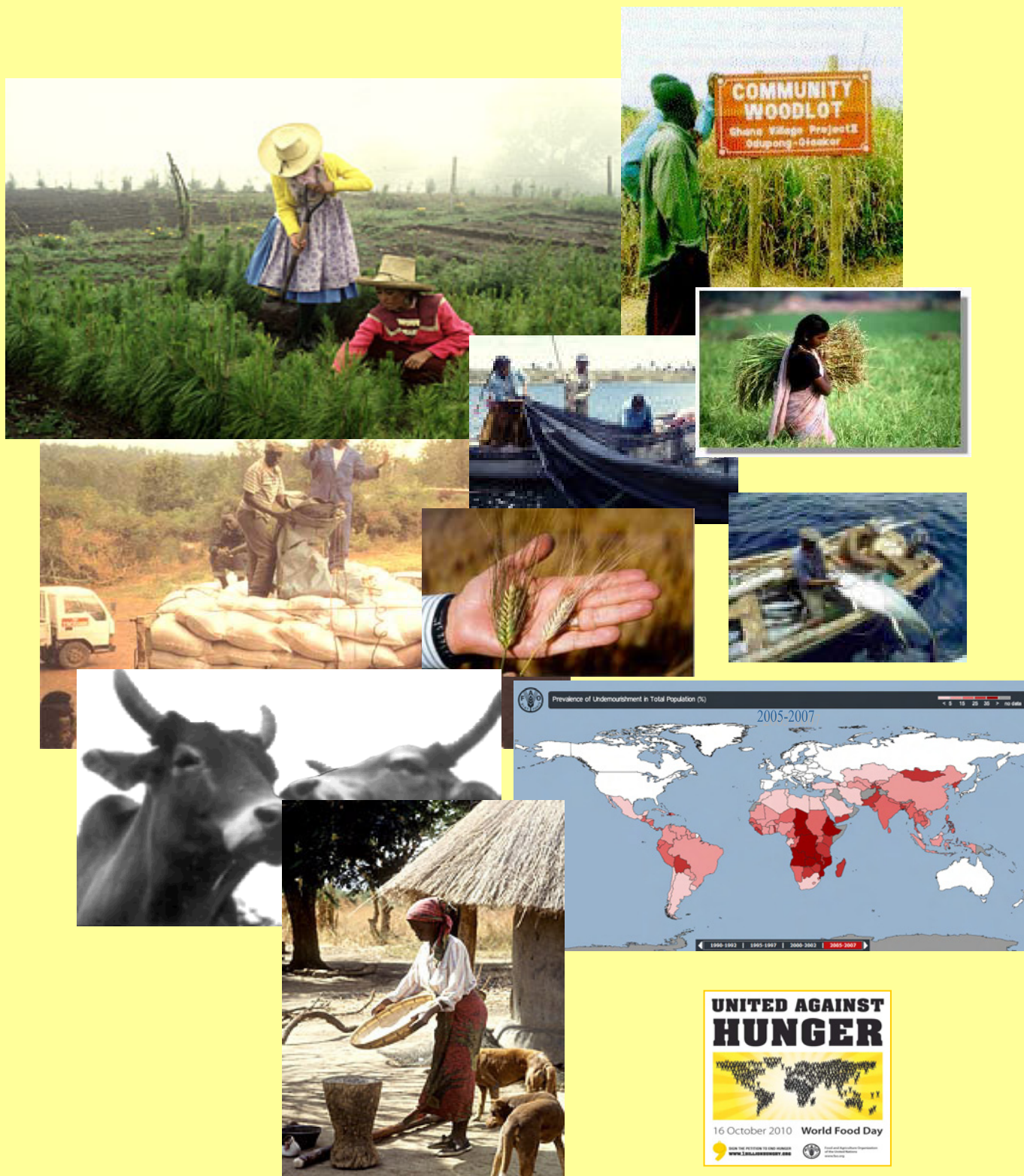




11 October 2010



SUMMARY OF WORLD FOOD AND AGRICULTURAL STATISTICS

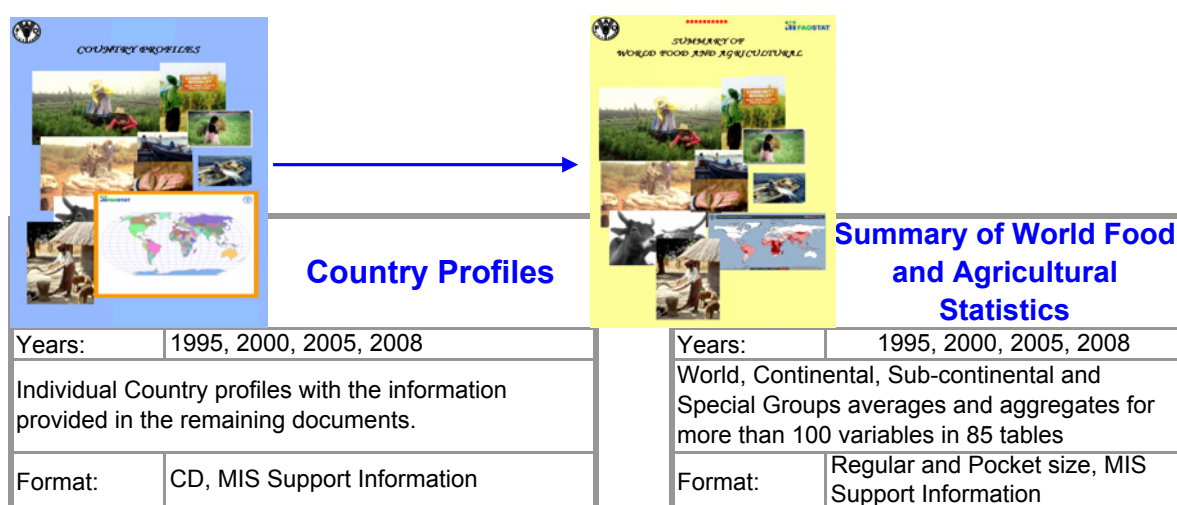


Summary of World Food and Agricultural Statistics

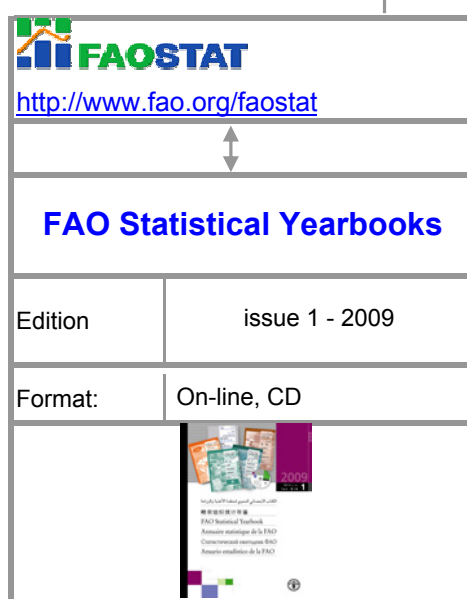
This document has been prepared by the Statistics Division (Economic and Social Development Department).

The preparation of the numerous tables has been facilitated by access to the statistics in FAO databases maintained not only by the Statistics Division but also other units in FAO; in particular, the Fisheries and Aquaculture Information and Statistics Service (FIES), Fisheries Department; the Water Development and Management Unit of the Land and Water Division (Natural Resources Management and Environment Department); and Forest Assessment and Reporting Service of the Forest Industries and Products Division (Forestry Department).

Summary of World Food and Agricultural Statistics is a set of Products consisting of the following:



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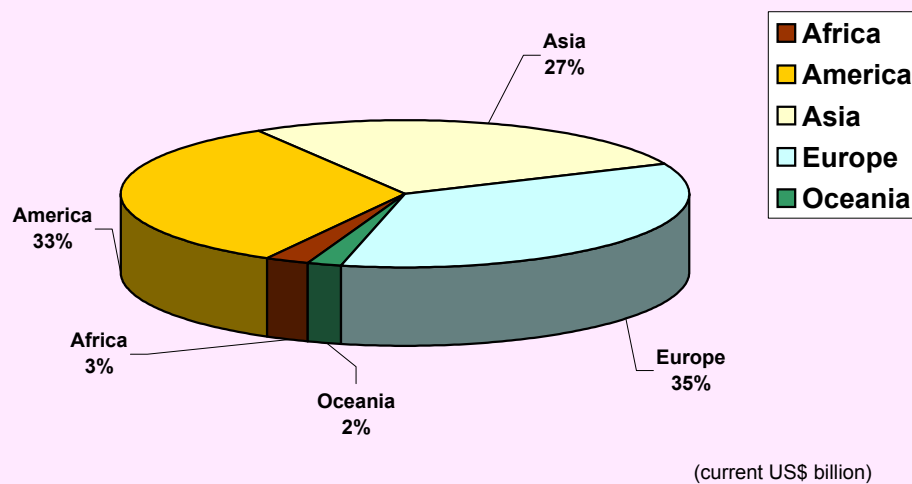
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AGRICULTURE MACRO-ECONOMIC INDICATORS

Share of GDP in world GDP in 2008



1.1 Gross Domestic Product (GDP), Agriculture, value added and Gross National Income (GNI)

World/Region	GDP				Agriculture, value added				GNI per caput			
	(current US\$ billion)				(current US\$ billion)				(current US\$)			
	1995	2000	2005	2008	1995	2000	2005	2008	1995	2000	2005	2008
WORLD	29277	31675	45071	60522	1164	1089	1494	1795	5112	5322	7150	8813
Africa	504	586	973	1546	67	73	138	133	673	696	974	1425
Eastern	53	66	92	149	16	19	25	32	236	266	324	461
Middle	29	35	84	174	7	6	11	13	325	293	571	1030
Northern	192	257	352	615	25	32	41	63	1129	1391	1698	2604
Southern	162	145	268	303	6	5	7	9	3506	2897	4605	5596
Western	68	83	177	305	12	11	54	16	294	310	559	912
Asia	8455	8749	11456	16310	549	549	749	1022	2450	2323	3088	3939
Central	39	37	84	189	8	7	10	17	732	717	1217	2379
Eastern	6645	6576	7846	10572	278	286	369	510	4582	4296	5561	6729
South-Eastern	648	593	896	1472	87	60	95	155	1430	1143	1723	2534
Southern	564	705	1240	1864	131	147	206	256	422	503	789	1134
Western	560	838	1390	2214	45	50	69	84	3683	4123	6272	9223
America	9731	12591	16370	20148	238	234	287	221	12621	15097	19089	22338
Caribbean	82	119	78	101	3	3	3	3	2656	3556	2812	3685
Central	338	653	944	1226	23	32	40	52	3204	4259	6534	8078
Northern	7936	10494	13720	15876	125	127	149	0	27151	33204	42990	47737
Southern	1375	1324	1627	2945	87	72	95	166	3632	3816	3820	6686
Europe	10137	9268	15457	21349	291	214	298	392	13425	13738	21238	27167
Eastern	772	659	1610	3162	61	40	80	141	2341	2181	4745	8949
Northern	1965	2313	3693	4602	46	32	36	41	20147	25213	38767	47256
Southern	2024	1985	3483	4714	79	67	93	108	14900	14894	23042	28051
Western	5377	4312	6671	8871	105	75	89	104	27901	26139	37021	44528
Oceania	449	481	815	1169	18	19	23	27	14706	15350	22309	29785
Australia and New Zealand	433	468	805	1155	16	17	20	23	18678	19949	29383	39386
Melanesia	11	9	9	13	2	2	2	3	1753	1257	1036	1437
Micronesia	0	1	1	1	0	0	0	0	2144	2291	2763	2875
Polynesia	4	4	1	1	0	0	0	0	8820	8213	2238	3043
Developed countries	23754	24898	34534	43267	535	441	536	416	19941	21215	29172	34221
Africa	...	...	...	...	...	...	...	...	...	...	...	...
America	7936	10494	13720	15876	125	127	149	0	27151	33204	42990	47737
Asia	5248	4667	4552	4887	103	83	69	...	40348	34622	38911	37930
Europe	10137	9268	15457	21349	291	214	298	392	13425	13738	21238	27167
Oceania	433	468	805	1155	16	17	20	23	18678	19949	29383	39386
Developing countries	5523	6777	10537	17255	629	648	958	1379	1181	1355	1966	2978
Africa	504	586	973	1546	67	73	138	133	673	696	974	1425
America	1795	2096	2650	4272	113	107	138	221	3468	3919	4492	6921
Asia	3208	4081	6904	11423	446	466	680	1022	955	1131	1845	2798
Europe	...	...	...	...	...	...	...	...	...	...	...	...
Oceania	16	13	10	14	3	2	3	3	2258	1749	1136	1537
Special Groupings												
Near East*	647	950	1591	2604	74	82	110	118	2215	2661	3692	5541
Near East & North Africa	739	1061	1782	2905	85	94	129	144	2068	2476	3499	5224
Sub-Saharan Africa**	175	208	402	713	42	41	99	76	299	307	494	797
East-SouthEastAsia***	6414	5795	6295	7296	219	165	190	179	10 148	8 355	9 744	10 267
Lat.America&Caribbean	1795	2096	2650	4272	113	107	138	221	3468	3919	4492	6921

* In Africa and Asia ** Excluding South Africa *** Excluding China

1.2 Agriculture, value added Growth and Share in Gross Value Added

World/Region	Share of Agriculture in Gross Value Added				Growth Rate (%)					
	(%)				GDP			Agriculture, value added		
	1995	2000	2005	2008	1995- 2000	2000- 2005	2005- 2008	1995- 2000	2000- 2005	2005- 2008
WORLD	4.3	3.7	3.7	5.5	3.2	2.8	3.3	3.0	2.8	3.1
Africa	16.2	15.7	15.2	11.4	3.6	4.5	5.8	3.5	3.6	3.3
Eastern	34.3	31.6	30.9	29.4	3.6	3.8	7.3	3.2	2.6	4.9
Middle	25.3	18.5	13.1	8.9	3.3	6.9	8.8	2.6	3.2	5.5
Northern	16.4	15.7	12.2	10.9	4.4	4.4	5.6	3.8	4.5	2.8
Southern	4.2	3.6	3.0	3.4	2.7	3.9	4.9	3.8	1.7	2.2
Western	32.9	31.3	32.1	28.4	3.4	5.2	5.4	3.6	3.7	2.4
Asia	6.7	6.6	7.1	11.5	2.4	3.9	4.9	2.6	3.1	3.8
Central	21.5	20.5	12.6	9.7	3.0	8.9	8.4	2.3	6.6	7.4
Eastern	4.3	4.5	4.9	10.6	2.1	3.4	4.5	2.5	2.1	4.5
South-Eastern	14.3	10.3	11.0	13.0	1.8	5.2	5.7	1.8	3.4	3.8
Southern	25.1	22.4	17.8	17.8	5.1	6.4	7.3	3.1	5.1	3.6
Western	10.2	7.7	7.2	6.5	3.4	4.5	4.8	2.6	2.1	0.2
America	2.7	2.0	2.0	6.2	4.0	2.5	2.4	5.1	3.5	4.2
Caribbean	3.7	2.9	5.0	4.3	4.5	3.3	6.2	-0.5	0.4	2.0
Central	7.5	5.3	4.4	4.4	5.3	2.1	3.6	2.0	2.2	3.4
Northern	1.7	1.3	1.3	0.8	4.2	2.4	1.8	7.9	3.7	...
Southern	7.1	6.1	6.5	7.2	1.9	2.8	6.2	2.5	3.8	4.6
Europe	3.2	2.6	2.2	2.1	2.9	1.9	2.5	1.5	1.0	1.0
Eastern	8.6	6.8	5.7	5.1	2.2	5.1	6.5	-1.0	4.9	2.5
Northern	2.7	1.6	1.1	1.1	3.7	2.6	2.2	0.8	0.9	1.1
Southern	4.3	3.8	3.0	2.6	2.8	1.9	1.9	3.0	-0.8	0.0
Western	2.2	1.9	1.5	1.4	2.6	1.1	2.3	2.1	0.2	0.6
Oceania	4.5	4.5	3.6	2.9	4.1	3.4	3.4	5.4	1.2	-4.1
Australia and New Zealand	4.0	4.1	3.3	2.5	4.2	3.4	3.3	6.0	1.2	-4.8
Melanesia	21.9	30.2	29.9	27.9	0.1	1.9	4.4	0.6	1.2	2.6
Micronesia	15.1	10.2	12.3	27.5	-0.1	1.4	0.4	-1.5	1.6	3.9
Polynesia	4.2	6.2	17.0	15.1	3.4	5.9	1.9	-2.1	-0.4	0.0
Developed countries	2.4	1.9	1.7	2.2	3.0	2.1	2.0	3.2	1.3	0.6
Africa	...	...	...	...	...	...	...	...	...	...
America	1.7	1.3	1.3	0.8	4.2	2.4	1.8	7.9	3.7	...
Asia	2.0	1.8	1.5	...	0.6	1.4	1.2	1.1	-1.8	...
Europe	3.2	2.6	2.2	2.1	2.9	1.9	2.5	1.5	1.0	1.0
Oceania	4.0	4.1	3.3	2.5	4.2	3.4	3.3	6.0	1.2	-4.8
Developing countries	12.7	10.8	10.3	10.1	4.1	5.3	7.2	2.8	3.8	3.8
Africa	16.2	15.7	15.2	11.4	3.6	4.5	5.8	3.5	3.6	3.3
America	7.0	5.7	5.7	6.2	3.0	2.6	5.4	2.2	3.3	4.2
Asia	15.4	12.8	11.3	11.5	4.8	6.6	8.1	2.9	3.9	3.8
Europe	...	...	...	...	...	...	...	...	...	...
Oceania	16.7	20.2	28.5	27.1	1.0	2.1	4.0	0.5	1.2	2.5
Special Groupings										
Near East*	12.4	9.7	8.5	7.6	3.5	4.8	5.0	2.9	2.9	1.2
Near East & North Africa	12.4	9.9	8.8	7.9	3.5	4.8	4.9	2.9	3.5	1.3
Sub-Saharan Africa**	30.6	27.6	26.3	19.3	3.7	5.1	6.8	3.7	2.8	4.1
East-SouthEastAsia***	3.5	2.9	3.1	8.8	0.9	2.1	2.1	1.3	0.5	3.8
Lat.America&Caribbean	7.0	5.7	5.7	6.2	3.0	2.6	5.4	2.2	3.3	4.2

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: The growth rates are calculated using production data at constant prices in U.S. dollars. Regional sub-totals are obtained by summing values for countries with a complete time series of data for the period. Countries with an incomplete time series are excluded from the aggregate.

