208	49 40
Uganda	12,935	38	11,247	39	1,688	34	23	(32)	6	362	2	62	0 0
Zaire	31,381	34	28,843	34	2,539	34	121	28	53	117	2	33	(46) (155)
Zambia	9,946	25	9,418	25	528	24	50	16	13	274	2	0	1 9
Zimbabwe	7,391	39	6,003	38	1,388	45	149	19	34	140	77	103	1 (3)
NORTH & CENTRAL AMERICA	723,881	41	159,739	154	564,141	25	158,046	27	40,949	22	82,283	31	(17,626) (18,918)
Barbados	X	X	X	X	X	X	X	X	X	X	X	X	X X
Canada	179,536	34	6,623	75	172,913	33	57,201	63	6,253	43	15,255	35	145 (424)
Costa Rica	3,124	(8)	2,617	32	508	(64)	398	(34)	48	(16)	13	76	0 1
Cuba	3,294	41	2,707	44	587	32	109	4	132	X	143	36	X X
Dominican Rep	982	113	976	116	6	(33)	0	0	0	0	10	7	0 37
El Salvador	4,902	34	4,820	34	82	6	44	27	0	0	16	220	0 0
Guatemala	7,012	24	6,871	32	141	(70)	99	(67)	8	(41)	16	(18)	(2) (2)
Haiti	6,055	27	5,816	28	239	0	14	0	0	0	0	0	5 0
Honduras	5,505	26	4,683	41	822	(21)	415	(30)	8	(32)	0	0	(22) (2)
Jamaica	127	114	13	86	114	118	29	(6)	4	(51)	21	X	11 2
Mexico	21,497	22	14,182	31	7,315	7	2,253	6	774	162	2,473	86	(3) 13
Nicaragua	3,675	26	2,795	37	880	0	222	(45)	14	40	0	0	2 0
Panama	2,047	26	1,708	14	339	163	45	(18)	12	11	25	55	2 7
Trinidad and Tobago	62	(37)	22	38	40	(52)	20	(39)	0	0	0	0	2 2
United States	485,760	46	105,756	346	380,005	23	97,178	14	33,698	17	64,312	28	(17,697) (18,573)
SOUTH AMERICA	313,783	36	221,104	25	92,679	75	25,297	52	3,757	40	7,076	89	(59) (1,768)
Argentina	11,177	23	5,755	13	5,422	37	1,067	62	398	25	947	65	8 1
Bolivia	1,348	13	1,199	31	149	(46)	94	(28)	5	(44)	1	100	(1) 0
Brazil	237,779	39	171,670	25	66,109	95	17,969	58	2,538	31	4,395	121	23 44
Chile	16,185	48	6,169	17	10,015	77	2,341	84	235	294	400	49	(57) (1,794)
Colombia	17,526	17	14,853	24	2,673	(11)	721	(23)	113	12	460	68	(7) 0
Ecuador	8,670	48	6,140	48	2,530	46	1,243	59	171	290	41	21	0 0
Guyana	218	18	18	80	200	14	61	(18)	0	0	0	0	(28) (18)
Paraguay	8,100	62	4,987	27	3,113	189	795	139	92	468	8	743	(2) 0
Peru	7,733	6	6,523	18	1,210	(32)	535	(10)	39	(44)	155	5	4 0
Suriname	205	(31)	14	(49)	191	(29)	67	0	13	(53)	0	0	(11) (9)
Uruguay	3,283	22	3,026	28	257	(19)	57	(48)	13	(11)	56	70	13 0
Venezuela	1,307	15	684	36	623	(2)	327	(6)	140	76	612	43	20 12

Table 19.2

	Roundwood Production (000 m3)						Processed Wood Production (000 m3)				Paper Production (000 metric tons)		Average Annual Net Trade Roundwood (a) (000 m3)	
	Total	Fuel and Charcoal		Industrial Roundwood			Sawmwood		Panels					
	Change Since (%)	Change Since (%)		Change Since (%)			Change Since (%)		Change Since (%)		Change Since (%)			
	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1985-87	1975-77	1975-77	1985-87
ASIA	1,001,413	18	750,331	18	251,081	19	100,830	21	23,318	53	40,434	81	28,630	43,144
Afghanistan	6,734	10	5,163	12	1,572	6	400	6	1	0	0	0	X	X
Bahrain	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bangladesh	27,849	30	26,999	32	849	(15)	86	(53)	13	(71)	111	113	0	0
Bhutan	3,224	12	2,946	12	278	17	5	0	0	0	0	0	0	(7)
China	269,062	28	174,088	22	94,974	40	26,287	55	1,877	364	9,563	178	898	7,018
Cyprus	80	(37)	23	(11)	57	(44)	60	(11)	24	0	0	0	4	6
India	250,279	23	226,321	22	23,958	41	17,460	133	442	135	1,759	86	(55)	378
Indonesia	158,075	22	129,600	22	28,475	22	7,875	164	5,722	X	640	954	(18,561)	(825)
Iran, Islamic Rep	6,757	2	2,381	4	4,376	0	163	3	54	(57)	78	8	168	117
Iraq	141	21	91	36	50	0	8	0	2	0	28	12	X	X
Israel	118	3	11	(3)	107	4	0	0	146	9	147	38	125	189
Japan	32,650	(7)	573	(30)	32,077	(7)	29,245	(23)	9,084	5	21,356	43	50,846	43,425
Jordan	9	4	5	33	4	(20)	0	0	0	0	13	117	2	28
Kampuchea, Dem	5,423	7	4,856	7	567	8	43	0	2	0	0	0	(6)	0
Korea, Dem People's Rep	4,596	16	3,996	18	600	0	280	0	0	0	80	0	X	X
Korea, Rep	6,713	(29)	4,395	(37)	2,318	(10)	3,525	43	1,247	(34)	2,749	232	6,437	6,582
Kuwait	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Lao People's Dem Rep	4,228	24	3,898	21	330	71	16	(59)	5	154	0	0	(1)	(25)
Lebanon	484	0	459	(2)	25	25	33	(1)	46	(4)	43	(4)	34	16
Malaysia	40,185	27	7,745	26	32,441	27	5,768	15	1,337	58	65	244	(14,684)	(20,480)
Mongolia	2,390	0	1,350	0	1,040	0	470	0	4	0	0	0	(57)	0
Myanmar	19,069	24	16,158	22	2,911	40	495	23	15	29	20	97	(62)	(149)
Nepal	16,127	25	15,567	26	560	0	220	0	0	0	1	(14)	(115)	(126)
Oman	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Pakistan	21,399	38	20,059	33	1,340	187	55	(14)	64	145	84	104	49	27
Philippines	35,822	5	30,027	28	5,794	(45)	1,091	(32)	552	(6)	191	(29)	(3,105)	(582)
Qatar	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Saudi Arabia	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Singapore	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sri Lanka	8,697	21	8,020	20	678	36	21	(37)	12	(49)	24	26	(1)	(37)
Syrian Arab Rep	48	7	15	36	34	(2)	9	575	27	118	5	81	31	18
Thailand	36,900	17	32,442	23	4,458	(14)	1,027	(39)	311	181	485	124	(211)	24
Turkey	16,235	(54)	10,448	(63)	5,786	(15)	4,923	70	781	97	435	23	36	62
United Arab Emirates	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Viet Nam	25,356	24	22,072	24	3,284	24	354	(36)	40	135	68	34	X	X
Yemen Arab Rep	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Yemen, People's Dem Rep	296	30	296	30	0	0	0	0	0	0	0	0	0	4
EUROPE	353,415	13	57,568	13	295,847	13	84,473	4	32,665	8	57,875	37	16,933	16,310
Albania	2,330	0	1,608	0	722	0	200	0	12	0	6	(1)	0	X
Austria	13,981	11	1,413	45	12,568	9	5,921	3	1,355	23	2,235	65	1,839	4,205
Belgium	3,376	26	538	149	2,838	15	832	25	2,050	16	841	15	2,274	2,505
Bulgaria	4,581	2	1,769	72	2,812	(19)	1,464	(12)	573	17	451	0	354	309
Czechoslovakia	18,907	10	1,449	(20)	17,458	14	5,226	15	1,398	52	1,262	15	(2,411)	(1,521)
Denmark	2,236	32	402	512	1,834	13	879	14	342	(8)	296	37	(427)	(670)
Finland	41,393	27	3,089	(46)	38,304	42	7,346	24	1,356	1	7,669	75	4,271	4,304
France	39,890	7	10,428	(2)	29,462	10	8,614	(3)	2,542	(12)	5,522	25	3	(3,593)
German Dem Rep	10,841	28	661	45	10,181	27	2,462	9	1,223	36	1,319	11	580	(48)
Germany, Fed Rep	31,583	4	3,702	22	27,880	2	9,700	(4)	6,879	(1)	9,508	56	(537)	(960)
Greece	2,897	4	1,948	(2)	949	19	396	6	393	44	282	32	295	236
Hungary	6,836	22	3,035	24	3,801	21	1,262	14	357	24	511	35	917	(236)
Iceland	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Ireland	1,256	219	46	590	1,210	212	300	317	64	(48)	34	(71)	(29)	(314)
Italy	9,398	41	4,792	52	4,606	31	2,141	8	2,498	(6)	4,700	15	5,775	5,273
Luxembourg	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Malta	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Netherlands	1,118	19	109	190	1,008	11	405	50	89	(50)	2,038	34	387	188
Norway	10,397	19	875	74	9,521	15	2,283	12	683	18	1,589	33	1,390	1,462
Poland	23,663	8	3,905	118	19,758	(2)	6,575	(22)	2,113	16	1,333	0	(934)	(1,500)
Portugal	9,320	19	598	1	8,722	20	1,640	(9)	759	144	639	68	211	(247)
Romania	24,459	16	4,571	(13)	19,888	25	4,425	(2)	1,632	12	801	17	(185)	(47)
Spain	16,596	39	2,844	37	13,752	39	2,483	4	1,909	27	3,105	53	887	665
Sweden	52,507	(1)	4,424	69	48,083	(5)	11,565	4	1,341	(31)	7,390	52	1,852	5,643
Switzerland	4,767	23	883	24	3,884	23	1,676	16	657	11	1,083	56	(142)	266
United Kingdom	5,082	39	151	1	4,931	40	1,782	24	1,115	58	3,935	(1)	408	(105)
Yugoslavia	16,002	11	4,328	7	11,673	13	4,696	26	1,275	27	1,324	67	142	488
U.S.S.R.	374,857	(3)	86,800	6	288,057	(5)	100,400	(11)	13,340	37	10,095	14	(18,415)	(17,677)
OCEANIA	38,189	23	8,802	30	29,387	22	5,730	(2)	1,383	34	2,288	28	(5,659)	(9,670)
Australia	19,907	36	2,878	111	17,029	28	3,200	(8)	925	30	1,593	36	(3,620)	(6,912)
Fiji	249	49	37	200	212	37	91	7	9	26	0	0	0	(4)
New Zealand	9,341	(1)	50	(80)	9,291	1	2,275	9	429	47	695	14	(1,263)	(1,033)
Papua New Guinea	7,917	31	5,533	14	2,384	101	117	(18)	19	(13)	0	0	(537)	(1,414)
Solomon Islands	589	30	210	9	379	46	17	103	1	313	0	0	(241)	(297)