1.3 Agricultural GDP per agricultural worker

World/Region	Agricultural GDP per agricultural worker			
	(US\$)			
	1995	2000	2005	2008
WORLD	1018	919	1208	1508
Africa	457	444	721	895
Eastern	215	215	255	391
Middle	318	260	404	541
Northern	1356	1638	1996	2999
Southern	2487	1912	2997	3992
Western	442	351	1260	825
Asia	599	581	769	1044
Central	1342	1215	1704	2857
Eastern	562	570	733	1019
South-Eastern	806	529	815	1324
Southern	451	474	612	745
Western	2725	3082	5425	6825
America	5371	5298	6671	5824
Caribbean	2707	3281	3897	4927
Central	1863	2535	3216	4408
Northern	32878	36057	52449	48247
Southern	3214	2649	3526	6499
Europe	8660	7322	11890	17922
Eastern	2689	2120	4932	9495
Northern	24656	19955	24480	34061
Southern	13304	10889	17765	26237
Western	33122	28602	40929	57678
Oceania	7077	7101	8453	9974
Australia and New Zealand	24746	28025	45231	52609
Melanesia	1247	825	1092	1473
Micronesia	1959	1519	2307	3131
Polynesia	2573	3449	3368	4103
Developed countries	12827	12227	17671	18611
Africa	...	...	...	...
America	32878	36057	52449	48247
Asia	28236	30193	34657	...
Europe	8660	7322	11890	17922
Oceania	24746	28025	45231	52609
Developing countries	571	564	794	1181
Africa	457	444	721	895
America	2787	2629	3438	5823
Asia	489	495	699	1044
Europe	...	...	...	...
Oceania	1303	916	1130	1515
Special Groupings				
Near East*	2265	2461	3067	3933
Near East & North Africa	2172	2338	3010	3912
Sub-Saharan Africa**	313	278	564	571
East-SouthEastAsia***	1923	1394	1572	1502
Lat.America&Caribbean	2787	2629	3438	5823

* In Africa and Asia ** Excluding South Africa *** Excluding China

1.4 Development Commitments to Agriculture (Broad Definition) by Donors
Total Commitment by Donors (US\$ million)

	1998	1999	2000	2001	2002	2003	2004
Current Prices							
Total commitments (EAA)	12 605	10 700	10 533	11 298	11 089	12 100	10 384
Bilateral	4 612	4 150	3 947	4 070	3 818	4 009	4 028
Japan	1 856	1 644	1 265	1 768	825	1 214	558
United States of America	455	464	519	493	611	384	619
Germany	467	301	379	363	419	403	587
United Kingdom	405	508	511	129	367	224	194
Others	1 429	1 234	1 272	1 318	1 596	1 784	2 070
Multilateral	7 993	6 550	6 586	7 228	7 271	8 091	6 356
World Bank	4 682	3 034	2 494	2 873	3 706	3 033	2 562
IBRD	3 285	1 603	986	1 413	884	1 367	1 301
IDA	1 397	1 431	1 508	1 460	2 823	1 666	1 261
IFAD	431	415	407	375	340	372	444
Regional Development Banks	1 656	2 083	2 514	2 460	1 827	2 312	952
OPEC multilateral	507	309	453	518	537	530	599
UNDP/CGIAR	518	508	518	512	528	559	607
FAO	200	200	200	200	200	200	200
1995 Constant Prices							
Total commitments (EAA)	14 479	12 012	12 326	13 725	12 976	13 018	10 969
Bilateral	5 297	4 659	4 619	4 944	4 468	4 313	4 255
Japan	2 132	1 845	1 481	2 147	965	1 306	590
United States of America	523	520	607	599	714	413	654
Germany	537	338	444	441	490	433	620
United Kingdom	465	570	598	157	429	241	205
Others	1 641	1 385	1 489	1 601	1 870	1 920	2 186
Multilateral	9 182	7 353	7 707	8 780	8 508	8 705	6 714
World Bank	5 378	3 406	2 919	3 491	4 337	3 263	2 706
IBRD	3 773	1 800	1 154	1 716	1 034	1 470	1 375
IDA	1 605	1 606	1 765	1 774	3 303	1 793	1 332
IFAD	495	466	476	456	398	401	470
Regional Development Banks	1 902	2 339	2 942	2 988	2 138	2 487	1 006
OPEC multilateral	583	347	530	630	629	571	633
UNDP/CGIAR	595	570	606	620	618	602	641
FAO	230	225	234	243	234	215	211
Total Assistance	138 769	134 676	116 349	125 894	124 706	...	...
Share of EAA in total Assistance (%)	10.4	8.9	10.6	10.9	10.4	...	...

Note: The constant price series has been derived by deflating the current price series using the DAC aggregate deflator

1.5 Development Commitments to Agriculture (Broad Definition) by Main Purposes

	Amount in Current Prices						
	(US\$ million)						
	1998	1999	2000	2001	2002	2003	2004
Total commitments	12 605	10 700	10 533	11 298	11 089	12 100	10 385
Agriculture Services	725	761	521	435	180	325	376
Agro-Industries	88	18	47	177	227	284	38
Agriculture Others	2 049	3 005	1 876	3 392	2 334	2 214	2 554
Crop Production	225	160	273	391	643	372	112
Environment	1 248	827	926	836	906	461	1 241
Fishery	307	163	318	294	267	223	285
Forestry	494	180	667	393	988	595	325
Inputs	253	183	324	276	118	63	65
Land and Water	1 589	1 628	1 692	1 210	1 190	1 659	1 469
Livestock	141	43	218	94	76	310	89
Manufacturing of Inputs	0	49	0	12	1	1	0
Regional and River Development	599	393	187	237	193	391	165
Research/Training Extension	1 729	602	573	582	779	870	1 191
Rural Development	3 158	2 688	2 911	2 969	3 187	4 332	2 473
	Share in total commitments						
	(%)						
	1998	1999	2000	2001	2002	2003	2004
Total commitments	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture Services	5.8	7.1	4.9	3.8	1.6	2.7	3.1
Agro-Industries	0.7	0.2	0.4	1.6	2.0	2.4	2.7
Agriculture Others	16.3	28.1	17.5	30.0	21.0	18.3	21.3
Crop Production	1.8	1.5	2.6	3.5	5.8	3.1	3.6
Environment	9.9	7.7	8.7	7.4	8.2	3.8	4.4
Fishery	2.4	1.5	3.0	2.6	2.4	1.8	2.2
Forestry	3.9	1.7	6.2	3.5	8.9	4.9	5.7
Inputs	2.0	1.7	3.0	2.4	1.1	0.5	0.6
Land and Water	12.6	15.2	15.8	10.7	10.7	13.7	16.0
Livestock	1.1	0.4	2.0	0.8	0.7	2.6	3.0
Manufacturing of Inputs	0.0	0.5	0.0	0.1	0.0	0.0	0.0
Regional and River Development	4.8	3.7	1.7	2.1	1.7	3.2	3.8
Research/Training Extension	13.7	5.6	5.4	5.2	7.0	7.2	8.4
Rural Development	25.1	25.1	27.2	26.3	28.7	35.8	41.7

1.6 Main Recipient Countries of Development Commitments to Agriculture, 2003

Country	Amount in Current Prices
	(US\$ million)
India	1 175
China, Mainland	811
Indonesia	511
Viet Nam	491
Mexico	357
Bangladesh	326
Ethiopia	324
Turkey	252
Sri Lanka	240
Tanzania, United Ref Of	230

1.7 Share of government expenditure on agriculture in total government expenditure

Region/Country	1995	2000	2003	2004	2005	2006	2007	2008
	(%)							
America								
Argentina	1.1	0.8	0.4	0.4	...	...	...	...
Bahamas, The	1.7	1.4	1.2	1.2	1.3	...	...	...
Belize	4.6	...	...	...	...	...	...	...
Bolivia	1.8	2.2	2.0	2.3	2.1	2.0	2.5	...
Brazil	...	...	...	...	...	...	...	...
Canada	1.5	1.7	2.2	1.8	1.8	1.1	1.0	...
Chile	...	0.9	1.4	1.3	0.8	0.9	0.9	...
Colombia	1.8	...	...	...	...	...	...	...
Costa Rica	3.2	3.1	1.6	0.6	0.8	1.0	1.3	...
Dominican Republic	7.5	7.3	5.4	...	...	...	...	...
Ecuador	...	...	...	...	...	...	...	...
El Salvador	1.6	4.0	0.8	0.5	0.9	0.5	1.1	...
Grenada	9.7	...	...	...	...	...	...	...
Guatemala	...	2.3	3.3	3.3	3.0	2.7	...	...
Jamaica	2.1	1.7	1.4	1.9	2.6	1.6	0.8	...
Mexico	2.9	2.3	...	...	...	...	...	...
Nicaragua	...	...	...	...	...	...	...	...
Panama	1.6	1.5	...	...	...	...	...	...
Paraguay	...	...	...	...	...	...	...	...
St. Kitts and Nevis	...	...	0.4	...	...	...	...	...
St. Vincent & Grens.	3.2	2.4	2.4	2.7	...	...	...	...
Trinidad and Tobago	4.4	...	2.9	3.0	3.4	2.3	...	...
United States	1.1	1.3	...	...	...	...	...	...
Uruguay	...	1.2	1.6	1.7	2.3	1.9	...	...
Venezuela, Rep. Bol.	...	0.4	0.8	1.4	0.7	...	...	...
Asia								
Azerbaijan	6.1	...	...	...	...	...	...	...
Bahrain, Kingdom of	0.5	0.4	0.5	0.5	0.4	...	...	...
Belarus	4.8	8.8	8.1	9.0	9.7	9.4	8.0	...
Bhutan	19.7	8.0	11.3	10.1	...	...	...	...
China,P.R.: Mainland	7.5	...	3.4	3.0	2.8	3.2	...	...
China,P.R.:Macao	...	...	...	...	...	...	...	...
Cyprus	6.3	...	...	1.3	1.7	1.6	...	...
India	7.7	7.9	5.7	6.4	6.7	5.4	5.0	...
Indonesia	8.3	...	2.9	2.5	...	...	...	...
Iran, I.R. of	3.9	1.9	1.6	1.6	2.8	2.3	2.0	1.6
Israel	1.4	...	...	...	...	...	...	...
Japan	...	...	...	...	...	...	...	...
Jordan	4.5	3.2	1.1	2.6	1.9	1.9	1.5	...
Kazakhstan	...	1.6	4.2	5.0	2.9	3.4	3.4	...
Korea	10.0	...	5.9	7.0	4.8	5.5	5.2	...
Kuwait	0.6	...	0.6	0.6	0.7	0.6	0.4	0.6
Kyrgyz Republic	3.2	3.5	4.5
Lebanon	0.4	0.3	0.3	0.4	0.3	0.2	0.3	...

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1.7b Share of government expenditure on agriculture in total government expenditure

Region/Country	1995	2000	2003	2004	2005	2006	2007	2008
	(%)							
Asia (continued)								
Malaysia	4.8	...	...	...	...	...	...	...
Maldives	12.1	1.7	0.7	0.7	1.1	1.6	1.3	2.2
Mauritius	5.7	4.8	3.6	4.1	2.7	2.1	2.9	...
Mongolia	2.7	2.1	...	...	...	...	...	...
Myanmar	14.9	17.4	10.3	9.3	9.2	...	...	...
Nepal	9.6	5.8	4.9	4.8	8.2	4.8	4.3	4.1
Oman	1.6	1.1	...	...	...	...	...	...
Pakistan	...	0.7	0.8	2.1	0.3	3.3	4.1	7.1
Philippines	6.8	5.7	3.9	3.1	2.7	2.6	3.1	...
Sri Lanka	5.3	4.3	4.1	3.8	4.0	4.9	4.4	...
Syrian Arab Republic	10.2	...	...	...	...	...	...	...
Tajikistan	...	3.2	...	...	...	...	...	...
Thailand	7.2	5.6	5.1	4.1	3.5	3.2	4.2	...
Turkey	...	...	...	...	...	...	...	...
Ukraine	...	1.3	0.9	2.2	2.1	2.2	2.3	...
United Arab Emirates	0.7	...	...	...	...	...	...	...
Yemen, Republic of	1.7	...	...	...	...	...	...	...
Africa								
Algeria	2.4	...	...	...	...	...	...	...
Botswana	6.0	...	...	...	...	...	...	...
Burundi	5.0	...	...	...	...	...	...	...
Cameroon	4.0	...	...	...	...	...	...	...
Congo, Dem. Rep. of	36.0	...	...	...	...	...	...	...
Congo, Republic of	...	...	0.6	0.9	1.2	...	...	...
Côte d'Ivoire	...	...	...	...	...	...	2.5	...
Egypt	4.4	6.8	4.1	3.7	3.4	2.5	2.6	...
Ethiopia	10.3	...	...	...	...	...	...	...
Gambia, The	...	...	...	...	...	...	...	...
Ghana	...	...	...	...	...	...	...	...
Kenya	6.8	5.6	5.2	4.2	3.6	2.7	3.3	...
Lesotho	...	...	...	...	...	...	...	...
Madagascar	6.1	...	6.5	7.3	9.5	6.1	6.6	...
Morocco	4.2	...	...	...	...	...	...	...
Namibia	...	...	5.5	...	...	...	...	...
Seychelles	2.0	4.8	3.0	3.6	3.0	3.0	4.5	...
Sierra Leone	...	...	...	...	...	...	...	...
Singapore	0.2	0.7	0.2	0.2	0.2	0.2	0.3	...
South Africa	1.2	0.5	1.1	1.3	1.4	...	...	...
Sudan	...	...	...	...	...	...	...	...
Swaziland	...	6.6	...	...	...	...	...	...
Tunisia	8.2	7.7	7.1	6.1	5.2	5.2	4.7	4.3
Uganda	...	0.2	3.4	2.9	1.9	2.5
Zambia	2.8	27.0	8.3	...
Zimbabwe	4.2

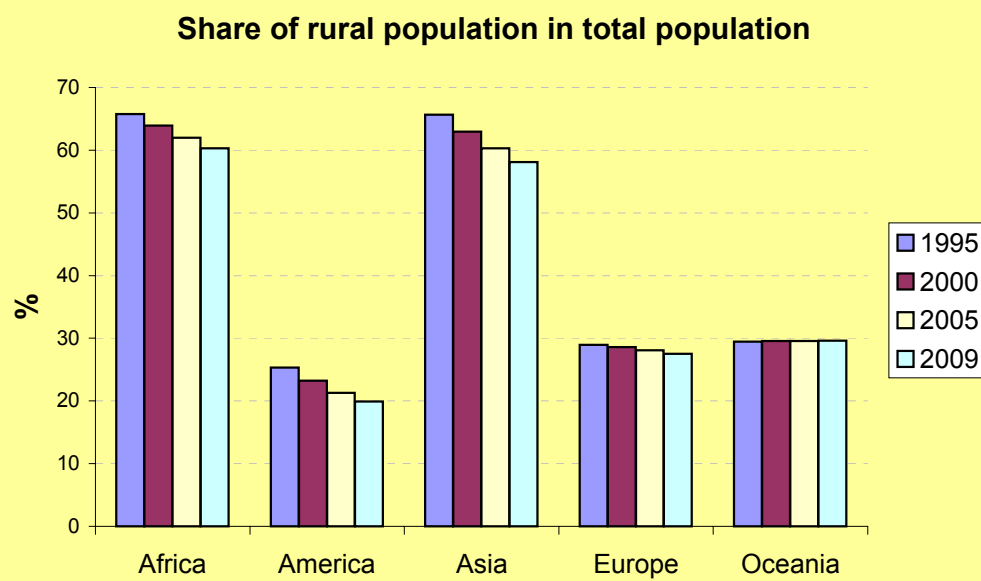
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1.7c Share of government expenditure on agriculture in total government expenditure

Region/Country	1995	2000	2003	2004	2005	2006	2007	2008
	(%)							
Europe								
Albania	3.4	...	1.3	1.1	2.1	2.2	...	...
Austria	...	...	...	...	...	...	...	...
Bulgaria	1.9	1.7	2.8	2.6	2.9	3.4	2.5	...
Croatia	1.1	2.3	0.8	0.7	0.7	0.9	1.1	...
Czech Republic	1.7	2.4	2.5	2.6	3.3	3.2	3.5	...
Denmark	0.5	0.2	0.3	0.2	0.3	0.3	0.3	...
Estonia	5.7	0.9	...	...	...	...	...	...
Finland	3.9	...	...	...	...	...	...	...
France	...	...	...	...	...	...	...	...
Georgia	0.5	1.3	1.2	1.5	2.0	2.0	-0.4	...
Germany	0.5	...	...	...	...	...	...	...
Greece	3.1	...	0.0	0.0	0.0	0.0	...	...
Hungary	4.7	...	...	...	...	...	...	...
Iceland	4.9	4.9	3.7	3.3	3.3	3.1	2.9	...
Ireland	1.2	...	...	...	...	...	...	...
Italy	...	...	...	...	...	...	...	...
Latvia	4.2	3.9	5.2	6.6	9.4	8.0	6.2	...
Lithuania	7.2	4.8	4.9	1.3	3.3	3.7	3.8	...
Luxembourg	1.7	...	...	...	...	...	...	...
Malta	1.4	...	...	...	...	...	...	...
Moldova	0.1	2.9	1.6	2.2	4.9	3.9	5.6	...
Netherlands	0.3	...	...	...	...	...	...	...
Netherlands Antilles	0.4	...	...	...	...	...	...	...
Portugal	...	0.7	...	...	0.4	0.4	...	...
Romania	8.2	3.7	3.4	4.9	4.2	4.8	4.2	...
Russia	1.4	2.0	1.2	1.3	1.2	1.3	0.1	...
San Marino	...	...	2.4	2.1	...	...	...	...
Slovak Republic	...	4.8	2.6	2.8	3.7	3.3	3.4	...
Slovenia	1.8	2.1	2.0	2.6	2.6	2.8	2.6	...
Spain	0.9	...	...	1.3	1.3	1.3	1.4	...
Sweden	0.5	...	...	...	...	...	...	...
Switzerland	4.0	2.6	3.3	3.3	3.1	3.5	...	...
United Kingdom	0.2	...	...	...	...	...	...	...
Oceania								
Australia	1.7	1.8	0.6	1.4	1.2	1.4	1.4	...
Fiji	4.0	...	...	3.8	3.3	3.2	...	...
New Zealand	1.0	0.7	0.0	1.7	1.7	1.6	1.6	...
Papua New Guinea	4.0	2.6	...	...	...	...	...	...
Vanuatu	3.1	...	...	...	...	...	...	...

... : not available

POPULATION AND LABOUR FORCE



2.1 Total Population and Related Growth Rates

World/Region	Population								Average annual rate of growth		
	(million)				Share in total World (%)				(%)		
	1995	2000	2005	2009	1995	2000	2005	2009	1995-2000	2000-2005	2005-2009
	Population										
WORLD	5 713.1	6 115.4	6 512.3	6 829.4	100.0	100.0	100.0	100.0	1.4	1.3	1.2
Africa	726.3	819.5	921.1	1 009.9	12.7	13.4	14.1	14.8	2.4	2.3	2.3
Eastern	219.9	252.7	287.4	318.8	3.8	4.1	4.4	4.7	2.8	2.6	2.6
Middle	86.4	98.1	113.2	125.7	1.5	1.6	1.7	1.8	2.5	2.9	2.6
Northern	163.9	179.5	195.4	209.4	2.9	2.9	3.0	3.1	1.8	1.7	1.7
Southern	47.2	51.4	55.0	57.5	0.8	0.8	0.8	0.8	1.7	1.4	1.1
Western	208.8	237.8	270.0	298.6	3.7	3.9	4.1	4.4	2.6	2.5	2.5
Asia	3 448.0	3 698.3	3 936.5	4 121.1	60.4	60.5	60.4	60.3	1.4	1.2	1.1
Central	53.4	55.4	58.1	60.7	0.9	0.9	0.9	0.9	0.7	1.0	1.1
Eastern	1 411.7	1 472.4	1 520.7	1 555.4	24.7	24.1	23.4	22.8	0.8	0.6	0.6
South-Eastern	479.8	517.2	554.1	582.7	8.4	8.5	8.5	8.5	1.5	1.4	1.3
Southern	1 332.5	1 463.0	1 592.5	1 694.0	23.3	23.9	24.5	24.8	1.9	1.7	1.5
Western	170.6	190.3	211.1	228.4	3.0	3.1	3.2	3.3	2.2	2.1	2.0
America	782.3	839.9	891.7	930.8	13.7	13.7	13.7	13.6	1.4	1.2	1.1
Caribbean	36.6	38.7	40.6	42.0	0.6	0.6	0.6	0.6	1.1	1.0	0.9
Central	124.0	135.2	144.3	151.3	2.2	2.2	2.2	2.2	1.7	1.3	1.2
Northern	300.1	318.7	335.2	348.4	5.3	5.2	5.1	5.1	1.2	1.0	1.0
Southern	321.6	347.4	371.7	389.1	5.6	5.7	5.7	5.7	1.5	1.3	1.1
Europe	727.4	726.6	729.4	732.2	12.7	11.9	11.2	10.7	-0.0	0.1	0.1
Eastern	309.8	304.1	296.9	292.5	5.4	5.0	4.6	4.3	-0.4	-0.5	-0.4
Northern	93.3	94.4	96.4	98.4	1.6	1.5	1.5	1.4	0.2	0.4	0.5
Southern	143.7	145.1	149.7	153.1	2.5	2.4	2.3	2.2	0.2	0.6	0.6
Western	180.6	183.0	186.4	188.2	3.2	3.0	2.9	2.8	0.3	0.4	0.3
Oceania	29.1	31.2	33.6	35.4	0.5	0.5	0.5	0.5	1.4	1.5	1.3
Australia and New Zealand	21.8	23.0	24.5	25.6	0.4	0.4	0.4	0.4	1.1	1.2	1.1
Melanesia	6.2	7.0	7.9	8.6	0.1	0.1	0.1	0.1	2.4	2.3	2.2
Micronesia	0.5	0.5	0.5	0.6	0.0	0.0	0.0	0.0	1.2	1.6	1.3
Polynesia	0.6	0.6	0.6	0.7	0.0	0.0	0.0	0.0	1.3	0.9	0.8
Developed countries	1 174.7	1 195.0	1 216.6	1 233.3	20.6	19.5	18.7	18.1	0.3	0.4	0.3
Africa											
America	300.1	318.7	335.2	348.4	5.3	5.2	5.1	5.1	1.2	1.0	1.0
Asia	125.4	126.7	127.4	127.2	2.2	2.1	2.0	1.9	0.2	0.1	-0.1
Europe	727.4	726.6	729.4	732.2	12.7	11.9	11.2	10.7	-0.0	0.1	0.1
Oceania	21.8	23.0	24.5	25.6	0.4	0.4	0.4	0.4	1.1	1.2	1.1
Developing countries	4 538.4	4 920.4	5 295.7	5 596.1	79.4	80.5	81.3	81.9	1.6	1.5	1.4
Africa	726.3	819.5	921.1	1 009.9	12.7	13.4	14.1	14.8	2.4	2.3	2.3
America	482.3	521.2	556.5	582.4	8.4	8.5	8.5	8.5	1.6	1.3	1.1
Asia	3 322.6	3 571.6	3 809.1	3 993.9	58.2	58.4	58.5	58.5	1.4	1.3	1.2
Oceania	7.2	8.1	9.1	9.8	0.1	0.1	0.1	0.1	2.3	2.2	2.0
Europe											
Special Groupings											
Near East*	329.0	366.2	405.5	439.1	5.8	6.0	6.2	6.4	2.1	2.0	2.0
Near East & North Africa	393.4	435.3	479.1	516.8	6.9	7.1	7.4	7.6	2.0	1.9	1.9
Sub-Saharan Africa**	552.1	630.3	716.7	793.2	9.7	10.3	11.0	11.6	2.7	2.6	2.5
East-SouthEastAsia***	673.9	715.6	755.2	784.7	11.8	11.7	11.6	11.5	1.2	1.1	1.0
Lat.America&Caribbean	482.3	521.2	556.5	582.4	8.4	8.5	8.5	8.5	1.6	1.3	1.1