Source: Food and Agriculture Organization of the United Nations.

Notes: a. Imports of roundwood are shown as positive numbers; exports are represented by negative numbers.

0 = zero or less than half of the unit of measure; X = not available; negative numbers are shown in parentheses; m3 = cubic meters.

For additional information, see Sources and Technical Notes.

Appendix 3 (v)

	AGRICULTURE+FISH+FORESTR						AGRICULTURE+PECHE+FORETS						AGRICULTURA+PESCA+MONTES					
	IMPORTS		100 000\$				EXPORTS		100 000\$				EXPORTATIONS		100 000\$			
	IMPORTATIONS						EXPORTATIONS						EXPORTACION					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
WORLD	2989009	3133324	3058654	3388748	3890608	4305615	2724346	2874365	2757716	3096360	3532252	3981847	2724346	2874365	2757716	3096360	3532252	3981847
AFRICA	182072	185541	178754	169703	166209	194746	120001	130942	126796	147897	139858	143938	120001	130942	126796	147897	139858	143938
ALGERIA	26653	24664	28230	23836	22274	26016	379	490	577	269	306	338	379	490	577	269	306	338
ANGOLA	2984	3635	3653	2458	2892	3363	816	896	760	555	262	294	816	896	760	555	262	294
BENIN	1011	941	559	658	773	812	310	798	733	700	758	796	310	798	733	700	758	796
BOTSWANA	1317	1402	1197	1358	1306	1452	829	709	787	1024	555	408	829	709	787	1024	555	408
BURKINA FASO	787	901	910	872	799	905	528	724	498	508	879	1002	528	724	498	508	879	1002
BURUNDI	295	300	347	263	224	259	796	952	1036	1597	779	1253	796	952	1036	1597	779	1253
CAMEROON	1638	1382	1679	3187	2899	2778	4872	5379	5668	6884	6088	6381	4872	5379	5668	6884	6088	6381
CAPE VERDE	297	253	251	370	339	299	31	23	31	35	37	41	31	23	31	35	37	41
CENT AFR REP	311	178	226	289	253	270	752	667	833	766	575	643	752	667	833	766	575	643
CHAD	163	383	365	159	168	212	1162	1185	1163	1147	955	1113	1162	1185	1163	1147	955	1113
COMOROS	133	158	98	150	118	176	154	58	139	205	94	183	154	58	139	205	94	183
CONGO	950	1186	1184	1072	1088	1221	526	716	670	779	1093	1321	526	716	670	779	1093	1321
COTE D'IVOIRE	4768	4382	4353	5048	6042	5644	16269	21931	24239	26251	22404	21471	16269	21931	24239	26251	22404	21471
DJIBOUTI	851	794	779	861	930	993	37	40	47	39	50	57	37	40	47	39	50	57
EGYPT	39735	46846	46777	45263	44444	61009	7273	7559	6622	6741	6664	7376	7273	7559	6622	6741	6664	7376
EQ GUINEA	63	53	71	74	76	103	228	253	268	343	318	304	228	253	268	343	318	304
ETHIOPIA	1471	1263	3308	3280	2130	3813	3624	3801	3058	4502	3045	3541	3624	3801	3058	4502	3045	3541
GABON	1292	1338	1404	1387	1358	1375	1425	1499	1214	1479	1457	1453	1425	1499	1214	1479	1457	1453
GAMBIA	390	478	494	542	500	683	269	296	193	133	158	176	269	296	193	133	158	176
GHANA	1217	1202	1044	1024	1369	1563	3071	4241	4553	5711	6563	6060	3071	4241	4553	5711	6563	6060
GUINEA	492	686	620	723	808	916	344	225	155	259	253	255	344	225	155	259	253	255
GUIN BISSAU	125	105	119	124	228	275	68	134	119	89	88	92	68	134	119	89	88	92
KENYA	1574	2119	1720	1872	1652	1620	6311	7504	6875	9129	6830	7399	6311	7504	6875	9129	6830	7399
LESOTHO	1556	1326	1232	1253	1145	1203	198	224	167	133	103	105	198	224	167	133	103	105
LIBERIA	1150	1113	926	887	850	890	1402	1540	1550	1601	1492	1639	1402	1540	1550	1601	1492	1639
LIBYA	13584	13438	11764	12622	11772	12341	15	15	10	19	22	22	15	15	10	19	22	22
MADAGASCAR	1005	653	695	674	588	827	2597	2351	2326	2771	2936	1914	2597	2351	2326	2771	2936	1914
MALAWI	401	287	306	228	315	308	2330	2377	2343	2298	2568	2747	2330	2377	2343	2298	2568	2747
MALI	626	1475	1028	1246	780	967	1743	2282	1585	1839	1950	2083	1743	2282	1585	1839	1950	2083
MAURITANIA	1437	1178	1258	1078	1228	1361	1043	1319	1626	2103	2002	2002	1043	1319	1626	2103	2002	2002
MAURITIUS	1284	1322	1301	1245	1518	1614	2504	2182	2168	2931	3571	3696	2504	2182	2168	2931	3571	3696
MOROCCO	8467	10033	8580	8371	8118	9268	5836	5423	6054	7797	6533	9883	5836	5423	6054	7797	6533	9883
MOZAMBIQUE	1504	1585	1644	1193	1872	1932	985	798	721	741	831	922	985	798	721	741	831	922
NAMIBIA	241F	239F	239F	248F	249F	252F	1050	1032	1115	1240	1715	1720	1050	1032	1115	1240	1715	1720
NIGER	820	864	1174	906	780	1008	471	841	632	670	557	581	471	841	632	670	557	581
NIGERIA	24970	16793	15126	10516	9200	7624	4571	3577	3193	3311	2593	3403	4571	3577	3193	3311	2593	3403
REUNION	2230	2099	2210	2902	3309	3397	730	666	770	1124	1308	1527	730	666	770	1124	1308	1527
RWANDA	390	494	637	568	430	420	648	737	769	1690	1101	1067	648	737	769	1690	1101	1067
ST HELENA	15	17	23	24	23	26	1F			1F		1F	15					1F
SAO TOME PRN	44	50	59	49	74	66	111	99	73	61	59	61	111	99	73	61	59	61
SENEGAL	3051	3461	2639	2773	2673	3072	3252	2969	2444	3559	3491	4141	3252	2969	2444	3559	3491	4141
SEYCHELLES	169	182	177	208	249	264	38	31	31	21	63	62	38	31	31	21	63	62
SIERRA LEONE	599	477	673	970	902	952	328	371	612	573	512	399	328	371	612	573	512	399
SOMALIA	1247	1414	1317	1607	1546	1222	946	544	1003	981	960	800	946	544	1003	981	960	800
SOUTH AFRICA	13704	16529	10150	10463	11574	12626	16652	14624	14674	16839	18150	19089	16652	14624	14674	16839	18150	19089
SUDAN	2780	2552	3944	2745	2742	3018	5067	5859	3720	3127	4611	4318	5067	5859	3720	3127	4611	4318
SWAZILAND	579	640	520	383	492	493	2147	2204	1858	2329	2599	2479	2147	2204	1858	2329	2599	2479
TANZANIA	1061	1202	1077	1069	1020	1014	2868	3159	2629	3444	2490	2617	2868	3159	2629	3444	2490	2617
TOGO	894	833	818	840	930	1194	515	766	791	1032	1023	939	515	766	791	1032	1023	939
TUNISIA	6053	6439	5442	5612	5039	7797	1425	1836	1753	2203	2758	2748	1425	1836	1753	2203	2758	2748
UGANDA	215	211	189	251	271	248	3651	4139	4336	4079	3121	2926	3651	4139	4336	4079	3121	2926
ZAIRE	2197	2207	2888	2890	2808	2613	1912	2729	2401	3984	2340	1866	1912	2729	2401	3984	2340	1866
ZAMBIA	682	746	568	480	441	430	108	78	174	250	287	160	108	78	174	250	287	160
ZIMBABWE	589	1028	659	532	602	550	4773	4884	5023	5510	5743	5571	4773	4884	5023	5510	5743	5571
N C AMERICA	430906	488942	491134	513681	544481	588933	754145	792306	687496	697402	778051	954465	754145	792306	687496	697402	778051	954465
ARUBA	251	299	514	543	552	594	10	7	4	26	33F	37	10	7	4	26	33F	37
ANTIGUA-BARB	1685	1897	259	269	280	325	291	367	350	341	338	359	291	367	350	341	338	359
BAHAMAS	1107	1156	1098	1139	1189	1311	369	45										