* In Africa and Asia ** Excluding South Africa *** Excluding China

2.2 Agricultural Population and Related Growth Rates

World/Region	Population								Average annual rate of growth		
	(million)				Share in total World (%)				(%)		
	1995	2000	2005	2009	1995	2000	2005	2009	1995-2000	2000-2005	2005-2009
Population											
WORLD	2 520.5	2 571.3	2 604.3	2 620.7	100.0	100.0	100.0	100.0	0.4	0.3	0.2
Africa	417.6	451.0	484.3	511.6	16.6	17.5	18.6	19.5	1.5	1.4	1.4
Eastern	174.8	196.2	217.1	234.9	6.9	7.6	8.3	9.0	2.3	2.0	2.0
Middle	56.9	61.5	67.5	71.7	2.3	2.4	2.6	2.7	1.5	1.9	1.5
Northern	64.7	65.3	65.0	64.3	2.6	2.5	2.5	2.5	0.2	-0.1	-0.2
Southern	9.5	9.0	8.5	8.0	0.4	0.4	0.3	0.3	-0.9	-1.3	-1.5
Western	111.7	119.0	126.3	132.7	4.4	4.6	4.9	5.1	1.3	1.2	1.2
Asia	1 902.9	1 938.7	1 955.5	1 957.0	75.5	75.4	75.1	74.7	0.4	0.2	0.0
Central	15.6	14.6	13.8	13.2	0.6	0.6	0.5	0.5	-1.3	-1.2	-1.2
Eastern	863.6	864.8	854.8	842.5	34.3	33.6	32.8	32.1	0.0	-0.2	-0.4
South-Eastern	251.6	255.2	256.4	255.8	10.0	9.9	9.8	9.8	0.3	0.1	-0.1
Southern	729.6	763.8	791.8	808.2	28.9	29.7	30.4	30.8	0.9	0.7	0.5
Western	42.5	40.3	38.6	37.3	1.7	1.6	1.5	1.4	-1.0	-0.8	-0.9
America	120.0	113.5	106.1	100.2	4.8	4.4	4.1	3.8	-1.1	-1.4	-1.4
Caribbean	10.2	9.9	9.7	9.5	0.4	0.4	0.4	0.4	-0.6	-0.4	-0.5
Central	36.9	36.0	33.9	32.3	1.5	1.4	1.3	1.2	-0.5	-1.2	-1.2
Northern	7.9	7.2	6.5	6.0	0.3	0.3	0.3	0.2	-1.8	-2.0	-2.0
Southern	65.0	60.5	56.0	52.5	2.6	2.4	2.2	2.0	-1.5	-1.5	-1.6
Europe	73.9	61.6	51.4	44.7	2.9	2.4	2.0	1.7	-3.6	-3.6	-3.5
Eastern	46.5	39.1	32.6	28.4	1.8	1.5	1.3	1.1	-3.5	-3.6	-3.5
Northern	4.0	3.4	3.0	2.7	0.2	0.1	0.1	0.1	-3.1	-2.7	-2.6
Southern	16.4	13.4	11.2	9.6	0.7	0.5	0.4	0.4	-4.0	-3.7	-3.7
Western	6.9	5.6	4.6	3.9	0.3	0.2	0.2	0.1	-4.1	-4.0	-4.1
Oceania	6.1	6.5	6.9	7.2	0.2	0.3	0.3	0.3	1.3	1.2	1.0
Australia and New Zealand	1.3	1.2	1.2	1.2	0.0	0.0	0.0	0.0	-0.6	-0.3	-0.5
Melanesia	4.5	5.0	5.4	5.8	0.2	0.2	0.2	0.2	1.9	1.7	1.5
Micronesia	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.4	-0.1	-0.2
Polynesia	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	-1.0	-1.4	-1.8
Developed countries	89.5	74.9	62.8	54.7	3.6	2.9	2.4	2.1	-3.6	-3.5	-3.4
Africa											
America	7.9	7.2	6.5	6.0	0.3	0.3	0.3	0.2	-1.8	-2.0	-2.0
Asia	6.5	4.9	3.7	2.9	0.3	0.2	0.1	0.1	-5.7	-5.9	-6.1
Europe	73.9	61.6	51.4	44.7	2.9	2.4	2.0	1.7	-3.6	-3.6	-3.5
Oceania	1.3	1.2	1.2	1.2	0.0	0.0	0.0	0.0	-0.6	-0.3	-0.5
Developing countries	2 430.9	2 496.4	2 541.5	2 566.0	96.4	97.1	97.6	97.9	0.5	0.4	0.2
Africa	417.6	451.0	484.3	511.6	16.6	17.5	18.6	19.5	1.5	1.4	1.4
America	112.2	106.3	99.5	94.2	4.4	4.1	3.8	3.6	-1.1	-1.3	-1.4
Asia	1 896.3	1 933.8	1 951.9	1 954.2	75.2	75.2	74.9	74.6	0.4	0.2	0.0
Oceania	4.9	5.3	5.8	6.1	0.2	0.2	0.2	0.2	1.7	1.5	1.4
Europe											
Special Groupings											
Near East*	113.5	113.3	113.5	113.6	4.5	4.4	4.4	4.3	-0.0	0.0	0.0
Near East & North Africa	133.2	132.8	132.3	131.8	5.3	5.2	5.1	5.0	-0.1	-0.1	-0.1
Sub-Saharan Africa**	366.3	400.8	435.7	464.5	14.5	15.6	16.7	17.7	1.8	1.7	1.6
East-SouthEastAsia***	271.5	271.6	269.9	267.2	10.8	10.6	10.4	10.2	0.0	-0.1	-0.3
Lat.America&Caribbean	112.2	106.3	99.5	94.2	4.4	4.1	3.8	3.6	-1.1	-1.3	-1.4

* In Africa and Asia ** Excluding South Africa *** Excluding China

2.3 Total Labour force and Related Growth Rates

World/Region	Population								Average annual rate of growth		
	(million)				Share in total World (%)				(%)		
	1995	2000	2005	2009	1995	2000	2005	2009	1995-2000	2000-2005	2005-2009
Population											
WORLD	2 575.4	2 797.1	3 040.2	3 235.0	100.0	100.0	100.0	100.0	1.7	1.7	1.6
Africa	268.2	309.3	355.5	396.8	10.4	11.1	11.7	12.3	2.8	2.8	2.7
Eastern	97.0	113.1	131.4	148.0	3.8	4.0	4.3	4.6	3.1	3.0	3.0
Middle	33.7	38.3	44.4	49.4	1.3	1.4	1.5	1.5	2.6	3.0	2.7
Northern	50.1	57.7	65.9	73.0	1.9	2.1	2.2	2.3	2.9	2.6	2.5
Southern	16.3	18.4	20.0	21.1	0.6	0.7	0.7	0.7	2.4	1.7	1.4
Western	71.1	81.8	93.7	105.2	2.8	2.9	3.1	3.3	2.8	2.7	2.9
Asia	1 600.1	1 733.9	1 882.0	1 999.7	62.1	62.0	61.9	61.8	1.6	1.6	1.5
Central	21.1	22.8	25.6	28.5	0.8	0.8	0.8	0.9	1.6	2.3	2.7
Eastern	804.0	845.4	885.1	913.6	31.2	30.2	29.1	28.2	1.0	0.9	0.8
South-Eastern	221.4	247.4	273.4	294.0	8.6	8.8	9.0	9.1	2.2	2.0	1.8
Southern	496.5	554.8	625.7	684.6	19.3	19.8	20.6	21.2	2.2	2.4	2.3
Western	57.1	63.4	72.2	78.9	2.2	2.3	2.4	2.4	2.1	2.6	2.2
America	351.3	393.9	430.9	458.3	13.6	14.1	14.2	14.2	2.3	1.8	1.5
Caribbean	14.5	16.0	17.2	18.2	0.6	0.6	0.6	0.6	2.0	1.5	1.3
Central	46.5	52.8	59.2	63.4	1.8	1.9	1.9	2.0	2.6	2.3	1.7
Northern	155.0	167.1	174.8	182.5	6.0	6.0	5.8	5.6	1.5	0.9	1.1
Southern	135.4	158.0	179.7	194.2	5.3	5.6	5.9	6.0	3.1	2.6	1.9
Europe	341.9	345.0	355.2	362.5	13.3	12.3	11.7	11.2	0.2	0.6	0.5
Eastern	149.7	145.9	146.9	148.1	5.8	5.2	4.8	4.6	-0.5	0.1	0.2
Northern	46.4	47.7	49.4	51.1	1.8	1.7	1.6	1.6	0.5	0.7	0.8
Southern	61.1	64.2	68.5	71.2	2.4	2.3	2.3	2.2	1.0	1.3	1.0
Western	84.7	87.2	90.4	92.1	3.3	3.1	3.0	2.8	0.6	0.7	0.5
Oceania	13.9	15.0	16.6	17.8	0.5	0.5	0.5	0.5	1.5	2.0	1.7
Australia and New Zealand	10.9	11.6	12.8	13.5	0.4	0.4	0.4	0.4	1.2	1.9	1.4
Melanesia	2.6	3.0	3.4	3.8	0.1	0.1	0.1	0.1	2.7	2.5	2.8
Micronesia	0.2	0.2	0.3	0.3	0.0	0.0	0.0	0.0	1.6	1.9	1.9
Polynesia	0.2	0.2	0.3	0.3	0.0	0.0	0.0	0.0	1.7	1.4	1.2
Developed countries	574.7	591.3	609.3	623.0	22.3	21.1	20.0	19.3	0.6	0.6	0.6
Africa											
America	155.0	167.1	174.8	182.5	6.0	6.0	5.8	5.6	1.5	0.9	1.1
Asia	66.9	67.5	66.5	64.6	2.6	2.4	2.2	2.0	0.2	-0.3	-0.7
Europe	341.9	345.0	355.2	362.5	13.3	12.3	11.7	11.2	0.2	0.6	0.5
Oceania	10.9	11.6	12.8	13.5	0.4	0.4	0.4	0.4	1.2	1.9	1.4
Developing countries	2 000.7	2 205.8	2 431.0	2 612.0	77.7	78.9	80.0	80.7	2.0	1.9	1.8
Africa	268.2	309.3	355.5	396.8	10.4	11.1	11.7	12.3	2.8	2.8	2.7
America	196.3	226.8	256.1	275.8	7.6	8.1	8.4	8.5	2.9	2.4	1.9
Asia	1 533.2	1 666.3	1 815.5	1 935.1	59.5	59.6	59.7	59.8	1.7	1.7	1.6
Oceania	3.0	3.4	3.9	4.3	0.1	0.1	0.1	0.1	2.5	2.4	2.6
Europe											
Special Groupings											
Near East*	100.9	115.4	134.0	149.2	3.9	4.1	4.4	4.6	2.7	3.0	2.7
Near East & North Africa	121.9	139.9	161.9	179.6	4.7	5.0	5.3	5.6	2.8	2.9	2.6
Sub-Saharan Africa**	213.1	246.1	284.2	319.1	8.3	8.8	9.3	9.9	2.9	2.9	2.9
East-SouthEastAsia***	320.7	349.4	376.8	397.0	12.5	12.5	12.4	12.3	1.7	1.5	1.3
Lat.America&Caribbean	196.3	226.8	256.1	275.8	7.6	8.1	8.4	8.5	2.9	2.4	1.9

* In Africa and Asia ** Excluding South Africa *** Excluding China

2.4 Labour force in agriculture and Related Growth Rates

World/Region	Population								Average annual rate of growth		
	(million)				Share in total World (%)				(%)		
	1995	2000	2005	2009	1995	2000	2005	2009	1995-2000	2000-2005	2005-2009
Population											
WORLD	1 186.7	1 227.9	1 272.0	1 301.7	100.0	100.0	100.0	100.0	0.7	0.7	0.6
Africa	161.7	178.8	197.1	212.7	13.6	14.6	15.5	16.3	2.0	2.0	1.9
Eastern	78.2	89.1	100.9	111.0	6.6	7.3	7.9	8.5	2.6	2.5	2.4
Middle	22.6	24.5	27.1	28.8	1.9	2.0	2.1	2.2	1.6	2.0	1.6
Northern	18.9	19.9	20.6	21.1	1.6	1.6	1.6	1.6	1.0	0.7	0.6
Southern	2.5	2.5	2.4	2.3	0.2	0.2	0.2	0.2	-0.0	-1.0	-0.9
Western	39.5	42.8	46.2	49.4	3.3	3.5	3.6	3.8	1.6	1.5	1.7
Asia	940.5	970.2	1 000.6	1 018.9	79.3	79.0	78.7	78.3	0.6	0.6	0.5
Central	5.8	5.7	5.8	6.0	0.5	0.5	0.5	0.5	-0.3	0.3	0.6
Eastern	499.0	503.9	505.9	504.3	42.1	41.0	39.8	38.7	0.2	0.1	-0.1
South-Eastern	124.0	130.7	136.2	139.4	10.5	10.6	10.7	10.7	1.0	0.8	0.6
Southern	294.2	313.5	336.7	353.7	24.8	25.5	26.5	27.2	1.3	1.4	1.2
Western	17.3	16.3	16.0	15.6	1.5	1.3	1.3	1.2	-1.2	-0.4	-0.7
America	47.1	47.0	46.2	44.8	4.0	3.8	3.6	3.4	-0.0	-0.4	-0.8
Caribbean	3.7	3.7	3.7	3.7	0.3	0.3	0.3	0.3	0.2	0.1	0.1
Central	12.5	12.5	12.5	12.1	1.1	1.0	1.0	0.9	0.1	-0.1	-0.8
Northern	3.8	3.5	3.2	3.0	0.3	0.3	0.3	0.2	-1.5	-2.1	-1.9
Southern	27.1	27.3	26.8	26.0	2.3	2.2	2.1	2.0	0.1	-0.3	-0.8
Europe	34.8	29.2	25.1	22.2	2.9	2.4	2.0	1.7	-3.5	-3.1	-3.0
Eastern	22.6	18.8	16.2	14.4	1.9	1.5	1.3	1.1	-3.7	-3.1	-2.9
Northern	1.9	1.6	1.5	1.3	0.2	0.1	0.1	0.1	-2.8	-2.2	-2.1
Southern	7.2	6.1	5.3	4.6	0.6	0.5	0.4	0.4	-3.2	-3.0	-3.3
Western	3.2	2.6	2.2	1.9	0.3	0.2	0.2	0.1	-3.9	-3.7	-3.9
Oceania	2.6	2.8	3.0	3.2	0.2	0.2	0.2	0.2	1.3	1.4	1.5
Australia and New Zealand	0.6	0.6	0.6	0.6	0.1	0.1	0.0	0.0	-0.4	0.4	-0.2
Melanesia	1.8	2.0	2.2	2.4	0.2	0.2	0.2	0.2	2.1	1.8	2.0
Micronesia	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-1.0	1.3	0.4
Polynesia	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.7	-1.0	-1.0
Developed countries	42.9	36.1	30.9	27.3	3.6	2.9	2.4	2.1	-3.5	-3.1	-3.1
Africa											
America	3.8	3.5	3.2	3.0	0.3	0.3	0.3	0.2	-1.5	-2.1	-1.9
Asia	3.6	2.7	2.0	1.5	0.3	0.2	0.2	0.1	-5.7	-6.3	-6.8
Europe	34.8	29.2	25.1	22.2	2.9	2.4	2.0	1.7	-3.5	-3.1	-3.0
Oceania	0.6	0.6	0.6	0.6	0.1	0.1	0.0	0.0	-0.4	0.4	-0.2
Developing countries	1 143.8	1 191.9	1 241.1	1 274.4	96.4	97.1	97.6	97.9	0.8	0.8	0.7
Africa	161.7	178.8	197.1	212.7	13.6	14.6	15.5	16.3	2.0	2.0	1.9
America	43.2	43.5	43.0	41.8	3.6	3.5	3.4	3.2	0.1	-0.2	-0.7
Asia	936.8	967.4	998.6	1 017.4	78.9	78.8	78.5	78.2	0.6	0.6	0.5
Oceania	2.0	2.2	2.4	2.6	0.2	0.2	0.2	0.2	1.9	1.7	1.9
Europe											
Special Groupings											
Near East*	37.1	37.6	39.0	40.0	3.1	3.1	3.1	3.1	0.3	0.7	0.6
Near East & North Africa	43.6	44.5	46.1	47.1	3.7	3.6	3.6	3.6	0.4	0.7	0.5
Sub-Saharan Africa**	147.1	163.7	181.9	197.4	12.4	13.3	14.3	15.2	2.1	2.1	2.1
East-SouthEastAsia***	134.3	139.2	143.4	145.5	11.3	11.3	11.3	11.2	0.7	0.6	0.4
Lat.America&Caribbean	43.2	43.5	43.0	41.8	3.6	3.5	3.4	3.2	0.1	-0.2	-0.7

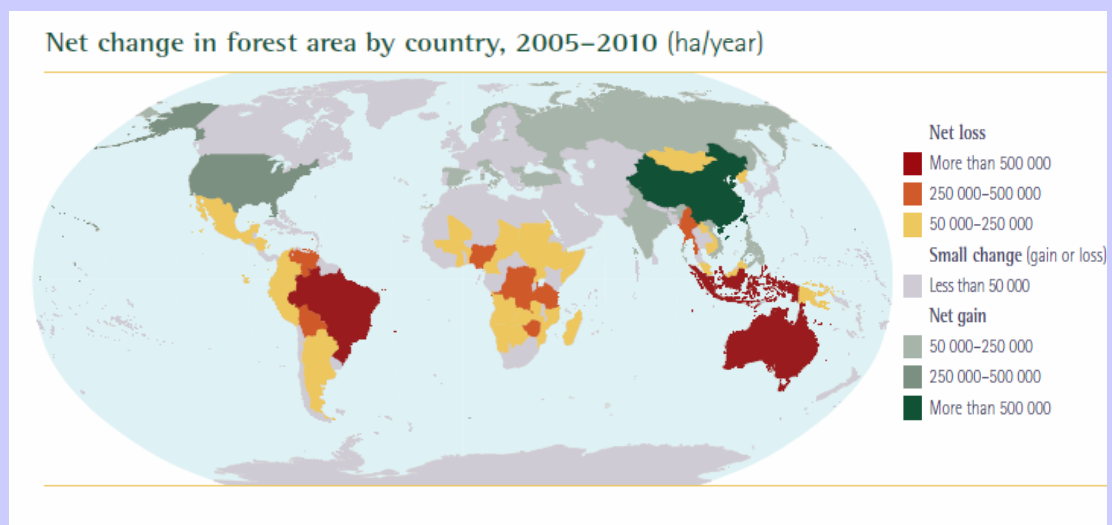
* In Africa and Asia ** Excluding South Africa *** Excluding China