	AGRICULTURE+FISH+FORESTR						AGRICULTURE+PECHE+FORETS						AGRICULTURA+PESCA+MONTES					
	IMPORTS IMPORTATIONS IMPORTACION						EXPORTS EXPORTATIONS EXPORTACION						100 000\$					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
USA	303005	350810	359134	382863	406452	422873	442592	461078	371115	358224	412804	534454						
SOUTH AMERIC	63481	63688	53521	64544	59268	62757	215360	240289	226513	222076	212423	244718						
ARGENTINA	4292	4288	3175	5776	5296	4321	60800	62413	58365	47605	40916	58210						
BOLIVIA	1285	830	1145	938	1330	1201	488	280	350	769	818	790						
BRAZIL	16695	17185	15618	28254	18476	15356	99513	116409	103969	87430	98276	107879						
CHILE	5824	5332	3096	2316	2728	3387	10890	12655	13536	16400	19747	21798						
COLOMBIA	7060	6617	5866	5049	5094	6020	20388	23566	23147	36447	23025	24381						
ECUADOR	3394	3232	2805	2390	2700	3096	6143	7466	8687	12166	11385	11205						
FALKLAND IS							50	48	44	43	50	67						
FR GUIANA	705	639	645	732	892	910	323	278	264	295	397	379						
GUYANA	278	249	228	254	290	339	1273	1276	1113	1369	1494	1125						
PARAGUAY	615	536	600	677	624	609	3119	3921	3980	2779	3369	4895						
PERU	6239	5199	3882	6381	7046	7446	3822	4773	5321	6659	5567	5573						
SURINAME	626	536	518	527	481	514	584	549	666	519	583	544						
URUGUAY	951	1081	800	1104	1295	1175	6636	4847	4569	6004	5557	6860						
VENEZUELA	15518	17965	15145	10145	13015	18385	1331	1808	2502	3592	1139	1012						
ASIA	750890	803104	735260	768714	932484	1104467	396341	435712	417076	469311	545264	619990						
AFGHANISTAN	1718	1857	1378	1877	2096	2205	2552	4049	2256	2396	2323	2315						
BAHRAIN	2969	3272	2951	2921	3026	3075	40	130	32	42	44	47						
BANGLADESH	5402	6151	8692	5266	6060	9270	2530	2940	3190	3101	3074	3112						
BHUTAN	66	68	94	113	114F	126	28	34	43	48	49F	50						
BRUNEI DARUS	1312	1411	1310	1439	1630	1635	41	61	63	101	101	101						
CHINA	86364	80435	72286	83394	112984	133605	64227	72103	80379	104397	122763	128029						
CYPRUS	2534	2577	2390	2516	2757	2786	1589	1967	1494	1885	2050	1972						
GAZA STRIP	331	382	346	271	275	279	785	911	752	924	735	789						
HONG KONG	43305	45752	45535	50327	65378	79874	13917	15856	18459	21411	25225	41332						
INDIA	18744	21523	18323	15360	18411	24868	26970	26090	25785	27787	28410	26633						
INDONESIA	17082	13754	11150	11750	14021	16322	34276	39037	42700	46154	55316	66369						
IRAN	31372	29872	23029	16449	22210	21216	1806	2035	2554	4072	3705	3734						
IRAQ	20169	28430	22434	17778	18323	25077	512	270	753	865	1244	870						
ISRAEL	11088	11303	10047	11425	12130	13043	8425	9189	8504	9183	10772	10179						
JAPAN	266896	287639	274947	313527	390634	461011	23806	24751	23457	26241	28771	29374						
JORDAN	6937	7070	6359	6493	6499	6503	1535	1432	1224	1450	1298	1068						
KAMPUCHEA DM	260	338	177	238	223	459	111	121	125	191	201	250						
KOREA DPR	2090	1875	1678	1879	2652	2912	1091	1056	1145	1186	1481	1536						
KOREA REP	41217	44470	40276	43124	55790	75673	14895	14899	14308	19875	25182	31863						
KUWAIT	11647	13406	11554	11474	11282	11890	1388	1550	1145	912	994	992						
LAOS	125	132	66	70	241	278	111	143	131	169	130	123						
LEBANON	6659	6946	6216	6184	5743	6964	1741	1387	1312	1375	1200	1330						
MACAU	1624	1652	1457	1576	2027	2180	207	222	231	221	264	258						
MALAYSIA	17911	19817	18059	16795	19120	22089	60001	63082	55265	51792	63723	78576						
MALDIVES	83	73	65F	80	73	95	66	104	155	158	190	300						
MONGOLIA	644	529	572	666	722	703	1685	1550	1343	1818	1728	1628						
MYANMAR	276	338	437	291	186	276	3773	2990	2784	3025	1962	1394						
NEPAL	728	703	717	703	817	1036	649	756	823	765	718	774						
OMAN	4255	4761	4921	4453	4406	4816	399	497	627	575	636	774						
PAKISTAN	8712	11984	12895	12607	10554	12137	8651	8634	7754	11457	10495	13484						
PHILIPPINES	8311	6566	6929	6790	8286	11343	19424	20371	15493	15558	17093	19188						
QATAR	2323	2794	2282	2454	2413	2621	872	964	1142	2122	2946	3974						
SAUDI ARABIA	53839	58672	44269	39505	40752	40953	20000	27979	24112	23749	26670	34108						
SINGAPORE	28340	34853	30038	29384	32312	41814	6591	9246	7341	5982	6162	6616						
SRI LANKA	3856	3368	4152	3956	3645	4880	2792	4124	2064	2368	1731	1796						
SYRIA	10489	9059	8941	6138	5488	5734	39494	44908	39212	46850	53315	68069						
THAILAND	8964	10199	9357	10975	14207	20744	24955	25215	23089	24252	26871	31362						
TURKEY	3453	8369	8434	8652	14520	11951	1988	2193	2444	1853	1905	1851						
U A EMIRATES	1362	2101	1931	2864	2775	2439	2047	2525	2667	2614	3378	3330						
VIET NAM	4855	4752	4611	3966	3593	4561	136	121	101	133	193	202						
YEMEN AR	2102	2856	2680	1936	1701	2248	234	220	272	237	215	216						
YEMEN DEM																		
EUROPE	1336043	1355406	1374714	1672789	1975752	2125967	1062743	1093718	1115716	1366824	1648326	1778233						
ALBANIA	248	245	298	240	192	373	447	329	316	420	347	618						
AUSTRIA	21166	21362	22302	28866	34202	35768	20306	20596	21009	27159	31991	33365						
BELGIUM-LUX	85824	88588	85933	103447	126630	136434	64562	68700	66434	84731	10940	108145						
BULGARIA	9943	9950	12534	12411	12043	13713	17971	16247	15820	16841	16837	18446						
CZECHOSLOVAK	18309	18339	19218	20451	21181	24360	9329	9158	9667	10222	10671	11046						
DENMARK	30995	30762	31153	42005	49317	51829	58200	56672	58623	74396	86812	90299						
FAEROE IS	271	281	293	441	545	521	1710	1575	1741	2277	2763	3032						
FINLAND	12406	12667	12321	14776	18210	19297	48300	53975	53232	62289	79470	88219						
FRANCE	163873	162374	164300	205236	247025	264961	176329	177450	184576	222653	270664	309082						

	AGRICULTURE+FISH+FORESTR						AGRICULTURE+PECHE+FORETS						AGRICULTURA+PESCA+MONTES					
	IMPORTS IMPORTATIONS IMPORTACION						EXPORTS EXPORTATIONS EXPORTACION						100 000\$					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
AMER SAMOA	202	368	299	306	266	279	55	68	107	251	181	181						
AUSTRALIA	17435	22088	22899	23555	25430	26240	74680	81009	86221	86202	88334	111071						
COOK ISLANDS	51	57	63	74	92	111	14	21	17	15	17	21						
FJI	965	897	918	848	880	978	1534	1585	1321	1660	2062	2039						
FR POLYNESIA	1235	1228	1178	1568	1692	1697	60	64	61	29	42	36						
GUAM	1014	608	643	555	573	565	91	17	16	17	17	17						
KIRIBATI	57	60	49	47	65	72	33	77	40	15	16	41						
NAURU	20	19	22	28	25	26												
NEWCALEDONIA	803	803	737	911	1005	1055	25	20	17	30	46	45						
NEW ZEALAND	4290	4833	5326	5335	6460	7372	41156	39793	38185	39208	47232	55105						
NIUE	9	6	8	10	10	9	3	1	1	1	1	1						
NORFOLK IS	13	14	11	16	17	16	1	2	3	4	7	7F						
PACIFIC IS	163	139	120	105	81	113	74	116	70	30	35	45						
PAPUA N GUIN	1828	1960	1736	1861	2096	2066	3478	5193	4114	4333	4278	4280						
SAMOA	161	171	149	157	156	163	157	193	151	106	118	132						
SOLOMON IS	127	164	167	148	150	153	630	877	721	629	516	557						
TONGA	129	137	139	138	153	163	44	79	43	50	46	41						
TUVALU	9	4	3	3	3	4	1	2										
VANUATU	217	221	216	169	127	125	262	387	256	123	133	151						
WALLIS ETC	12	28	8	10	10	11												
USSR	196878	202840	190580	163473	173122	187531	53458	51892	52777	60147	65249	66733						
DEVPED M E	1913269	2017431	2026801	2391803	2806389	3048532	1790008	1852008	1779985	2027626	2415022	2734845						
N AMERICA	358984	414526	419124	448680	478626	507444	639281	674100	565695	562589	657337	819517						
W EUROPE	1240870	1260513	1284308	1578817	1881535	2020798	985299	1018542	1041750	1287365	1564427	1690511						
OCEANIA	21725	26921	28225	28890	31891	33612	115835	120803	124405	125410	135566	166176						
OTH DEVPED	291689	315471	295144	335415	414339	486680	46593	46554	46935	52253	57692	58642						
DEVPING M E	692972	732883	674223	650460	697523	824267	734274	607932	765328	818924	838533	957775						
AFRICA	112268	106176	106118	98610	95676	105752	90584	102891	101779	121180	110414	112632						
LAT AMERICA	133983	136624	124109	127889	123140	142402	328279	357380	345632	354508	330015	376355						
NEAR EAST	232226	258906	226555	204745	216448	242024	55530	60494	51643	55356	59386	65508						
FAR EAST	206058	222815	209552	210607	252873	324638	251624	277350	257853	278204	328079	392374						
OTH DVPING	8437	8362	7888	8610	9386	9450	7705	9816	8420	9576	10639	10905						
CENTR PLANND	382771	383010	357630	346486	386696	432817	203064	204425	212405	249811	278698	289227						
ASIAN CPE	90720	85277	76644	89041	119357	140118	69161	77356	85562	110205	129551	134772						
E EUR+USSR	292051	297734	280986	257445	267339	292700	130902	127069	126743	139505	149148	154455						
DEVPED ALL	2205320	2315165	2307788	2649248	3073728	3341232	1920911	1989078	1906728	2167232	2564169	2889300						
DEVPING ALL	783692	818160	750867	739501	816880	964385	803436	855288	850989	929129	968084	1092547						

Appendix 3 (vi)

11. THE IMPORTANCE OF AGRICULTURE IN THE ECONOMY

COUNTRY	AGRIC. POPULATION AS % TOTAL POPULATION 1987	AGRIC. EXPORTS AS % TOTAL EXPORTS 1987	AGRIC. IMPORTS AS % TOTAL IMPORTS 1987	SHARE OF TOTAL IMPORTS FINANCED BY AGR. EXPORTS % 1987
ARGENTINA	11	52	7	80
BOLIVIA	43	6	9	5
BRAZIL	26	33	9	51
CHILE	14	16	6	21
COLOMBIA	29	45	9	54
ECUADOR	33	33	5	30
FRENCH GUIANA	28	8	20	1
GUYANA	24	48	10	43
PARAGUAY	48	56	8	31
PERU	38	9	20	7
SURINAME	17	14	11	14
URUGUAY	14	42	8	45
VENEZUELA	12	1	12	1
AFGHANISTAN	57	44	16	28
BANGLADESH	70	14	27	7
BHUTAN	91			
BRUNEI DARUSSALAM	54		20	1
BURMA	49	35	5	37
CHINA (EXC TAIWAN)	70	17	5	15
CYPRUS	22	33	13	14
HONG KONG	1	4	10	4
INDIA	64	21	5	14
INDONESIA	47	19	5	22
IRAN	29	2	22	3
IRAQ	23	1	43	1
ISRAEL	5	11	7	8
JAPAN	7		14	1
JORDAN	7	14	25	4
KAMPUCHEA, DEMOCRATIC	71	91	12	11
KOREA DPR	35	5	12	4
KOREA REP	25	2	10	2
KUWAIT	2	1	20	1
LAOS	73	6	15	3
LEBANON	11	34	26	7
MALAYSIA	33	22	11	31
MALDIVES	66		11	
MONGOLIA	33	20	5	13
NEPAL	92	37	15	10
OMAN	43	1	14	1
PAKISTAN	54	25	17	18
PHILIPPINES	48	20	5	16
QATAR	2		19	
SAUDI ARABIA KINGDOM OF	42	1	15	1
SINGAPORE	1	6	8	6
SRI LANKA	52	43	15	29
SYRIA	26	6	25	9
THAILAND	63	33	5	30
TURKEY	47	25	9	18
UNITED ARAB EMIRATES	3	1	15	2
VIET NAM	63	52	68	41
YEMEN ARAB REPUBLIC	65	59	31	2
YEMEN DEMOCRATIC	34	2	10	1