2.5 Selected Indicators Relating to Rural Population and Agricultural Labour Force

World/Region	Rural population as a percentage of total population				Labour force in agriculture as a percentage of total labour force				Females in agric. Labour force as a percentage of total agric. labour force			
	1995	2000	2005	2009	1995	2000	2005	2009	1995	2000	2005	2009
 (%)											
WORLD	55	53	51	50	46	44	42	40	42	42	42	43
Africa	66	64	62	60	60	58	55	54	46	47	48	48
Eastern	80	79	78	77	81	79	77	75	51	51	51	51
Middle	65	63	60	58	67	64	61	58	50	50	51	51
Northern	54	52	50	49	38	35	31	29	37	39	41	43
Southern	49	46	44	42	15	14	12	11	41	42	42	42
Western	64	61	58	56	56	52	49	47	41	41	42	43
Asia	66	63	60	58	59	56	53	51	42	42	43	43
Central	57	58	58	58	28	25	23	21	42	42	42	41
Eastern	63	60	56	52	62	60	57	55	48	48	48	48
South-Eastern	65	60	56	53	56	53	50	47	43	43	43	42
Southern	72	71	70	68	59	57	54	52	34	34	34	35
Western	38	36	35	34	30	26	22	20	43	43	45	47
America	25	23	21	20	13	12	11	10	19	20	21	21
Caribbean	41	38	36	34	25	23	22	21	22	24	24	25
Central	33	31	30	29	27	24	21	19	12	12	12	12
Northern	23	21	19	18	2	2	2	2	24	26	27	29
Southern	23	21	18	17	20	17	15	13	21	23	24	24
Europe	29	29	28	28	10	8	7	6	38	36	34	33
Eastern	32	32	32	32	15	13	11	10	37	34	31	29
Northern	17	17	16	16	4	3	3	3	26	26	26	26
Southern	35	35	34	33	12	10	8	6	42	44	44	45
Western	25	25	24	23	4	3	2	2	38	37	37	37
Oceania	29	30	30	30	19	19	18	18	45	47	49	50
Australia and New Zealand	14	13	12	11	6	5	5	5	32	36	39	41
Melanesia	80	81	81	81	71	69	66	64	51	52	52	53
Micronesia	36	34	33	32	29	26	25	23	27	27	27	27
Polynesia	59	59	58	57	38	34	30	28	33	35	36	37
Developed countries	28	27	26	25	7	6	5	4	37	35	34	33
Africa												
America	23	21	19	18	2	2	2	2	24	26	27	29
Asia	35	35	34	33	5	4	3	2	44	43	41	41
Europe	29	29	28	28	10	8	7	6	38	36	34	33
Oceania	14	13	12	11	6	5	5	5	32	36	39	41
Developing countries	62	60	57	55	57	54	51	49	42	42	43	43
Africa	66	64	62	60	60	58	55	54	46	47	48	48
America	27	25	22	21	22	19	17	15	18	20	20	21
Asia	67	64	61	59	61	58	55	53	42	42	43	43
Oceania	76	76	77	77	66	64	61	60	49	50	51	52
Europe												
Special Groupings												
Near East*	47	45	44	42	37	33	29	27	37	38	41	42
Near East & North Africa	47	45	43	42	36	32	28	26	38	40	42	43
Sub-Saharan Africa**	71	69	66	64	69	67	64	62	47	48	48	49
East-SouthEastAsia***	56	52	49	47	42	40	38	37	43	43	43	43
Lat.America&Caribbean	27	25	22	21	22	19	17	15	18	20	20	21

* In Africa and Asia ** Excluding South Africa *** Excluding China

LAND USE AND AGRICULTURAL INPUTS



Source: FAO Forestry Department

3.1 Total area, arable land and land under permanent crops

World/Region	Year	Total Area	Arable land	Land under permanent crops	Arable land over total area	Total Area	Arable land	Land under permanent crops
		(million ha)			(%)	Share in total World (%)		
WORLD								
	1995	13 435.0	1 392.7	127.9	10.4			
	2000	13 439.2	1 382.3	132.1	10.3			
	2005	13 439.3	1 391.8	142.2	10.4			
	2008	13 459.3	1 380.5	146.2	10.3			
Africa								
	1995	3 031.5	192.2	23.7	6.3	0.23	0.14	0.19
	2000	3 031.5	196.7	25.0	6.5	0.23	0.14	0.20
	2005	3 031.5	213.7	27.3	7.0	0.23	0.15	0.21
	2008	3 031.5	222.8	28.1	7.3	0.23	0.16	0.22
Eastern Africa								
	1995	636.1	46.8	5.8	7.3	0.05	0.03	0.05
	2000	636.1	47.4	6.3	7.5	0.05	0.03	0.05
	2005	636.1	53.5	6.5	8.4	0.05	0.04	0.05
	2008	636.1	55.3	6.9	8.7	0.05	0.04	0.05
Middle Africa								
	1995	661.3	21.9	3.2	3.3	0.05	0.02	0.02
	2000	661.3	22.1	2.8	3.3	0.05	0.02	0.02
	2005	661.3	23.0	2.7	3.5	0.05	0.02	0.02
	2008	661.3	23.2	2.7	3.5	0.05	0.02	0.02
Northern Africa								
	1995	852.5	40.1	4.3	4.7	0.06	0.03	0.03
	2000	852.5	40.1	4.5	4.7	0.06	0.03	0.04
	2005	852.5	42.4	5.1	5.0	0.06	0.03	0.04
	2008	852.5	43.6	5.3	5.1	0.06	0.03	0.04
Southern Africa								
	1995	267.3	16.6	0.9	6.2	0.02	0.01	0.01
	2000	267.3	16.4	1.0	6.1	0.02	0.01	0.01
	2005	267.3	16.3	1.0	6.1	0.02	0.01	0.01
	2008	267.3	16.1	1.0	6.0	0.02	0.01	0.01
Western Africa								
	1995	614.4	66.8	9.6	10.9	0.05	0.05	0.07
	2000	614.4	70.7	10.4	11.5	0.05	0.05	0.08
	2005	614.4	78.6	12.0	12.8	0.05	0.06	0.09
	2008	614.4	84.6	12.2	13.8	0.05	0.06	0.10
Asia								
	1995	3 196.8	496.1	57.5	15.5	0.24	0.36	0.45
	2000	3 196.7	485.2	60.5	15.2	0.24	0.35	0.47
	2005	3 196.7	482.8	68.0	15.1	0.24	0.35	0.53
	2008	3 196.8	470.3	71.0	14.7	0.24	0.34	0.55

Note: Data exclude the portion of land under Azov Sea and White Sea

3.1b Total area, arable land and land under permanent crops

World/Region	Year	Total Area	Arable land	Land under permanent crops	Arable land over total area	Total Area	Arable land	Land under permanent crops
		(million ha)			(%)	Share in total World (%)		
Central Asia								
	1995	400.3	39.9	0.8	10.0	0.03	0.03	0.01
	2000	400.3	29.8	0.7	7.4	0.03	0.02	0.01
	2005	400.3	30.9	0.7	7.7	0.03	0.02	0.01
	2008	400.3	30.9	0.7	7.7	0.03	0.02	0.01
Eastern Asia								
	1995	1 176.2	132.3	11.4	11.2	0.09	0.09	0.09
	2000	1 176.2	131.0	11.9	11.1	0.09	0.09	0.09
	2005	1 176.2	128.0	13.2	10.9	0.09	0.09	0.10
	2008	1 176.2	118.1	14.6	10.0	0.09	0.08	0.11
South Eastern Asia								
	1995	449.5	60.9	29.0	13.5	0.03	0.04	0.23
	2000	449.3	63.8	29.7	14.2	0.03	0.05	0.23
	2005	449.5	65.2	34.0	14.5	0.03	0.05	0.27
	2008	449.5	66.5	34.1	14.8	0.03	0.05	0.27
Southern Asia								
	1995	687.8	218.9	11.5	31.8	0.05	0.16	0.09
	2000	687.8	218.1	12.8	31.7	0.05	0.16	0.10
	2005	687.6	216.1	14.6	31.4	0.05	0.16	0.11
	2008	687.6	215.0	15.8	31.3	0.05	0.15	0.12
Western Asia								
	1995	483.1	44.1	4.9	9.1	0.04	0.03	0.04
	2000	483.1	42.6	5.2	8.8	0.04	0.03	0.04
	2005	483.1	42.6	5.4	8.8	0.04	0.03	0.04
	2008	483.1	39.9	5.8	8.3	0.04	0.03	0.05
America								
	1995	4 050.7	368.4	28.5	9.1	0.30	0.26	0.22
	2000	4 055.1	363.7	28.5	9.0	0.30	0.26	0.22
	2005	4 055.1	366.6	29.3	9.0	0.30	0.26	0.23
	2008	4 075.1	365.4	29.8	9.0	0.30	0.26	0.23
Caribbean								
	1995	23.4	5.7	1.6	24.4	0.002	0.004	0.01
	2000	23.4	5.6	1.6	23.7	0.002	0.004	0.01
	2005	23.4	5.7	1.5	24.4	0.002	0.004	0.01
	2008	23.4	5.7	1.4	24.2	0.002	0.004	0.01
Central America								
	1995	248.7	31.1	4.1	12.5	0.02	0.02	0.03
	2000	248.7	31.0	4.2	12.4	0.02	0.02	0.03
	2005	248.7	31.1	4.8	12.5	0.02	0.02	0.04
	2008	248.7	30.5	5.0	12.3	0.02	0.02	0.04

Note: Data exclude the portion of land under Azov Sea and White Sea

3.1c Total area, arable land and land under permanent crops

World/Region	Year	Total Area	Arable land	Land under permanent crops	Arable land over total area	Total Area	Arable land	Land under permanent crops
		(million ha)			(%)	Share in total World (%)		
Northern America								
	1995	1 995.6	227.4	9.1	11.4	0.15	0.16	0.07
	2000	2 002.7	221.2	9.1	11.0	0.15	0.16	0.07
	2005	2 002.7	217.7	9.6	10.9	0.15	0.16	0.08
	2008	2 022.7	215.6	9.8	10.7	0.15	0.15	0.08
Southern America								
	1995	1 783.0	104.3	13.8	5.8	0.13	0.07	0.11
	2000	1 780.3	106.0	13.7	6.0	0.13	0.08	0.11
	2005	1 780.3	112.1	13.5	6.3	0.13	0.08	0.11
	2008	1 780.3	113.6	13.7	6.4	0.13	0.08	0.11
Europe								
	1995	2 299.9	293.9	16.9	12.8	0.17	0.21	0.13
	2000	2 299.8	287.4	16.7	12.5	0.17	0.21	0.13
	2005	2 299.8	278.4	16.2	12.1	0.17	0.20	0.13
	2008	2 299.9	277.0	15.9	12.0	0.17	0.20	0.12
Eastern Europe								
	1995	1 882.6	205.8	5.2	10.9	0.14	0.15	0.04
	2000	1 882.6	201.0	4.9	10.7	0.14	0.14	0.04
	2005	1 882.6	195.0	4.7	10.4	0.14	0.14	0.04
	2008	1 882.6	194.8	4.5	10.3	0.14	0.14	0.04
Northern Europe								
	1995	174.9	19.9	0.2	11.4	0.01	0.01	0.00
	2000	174.9	19.7	0.1	11.3	0.01	0.01	0.00
	2005	174.9	18.6	0.1	10.7	0.01	0.01	0.00
	2008	175.0	18.9	0.1	10.8	0.01	0.01	0.00
Southern Europe								
	1995	131.7	34.4	10.0	26.1	0.01	0.02	0.08
	2000	131.6	32.8	10.2	24.9	0.01	0.02	0.08
	2005	131.6	30.6	9.9	23.2	0.01	0.02	0.08
	2008	131.6	29.4	9.8	22.3	0.01	0.02	0.08
Western Europe								
	1995	110.6	33.7	1.6	30.5	0.01	0.02	0.01
	2000	110.6	33.9	1.5	30.6	0.01	0.02	0.01
	2005	110.6	34.2	1.5	30.9	0.01	0.02	0.01
	2008	110.6	34.0	1.4	30.7	0.01	0.02	0.01
Oceania								
	1995	856.1	42.1	1.2	4.9	0.06	0.03	0.01
	2000	856.1	49.3	1.4	5.8	0.06	0.04	0.01
	2005	856.1	50.3	1.4	5.9	0.06	0.04	0.01
	2008	856.1	45.0	1.5	5.3	0.06	0.03	0.01

Note: Data exclude the portion of land under Azov Sea and White Sea

3.1d Total area, arable land and land under permanent crops

World/Region	Year	Total Area	Arable land	Land under permanent crops	Arable land over total area	Total Area	Arable land	Land under permanent crops
		(million ha)			(%)	Share in total World (%)		
Australia and New Zealand								
	1995	800.9	41.7	0.2	5.2	0.060	0.030	0.002
	2000	800.9	48.8	0.3	6.1	0.060	0.035	0.003
	2005	800.9	49.8	0.4	6.2	0.060	0.036	0.003
	2008	800.9	44.5	0.4	5.6	0.060	0.032	0.003
Melanesia								
	1995	54.1	0.4	0.8	0.8	0.004	0.000	0.006
	2000	54.1	0.4	0.9	0.8	0.004	0.000	0.007
	2005	54.1	0.5	0.9	0.8	0.004	0.000	0.007
	2008	54.1	0.5	0.9	0.9	0.004	0.000	0.007
Micronesia								
	1995	0.3	0.0	0.1	3.0	0.000	0.000	0.001
	2000	0.3	0.0	0.1	3.0	0.000	0.000	0.001
	2005	0.3	0.0	0.1	3.3	0.000	0.000	0.001
	2008	0.3	0.0	0.1	3.0	0.000	0.000	0.001
Polynesia								
	1995	0.9	0.1	0.1	6.0	0.000	0.000	0.001
	2000	0.9	0.1	0.1	5.9	0.000	0.000	0.001
	2005	0.9	0.0	0.1	5.8	0.000	0.000	0.001
	2008	0.9	0.0	0.1	5.8	0.000	0.000	0.001
Developed Countries								
	1995	5 134.1	567.6	26.6	11.1	0.38	0.41	0.21
	2000	5 141.2	561.9	26.5	10.9	0.38	0.40	0.21
	2005	5 141.3	550.3	26.5	10.7	0.38	0.40	0.21
	2008	5 161.2	541.4	26.3	10.5	0.38	0.39	0.21
Developing Countries								
	1995	8 300.9	825.1	101.3	9.9	0.62	0.59	0.79
	2000	8 298.0	820.4	105.6	9.9	0.62	0.59	0.83
	2005	8 298.1	841.5	115.7	10.1	0.62	0.60	0.90
	2008	8 298.1	839.1	119.9	10.1	0.62	0.60	0.94
Special Groupings								
Near East*								
	1995	1 228.7	86.7	6.5	7.1	0.091	0.062	0.051
	2000	1 228.7	82.6	7.0	6.7	0.091	0.059	0.055
	2005	1 228.7	87.9	7.9	7.2	0.091	0.063	0.062
	2008	1 228.7	86.9	8.5	7.1	0.091	0.062	0.066
Near East & North Africa								
	1995	1 554.5	106.0	9.9	6.8	0.116	0.076	0.077
	2000	1 554.5	101.9	10.5	6.6	0.116	0.073	0.082
	2005	1 554.5	106.2	11.8	6.8	0.116	0.076	0.092
	2008	1 554.5	105.2	12.5	6.8	0.116	0.076	0.098
Sub-Saharan Africa**								
	1995	2 334.3	153.3	18.6	6.6	0.174	0.110	0.146
	2000	2 334.3	158.1	19.6	6.8	0.174	0.113	0.154
	2005	2 334.3	176.1	21.4	7.5	0.174	0.126	0.168
	2008	2 334.3	185.4	22.0	7.9	0.174	0.133	0.172

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Data exclude the portion of land under Azov Sea and White Sea

3.1e Total area, arable land and land under permanent crops

World/Region	Year	Total Area	Arable land	Land under permanent crops	Arable land over total area	Total Area	Arable land	Land under permanent crops
		(million ha)			(%)	Share in total World (%)		
East-SouthEastAsia***								
	1995	665.7	71.0	29.8	10.7	0.05	0.05	0.23
	2000	665.5	73.8	30.5	11.1	0.05	0.05	0.24
	2005	665.8	74.8	34.7	11.2	0.05	0.05	0.27
	2008	665.8	75.9	34.8	11.4	0.05	0.05	0.27
Lat.America&Caribbean								
	1995	2 055.1	141.1	19.4	6.9	0.15	0.10	0.15
	2000	2 052.4	142.5	19.5	6.9	0.15	0.10	0.15
	2005	2 052.4	148.9	19.7	7.3	0.15	0.11	0.15
	2008	2 052.4	149.8	20.1	7.3	0.15	0.11	0.16

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Data exclude the portion of land under Azov Sea and White Sea

3.2 Per Person Land Availability Ratios

World/Region	In total population				In population dependent on agriculture				in population economically active in agriculture			
	1995	2000	2005	2008	1995	2000	2005	2008	1995	2000	2005	2008
	..... ha											
WORLD	0.27	0.25	0.24	0.23	0.60	0.59	0.59	0.58	1.28	1.23	1.21	1.18
Africa	0.30	0.27	0.26	0.25	0.52	0.49	0.50	0.50	1.33	1.24	1.22	1.20
Eastern	9.18	8.07	7.63	7.18	15.64	14.95	15.52	15.52	39.94	37.80	38.56	38.11
Middle	0.29	0.25	0.23	0.21	0.44	0.40	0.38	0.37	1.11	1.01	0.95	0.91
Northern	0.27	0.25	0.24	0.24	0.69	0.68	0.73	0.76	2.35	2.24	2.31	2.33
Southern	0.37	0.34	0.31	0.30	1.85	1.92	2.04	2.11	7.01	6.99	7.28	7.40
Western	0.37	0.34	0.34	0.33	0.68	0.68	0.72	0.74	1.93	1.90	1.96	1.99
Asia	0.16	0.15	0.14	0.13	0.29	0.28	0.28	0.28	0.59	0.56	0.55	0.53
Central	0.76	0.55	0.54	0.53	2.61	2.08	2.29	2.37	7.02	5.33	5.44	5.31
Eastern	0.10	0.10	0.09	0.09	0.17	0.17	0.17	0.16	0.29	0.28	0.28	0.26
South-Eastern	0.19	0.18	0.18	0.17	0.36	0.37	0.39	0.39	0.72	0.72	0.73	0.73
Southern	0.17	0.16	0.14	0.14	0.32	0.30	0.29	0.29	0.78	0.74	0.69	0.66
Western	0.29	0.25	0.23	0.20	1.16	1.19	1.24	1.21	2.83	2.93	3.00	2.92
America	0.51	0.47	0.44	0.43	3.31	3.46	3.73	3.89	8.44	8.34	8.57	8.75
Caribbean	0.20	0.19	0.18	0.17	0.71	0.73	0.74	0.75	1.98	1.93	1.92	1.89
Central	0.28	0.26	0.25	0.24	0.95	0.98	1.06	1.09	2.82	2.81	2.88	2.92
Northern	0.79	0.72	0.68	0.65	30.00	32.02	34.87	36.70	61.96	65.12	71.28	74.69
Southern	0.37	0.34	0.34	0.33	1.82	1.98	2.24	2.39	4.36	4.39	4.68	4.85
Europe	0.43	0.42	0.40	0.40	4.21	4.94	5.73	6.33	8.92	10.42	11.76	12.79
Eastern	0.68	0.68	0.67	0.68	4.54	5.27	6.12	6.79	9.33	10.94	12.36	13.46
Northern	0.22	0.21	0.19	0.19	5.01	5.77	6.24	6.82	10.76	12.20	12.91	13.89
Southern	0.31	0.30	0.27	0.26	2.70	3.20	3.63	3.92	6.18	7.03	7.68	8.19
Western	0.20	0.19	0.19	0.19	5.10	6.28	7.72	8.64	11.15	13.56	16.42	18.25
Oceania	1.49	1.63	1.54	1.33	7.07	7.74	7.45	6.49	16.59	18.12	17.26	14.84
Australia and New Zealand	1.92	2.13	2.05	1.77	33.41	40.35	41.93	38.02	66.55	79.66	79.73	71.60
Melanesia	0.20	0.18	0.17	0.17	0.28	0.26	0.24	0.25	0.68	0.63	0.59	0.59
Micronesia	0.18	0.16	0.15	0.14	0.60	0.59	0.60	0.60	1.34	1.35	1.28	1.27
Polynesia	0.23	0.21	0.21	0.20	0.61	0.62	0.68	0.72	1.59	1.61	1.72	1.81
Developed countries	0.51	0.49	0.47	0.46	6.64	7.86	9.19	10.03	13.85	16.31	18.69	20.16
Africa												
America	0.79	0.72	0.68	0.65	30.00	32.02	34.87	36.70	61.96	65.12	71.28	74.69
Asia	0.04	0.04	0.04	0.04	0.77	0.98	1.28	1.52	1.38	1.77	2.35	2.84
Europe	0.43	0.42	0.40	0.40	4.21	4.94	5.73	6.33	8.92	10.42	11.76	12.79
Oceania	1.92	2.13	2.05	1.77	33.41	40.35	41.93	38.02	66.55	79.66	79.73	71.60
Developing countries	0.20	0.19	0.18	0.17	0.38	0.37	0.38	0.37	0.81	0.78	0.77	0.76
Africa	0.30	0.27	0.26	0.25	0.52	0.49	0.50	0.50	1.33	1.24	1.22	1.20
America	0.33	0.31	0.30	0.29	1.43	1.52	1.69	1.78	3.71	3.72	3.92	4.03
Asia	0.17	0.15	0.14	0.14	0.29	0.28	0.28	0.27	0.59	0.56	0.55	0.53
Oceania	0.20	0.18	0.17	0.17	0.30	0.28	0.27	0.27	0.74	0.69	0.65	0.65
Europe												
Special Groupings												
Near East*	0.28	0.24	0.24	0.22	0.82	0.79	0.84	0.84	2.51	2.38	2.45	2.40
Near East & North Africa	0.29	0.26	0.25	0.23	0.87	0.85	0.89	0.89	2.66	2.53	2.56	2.51
Sub-Saharan Africa**	0.31	0.28	0.28	0.27	0.47	0.44	0.45	0.45	1.17	1.09	1.09	1.07
East-SouthEastAsia***	0.15	0.15	0.15	0.14	0.37	0.38	0.41	0.41	0.75	0.75	0.76	0.76
Lat.America&Caribbean	0.33	0.31	0.30	0.29	1.43	1.52	1.69	1.78	3.71	3.72	3.92	4.03