11. THE IMPORTANCE OF AGRICULTURE IN THE ECONOMY

COUNTRY	AGRIC. POPULATION AS % TOTAL POPULATION 1987	AGRIC. EXPORTS AS % TOTAL EXPORTS 1987	AGRIC. IMPORTS AS % TOTAL IMPORTS 1987	SHARE OF TOTAL IMPORTS FINANCED BY AGR. EXPORTS % 1987
ALGERIA	25		28	
ANGOLA	71	1	17	2
BENIN	64	79	22	29
BOTSWANA	65	3	12	6
BURKINA FASO	85	92	24	19
BURUNDI	92	85	10	34
CAMEROON	64	33	12	27
CAPE VERDE	46	20	43	1
CENTRAL AFRICAN REPUBLIC	66	27	8	15
CHAD	77	69	9	49
COMOROS	80	45	27	23
CONGO	60	1	11	2
COTE D'IVOIRE	59	59	21	94
DJIBOUTI	78	30	36	2
EGYPT	42	17	22	4
EQUATORIAL GUINEA	59	30	14	38
ETHIOPIA	76	65	18	27
GABON	70		12	1
GAMBIA	82	57	41	20
GHANA	52	62	14	59
GUINEA	76	6	17	6
GUINEA-BISSAU	80	47	28	16
KENYA	78	68	7	37
LESOTHO	82	37	27	3
LIBERIA	71	28	30	42
LIBYA	13		22	
MADAGASCAR	78	88	14	70
MALAWI	78	89	4	84
MALI	82	53	5	28
MAURITANIA	66	7	32	8
MAURITIUS	24	38	12	35
MOROCCO	39	16	17	10
MOZAMBIQUE	82	58	28	11
NAMIBIA	37			
NIGER	89	19	24	21
NIGERIA	66	3	14	4
REUNION	13	85	20	9
RWANDA	92	98	11	31
SAO TOME AND PRINCIPE	68	43	21	27
SENEGAL	79	12	22	9
SEYCHELLES	78	3	16	1
SIERRA LEONE	65	28	68	28
SOMALIA	72	82	74	43
SOUTH AFRICA	17	6	5	9
SUDAN	64	97	33	54
SWAZILAND	69	64	17	46
TANZANIA	81	74	9	30
TOGO	71	43	24	28
TUNISIA	27	9	13	6
UGANDA	82	62	10	89
ZAIRE	67	20	25	27
ZAMBIA	70	5	6	4
ZIMBABWE	70	58	4	58
BARBADOS	7	26	17	8
BELIZE	35	69	23	42
BERMUDA	3		19	
CANADA	4	8	6	8
COSTA RICA	26	65	7	54
CUBA	21	89	10	63
DOMINICA	29	90	28	80
DOMINICAN REPUBLIC	39	54	12	21
EL SALVADOR	40	67	13	40
GRENADA	30	48	21	19
GUADELOUPE	11	78	21	7
GUATEMALA	53	82	21	123
HAITI	62	25	33	12
HONDURAS	59	63	7	47
JAMAICA	31	28	16	15
MARTINIQUE	9	69	19	12
MEXICO	32	10	15	17
NICARAGUA	41	76	10	24
PANAMA	27	41	10	11
TRINIDAD AND TOBAGO	8	4	26	5
UNITED STATES	3	13	5	8

11. THE IMPORTANCE OF AGRICULTURE IN THE ECONOMY

COUNTRY	AGRIC. POPULATION AS % TOTAL POPULATION 1987	AGRIC. EXPORTS AS % TOTAL EXPORTS 1987	AGRIC. IMPORTS AS % TOTAL IMPORTS 1987	SHARE OF TOTAL IMPORTS FINANCED BY AGR. EXPORTS % 1987
AUSTRIA	6	4	7	3
BELGIUM-LUXEMBOURG	2	11	12	11
BULGARIA	13	11	6	10
CZECHOSLOVAKIA	10	3	8	3
DENMARK	5	25	10	26
FINLAND	9	4	6	4
FRANCE	6	17	11	15
GERMAN DEMOCRATIC REP.	9	2	5	2
GERMANY, FED. REP. OF	3	5	13	7
GREECE	23	31	19	15
HUNGARY	14	20	9	19
ICELAND	7	2	8	2
IRELAND	14	27	13	32
ITALY	7	7	16	6
MALTA	4	4	12	2
NETHERLANDS	4	24	15	24
NORWAY	6	2	5	2
POLAND	20	11	14	12
PORTUGAL	20	7	13	5
ROMANIA	20	7	5	8
SPAIN	12	17	11	12
SWEDEN	5	2	7	2
SWITZERLAND	4	3	8	3
UNITED KINGDOM	2	8	12	6
USSR	15	3	17	3
YUGOSLAVIA	23	9	9	8
AUSTRALIA	5	34	5	33
FIJI	41	55	18	46
FRENCH POLYNESIA	15	5	18	
KIRIBATI	15	43	38	9
NEW CALEDONIA	47		14	
NEW ZEALAND	10	54	7	59
PAPUA NEW GUINEA	70	24	14	27
SOLOMON ISLANDS	48	18	18	21
TOKELAU	16			
TONGA	15	81	34	9
VANUATU	48	54	17	16

Appendix 4 (ii)

ANNUAL DEFORESTATION AND REAFFORESTATION RATES AROUND 1980
IN TROPICAL COUNTRIES/TERRITORIES BY REGIONS/SUBREGIONS
(in million ha.)

Forest classes Tropical regions/subregions 2/	D E F O R E S T A T I O N								R E A F F O R E S T A T I O N (areas)			Ratio deforest. reafforest.
	Broadleaved forests				Coniferous forests		All forests ^{1/}		Broad.	Coniferous	Total	
	Closed	Open			area	%	area	%				
area	%	area	%	area					%	area	%	
West Sahelian Africa	-0.03	-1.1	-0.36	-0.9	-	-	-0.39	-0.9	+0.01		+0.01	38.9
East Sahelian Africa	-0.03	-0.5	-0.65	-0.8	-0.01	-0.7	-0.69	-0.8	+0.03	+0.01	+0.04	18.9
West Coast Africa	-0.70	-4.1	-0.50	-1.4	-	-	-1.20	-2.2	+0.03	+ e*	+0.03	32.9
Central Africa	-0.31	-0.2	-0.27	-0.2	-	-	-0.58	-0.2	+ e	+ e	+ e	191.7
Tropical Southern Africa	-0.11	-1.2	-0.59	-0.3	-	-	-0.70	-0.3	+0.02	+0.02	+0.04	24.3
Insular Africa	-0.15	-1.4	-0.01	-0.2	-	-	-0.16	-1.2	+ e	+ e	+0.01	12.6
Tropical Africa	-1.33	-0.6	-2.38	-0.5	-0.01	-0.7	-3.72	-0.5	+0.10	+0.03	+0.13	29.1
Central America and Mexico	-0.80	-1.9	-0.02	-0.8	-0.20	-0.9	-1.02	-1.5	+0.01	+0.02	+0.03	31.9
Caribbean Subregion (including Guyanas & Belize)	-0.02	- e *	- e	-0.1	- e	-0.2	-0.03	-0.1	+ e	+0.01	+0.01	1.8
Tropical South America	-3.18	-0.6	-1.29	-0.6	-0.13	-8.2	-4.60	-0.6	+0.34	+0.15	+0.49	9.4
Tropical America	-4.00	-0.6	-1.31	-0.6	-0.33	-1.3	-5.65	-0.6	+0.35	+0.18	+0.53	10.6
South Asia	-0.28	-0.5	- e	- e	-0.02	-0.3	-0.31	-0.5	+0.17	+0.01	+0.18	1.7
Continental Southeast Asia	-0.35	-0.9	-0.13	-2.0	- e	-0.5	-0.48	-1.0	+0.02	+ e	+0.02	19.7
Insular Southeast Asia	-0.95	-0.7	-0.02	-0.7	- e	-0.2	-0.97	-0.7	+0.11	+0.09	+0.20	4.8
Indochina	-0.18	-0.8	-0.04	-0.3	- e	-1.1	-0.23	-0.6	+0.02	+0.01	+0.03	7.4
Tropical Asia	-1.76	-0.7	-0.19	-0.7	-0.03	-0.4	-1.99	-0.7	+0.32	+0.11	+0.43	4.6
Pacific Islands (including Papua New Guinea)	-0.03	-0.1	- e	- e	- e	- e	-0.03	-0.1	+ e	+0.01	+0.01	2.8
Tropical world	-7.12	-0.6	-3.88	-0.5	-0.37	-1.1	-11.38	-0.6	+0.77	+0.33	+1.10	10.3

*e (area) = less than 5,000 ha.