* In Africa and Asia ** Excluding South Africa *** Excluding China

Arable land refers to arable land plus area under permanent crops

3.3 Change in forest cover

	total area	Forest cover			Annual change	
	2008	2000	2005	2008	2005-2008	
World/Region	(million ha)				(million ha)	%(per year)
WORLD	13 459.3	4 084.6	4 060.4	4 044.2	-5.4	-0.1
Africa	3 031.5	708.6	691.5	681.2	-3.4	-0.5
Eastern	636.1	196.4	188.7	184.2	-1.5	-0.8
Middle	661.3	320.6	316.7	314.3	-0.8	-0.3
Northern	852.5	78.9	78.8	78.6	-0.0	-0.0
Southern	267.3	30.4	29.4	28.9	-0.2	-0.7
Western	614.4	82.3	77.9	75.2	-0.9	-1.2
Asia	3 196.8	570.2	584.0	589.1	1.7	0.3
Central	400.3	12.0	12.0	12.1	0.0	0.1
Eastern	1 176.2	226.8	241.8	249.5	2.6	1.0
South-Eastern	449.5	223.0	219.5	216.2	-1.1	-0.5
Southern	687.6	90.5	92.3	92.5	0.1	0.1
Western	483.1	17.8	18.4	18.8	0.1	0.6
America	4 075.1	1 609.2	1 587.0	1 576.9	-3.4	-0.2
Caribbean	23.4	5.8	6.1	6.8	0.2	3.5
Central	248.7	88.7	86.3	85.1	-0.4	-0.5
Northern	2 022.7	610.3	612.2	613.4	0.4	0.1
Southern	1 780.3	904.3	882.3	871.5	-3.6	-0.4
Europe	2 299.9	998.2	1 001.1	1 003.5	0.8	0.1
Eastern	1 882.6	852.6	853.0	853.7	0.3	0.0
Northern	175.0	70.6	71.8	72.1	0.1	0.1
Southern	131.6	42.4	43.4	44.4	0.3	0.8
Western	110.6	32.6	33.0	33.2	0.1	0.2
Oceania	856.1	198.4	196.7	193.5	-1.1	-0.6
Australia and New Zealand	800.9	163.2	162.2	159.4	-0.9	-0.6
Melanesia	54.1	34.7	34.0	33.5	-0.1	-0.4
Micronesia	0.3	0.2	0.2	0.2	-0.0	-0.1
Polynesia	0.9	0.3	0.4	0.4	0.0	1.3
Developed countries	5 161.2	1 796.6	1 800.6	1 801.3	0.2	0.0
Africa						
America	2 022.7	610.3	612.2	613.4	0.4	0.1
Asia	37.8	24.9	24.9	25.0	0.0	0.0
Europe	2 299.9	998.2	1 001.1	1 003.5	0.8	0.1
Oceania	800.9	163.2	162.2	159.4	-0.9	-0.6
Developing countries	8 298.1	2 287.9	2 259.8	2 243.0	-5.6	-0.3
Africa	3 031.5	708.6	691.5	681.2	-3.4	-0.5
America	2 052.4	998.9	974.7	963.5	-3.7	-0.4
Asia	3 159.0	545.3	559.1	564.2	1.7	0.3
Oceania	55.2	35.2	34.5	34.1	-0.1	-0.4
Europe						
Special Groupings						
Near East*	1 228.7	96.8	97.2	97.4	0.1	0.1
Near East & North Africa	1 554.5	105.0	105.5	105.7	0.1	0.1
Sub-Saharan Africa**	2 334.3	691.6	674.4	664.1	-3.4	-0.5
East-SouthEastAsia***	665.8	272.9	268.3	264.4	-1.3	-0.5
Lat.America&Caribbean	2 052.4	998.9	974.7	963.5	-3.7	-0.4

* In Africa and Asia ** Excluding South Africa *** Excluding China

3.4 World Fertilizer Production and Consumption

6.4 World Fertilizer Production and Consumption							
	Production				Consumption		
Fertilizer	2002	2005	2008	Fertilizer	2002	2005	2008
(million tonnes of nutrients)							
Nitrogen	88	96	102	Nitrogen	86	91	99
Phosphate	36	43	39	Phosphate	34	40	37
Potash	27	32	30	Potash	24	28	26
Total	151	171	171	Total	144	159	162

World aggregate only includes data for reporting countries.

3.5 Leading Fertilizer Producing and Consuming Countries

Production		% of World production	Consumption		% of World consumption
Producers	(million tonnes of nutrients)		Consumers	(million tonnes of nutrients)	
2008			2008		
China	51	30	China	53	31
USA	21	12	India	23	13
Russian Fed.	17	10	USA	20	12
India	16	9	Brazil	11	7
Canada	14	8	France	4	2
Rest of the World	52	30	Rest of the World	51	35

3.6 Fertilizer Consumption to Arable Land and Area Under Permanent Crops Ratio (kg nutrients/ha)

World/Region	2004	2005	2006	2007	2008
	(kg nutrients/ha)				
WORLD	100	103	108	113	106
Africa	19	19	17	17	19
Eastern	10	12	12	12	10
Middle	4	2	3	3	3
Northern	55	54	46	46	55
Southern	47	36	46	45	42
Western	6	6	6	3	7
Asia	149	166	175	184	180
Central	7	5	6	5	3
Eastern	295	357	378	416	398
South-Eastern	107	93	96	109	104
Southern	110	119	127	128	134
Western	81	87	87	80	68
America	101	95	102	107	93
Caribbean	13	14	20	17	29
Central	66	72	68	68	46
Northern	100	98	108	103	89
Southern	118	99	105	131	116
Europe	75	74	73	79	71
Eastern	31	34	36	39	42
Northern	214	195	186	182	175
Southern	123	115	111	121	98
Western	199	187	181	199	145
Oceania	67	69	58	61	49
Australia and New Zealand	69	70	60	63	51
Melanesia	21	19	15	19	22
Micronesia	0	0	...	...	...
Polynesia	19	17	12	8	15
Developed countries	87	85	88	89	78
Africa					
America	100	98	108	103	89
Asia	329	323	309	326	259
Europe	75	74	73	79	71
Oceania	69	70	60	63	51
Developing countries	108	115	120	127	123
Africa	19	19	17	17	19
America	102	90	94	113	98
Asia	148	165	174	183	179
Oceania	19	18	14	17	20
Europe					
Special Groupings					
Near East*	78	78	77	70	70
Near East & North Africa	69	69	69	63	62
Sub-Saharan Africa**	7	7	7	6	7
East-SouthEastAsia***	119	107	107	120	112
Lat.America&Caribbean	102	90	94	113	98

* In Africa and Asia ** Excluding South Africa *** Excluding China

The Fertilizer module contains summary data for the 2002-2007 period. This dataset has been prepared using a revised methodology and new dissemination formats. The previous fertilizer data series in FAOSTAT is continued with this data release. The fertilizer statistics data is received from countries in fertilizer product format and is converted to nutrient format and summary totals calculated for: Production, Imports, Exports, Non-fertilizer use and Consumption for the straight fertilizers: Nitrogen (N), Phosphates (P2O5), Potash (K2O). The review and analysis starts from 2002. Some countries compile fertilizer data on a calendar year basis, while others are on a split-year basis. For the purpose of data dissemination, the concept of a calendar year (January to December) has been adopted. Fertilizer data reported by a country following a split year basis will be treated on a calendar year basis, January to December. If a country data was reported produced, imported, exported or consumed, for example, in June 2004/July 2005, but actual activity occurred in half year June 2004, the half year 2004 will be recorded to represent the calendar year 2004.

3.7 Production of Pesticides (insecticides, fungicides, disinfectants, etc.)

Country	1995	2000	2006	Country	1995	2000	2006
(thousand tonnes)				(thousand tonnes)			
Africa				Europe			
Egypt	25.3	55.0	...	Austria	12.4	15.6	...
Kenya	0.8	0.7	1.6	Belgium ^{8/}	...	182.4	...
South Africa ^{1/}	36.0	...	...	Bulgaria	7.6	...	3.3
Tanzania, United Rep. ^{2/}	...	0.0	0.9	Croatia	6.8	...	3.2
America				Czech Republic	21.8	19.1	18.5
Chile	...	...	10.9	Denmark	17.7	20.5	23.2
Colombia	21.1	...	...	Finland	14.1	1.8	...
Cuba	3.5	6.9	1.6	Germany ^{9/}	127.5	84.1	122.7
Ecuador	1.6	1.9	...	Greece	11.1	11.4	...
Mexico	44.4	62.1	65.2	Hungary	19.4	14.7	5.8
Panama ^{3/}	1899.0	...	...	Ireland	4.6	3.2	...
Peru	0.3	1.2	...	Latvia	0.0	...	...
Asia				Lithuania ^{10/}	0.6	0.4	0.4
Bangladesh ^{4/}	...	9.1	...	Macedonia, TFYRO	0.2	0.2	0.2
China	282.0	397.2	505.3	Poland	24.2	...	35.0
Cyprus	0.3	...	...	Portugal ^{11/}	14.9	15.6	19.9
Indonesia	18.4	...	...	Romania	15.1	3.6	12.8
Iran, Islamic Rep of ^{5/}	...	16.0	12.9	Russian Federation	15.9	10.6	10.1
Kazakhstan	...	1.8	3.0	Serbia	...	...	6.2
Korea, Rep. of	78.8	77.9	65.9	Serbia and Montenegro	7.3	6.9	...
Turkey	32.3	29.7	...	Slovakia	...	2.8	2.8
Uzbekistan	14.7	...	...	Slovenia	6.1	1.4	...
Viet Nam ^{6/}	15.6	25.3	64.3	Spain	91.1	104.5	137.7
Yemen ^{7/}	1078.0	281.0	...	Sweden ^{12/}	8.6	2.0	5.5
				Ukraine	4.1	1.1	2.0
				United Kingdom	306.9	41.1	...

^{1/} Excluding products usually measured in units of volume

^{2/} Tanganyika only.

^{3/} Data are in kilolitres.

^{4/} Insecticides only.

^{5/} 2000 production by establishments employing

10 or more persons.

^{6/} 1995 Insecticides only.

^{7/} Data are in kilolitres. Source: Bulletin of Industrial Statistics

products, put up in forms or packings for retail sale or as preparations or articles (for example sulphur-treated bands, wicks and candles,

for the Arab Countries. United Nations Economic and Social Commission for Western Asia (Beirut).

^{8/} Incomplete coverage.

^{9/} 1995 and 2000 on the basis of 100 per cent active substances.

^{10/} 2006 on the basis of 100 per cent active substances.

^{11/} On the basis of 100 per cent active substances for the Arab Countries. United Nations

^{12/} 2000 refer to activated matter Economic and Social Commission for Western Asia (Beirut)

Note: Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products and plant- growth regulators, disinfectants and similar products, put up in form of packings for retail sale or as preparations or articles (for exemple sulphur-treated bands, wicks and candles, and fly-papers)

3.8 Imports and Exports of Pesticides

World/Region	Value of Imports and Exports							
	(US\$ million)				(US\$ million)			
	1995	2000	2005	2008	1995	2000	2005	2008
	Imports				Exports			
WORLD	10 248	10 858	16 511	24 970	10 564	11 189	16 833	24 550
Africa	580	546	912	1 264	173	140	193	183
Eastern	155	155	177	310	14	11	11	31
Middle	33	28	42	45	2	0	0	7
Northern	164	145	260	318	6	4	3	6
Southern	111	115	169	257	127	110	144	122
Western	117	103	264	334	24	15	36	17
Asia	1 864	2 225	2 846	4 181	1 230	1 727	3 456	5 331
Central	45	51	85	174	0	3	0	1
Eastern	787	779	790	1 173	746	917	1 860	2 707
South-Eastern	426	646	966	1 602	163	344	395	658
Southern	306	283	512	589	163	274	637	1 030
Western	300	465	493	643	158	190	564	935
America	2 084	2 547	3 917	6 226	1 861	2 263	2 775	4 340
Caribbean	156	100	98	191	13	18	22	14
Central	398	489	700	928	72	138	242	334
Northern	859	990	1 465	1 940	1 416	1 621	1 734	2 583
Southern	671	969	1 654	3 166	359	485	778	1 409
Europe	5 563	5 267	8 414	12 700	7 207	6 949	10 281	14 531
Eastern	806	771	1 633	2 804	145	123	257	451
Northern	861	798	1 191	1 889	1 209	1 326	1 662	1 908
Southern	970	934	1 509	2 237	397	627	1 167	1 669
Western	2 926	2 764	4 082	5 771	5 456	4 874	7 195	10 503
Oceania	157	274	422	600	94	110	128	165
Australia and New Zealand	141	259	401	575	94	110	128	165
Melanesia	10	9	14	16	0	0	0	0
Micronesia	1	0	0	0	0	...	...	...
Polynesia	6	6	8	8	0	0	0	...
Developed countries	6 821	6 785	10 576	15 620	9 029	8 955	12 452	17 661
Africa								
America	859	990	1 465	1 940	1 416	1 621	1 734	2 583
Asia	259	270	296	405	311	275	309	383
Europe	5 563	5 267	8 414	12 700	7 207	6 949	10 281	14 531
Oceania	141	259	401	575	94	110	128	165
Developing countries	3 427	4 073	5 935	9 350	1 535	2 235	4 381	6 889
Africa	580	546	912	1 264	173	140	193	183
America	1 225	1 558	2 452	4 286	444	642	1 042	1 758
Asia	1 605	1 955	2 550	3 776	918	1 452	3 146	4 948
Oceania	16	15	22	25	0	0	0	0
Europe								
Special Groupings								
Near East*	480	591	602	718	53	48	91	134
Near East & North Africa	556	682	817	961	55	51	94	137
Sub-Saharan Africa**	337	310	513	713	40	27	47	55
East-SouthEastAsia***	738	986	1 393	2 197	493	642	764	1 169
Lat.America&Caribbean	1 225	1 558	2 452	4 286	444	642	1 042	1 758

* In Africa and Asia ** Excluding South Africa *** Excluding China

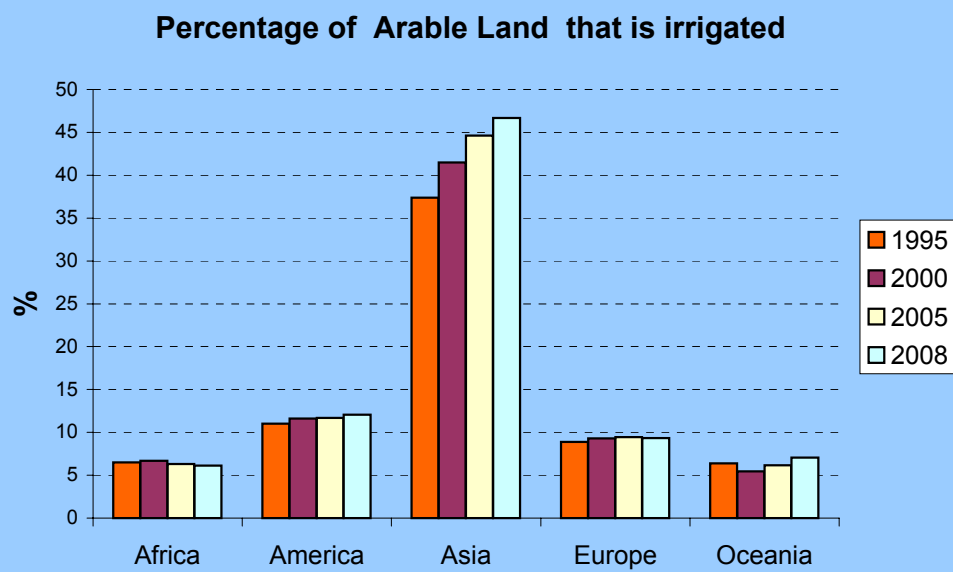
3.9 Agricultural tractors and harvesters/threshers in use per 1000 ha of arable land ****

World/Region	Agricultural tractors				Harvesters Threshers			
	1995	2000	2005	2007	1995	2000	2005	2007
	(Number/1000 ha)							
Continental groupings								
WORLD	17.0	17.7	18.6	19.3	2.8	2.9	2.9	2.9
Africa	2.6	2.4	2.5	2.5	0.2	0.2	0.2	0.1
Eastern	1.2	1.5	1.4	1.4	0.0	0.0	0.0	0.0
Middle	0.6	0.6	0.5	0.5	0.0	0.0	0.0	0.0
Northern	6.8	7.0	7.8	8.4	0.5	0.5	0.5	0.5
Southern	8.1	4.8	4.1	4.2	0.7	0.6	0.6	0.6
Western	0.5	0.6	0.6	0.6	0.0	0.0	0.0	0.0
Asia	12.1	15.0	17.8	20.3	4.0	4.8	5.2	5.2
Central	11.0	10.6	9.7	9.7	2.2	1.6	1.4	1.4
Eastern	20.8	22.9	25.6	32.0	9.4	9.6	10.9	12.6
South-Eastern	3.5	7.3	10.3	10.7	5.4	8.4	8.0	5.6
Southern	8.3	11.7	15.4	17.3	1.0	1.5	2.0	2.1
Western	21.3	25.5	27.2	29.3	0.7	0.7	0.7	0.7
America	16.9	17.6	17.3	17.0	2.1	1.9	1.6	1.5
Caribbean	12.5	12.8	12.7	12.2	1.0	1.0	1.0	1.0
Central	9.3	8.7	7.9	7.6	0.8	0.8	0.8	0.8
Northern	21.4	22.7	22.9	22.7	2.8	2.5	2.0	1.9
Southern	10.6	10.5	10.0	9.8	1.0	1.1	1.0	1.0
Europe	37.1	35.7	37.0	36.2	3.8	3.3	3.1	3.0
Eastern	16.2	14.2	14.0	14.2	2.8	2.3	2.1	2.0
Northern	75.8	71.7	75.6	75.0	9.3	9.1	9.0	8.9
Southern	74.4	83.0	98.5	95.7	2.7	2.9	3.2	3.3
Western	92.9	83.3	75.5	72.8	8.0	6.5	5.6	5.3
Oceania	9.2	7.8	7.7	8.6	1.4	1.2	1.2	1.3
Australia and New Zealand	9.3	7.9	7.8	8.7	1.4	1.2	1.2	1.3
Melanesia	7.7	7.1	6.8	6.9	0.4	0.4	0.4	0.4
Micronesia	1.8	2.0	2.3	2.5	...	...	...	...
Polynesia	5.2	5.2	6.5	6.7	0.1	0.1	0.1	0.1
Developed countries	32.1	31.5	31.9	31.7	5.2	4.6	4.2	4.1
Africa								
America	21.4	22.7	22.9	22.7	2.8	2.5	2.0	1.9
Asia	421.4	419.8	407.2	403.7	238.8	216.9	207.2	205.8
Europe	37.1	35.7	37.0	36.2	3.8	3.3	3.1	3.0
Oceania	9.3	7.9	7.8	8.7	1.4	1.2	1.2	1.3
Developing countries	7.4	9.0	10.6	11.9	1.3	1.9	2.2	2.1
Africa	2.6	2.4	2.5	2.5	0.2	0.2	0.2	0.1
America	10.4	10.2	9.7	9.4	1.0	1.0	1.0	1.0
Asia	8.4	11.4	14.5	16.9	1.8	2.9	3.5	3.4
Oceania	7.1	6.7	6.5	6.7	0.3	0.3	0.3	0.3
Europe								
Special Groupings								
Near East*	14.2	16.8	17.8	19.0	0.4	0.5	0.5	0.5
Near East & North Africa	12.9	15.0	16.0	17.0	0.5	0.5	0.5	0.6
Sub-Saharan Africa**	0.8	0.9	1.1	1.1	0.0	0.0	0.0	0.0
East-SouthEastAsia***	25.9	28.5	29.5	29.6	17.5	18.4	16.9	14.6
Lat.America&Caribbean	10.4	10.2	9.7	9.4	1.0	1.0	1.0	1.0

* In Africa and Asia ** Excluding South Africa *** Excluding China

**** Arable land refers to arable land plus area under permanent crops

WATER RESOURCES AND IRRIGATION



4.1 Large Rivers of the World

Continent/River	Average runoff	Area of basin	Length
	(km ³ /year)	(10 ³ km ²)	(km)
Africa			
Congo	1 460	3 820	4 370
Niger	320	2 090	4 160
Nile	202	2 870	6 670
America			
Amazon	6 930	6 915	6 280
Orinoco	914	1 000	2 740
Paraná	725	2 970	4 700
Mississippi	580	3 220	5 985
St. Lawrence	439	1 290	3 060
Mackenzie	350	1 800	4 240
Columbia	267	669	1 950
Magdalena	260	260	1 530
Yukon	207	852	3 000
Asia			
Ganges (with Brahmaputra)	1 400	1 730	3 000
Yangzijiang	995	1 800	5 520
Yenisei	610	2 580	3 490
Lena	532	2 490	4 400
Mekong	510	810	4 500
Irrawaddy	486	410	2 300
Ob	395	2 990	3 650
Chutsyan	363	437	2 130
Indus	220	960	3 180
Salween	211	325	2 820
Europe			
Amur	355	1 855	2 820
Volga	254	1 360	3 350
Danube	214	817	2 860

4.2 Distribution of World Water Resources

Location	Water volume (10 ³ km ³)	As % of fresh water	As % of total water
Total Water	1 385 985		100
Fresh Water	35 029	100	2.5274
Glaciers and ice caps	24 064	68.6972	1.7362
Groundwater	10 530	30.0607	0.7597
Underground ice (permafrost)	300	0.8564	0.0216
Fresh water lakes	91	0.2598	0.0066
Vadose (incl. soil moisture)	17	0.0471	0.0012
Atmospheric water	13	0.0368	0.0009
Swamps	12	0.0328	0.0008
Stream channels	2	0.0060	0.0002
Biological water	1	0.0031	0.0001
Saline Water	1 350 955		97.4726
Oceans	1 338 000		96.5379
Saline groundwater	12 870		0.9286
Saline lakes and inland seas	85		0.0062

4.3 Freshwater availability

World/Continent	(volume per year(km ³))	% of world freshwater resources	Per Caput (1000 m ³)			
	2003-2007	2003-2007	1995	2000	2005	2009
						*
WORLD	43 043	100.0	7.5	7.0	6.6	6.3
Africa	3 936	9.1	5.4	4.8	4.3	3.9
Eastern	849	2.0	3.9	3.4	3.0	2.7
Middle	1 891	4.4	21.9	19.3	16.7	15.0
Northern	77	0.2	0.5	0.4	0.4	0.4
Southern	61	0.1	1.3	1.2	1.1	1.1
Western	1 057	2.5	5.1	4.4	3.9	3.5
Asia	11 593	26.9	3.4	3.1	2.9	2.8
Central	208	0.5	3.9	3.8	3.6	3.4
Eastern	3 410	7.9	2.4	2.3	2.2	2.2
South-Eastern	5 689	13.2	11.9	11.0	10.3	9.8
Southern	1 930	4.5	1.4	1.3	1.2	1.1
Western	356	0.8	2.1	1.9	1.7	1.6
America	19 220	44.7	24.6	22.9	21.6	20.6
Caribbean	93	0.2	2.5	2.4	2.3	2.2
Central	1 097	2.5	8.8	8.1	7.6	7.3
Northern	5 650	13.1	18.8	17.7	16.9	16.2
Southern	12 380	28.8	38.5	35.6	33.3	31.8
Europe	6 591	15.3	9.1	9.1	9.0	9.0
Eastern	4 553	10.6	14.7	15.0	15.3	15.6
Northern	1 075	2.5	11.5	11.4	11.1	10.9
Southern	558	1.3	3.9	3.8	3.7	3.6
Western	405	0.9	2.2	2.2	2.2	2.2
Oceania	1 703	4.0	58.6	54.7	50.8	48.1
Australia and New Zealand	819	1.9	37.6	35.5	33.4	32.0
Melanesia	874	2.0	140.9	124.7	111.1	101.7
Micronesia	...	...	...	...	...	...
Polynesia	10	0.0	17.3	16.2	15.5	15.0
Developed countries	13 490	31.3	11.5	11.3	11.1	10.9
Africa						
America	5 650	13.1	18.8	17.7	16.9	16.2
Asia	430	1.0	3.4	3.4	3.4	3.4
Europe	6 591	15.3	9.1	9.1	9.0	9.0
Oceania	819	1.9	37.6	35.5	33.4	32.0
Developing countries	29 553	68.7	...	...	...	...
Africa	3 936	9.1	5.4	4.8	4.3	3.9
America	13 570	31.5	28.1	26.0	24.4	23.3
Asia	11 163	25.9	...	...	...	...
Oceania	884	2.1	122.0	108.8	97.7	90.0
Europe						
Special Groupings						
Near East*	498	1.2	1.5	1.4	1.2	1.1
Near East & North Africa	543	1.3	1.4	1.2	1.1	1.1
Sub-Saharan Africa**	3 844	8.9	7.0	6.1	5.4	4.8
East-SouthEastAsia***	6 285	14.6	9.3	8.8	8.3	8.0
Lat.America&Caribbean	13 570	31.5	28.1	26.0	24.4	23.3

* In Africa and Asia ** Excluding South Africa *** Excluding China

* Volume of internal renewable freshwater resources divided by total population - 2009 estimated

Source: FAO - Aquastat database

4.4 Freshwater utilization by purpose 1998-2007

Freshwater utilization by purpose									
World/Continent	Total volume of freshwater utilization		Domestic use		Industrial use		Agricultural use		Utilization as % of total freshwater resources ¹
	1998-2007		1998-2007		1998-2007		1998-2007		
	km ³ /year	world%	km ³ /year	world%	km ³ /year	world%	km ³ /year	world%	
Continental groupings									
WORLD	3 862	100.0	429	100.0	723	100.0	2 709	100.0	9.0
Africa	215	5.6	21	5.0	9	1.2	184	6.8	5.5
Eastern	41	1.1	3	0.8	1	0.1	37	1.4	4.9
Middle	2	0.1	1	0.2	0	0.0	1	0.0	0.1
Northern	131	3.4	10	2.3	6	0.8	116	4.3	170.8
Southern	14	0.4	4	1.0	1	0.1	9	0.3	23.0
Western	26	0.7	4	0.8	1	0.2	21	0.8	2.4
Asia	2 456	63.6	217	50.5	227	31.5	2 012	74.3	21.2
Central	140	3.6	5	1.1	8	1.1	127	4.7	67.2
Eastern	677	17.5	93	21.8	150	20.7	434	16.0	19.9
South-Eastern	340	8.8	23	5.3	30	4.2	287	10.6	6.0
Southern	1 120	29.0	76	17.8	21	2.9	1 023	37.8	58.0
Western	178	4.6	19	4.5	19	2.6	141	5.2	50.1
America	791	20.5	126	29.3	280	38.7	385	14.2	4.1
Caribbean	14	0.4	4	0.9	1	0.2	9	0.3	15.5
Central	87	2.3	16	3.6	6	0.8	66	2.4	8.0
Northern	524	13.6	74	17.3	252	34.9	198	7.3	9.3
Southern	165	4.3	32	7.4	21	2.9	112	4.1	1.3
Europe	374	9.7	61	14.1	204	28.2	109	4.0	5.7
Eastern	151	3.9	25	5.8	88	12.2	38	1.4	3.3
Northern	20	0.5	5	1.2	14	1.9	1	0.1	1.9
Southern	102	2.6	16	3.7	25	3.5	61	2.3	18.3
Western	101	2.6	15	3.5	77	10.7	8	0.3	24.8
Oceania	26	0.7	5	1.1	3	0.4	19	0.7	1.5
Australia and New Zealand	26	0.7	5	1.1	3	0.4	19	0.7	3.2
Melanesia	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Micronesia	...	...	...	...	...	...	...	...	...
Polynesia	...	...	...	...	...	...	...	...	...
Developed countries	1 013	26.2	157	36.6	475	65.7	381	14.1	7.5
Africa							...		
America	524	13.6	74	17.3	252	34.9	198	7.3	9.3
Asia	88	2.3	17	4.1	16	2.2	55	2.0	20.6
Europe	374	9.7	61	14.1	204	28.2	109	4.0	5.7
Oceania	26	0.7	5	1.1	3	0.4	19	0.7	3.2
Developing countries	2 849	73.8	272	63.4	248	34.3	2 329	85.9	9.6
Africa	215	5.6	21	5.0	9	1.2	184	6.8	5.5
America	266	6.9	51	12.0	27	3.8	187	6.9	2.0
Asia	2 368	61.3	199	46.4	212	29.3	1 957	72.2	21.2
Oceania	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Europe							...		
Special Groupings									
Near East*	386	10.0	30	7.1	21	2.9	335	12.4	77.5
Near East & North Africa	408	10.6	33	7.7	22	3.1	352	13.0	75.1
Sub-Saharan Africa**	108	2.8	9	2.0	3	0.4	97	3.6	2.8
East-SouthEastAsia***	463	12.0	49	11.4	52	7.1	363	13.4	7.4
Lat.America&Caribbean	266	6.9	51	12.0	27	3.8	187	6.9	2.0

* In Africa and Asia ** Excluding South Africa *** Excluding China

¹ Freshwater utilization as percent of renewable fresh water resources given in Table 4.3.

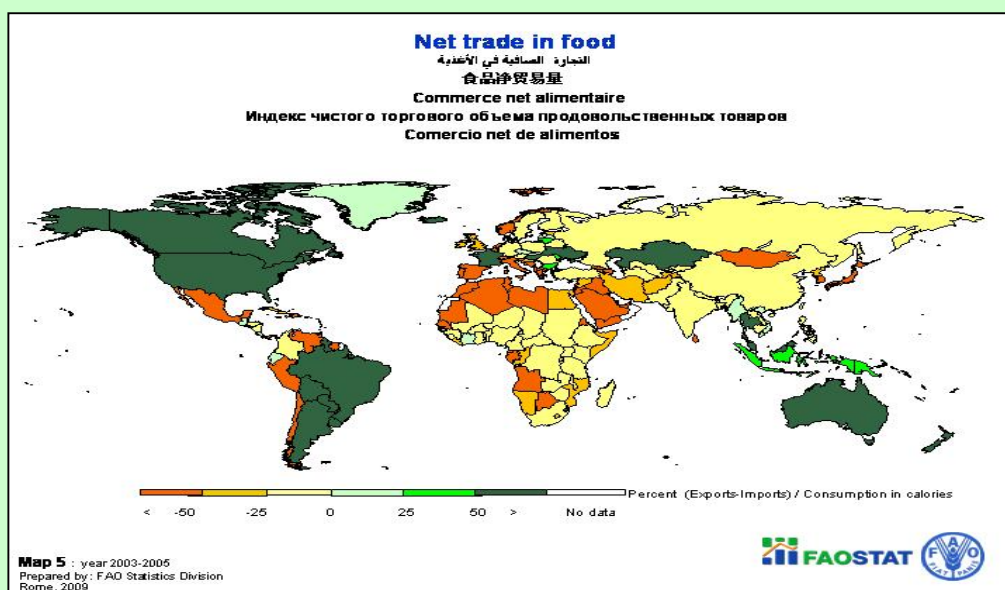
² Data shown in this table refer to the most recent information available between 1998 and 2007.

4.5 Irrigated Land and Percentage of Arable Land that is Irrigated

World/Continent	Irrigated Land				As % of arable land			
	Area (1000 ha)							
	1995	2000	2005	2008	1995	2000	2005	2008
Continental groupings								
WORLD	267 355	286 049	301 180	306 247	19.2	20.7	21.6	22.2
Africa	12 456	13 155	13 466	13 611	6.5	6.7	6.3	6.1
Eastern	2 209	2 398	2 463	2 466	4.7	5.1	4.6	4.5
Middle	152	160	167	167	0.7	0.7	0.7	0.7
Northern	7 876	8 029	8 199	8 335	19.6	20.0	19.3	19.1
Southern	1 415	1 559	1 560	1 561	8.5	9.5	9.6	9.7
Western	804	1 009	1 077	1 082	1.2	1.4	1.4	1.3
Asia	185 482	201 327	215 441	219 423	37.4	41.5	44.6	46.7
Central	11 324	11 348	11 322	11 321	28.4	38.1	36.6	36.7
Eastern	57 989	59 467	67 446	69 033	43.8	45.4	52.7	58.5
South-Eastern	16 282	18 900	22 009	22 472	26.7	29.6	33.7	33.8
Southern	86 158	96 999	99 174	101 176	39.4	44.5	45.9	47.1
Western	13 729	14 613	15 490	15 421	31.1	34.3	36.4	38.7
America	40 630	42 202	42 903	44 138	11.0	11.6	11.7	12.1
Caribbean	1 287	1 312	1 314	1 314	22.5	23.6	23.0	23.1
Central	6 638	6 790	6 841	6 841	21.4	21.9	22.0	22.4
Northern	22 520	23 327	23 230	23 855	9.9	10.5	10.7	11.1
Southern	10 185	10 773	11 518	12 128	9.8	10.2	10.3	10.7
Europe	26 091	26 682	26 277	25 892	8.9	9.3	9.4	9.3
Eastern	12 840	11 699	10 896	10 604	6.2	5.8	5.6	5.4
Northern	1 050	1 052	1 053	993	5.3	5.3	5.6	5.3
Southern	8 732	10 161	10 591	10 515	25.4	31.0	34.6	35.8
Western	3 469	3 770	3 738	3 780	10.3	11.1	10.9	11.1
Oceania	2 695	2 682	3 092	3 183	6.4	5.4	6.1	7.1
Australia and New Zealand	2 685	2 669	3 078	3 169	6.4	5.5	6.2	7.1
Melanesia	9	12	13	13	2.2	2.9	2.9	2.7
Micronesia	...	0	0	0	...	1.1	3.8	3.2
Polynesia	1	1	1	1	2.0	2.0	2.0	2.0
Developed countries	54 041	55 319	55 141	55 432	9.5	9.8	10.0	10.2
Africa								
America	22 520	23 327	23 230	23 855	9.9	10.5	10.7	11.1
Asia	2 745	2 641	2 556	2 516	59.3	59.0	58.6	58.4
Europe	26 091	26 682	26 277	25 892	8.9	9.3	9.4	9.3
Oceania	2 685	2 669	3 078	3 169	6.4	5.5	6.2	7.1
Developing countries	213 313	230 729	246 038	250 815	25.9	28.1	29.2	29.9
Africa	12 456	13 155	13 466	13 611	6.5	6.7	6.3	6.1
America	18 110	18 875	19 673	20 283	12.8	13.2	13.2	13.5
Asia	182 737	198 686	212 885	216 907	37.2	41.3	44.5	46.5
Oceania	10	13	14	14	2.1	2.8	2.8	2.6
Europe								
Special Groupings								
Near East*	27 497	28 934	30 660	31 114	31.7	35.0	34.9	35.8
Near East & North Africa	29 674	31 339	33 104	33 586	28.0	30.8	31.2	31.9
Sub-Saharan Africa**	5 171	5 491	5 632	5 641	3.4	3.5	3.2	3.0
East-SouthEastAsia***	21 478	23 965	26 976	27 364	30.2	32.5	36.0	36.0
Lat.America&Caribbean	18 110	18 875	19 673	20 283	12.8	13.2	13.2	13.5

* In Africa and Asia ** Excluding South Africa *** Excluding China

AGRICULTURAL PRODUCTION AND TRADE



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5.1 Total Agricultural Production and Average annual rate of growth

	Production								Average annual rate of growth		
World/Region	million int.\$ (1999-2001 constant price)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	1 167 758	1 329 745	1 501 698	1 619 885	100.0	100.0	100.0	100.0	2.6	2.5	2.6
Africa	86 704	103 763	122 398	132 801	7.4	7.8	8.2	8.2	3.7	3.4	2.8
Eastern	21 751	25 206	29 432	31 447	1.9	1.9	2.0	1.9	3.0	3.1	2.2
Middle	7 239	7 782	8 801	8 971	0.6	0.6	0.6	0.6	1.5	2.5	0.6
Northern	21 797	26 732	32 130	35 065	1.9	2.0	2.1	2.2	4.2	3.7	3.0
Southern	6 749	8 751	9 334	10 034	0.6	0.7	0.6	0.6	5.3	1.3	2.4
Western	29 167	35 292	42 702	47 285	2.5	2.7	2.8	2.9	3.9	3.9	3.5
Asia	543 237	637 453	745 295	816 342	46.5	47.9	49.6	50.4	3.3	3.2	3.1
Central	12 835	12 758	15 776	17 037	1.1	1.0	1.1	1.1	-0.1	4.3	2.6
Eastern	251 411	307 779	365 107	396 135	21.5	23.1	24.3	24.5	4.1	3.5	2.8
South-Eastern	73 094	82 413	101 823	114 703	6.3	6.2	6.8	7.1	2.4	4.3	4.1
Southern	171 730	195 359	219 932	245 660	14.7	14.7	14.6	15.2	2.6	2.4	3.8
Western	34 167	39 144	42 657	42 807	2.9	2.9	2.8	2.6	2.8	1.7	0.1
America	279 356	320 717	360 706	391 010	23.9	24.1	24.0	24.1	2.8	2.4	2.7
Caribbean	4 513	5 276	4 902	5 098	0.4	0.4	0.3	0.3	3.2	-1.5	1.3
Central	24 387	27 071	30 581	33 010	2.1	2.0	2.0	2.0	2.1	2.5	2.6
Northern	149 434	169 607	178 383	187 073	12.8	12.8	11.9	11.5	2.6	1.0	1.6
Southern	101 022	118 763	146 840	165 828	8.7	8.9	9.8	10.2	3.3	4.3	4.1
Europe	234 494	239 198	243 554	251 446	20.1	18.0	16.2	15.5	0.4	0.4	1.1
Eastern	76 957	70 981	80 741	87 728	6.6	5.3	5.4	5.4	-1.6	2.6	2.8
Northern	28 808	28 472	28 124	28 801	2.5	2.1	1.9	1.8	-0.2	-0.2	0.8
Southern	54 385	61 582	59 484	58 888	4.7	4.6	4.0	3.6	2.5	-0.7	-0.3
Western	74 344	78 163	75 205	76 029	6.4	5.9	5.0	4.7	1.0	-0.8	0.4
Oceania	23 967	28 614	29 745	28 286	2.1	2.2	2.0	1.7	3.6	0.8	-1.7
Australia and New Zealand	22 377	26 806	27 811	26 230	1.9	2.0	1.9	1.6	3.7	0.7	-1.9
Melanesia	1 494	1 708	1 825	1 945	0.1	0.1	0.1	0.1	2.7	1.3	2.1
Micronesia	29	28	34	35	0.0	0.0	0.0	0.0	-0.4	3.7	1.0
Polynesia	67	71	76	77	0.0	0.0	0.0	0.0	1.1	1.3	0.6
Developed countries	420 981	449 510	463 312	478 206	36.1	33.8	30.9	29.5	1.3	0.6	1.1
Africa											
America	149 434	169 607	178 383	187 073	12.8	12.8	11.9	11.5	2.6	1.0	1.6
Asia	14 677	13 899	13 564	13 457	1.3	1.0	0.9	0.8	-1.1	-0.5	-0.3
Europe	234 494	239 198	243 554	251 446	20.1	18.0	16.2	15.5	0.4	0.4	1.1
Oceania	22 377	26 806	27 811	26 230	1.9	2.0	1.9	1.6	3.7	0.7	-1.9
Developing countries	746 777	880 235	1 038 387	1 141 679	63.9	66.2	69.1	70.5	3.3	3.4	3.2
Africa	86 704	103 763	122 398	132 801	7.4	7.8	8.2	8.2	3.7	3.4	2.8
America	129 922	151 111	182 323	203 936	11.1	11.4	12.1	12.6	3.1	3.8	3.8
Asia	528 560	623 553	731 731	802 885	45.3	46.9	48.7	49.6	3.4	3.3	3.1
Oceania	1 590	1 807	1 934	2 057	0.1	0.1	0.1	0.1	2.6	1.4	2.1
Europe											
Special Groupings											
Near East*	59 863	69 292	79 039	79 620	5.1	5.2	5.3	4.9	3.0	2.7	0.2
Near East & North Africa	66 698	77 642	90 204	91 408	5.7	5.8	6.0	5.6	3.1	3.0	0.4
Sub-Saharan Africa**	63 200	74 061	87 745	94 490	5.4	5.6	5.8	5.8	3.2	3.4	2.5
East-SouthEastAsia***	97 212	107 243	126 063	139 348	8.3	8.1	8.4	8.6	2.0	3.3	3.4
Lat.America&Caribbean	129 922	151 111	182 323	203 936	11.1	11.4	12.1	12.6	3.1	3.8	3.8

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Production aggregates are calculated using constant 1999-2001 international prices.