*e (%) = less than 0.05%

^{1/} includes also bamboo forests in addition to broadleaved and coniferous forests^{2/} List of countries in the regions/subregions is given in Appendix 1.

Appendix 4 (iii)

Table 19.1 Forest Resources, 1980s

	Extent of Forest and Woodland, 1980s (000 hectares)			Average Annual Deforestation, 1980s						Average Annual Reforestation 1980s (000 ha)	Managed Closed Forest 1980s (000 ha)	Protected Closed Forest 1980s (000 ha)
				Closed Forest		Open Forest		Total Forest				
	Extent (000 ha)	Percent	Extent (000 ha)	Percent	Extent (000 ha)	Percent						
		Closed	Open	Total								
WORLD	2,838,770	1,242,768	4,081,538									
AFRICA	219,811	464,591	684,402	1,359	0.6	2,406	0.5	3,822	0.6	355	2,327	9,434
Algeria	1,518	249	1,767	X	X	X	X	40	2.3	66	X	8
Angola	2,900	50,700	53,600	44	1.5	50	0.1	94	0.2	4	X	X
Benin	47	3,820	3,867	1	2.6	66	1.7	67	1.7	0	X	X
Botswana	0	32,560	32,560	X	X	20	0.1	20	0.1	X	X	0
Burkina Faso	271	4,464	4,735	3	1.1	77	1.7	80	1.7	3	X	X
Burundi	27	14	41	1	2.6	0	2.9	1	2.7	3	X	9
Cameroon	16,500	6,800	23,300	100	0.6	90	1.3	190	0.8	2	X	X
Cape Verde	X	X	X	X	X	X	X	X	X	1	X	X
Central African Rep	3,590	32,300	35,890	5	0.1	50	0.2	55	0.2	X	X	X
Chad	500	13,000	13,500	X	X	80	0.6	80	0.6	0	X	0
Comoros	16	X	16	1	3.1	X	X	1	3.1	0	X	X
Congo	21,340	X	21,340	22	0.1	X	X	22	0.1	0	X	130
Cote d'Ivoire	4,458	5,376	9,834	290	6.5	220	4.1	510	5.2	8	1	648
Djibouti	2	68	70	X	X	X	X	X	X	X	X	X
Egypt	X	X	X	X	X	X	X	X	X	2	X	X
Equatorial Guinea	1,295	X	1,295	3	0.2	X	X	3	0.2	X	X	X
Ethiopia	4,350	22,800	27,150	8	0.2	80	0.4	88	0.3	13	X	X
Gabon	20,500	75	20,575	15	0.1	X	X	15	0.1	1	X	X
Gambia, The	65	150	215	2	3.4	3	2.0	5	2.4	0	X	X
Ghana	1,718	6,975	8,693	22	1.3	50	0.7	72	0.8	2	1,157	397
Guinea	2,050	8,600	10,650	36	1.8	50	0.6	86	0.6	0	X	0
Guinea-Bissau	660	1,445	2,105	17	2.6	40	2.8	57	2.7	0	X	X
Kenya	1,105	1,255	2,360	19	1.7	20	1.5	39	1.7	13	70	455
Lesotho	X	X	X	X	X	X	X	X	X	3	X	X
Liberia	2,000	40	2,040	46	2.3	X	X	45	2.3	3	X	X
Libya	134	55	190	X	X	X	X	X	X	39	X	X
Madagascar	10,300	2,900	13,200	150	1.5	6	0.2	155	1.2	15	X	550
Malawi	185	4,085	4,271	X	X	150	3.7	150	3.5	1	X	145
Mali	500	6,750	7,250	X	X	36	0.5	35	0.5	1	X	X
Mauritania	29	525	554	1	2.4	13	2.4	13	2.4	0	X	X
Mauritius	3	X	3	0	3.3	X	X	0	3.3	0	X	X
Morocco	1,533	1,703	3,236	X	X	X	X	13	0.4	16	421	7
Mozambique, People's Rep	935	14,500	15,435	10	1.1	110	0.8	120	0.8	5	X	25
Niger	100	2,450	2,550	3	2.5	65	2.5	67	2.6	3	X	X
Nigeria	5,950	8,800	14,750	300	5.0	100	1.1	400	2.7	32	0	X
Rwanda	120	110	230	3	2.6	2	1.8	5	2.3	4	X	11
Senegal	220	10,825	11,045	X	X	50	0.5	50	0.5	4	0	53
Sierra Leone	740	1,315	2,055	6	0.8	X	X	6	0.3	0	X	X
Somalia	1,540	7,510	9,050	4	0.2	10	0.1	14	0.1	2	X	X
South Africa	300	X	300	X	X	X	X	X	X	63	10	253
Sudan	650	47,000	47,650	4	0.6	500	1.1	504	1.1	17	50	X
Swaziland	4	70	74	X	X	X	X	0	X	7	X	X
Tanzania	1,440	40,600	42,040	10	0.7	120	0.3	130	0.3	11	0	410
Togo	304	1,380	1,684	2	0.7	10	0.7	12	0.7	1	X	X
Tunisia	186	111	297	X	X	X	X	5	1.7	4	163	X
Uganda	765	5,250	6,015	10	1.3	40	0.8	50	0.6	2	440	45
Zaire	105,750	71,840	177,590	182	0.2	188	0.3	370	0.2	1	X	5,690
Zambia	3,010	26,500	29,510	40	1.3	30	0.1	70	0.2	3	5	220
Zimbabwe	200	19,620	19,820	0	X	80	0.4	80	0.4	6	X	X
NORTH & CENTRAL AMERICA	541,009	261,276	802,285	1,072	0.2	20	0.0	1,251	0.1	2,552	102,884	36,812
Barbados	X	X	X	X	X	X	X	X	X	X	X	X
Canada	264,100	172,300	436,400	X	X	X	X	X	X	720	X	4,870
Costa Rica	1,638	160	1,798	124	7.6	X	X	124	6.9	1	X	320
Cuba	1,455	X	1,455	2	0.2	X	X	2	0.1	14	200	X
Dominican Rep	629	X	629	4	0.6	X	X	4	0.6	1	X	X
El Salvador	141	X	141	5	3.2	X	X	5	3.2	0	X	X
Guatemala	4,442	100	4,542	90	2.0	X	X	90	2.0	10	X	62
Haiti	48	X	48	2	3.8	X	X	2	3.6	0	X	X
Honduras	3,797	200	3,997	90	2.3	X	X	90	2.3	X	58	X
Jamaica	67	X	67	2	3.0	X	X	2	3.0	1	X	2
Mexico	46,250	2,100	48,350	595	1.3	20	1.0	615	1.3	28	X	360
Nicaragua	4,496	X	4,496	121	2.7	X	X	121	2.7	1	250	X
Panama	4,165	X	4,165	36	0.9	X	X	36	0.9	1	X	X
Trinidad and Tobago	208	X	208	1	0.4	X	X	1	0.4	1	14	X
United States	209,573	86,416	295,989	X	X	X	X	159	0.1	1,775	102,362	31,198
SOUTH AMERICA	653,605	204,520	858,125	9,837	1.5	1,293	0.6	11,180	1.3	760	0	16,761
Argentina	44,500	X	44,500	X	X	X	X	X	X	50	X	2,594
Bolivia	44,010	22,750	66,760	87	0.2	30	0.1	117	0.2	2	X	X
Brazil	357,480	157,000	514,480	8,000	2.2	1,050	0.7	9,050	1.8	561	0	4,660
Chile	7,550	X	7,550	X	X	X	X	50	0.7	93	X	845
Colombia	46,400	5,300	51,700	820	1.8	70	1.3	890	1.7	11	X	2,280
Ecuador	14,250	480	14,730	340	2.4	0	X	340	2.3	6	X	350
Guyana	18,475	220	18,695	2	0.0	1	0.2	3	0.0	0	X	12
Paraguay	4,070	15,640	19,710	190	4.7	22	0.1	212	1.1	1	X	90
Peru	69,680	960	70,640	270	0.4	0	X	270	0.4	8	X	850
Suriname	14,830	170	15,000	3	0.0	X	X	3	0.0	0	X	580
Uruguay	490	X	490	X	X	X	X	X	X	6	X	X
Venezuela	31,870	2,000	33,870	125	0.4	120	6.0	245	0.7	24	X	4,500