5.2 Per Caput Agricultural Production and Average annual rate of growth

	Production				Average annual rate of growth		
World/Region	int.\$ (1999-2001 constant price)				(%)		
	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production						
WORLD	204	217	231	240	1.2	1.2	1.3
Africa	119	127	133	135	1.2	1.0	0.4
Eastern	99	100	102	101	0.2	0.5	-0.4
Middle	84	79	78	73	-1.1	-0.4	-2.0
Northern	133	149	164	170	2.3	2.0	1.2
Southern	143	170	170	176	3.6	-0.1	1.3
Western	140	148	158	162	1.2	1.3	0.9
Asia	158	172	189	200	1.8	1.9	1.9
Central	240	230	271	284	-0.8	3.3	1.5
Eastern	178	209	240	256	3.3	2.8	2.2
South-Eastern	152	159	184	199	0.9	2.9	2.7
Southern	129	134	138	147	0.7	0.7	2.2
Western	200	206	202	191	0.5	-0.4	-1.9
America	357	382	405	424	1.4	1.2	1.6
Caribbean	123	136	121	122	2.1	-2.4	0.4
Central	197	200	212	221	0.4	1.1	1.4
Northern	498	532	532	542	1.3	-0.0	0.6
Southern	314	342	395	431	1.7	2.9	2.9
Europe	322	329	334	344	0.4	0.3	1.0
Eastern	248	233	272	299	-1.2	3.1	3.2
Northern	309	302	292	294	-0.5	-0.7	0.3
Southern	378	424	397	387	2.3	-1.3	-0.9
Western	412	427	404	405	0.7	-1.1	0.1
Oceania	825	918	886	810	2.2	-0.7	-3.0
Australia and New Zealand	1 026	1 164	1 135	1 037	2.5	-0.5	-3.0
Melanesia	241	244	232	231	0.2	-1.0	-0.1
Micronesia	62	57	63	62	-1.7	2.1	-0.3
Polynesia	116	115	117	116	-0.1	0.4	-0.3
Developed countries	358	376	381	389	1.0	0.2	0.7
Africa							
America	498	532	532	542	1.3	-0.0	0.6
Asia	117	110	106	106	-1.3	-0.6	-0.2
Europe	322	329	334	344	0.4	0.3	1.0
Oceania	1 026	1 164	1 135	1 037	2.5	-0.5	-3.0
Developing countries	165	179	196	207	1.7	1.9	1.8
Africa	119	127	133	135	1.2	1.0	0.4
America	269	290	328	354	1.5	2.5	2.6
Asia	159	175	192	203	1.9	1.9	1.9
Oceania	219	222	214	213	0.3	-0.8	-0.0
Europe							
Special Groupings							
Near East*	182	189	195	185	0.8	0.6	-1.7
Near East & North Africa	170	178	188	180	1.0	1.1	-1.4
Sub-Saharan Africa**	114	118	122	122	0.5	0.8	-0.1
East-SouthEastAsia***	144	150	167	179	0.8	2.2	2.4
Lat.America&Caribbean	269	290	328	354	1.5	2.5	2.6

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Production aggregates are calculated using constant 1999-2001 international prices.

5.3 Food Production and Average annual rate of growth

	Production								Average annual rate of growth		
World/Region	million int. \$ (1999-2001 constant price)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	1 108 446	1 269 476	1 430 016	1 549 652	100.0	100.0	100.0	100.0	2.8	2.4	2.7
Africa	81 957	98 448	116 765	127 684	7.4	7.8	8.2	8.2	3.7	3.5	3.0
Eastern	19 735	23 037	27 098	28 734	1.8	1.8	1.9	1.9	3.1	3.3	2.0
Middle	6 778	7 333	8 374	8 691	0.6	0.6	0.6	0.6	1.6	2.7	1.2
Northern	21 064	26 058	31 401	34 503	1.9	2.1	2.2	2.2	4.3	3.8	3.2
Southern	6 533	8 536	9 155	9 886	0.6	0.7	0.6	0.6	5.5	1.4	2.6
Western	27 846	33 485	40 737	45 871	2.5	2.6	2.8	3.0	3.8	4.0	4.0
Asia	507 448	601 754	701 540	768 772	45.8	47.4	49.1	49.6	3.5	3.1	3.1
Central	9 742	10 311	12 612	14 093	0.9	0.8	0.9	0.9	1.1	4.1	3.8
Eastern	236 932	293 426	347 681	375 525	21.4	23.1	24.3	24.2	4.4	3.5	2.6
South-Eastern	68 520	77 021	95 202	107 172	6.2	6.1	6.7	6.9	2.4	4.3	4.0
Southern	160 733	184 684	206 216	231 364	14.5	14.5	14.4	14.9	2.8	2.2	3.9
Western	31 522	36 312	39 829	40 617	2.8	2.9	2.8	2.6	2.9	1.9	0.7
America	265 430	306 625	343 052	376 550	23.9	24.2	24.0	24.3	2.9	2.3	3.2
Caribbean	4 335	5 092	4 747	4 950	0.4	0.4	0.3	0.3	3.3	-1.4	1.4
Central	23 076	25 782	29 363	31 865	2.1	2.0	2.1	2.1	2.2	2.6	2.8
Northern	142 145	162 827	169 683	181 931	12.8	12.8	11.9	11.7	2.8	0.8	2.4
Southern	95 874	112 925	139 259	157 805	8.6	8.9	9.7	10.2	3.3	4.3	4.3
Europe	231 988	236 796	241 195	249 694	20.9	18.7	16.9	16.1	0.4	0.4	1.2
Eastern	76 324	70 556	80 287	87 297	6.9	5.6	5.6	5.6	-1.6	2.6	2.8
Northern	28 627	28 302	27 951	28 648	2.6	2.2	2.0	1.8	-0.2	-0.2	0.8
Southern	52 895	59 997	57 969	57 898	4.8	4.7	4.1	3.7	2.6	-0.7	-0.0
Western	74 142	77 941	74 988	75 851	6.7	6.1	5.2	4.9	1.0	-0.8	0.4
Oceania	21 623	25 853	27 465	26 951	2.0	2.0	1.9	1.7	3.6	1.2	-0.6
Australia and New Zealand	20 091	24 127	25 606	24 969	1.8	1.9	1.8	1.6	3.7	1.2	-0.8
Melanesia	1 437	1 627	1 749	1 870	0.1	0.1	0.1	0.1	2.5	1.5	2.3
Micronesia	29	28	34	35	0.0	0.0	0.0	0.0	-0.4	3.7	1.0
Polynesia	67	71	75	77	0.0	0.0	0.0	0.0	1.2	1.4	0.6
Developed countries	408 663	437 442	449 852	469 876	36.9	34.5	31.5	30.3	1.4	0.6	1.5
Africa											
America	142 145	162 827	169 683	181 931	12.8	12.8	11.9	11.7	2.8	0.8	2.4
Asia	14 438	13 692	13 368	13 281	1.3	1.1	0.9	0.9	-1.1	-0.5	-0.2
Europe	231 988	236 796	241 195	249 694	20.9	18.7	16.9	16.1	0.4	0.4	1.2
Oceania	20 091	24 127	25 606	24 969	1.8	1.9	1.8	1.6	3.7	1.2	-0.8
Developing countries	699 782	832 034	980 164	1 079 776	63.1	65.5	68.5	69.7	3.5	3.3	3.3
Africa	81 957	98 448	116 765	127 684	7.4	7.8	8.2	8.2	3.7	3.5	3.0
America	123 284	143 798	173 369	194 619	11.1	11.3	12.1	12.6	3.1	3.8	3.9
Asia	493 009	588 062	688 172	755 490	44.5	46.3	48.1	48.8	3.6	3.2	3.2
Oceania	1 532	1 726	1 859	1 982	0.1	0.1	0.1	0.1	2.4	1.5	2.2
Europe											
Special Groupings											
Near East*	56 417	65 568	75 371	76 691	5.1	5.2	5.3	4.9	3.1	2.8	0.6
Near East & North Africa	63 113	73 774	86 387	88 327	5.7	5.8	6.0	5.7	3.2	3.2	0.7
Sub-Saharan Africa**	59 193	69 467	82 766	89 934	5.3	5.5	5.8	5.8	3.3	3.6	2.8
East-SouthEastAsia***	92 062	101 347	119 014	131 403	8.3	8.0	8.3	8.5	1.9	3.3	3.4
Lat.America&Caribbean	123 284	143 798	173 369	194 619	11.1	11.3	12.1	12.6	3.1	3.8	3.9

* In Africa and Asia ** Excluding South Africa *** Excluding China

* Production aggregates are calculated using constant 1999-2001 international prices.

5.4 Per Caput Food Production and Average annual rate of growth

World/Region	Production				Average annual rate of growth		
	int.\$ (1999-2001 constant price)				(%)		
	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production						
WORLD	194	208	220	230	1.4	1.1	1.5
Africa	113	120	127	129	1.3	1.1	0.7
Eastern	90	91	94	93	0.3	0.7	-0.6
Middle	78	75	74	71	-0.9	-0.2	-1.4
Northern	128	145	161	168	2.5	2.1	1.4
Southern	138	166	166	174	3.7	0.0	1.4
Western	133	141	151	157	1.1	1.4	1.4
Asia	147	163	178	189	2.0	1.8	1.9
Central	182	186	217	235	0.4	3.1	2.7
Eastern	168	199	229	243	3.5	2.8	2.0
South-Eastern	143	149	172	186	0.8	2.9	2.7
Southern	121	126	129	139	0.9	0.5	2.3
Western	185	191	189	181	0.6	-0.2	-1.3
America	339	365	385	409	1.5	1.1	2.0
Caribbean	118	132	117	119	2.2	-2.3	0.5
Central	186	191	204	213	0.5	1.3	1.5
Northern	474	511	506	527	1.5	-0.2	1.4
Southern	298	325	375	410	1.7	2.9	3.0
Europe	319	326	331	341	0.4	0.3	1.1
Eastern	246	232	270	297	-1.2	3.1	3.2
Northern	307	300	290	293	-0.5	-0.7	0.3
Southern	368	413	387	380	2.4	-1.3	-0.6
Western	411	426	402	404	0.7	-1.1	0.1
Oceania	744	830	818	771	2.2	-0.3	-2.0
Australia and Zealand	921	1 047	1 045	987	2.6	-0.0	-1.9
Melanesia	232	232	222	222	0.0	-0.9	0.0
Micronesia	62	57	63	62	-1.7	2.1	-0.3
Polynesia	115	114	117	116	-0.1	0.4	-0.3
Developed countries	348	366	370	382	1.0	0.2	1.1
Africa							
America	474	511	506	527	1.5	-0.2	1.4
Asia	115	108	105	104	-1.3	-0.6	-0.2
Europe	319	326	331	341	0.4	0.3	1.1
Oceania	921	1 047	1 045	987	2.6	-0.0	-1.9
Developing countries	154	169	185	196	1.9	1.8	1.9
Africa	113	120	127	129	1.3	1.1	0.7
America	256	276	312	338	1.5	2.5	2.7
Asia	148	165	181	191	2.1	1.9	1.9
Oceania	211	212	205	206	0.1	-0.7	0.1
Europe							
Special Groupings							
Near East*	171	179	186	178	0.9	0.8	-1.4
Near East & North Africa	160	169	180	174	1.1	1.2	-1.2
Sub-Saharan Africa**	107	110	115	116	0.6	0.9	0.2
East-SouthEastAsia***	137	142	158	169	0.7	2.2	2.4
Lat.America&Caribbean	256	276	312	338	1.5	2.5	2.7

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Production aggregates are calculated using constant 1999-2001 international prices.

5.5 Total Agricultural Production per Agricultural worker

	Production				Average annual rate of growth		
World/Region	int. \$ (1999-2001 constant price)				(%)		
	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production						
WORLD	984	1 083	1 181	1 251	1.9	1.7	2.0
Africa	536	580	621	637	1.6	1.4	0.8
Eastern	278	283	292	290	0.3	0.6	-0.2
Middle	321	318	325	316	-0.2	0.5	-0.9
Northern	1 150	1 341	1 559	1 672	3.1	3.1	2.3
Southern	2 704	3 515	3 943	4 351	5.4	2.3	3.3
Western	738	825	924	973	2.2	2.3	1.7
Asia	578	657	745	804	2.6	2.5	2.6
Central	2 212	2 228	2 713	2 865	0.1	4.0	1.8
Eastern	504	611	722	784	3.9	3.4	2.8
South-Eastern	589	631	747	827	1.4	3.5	3.4
Southern	584	623	653	703	1.3	0.9	2.5
Western	1 970	2 397	2 668	2 732	4.0	2.2	0.8
America	5 936	6 819	7 809	8 657	2.8	2.7	3.5
Caribbean	1 228	1 419	1 314	1 361	2.9	-1.5	1.2
Central	1 957	2 164	2 456	2 713	2.0	2.6	3.4
Northern	39 160	47 966	55 937	62 006	4.1	3.1	3.5
Southern	3 727	4 355	5 475	6 320	3.2	4.7	4.9
Europe	6 733	8 197	9 722	10 986	4.0	3.5	4.2
Eastern	3 403	3 771	4 999	5 926	2.1	5.8	5.8
Northern	15 413	17 489	19 329	21 053	2.6	2.0	2.9
Southern	7 572	10 064	11 287	12 325	5.9	2.3	3.0
Western	23 482	29 936	34 577	39 231	5.0	2.9	4.3
Oceania	9 165	10 234	9 915	9 023	2.2	-0.6	-3.1
Australia and New Zealand	35 519	43 446	44 145	41 834	4.1	0.3	-1.8
Melanesia	813	838	819	821	0.6	-0.5	0.1
Micronesia	463	476	535	551	0.5	2.4	1.0
Polynesia	788	864	972	1 028	1.9	2.4	1.9
Developed countries	9 809	12 463	15 009	16 980	4.9	3.8	4.2
Africa							
America	39 160	47 966	55 937	62 006	4.1	3.1	3.5
Asia	4 031	5 084	6 792	8 251	4.8	6.0	6.7
Europe	6 733	8 197	9 722	10 986	4.0	3.5	4.2
Oceania	35 519	43 446	44 145	41 834	4.1	0.3	-1.8
Developing countries	653	739	837	901	2.5	2.5	2.5
Africa	536	580	621	637	1.6	1.4	0.8
America	3 004	3 474	4 240	4 838	2.9	4.1	4.5
Asia	564	645	733	792	2.7	2.6	2.6
Oceania	801	829	816	820	0.7	-0.3	0.2
Europe							
Special Groupings							
Near East*	1 612	1 842	2 025	2 002	2.7	1.9	-0.4
Near East & North Africa	1 530	1 744	1 957	1 950	2.6	2.3	-0.1
Sub-Saharan Africa**	430	452	482	489	1.0	1.3	0.4
East-SouthEastAsia***	724	771	879	961	1.3	2.7	3.0
Lat.America&Caribbean	3 004	3 474	4 240	4 838	2.9	4.1	4.5

5.6 Crop Production per ha of land in use

	Crop production (1999-2001 Int. \$)				Average annual rate of growth		
World/Region	per ha of land in use				(%)		
	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production						
WORLD	520	599	671	727	2.9	2.3	2.7
Africa	309	362	398	412	3.2	1.9	1.2
Eastern	300	346	362	376	2.9	0.9	1.2
Middle	234	250	279	279	1.3	2.3	-0.1
Northern	328	401	462	483	4.1	2.9	1.5
Southern	211	296	307	329	7.0	0.7	2.4
Western	351	398	438	449	2.5	1.9	0.8
Asia	741	871	997	1 107	3.3	2.8	3.5
Central	183	269	336	362	8.0	4.6	2.5
Eastern	1 328	1 597	1 885	2 179	3.8	3.4	5.0
South-Eastern	697	764	888	982	1.8	3.1	3.4
Southern	532	593	657	730	2.2	2.1	3.6
Western	547	634	682	681	3.0	1.5	-0.0
America	428	503	560	608	3.3	2.2	2.8
Caribbean	432	540	517	488	4.6	-0.9	-1.9
Central	417	465	503	561	2.2	1.6	3.7
Northern	386	465	498	513	3.8	1.4	1.0
Southern	515	585	692	796	2.6	3.4	4.8
Europe	435	470	507	536	1.6	1.5	1.9
Eastern	244	230	284	323	-1.2	4.3	4.4
Northern	520	570	587	602	1.9	0.6	0.9
Southern	847	1 027	1 063	1 082	3.9	0.7	0.6
Western	1 008	1 132	1 082	1 099	2.4	-0.9	0.5
Oceania	205	228	238	232	2.2	0.9	-0.9
Australia and New Zealand	187	211	221	212	2.4	0.9	-1.4
Melanesia	759	861	856	846	2.5	-0.1	-0.4
Micronesia	303	304	366	389	0.1	3.8	2.0
Polynesia	405	438	460	462	1.6	1.0	0.2
Developed countries	408	456	487	510	2.2	1.3	1.5
Africa							
America	386	465	498	513	3.8	1.4	1.0
Asia	1 656	1 591	1 574	1 543	-0.8	-0.2	-0.7
Europe	435	470	507	536	1.6	1.5	1.9
Oceania	187	211	221	212	2.4	0.9	-1.4
Developing countries	592	690	781	856	3.1	2.5	3.1
Africa	309	362	398	412	3.2	1.9	1.2
America	490	557	645	734	2.6	3.0	4.4
Asia	733	864	992	1 103	3.4	2.8	3.6
Oceania	700	794	796	791	2.5	0.0	-0.2
Europe							
Special Groupings							
Near East*	485	574	612	591	3.5	1.3	-1.2
Near East & North Africa	426	504	562	545	3.4	2.2	-1.0
Sub-Saharan Africa**	295	335	361	370	2.6	1.5	0.8
East-SouthEastAsia***	775	833	943	1 027	1.5	2.5	2.9
Lat.America&Caribbean	490	557	645	734	2.6	3.0	4.4

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Production aggregates are calculated using constant 1999-2001 international prices.