Table 19.1

	Extent of Forest and Woodland, 1980s (000 hectares)			Average Annual Deforestation, 1980s						Average Annual Reforestation	Managed Closed Forest	Protected Closed Forest
				Closed Forest		Open Forest		Total Forest				
				Extent		Extent		Extent		1980s	1980s	1980s
	Closed	Open	Total	(000 ha)	Percent	(000 ha)	Percent	(000 ha)	Percent	(000 ha)	(000 ha)	(000 ha)
ASIA	409,418	82,147	491,565	3,931	1.0	57	0.1	4,405	0.9	5,708	48,705	19,417
Afghanistan	810	400	1,210	X	X	X	X	0	X	X	100	X
Bahrain	X	X	X	X	X	X	X	X	X	X	X	X
Bangladesh	927	X	927	8	0.9	X	X	8	0.9	21	795	52
Bhutan	2,100	40	2,140	1	0.1	X	X	1	0.1	1	0	X
China	97,847	17,200	115,047	X	X	X	X	0	X	4,552	X	1,635
Cyprus	153	24	177	X	X	X	X	X	X	X	153	25
India	36,540	27,660	64,200	1,500	4.1	X	X	1,500	2.3	173	31,917	6,743
Indonesia	113,895	3,000	116,895	900	0.8	20	0.7	920	0.8	164	40	5,430
Iran, Islamic Rep	2,750	1,000	3,750	X	X	X	X	20	0.5	X	400	120
Iraq	70	1,160	1,230	X	X	X	X	X	X	X	X	X
Israel	80	20	100	X	X	X	X	X	X	2	56	7
Japan	23,890	1,390	25,280	X	X	X	X	X	X	240	X	X
Jordan	X	50	50	X	X	X	X	0	X	3	X	X
Kampuchea, Dem	7,548	5,100	12,648	25	0.3	5	0.1	30	0.2	0	X	X
Korea, Dem People's Rep	4,800	X	4,800	X	X	X	X	X	X	200	X	X
Korea, Rep	4,887	X	4,887	X	X	X	X	X	X	84	X	X
Kuwait	X	X	X	X	X	X	X	X	X	X	X	X
Lao People's Dem Rep	8,410	5,215	13,625	100	1.2	30	0.6	130	1.0	2	X	X
Lebanon	X	20	20	X	X	X	X	0	X	X	X	X
Malaysia	20,996	X	20,996	255	1.2	X	X	255	1.2	25	2,499	959
Mongolia	9,528	X	9,528	X	X	X	X	X	X	X	X	X
Myanmar	31,941	X	31,941	677	2.1	X	X	677	2.1	0	3,419	299
Nepal	1,941	180	2,121	84	4.3	X	X	84	4.0	5	X	330
Oman	X	X	X	X	X	X	X	X	X	X	X	X
Pakistan	2,185	295	2,480	7	0.3	2	0.7	9	0.4	9	410	15
Philippines	9,510	X	9,510	143	1.5	X	X	143	1.5	63	X	690
Qatar	X	X	X	X	X	X	X	X	X	X	X	X
Saudi Arabia	30	170	200	X	X	X	X	0	X	X	X	X
Singapore	X	X	X	X	X	X	X	X	X	X	X	X
Sri Lanka	1,659	X	1,659	58	3.5	X	X	58	3.5	16	X	193
Syrian Arab Rep	60	90	150	X	X	X	X	0	X	X	60	X
Thailand	9,235	6,440	15,675	X	X	X	X	397	2.5	31	X	2,220
Turkey	8,856	11,343	20,199	X	X	X	X	X	X	82	8,856	139
United Arab Emirates	X	X	X	X	X	X	X	X	X	X	X	X
Viet Nam	8,770	1,340	10,110	173	2.0	X	X	173	1.7	36	X	560
Yemen Arab Rep	X	10	10	X	X	X	X	0	X	X	X	X
Yemen, People's Dem Rep	X	X	X	X	X	X	X	X	X	X	X	X
EUROPE	137,005	21,887	158,892	X	X	X	X	X	X	1,031	74,628	1,732
Albania	1,280	0	1,280	X	X	X	X	X	X	X	X	X
Austria	3,754	0	3,754	X	X	X	X	X	X	21	1,489	0
Belgium	682	80	762	X	X	X	X	X	X	19	272	0
Bulgaria	3,328	400	3,728	X	X	X	X	X	X	50	3,600	100
Czechoslovakia	4,435	145	4,580	X	X	X	X	X	X	37	4,435	X
Denmark	466	18	484	X	X	X	X	X	X	X	330	56
Finland	19,885	3,340	23,225	X	X	X	X	X	X	158	10,578	294
France	13,875	1,200	15,075	X	X	X	X	X	X	51	2,957	92
German Dem Rep	2,700	285	2,985	X	X	X	X	X	X	X	2,697	85
Germany, Fed Rep	6,989	218	7,207	X	X	X	X	X	X	62	3,886	X
Greece	2,512	3,242	5,754	X	X	X	X	X	X	X	1,603	55
Hungary	1,612	25	1,637	X	X	X	X	X	X	19	1,612	41
Iceland	X	100	100	X	X	X	X	X	X	X	X	X
Ireland	347	33	380	X	X	X	X	X	X	9	298	0
Italy	6,363	1,700	8,063	X	X	X	X	X	X	15	699	162
Luxembourg	X	X	X	X	X	X	X	X	X	X	38	0
Malta	X	X	X	X	X	X	X	X	X	X	X	X
Netherlands	294	61	355	X	X	X	X	X	X	2	225	0
Norway	7,635	1,066	8,701	X	X	X	X	X	X	79	1,130	60
Poland	8,588	138	8,726	X	X	X	X	X	X	106	8,099	103
Portugal	2,627	349	2,976	X	X	X	X	X	X	4	X	7
Romania	6,265	410	6,675	X	X	X	X	X	X	X	5,940	X
Spain	6,906	3,905	10,811	X	X	X	X	X	X	92	2,007	40
Sweden	24,400	3,442	27,842	X	X	X	X	X	X	207	14,301	230
Switzerland	935	189	1,124	X	X	X	X	X	X	7	627	7
United Kingdom	2,027	151	2,178	X	X	X	X	X	X	40	1,505	0
Yugoslavia	9,100	1,390	10,490	X	X	X	X	X	X	53	6,300	400
U.S.S.R.	791,600	137,000	928,600	X	X	X	X	X	X	4,540	791,600	20,000
OCEANIA	86,322	71,347	157,669	25	0.0	1	0.0	26	0.0	117	0	55
Australia	41,658	65,085	106,743	X	X	X	X	X	X	62	X	X
Fiji	811	0	811	2	0.2	X	X	2	0.2	9	X	X
New Zealand	7,200	2,300	9,500	X	X	X	X	X	X	43	X	X
Papua New Guinea	34,230	3,945	38,175	22	0.1	1	0.0	23	0.1	2	0	55
Solomon Islands	2,423	17	2,440	1	0.0	X	X	1	0.0	1	X	X

Sources: Food and Agriculture Organization of the United Nations, United Nations Economic Commission for Europe, and country data sources.

Notes: a. Stocks for 1986. b. Annual deforestation for 1976-86. c. Annual deforestation for 1977-83. d. Stocks for 1987. e. Annual deforestation for 1977-87. f. Annual deforestation for 1987; please refer to technical notes for other estimates on deforestation. g. Stocks for 1982. h. Annual deforestation for 1975-82. i. Annual deforestation for 1979-84. j. Annual deforestation for 1975-81. k. Annual deforestation for 1981-88. l. Annual deforestation for 1978-85. m. Annual deforestation for 1976-81. Deforestation of total forest area for some countries may not match, because of missing information in some classes.

Regional and world totals include listed countries with data only.

0 = zero or less than half the unit of measure; X = not available.

For additional information, see Sources and Technical Notes.

Appendix 5 (i)

21. DISTRIBUTION OF OFFICIAL COMMITMENTS (EXCLUDING TECHNICAL ASSISTANCE GRANTS) TO AGRICULTURE (BROAD DEFINITION) FROM ALL SOURCES, BY REGION AND ECONOMIC GROUPS, 1980-87

	1980	1981	1982	1983	1984	1985	1986	1987 ^a
	%							
CONCESSIONAL AND NON-CONCESSIONAL COMMITMENTS								
FAR EAST AND PACIFIC	46	42	48	42	46	46	40	40
AFRICA	22	28	29	26	28	26	27	34
LATIN AMERICA	24	23	18	24	18	19	24	22
NEAR EAST	8	7	5	9	7	10	9	4
TOTAL 4 DEVELOPING REGIONS	100	100	100	100	100	100	100	100
OF WHICH:								
LOW-INCOME FOOD DEFICIT COUNTRIES ^b	65	61	64	58	65	61	53	64
CONCESSIONAL COMMITMENTS								
FAR EAST AND PACIFIC	50	49	46	48	51	49	48	46
AFRICA	26	32	40	31	34	30	37	40
LATIN AMERICA	13	12	9	12	8	12	7	8
NEAR EAST	10	8	6	9	8	8	8	7
TOTAL 4 DEVELOPING REGIONS	100	100	100	100	100	100	100	100
OF WHICH:								
LOW-INCOME FOOD DEFICIT COUNTRIES ^b	77	73	76	70	75	69	67	75
NON-CONCESSIONAL COMMITMENTS								
FAR EAST AND PACIFIC	37	29	52	33	39	40	32	29
AFRICA	12	21	11	19	18	18	18	22
LATIN AMERICA	47	46	34	40	36	30	40	49
NEAR EAST	4	5	3	8	7	12	9	—
TOTAL 4 DEVELOPING REGIONS	100	100	100	100	100	100	100	100
OF WHICH:								
LOW-INCOME FOOD DEFICIT COUNTRIES ^b	37	37	43	42	47	47	40	43

^a PRELIMINARY^b 69 COUNTRIES REDEFINED BY THE WORLD BANK AT A LEVEL OF GNP PER HEAD OF \$940 IN 1987

SOURCE: FAO COMPUTERIZED DATA BANK ON EXTERNAL ASSISTANCE TO AGRICULTURE

Appendix 5 (ii)

**Table 7-2. Projects Approved for IBRD and IDA Assistance in Fiscal Year 1990,
by Sector**
(millions of US dollars)

Sector ^a	IBRD	IDA	Total
Agriculture and Rural Development			
Algeria—Area development	32.0	—	32.0
Bangladesh—Fishing	—	44.6	44.6
Bangladesh—Irrigation and drainage	—	53.9	53.9
Benin—Agricultural credit	—	2.5	2.5
Bolivia—Area development	—	35.0	35.0
Brazil—Area development	33.0	—	33.0
Brazil—Agricultural credit	117.0	—	117.0
Brazil—Irrigation and drainage	210.0	—	210.0
Brazil—Irrigation and drainage	100.0	—	100.0 ^b
Brazil—Research and extension	47.0	—	47.0
Burundi—Agroindustry	—	28.0	28.0
Cameroon—Research and extension	21.0	—	21.0
Central African Republic—Forestry	—	19.0	19.0
China—Area development	—	60.0	60.0
China—Area development	—	150.0	150.0
China—Forestry	—	300.0	300.0
Colombia—Irrigation and drainage	78.2	—	78.2
Côte d'Ivoire—Area development	150.0	—	150.0
Côte d'Ivoire—Forestry	80.0	—	80.0
Egypt, Arab Republic of—Irrigation and drainage	31.0	—	31.0
Guinea—Area development	—	40.0	40.0
Guinea—Forestry	—	8.0	8.0
Hungary—Agriculture sector loan	100.0	—	100.0
India—Area development	7.0	55.0	62.0
India—Area development	13.0	75.0	88.0
India—Irrigation and drainage	15.0	150.0	165.0
Indonesia—Forestry	20.0	—	20.0
Jamaica—Agriculture sector loan	25.0	—	25.0
Kenya—Perennial crops	—	46.8	46.8
Lao People's Democratic Republic—Perennial crops	—	20.2	20.2
Madagascar—Agriculture sector loan	—	26.0	26.0
Madagascar—Research and extension	—	3.7	3.7
Malawi—Agriculture sector loan	—	70.0	70.0
Malaysia—Perennial crops	71.0	—	71.0
Mali—Agriculture sector loan	—	53.0	53.0
Mauritania—Agriculture sector loan	—	25.0	25.0
Mexico—Agroindustry	100.0	—	100.0
Mexico—Forestry	45.5	—	45.5
Morocco—Forestry	49.0	—	49.0
Nepal—Irrigation and drainage	—	47.2	47.2
Niger—Research and extension	—	19.9	19.9
Nigeria—Area development	14.0	—	14.0
Nigeria—Perennial crops	106.0	—	106.0
Pakistan—Agricultural credit	148.5	1.5	150.0
Pakistan—Research and extension	—	57.3	57.3
Philippines—Perennial crops	121.8	—	121.8
Poland—Agroindustry	100.0	—	100.0
Senegal—Research and extension	—	17.1	17.1

Sector ^a	IBRD	IDA	Total
Agriculture and Rural Development (continued)			
Senegal—Research and extension	—	18.5	18.5
Somalia—Irrigation and drainage	—	28.5	28.5
Tanzania—Agriculture sector loan	—	200.0	200.0
Tunisia—Research and extension	17.0	—	17.0
Turkey—Research and extension	63.0	—	63.0
Uruguay—Agricultural credit	65.0	—	65.0
Zaire—Research and extension	—	5.9	5.9
Zimbabwe—Forestry	14.5	—	14.5
Total	1,994.5	1,661.6	3,656.1
Development Finance Companies			
Bangladesh	—	175.0	175.0
Bolivia	—	9.1	9.1 ^b
Caribbean region	20.0	12.0	32.0
Chile	130.0	—	130.0
Guinea-Bissau	—	23.6	23.6
Kenya	—	44.0	44.0 ^b
Malawi	—	4.7	4.7 ^b
Morocco	170.0	—	170.0
Philippines	65.0	—	65.0
Poland	260.0	—	260.0
Senegal	—	45.0	45.0
Tanzania	—	10.3	10.3 ^b
Tonga	—	3.0	3.0
Venezuela	300.0	—	300.0
Total	945.0	326.7	1,271.7
Education			
Bangladesh	—	159.3	159.3
China	—	50.0	50.0
Djibouti	—	5.8	5.8
Egypt, Arab Republic of	30.5	—	30.5
Gambia, The	—	14.6	14.6
Ghana	—	50.0	50.0
Guinea	—	20.0	20.0
India	25.0	235.0	260.0
Indonesia	154.2	—	154.2
Indonesia	36.1	—	36.1
Indonesia	117.5	—	117.5
Korea, Republic of	45.0	—	45.0
Korea, Republic of	31.6	—	31.6
Madagascar	—	39.0	39.0
Malawi	—	36.9	36.9
Nigeria	—	120.0	120.0
Pakistan	—	112.5	112.5
Somalia	—	26.1	26.1
Sri Lanka	—	49.0	49.0
Tanzania	—	38.3	38.3
Turkey	90.2	—	90.2
Total	530.1	956.5	1,486.6

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