Land in use refers to arable land and land under permanent crops. For 2008 value is estimated using land use values of 2007.

5.7 Value of Total Merchandise Exports and Food Exports
Share of Food Exports in Total Merchandise Exports

World/Region	Exports											
	US \$ Billion				US \$ Billion				Share in total Trade			
	1995	2000	2005	2007	1995	2000	2005	2007	1995	2000	2005	2007
	Total Merchandise				Food Trade				(%)			
WORLD	5 114	6 405	10 371	13 999	298	277	454	620	5.8	4.3	4.4	4.4
Africa	108	155	308	435	8	8	14	16	7.6	5.1	4.4	3.6
Eastern	10	10	17	24	1	1	2	3	14.3	13.8	12.0	10.9
Middle	10	18	49	77	0	0	0	1	3.4	1.5	1.0	0.8
Northern	33	56	117	165	2	2	3	4	5.4	3.0	2.8	2.5
Southern	33	35	61	81	2	2	3	3	6.5	5.6	5.0	3.9
Western	21	36	65	87	2	3	5	5	11.6	7.2	7.3	6.1
Asia	1 564	2 096	3 591	4 910	45	41	70	100	2.9	2.0	1.9	2.0
Central	12	16	40	66	1	1	1	2	5.8	4.7	2.5	3.7
Eastern	1 007	1 258	2 136	2 907	14	13	19	26	1.4	1.1	0.9	0.9
South-Eastern	321	428	652	864	18	16	28	43	5.8	3.8	4.3	5.0
Southern	67	94	196	276	5	5	9	13	7.4	5.1	4.5	4.8
Western	157	299	567	798	7	6	13	15	4.2	1.9	2.3	1.9
America	973	1 337	1 732	2 351	81	84	125	184	8.3	6.3	7.2	7.8
Caribbean	11	14	22	31	2	1	1	1	15.0	9.4	4.5	3.8
Central	58	102	137	297	7	8	12	16	11.3	8.0	9.0	5.5
Northern	776	1 059	1 264	1 583	52	52	66	95	6.7	4.9	5.2	6.0
Southern	128	163	309	439	21	22	47	71	16.2	13.7	15.0	16.2
Europe	2 402	2 743	4 616	6 126	151	128	221	292	6.3	4.7	4.8	4.8
Eastern	180	253	602	923	10	8	23	36	5.6	3.2	3.9	3.9
Northern	502	620	909	1 101	26	22	33	41	5.2	3.5	3.6	3.8
Southern	379	412	652	885	25	25	44	56	6.7	6.2	6.8	6.3
Western	1 341	1 458	2 453	3 217	89	73	121	159	6.7	5.0	4.9	4.9
Oceania	68	73	124	177	13	16	24	29	19.6	22.0	19.2	16.2
Australia and New Zealand	63	68	118	168	13	16	23	28	20.2	22.7	19.7	16.7
Melanesia	4	3	5	8	0	0	0	1	12.4	11.9	9.6	8.3
Micronesia	0	0	0	0	0	0	0	0	3.9	0.9	2.8	1.7
Polynesia	0	1	1	1	0	0	0	0	4.2	1.4	5.9	3.5
Developed countries	3 686	4 350	6 596	8 592	216	197	311	417	5.9	4.5	4.7	4.9
Africa												
America	776	1 059	1 264	1 583	52	52	66	95	6.7	4.9	5.2	6.0
Asia	444	479	597	714	1	1	1	1	0.2	0.2	0.2	0.2
Europe	2 402	2 743	4 616	6 126	151	128	221	292	6.3	4.7	4.8	4.8
Oceania	63	68	118	168	13	16	23	28	20.2	22.7	19.7	16.7
Developing countries	1 429	2 055	3 775	5 407	81	80	143	203	5.7	3.9	3.8	3.8
Africa	108	155	308	435	8	8	14	16	7.6	5.1	4.4	3.6
America	197	279	468	768	29	32	60	89	14.7	11.4	12.8	11.5
Asia	1 119	1 617	2 994	4 196	44	40	69	98	3.9	2.5	2.3	2.3
Oceania	5	4	6	9	1	0	1	1	11.3	9.7	9.0	7.8
Europe												
Special Groupings												
Near East*	170	315	627	900	7	7	15	16	4.2	2.1	2.4	1.7
Near East & North Africa	189	350	695	990	8	8	17	18	4.4	2.2	2.4	1.8
Sub-Saharan Africa**	47	71	144	209	5	5	8	9	10.9	7.1	5.5	4.5
East-SouthEastAsia***	891	1 081	1 537	1 953	20	18	31	46	2.3	1.7	2.0	2.3
Lat.America&Caribbean	197	279	468	768	29	32	60	89	14.7	11.4	12.8	11.5

* In Africa and Asia ** Excluding South Africa *** Excluding China **** Food excluding Fish

5.7b Value of Total Merchandise Imports and Food Imports ****
Share of Food Imports in Total Merchandise Imports

World/Region	Imports											
	US \$ Billion				US \$ Billion				Share in total Trade			
	1995	2000	2005	2007	1995	2000	2005	2007	1995	2000	2005	2007
	Total Merchandise				Food Trade				(%)			
WORLD	5 146	6 540	10 600	14 197	311	294	469	638	6.0	4.5	4.4	4.5
Africa	118	130	260	369	17	16	26	37	14.5	12.4	9.9	9.9
Eastern	16	17	31	45	2	2	4	5	12.5	13.4	11.3	11.0
Middle	5	7	20	30	1	1	2	3	20.1	14.6	11.0	9.4
Northern	46	52	93	132	9	8	11	17	19.6	15.6	12.2	12.7
Southern	32	35	71	101	2	2	2	4	6.3	4.7	3.2	3.9
Western	19	19	45	61	3	3	6	8	16.6	16.1	14.4	13.4
Asia	1 504	1 800	3 208	4 305	90	84	122	167	6.0	4.7	3.8	3.9
Central	9	11	27	46	1	1	2	3	15.4	8.8	6.5	6.1
Eastern	904	1 124	1 929	2 535	50	45	64	81	5.6	4.0	3.3	3.2
South-Eastern	353	364	585	776	13	12	18	28	3.8	3.3	3.1	3.5
Southern	74	96	243	329	8	8	12	17	11.0	8.5	4.7	5.1
Western	163	205	424	619	17	18	26	39	10.1	8.6	6.2	6.3
America	1 153	1 815	2 432	3 163	45	57	79	105	3.9	3.1	3.2	3.3
Caribbean	19	30	41	54	3	3	4	5	14.4	9.5	10.7	10.1
Central	62	138	185	347	6	10	15	20	8.9	7.2	7.9	5.8
Northern	936	1 499	1 988	2 411	26	35	50	61	2.8	2.3	2.5	2.5
Southern	136	149	218	350	11	9	10	18	7.7	6.2	4.6	5.1
Europe	2 296	2 712	4 552	6 152	156	133	237	322	6.8	4.9	5.2	5.2
Eastern	164	214	529	883	15	11	26	43	9.0	5.1	5.0	4.8
Northern	486	599	925	1 182	26	28	50	66	5.4	4.7	5.4	5.6
Southern	400	500	856	1 152	31	28	50	65	7.9	5.5	5.8	5.6
Western	1 246	1 399	2 242	2 935	84	66	111	149	6.7	4.7	5.0	5.1
Oceania	75	83	148	208	3	3	6	8	4.0	4.0	4.2	3.9
Australia and New Zealand	69	77	139	196	2	3	5	7	3.2	3.5	3.7	3.5
Melanesia	3	3	5	8	0	0	1	1	13.0	12.0	11.4	9.4
Micronesia	1	1	1	1	0	0	0	0	9.6	7.9	7.5	9.5
Polynesia	2	2	3	3	0	0	0	0	14.8	11.1	13.2	13.7
Developed countries	3 638	4 669	7 197	9 382	212	196	322	421	5.8	4.2	4.5	4.5
Africa												
America	936	1 499	1 988	2 411	26	35	50	61	2.8	2.3	2.5	2.5
Asia	337	380	518	622	27	25	30	32	8.1	6.5	5.7	5.1
Europe	2 296	2 712	4 552	6 152	156	133	237	322	6.8	4.9	5.2	5.2
Oceania	69	77	139	196	2	3	5	7	3.2	3.5	3.7	3.5
Developing countries	1 507	1 871	3 403	4 815	99	98	148	217	6.6	5.3	4.3	4.5
Africa	118	130	260	369	17	16	26	37	14.5	12.4	9.9	9.9
America	217	316	444	752	19	22	29	44	8.7	7.0	6.5	5.8
Asia	1 166	1 420	2 690	3 683	62	60	92	135	5.3	4.2	3.4	3.7
Oceania	6	5	9	12	1	1	1	1	13.2	11.3	11.6	10.5
Europe												
Special Groupings												
Near East*	165	206	450	647	22	22	32	46	13.1	10.9	7.1	7.2
Near East & North Africa	192	235	504	726	27	26	38	56	13.8	11.3	7.5	7.7
Sub-Saharan Africa**	47	49	112	157	7	7	14	18	15.1	15.0	12.1	11.4
East-SouthEastAsia***	828	907	1 368	1 760	46	42	56	70	5.6	4.7	4.1	4.0
Lat.America&Caribbean	217	316	444	752	19	22	29	44	8.7	7.0	6.5	5.8

* In Africa and Asia ** Excluding South Africa *** Excluding China

**** Food excluding Fish

5.8 Average Annual Rate of Growth of Total Merchandise and Food Trade ****

World/Region	Imports						Exports					
	1995-2000	2000-2005	2005-2007	1995-2000	2000-2005	2005-2007	1995-2000	2000-2005	2005-2007	1995-2000	2000-2005	2005-2007
	...(percentage)...						...(percentage)...					
	Total Merchandise			Food trade			Total Merchandise			Food trade		
WORLD	4.9	10.1	15.7	-1.1	9.8	16.6	4.6	10.1	16.2	-1.5	10.4	16.9
Africa	1.8	14.9	19.0	-1.3	9.9	19.1	7.5	14.7	18.8	-0.8	11.5	8.4
Eastern	1.1	13.3	19.3	2.5	9.3	18.1	-0.5	11.7	19.7	-1.2	8.6	14.3
Middle	6.7	22.9	23.0	0.1	16.2	13.3	11.4	22.3	25.1	-5.0	11.8	15.2
Northern	2.7	12.1	19.3	-1.9	6.8	21.6	11.0	15.8	18.9	-1.5	14.3	11.9
Southern	1.4	15.5	18.8	-4.3	7.3	30.9	1.2	11.6	15.8	-1.8	9.3	2.2
Western	-0.5	19.0	16.7	-1.1	16.4	12.6	11.2	12.2	16.4	1.2	12.4	6.4
Asia	3.7	12.3	15.8	-1.2	7.6	17.2	6.0	11.4	16.9	-1.7	11.3	19.3
Central	3.3	20.1	29.6	-7.6	13.1	24.9	6.6	19.7	29.0	2.4	5.0	59.0
Eastern	4.4	11.4	14.6	-2.0	7.0	12.6	4.6	11.2	16.6	-1.0	7.6	16.9
South-Eastern	0.6	10.0	15.2	-1.9	8.3	23.1	6.0	8.8	15.1	-2.3	11.3	23.4
Southern	5.6	20.3	16.5	0.2	7.2	20.8	6.9	15.8	18.7	-0.8	12.9	22.8
Western	4.6	15.7	20.9	1.4	8.4	21.8	13.7	13.6	18.6	-2.7	17.5	7.4
America	9.5	6.0	14.1	5.1	6.6	15.4	6.6	5.3	16.5	0.6	8.4	21.1
Caribbean	9.6	6.7	15.1	1.0	9.2	11.6	5.0	8.6	20.0	-4.3	-6.3	10.0
Central	17.1	6.1	37.0	12.4	8.0	17.8	11.9	6.1	47.5	4.3	8.7	15.0
Northern	9.9	5.8	10.1	6.4	7.1	11.0	6.4	3.6	11.9	-0.1	4.8	20.6
Southern	1.9	7.9	26.8	-2.5	1.6	33.5	5.0	13.7	19.2	1.5	15.9	23.6
Europe	3.4	10.9	16.3	-3.1	12.3	16.4	2.7	11.0	15.2	-3.2	11.5	14.9
Eastern	5.5	19.8	29.2	-5.7	18.9	27.4	7.0	18.9	23.9	-4.2	23.2	24.2
Northern	4.3	9.1	13.1	1.4	12.2	14.7	4.3	8.0	10.1	-3.4	8.4	12.3
Southern	4.6	11.3	16.0	-2.6	12.6	13.7	1.7	9.6	16.5	0.2	11.6	12.6
Western	2.3	9.9	14.4	-4.5	10.8	15.7	1.7	11.0	14.5	-4.1	10.8	14.5
Oceania	2.0	12.3	18.6	2.4	12.9	14.9	1.3	11.3	19.3	3.7	8.3	9.7
Australia and New Zealand	2.2	12.5	18.6	4.1	13.5	15.5	1.5	11.6	19.2	4.0	8.4	9.7
Melanesia	-2.3	12.0	24.1	-3.9	10.8	13.1	-3.6	9.3	21.9	-4.4	4.6	13.6
Micronesia	1.8	2.8	-2.0	-2.3	1.8	10.8	5.4	-4.2	19.4	-20.9	19.6	-6.9
Polynesia	2.1	7.6	7.3	-3.6	11.3	9.2	9.1	-4.1	6.3	-12.7	28.4	-17.9
Developed countries	5.1	9.0	14.2	-1.5	10.4	14.5	3.4	8.7	14.1	-1.9	9.6	15.7
Africa												
America	9.9	5.8	10.1	6.4	7.1	11.0	6.4	3.6	11.9	-0.1	4.8	20.6
Asia	2.4	6.4	9.6	-2.0	3.6	3.7	1.5	4.5	9.4	1.6	4.7	8.5
Europe	3.4	10.9	16.3	-3.1	12.3	16.4	2.7	11.0	15.2	-3.2	11.5	14.9
Oceania	2.2	12.5	18.6	4.1	13.5	15.5	1.5	11.6	19.2	4.0	8.4	9.7
Developing countries	4.4	12.7	19.0	-0.1	8.5	21.1	7.5	12.9	19.7	-0.3	12.2	19.4
Africa	1.8	14.9	19.0	-1.3	9.9	19.1	7.5	14.7	18.8	-0.8	11.5	8.4
America	7.8	7.0	30.2	3.3	5.6	22.6	7.2	10.9	28.1	1.9	13.5	21.7
Asia	4.0	13.6	17.0	-0.8	9.1	21.3	7.6	13.1	18.4	-1.8	11.4	19.5
Oceania	-0.5	9.7	17.2	-3.7	10.4	11.7	-1.7	7.0	20.3	-4.7	5.6	11.7
Europe												
Special Groupings												
Near East*	4.5	17.0	19.9	0.7	7.4	20.4	13.1	14.8	19.8	-1.7	17.6	2.7
Near East & North Africa	4.1	16.5	19.9	-0.0	7.6	21.1	13.1	14.7	19.3	-1.9	17.3	3.8
Sub-Saharan Africa**	1.1	17.8	18.3	1.0	12.8	15.3	8.5	15.3	20.5	-0.5	9.6	8.9
East-SouthEastAsia***	1.8	8.6	13.4	-1.7	5.6	12.2	3.9	7.3	12.7	-2.1	10.8	22.0
Lat.America&Caribbean	7.8	7.0	30.2	3.3	5.6	22.6	7.2	10.9	28.1	1.9	13.5	21.7

* In Africa and Asia ** Excluding South Africa *** Excluding China

**** Food excluding Fish

5.9 Exports of Agricultural Food Commodities by Major Group

Main Groups	Value (billion US\$)				% of Total food exports			
	1995	2000	2005	2007	1995	2000	2005	2007
World								
Meat *	44.6	41.8	69.9	88.1	14.9	15.1	15.4	14.2
Eggs	1.0	1.0	1.5	2.2	0.3	0.4	0.3	0.4
Cereals	42.4	35.4	46.0	79.1	14.2	12.8	10.1	12.7
Fruit and Vegetables	70.2	67.5	112.9	150.9	23.5	24.3	24.8	24.3
Sugar & Honey and preparations	19.3	15.2	24.5	30.6	6.5	5.5	5.4	4.9
Coffee, Tea, Cocoa and Spices	32.6	28.6	43.9	57.5	10.9	10.3	9.6	9.3
Soybeans and Groundnuts	8.3	10.0	16.6	24.0	2.8	3.6	3.7	3.9
Other agricultural export	80.4	78.0	139.6	188.8	26.9	28.1	30.7	30.4
Total food exports	298.9	277.5	454.8	621.2	100.0	100.0	100.0	100.0
Developed countries								
Meat *	36.7	34.6	53.8	66.2	16.9	17.6	17.3	15.9
Eggs	0.8	0.8	1.2	1.8	0.4	0.4	0.4	0.4
Cereals	33.4	25.6	32.1	54.8	15.4	13.0	10.3	13.2
Fruit and Vegetables	43.9	40.9	68.2	89.1	20.3	20.8	21.9	21.4
Sugar & Honey and preparations	10.7	8.3	13.0	14.8	4.9	4.2	4.2	3.5
Coffee, Tea, Cocoa and Spices	13.2	12.1	21.7	28.8	6.1	6.1	7.0	6.9
Soybeans and Groundnuts	6.1	6.0	7.5	11.7	2.8	3.0	2.4	2.8
Other agricultural export	72.0	68.4	114.1	149.8	33.2	34.8	36.6	35.9
Total food exports	216.8	196.8	311.5	417.0	100.0	100.0	100.0	100.0
Developing countries								
Meat *	7.9	7.2	16.2	21.9	9.6	8.9	11.3	10.7
Eggs	0.2	0.2	0.3	0.4	0.2	0.2	0.2	0.2
Cereals	9.0	9.8	13.9	24.2	11.0	12.2	9.7	11.9
Fruit and Vegetables	26.3	26.5	44.6	61.7	32.0	32.9	31.2	30.2
Sugar & Honey and preparations	8.7	6.9	11.5	15.8	10.5	8.5	8.0	7.7
Coffee, Tea, Cocoa and Spices	19.4	16.5	22.1	28.7	23.6	20.4	15.5	14.0
Soybeans and Groundnuts	2.3	4.0	9.1	12.3	2.8	4.9	6.4	6.0
Other agricultural export	8.4	9.5	25.5	39.1	10.2	11.8	17.8	19.1
Total food exports	82.1	80.7	143.3	204.2	100.0	100.0	100.0	100.0

5.10 Quantities of Exports of Selected Agricultural Commodities

	Exports				Average Annual Rate of Growth		
	1995	2000	2005	2007	1995-2000	2000-2005	2005-2007
	..... (thousand tonnes) .....				..... (Percentage)		
World							
Wheat	101 656	117 190	120 474	132 832	2.9	0.6	2.0
Rice	22 494	23 546	29 492	33 081	0.9	4.6	2.3
Coarse Grains*	112 035	119 776	127 529	146 232	1.3	1.3	2.8
Coffee	4 240	5 499	5 424	6 151	5.3	-0.3	2.5
Meat **	19 228	24 360	31 233	34 842	4.8	5.1	2.2
Cocoa Beans	1 823	2 503	2 930	2 747	6.5	3.2	-1.3
Developed countries							
Wheat	89 901	97 621	104 811	111 650	1.7	1.4	1.3
Rice	4 936	4 883	5 544	4 893	-0.2	2.6	-2.5
Coarse Grains*	99 184	94 759	97 695	104 340	-0.9	0.6	1.3
Coffee	279	379	474	505	6.3	4.6	1.3
Meat **	15 608	19 252	21 312	23 693	4.3	2.1	2.1
Cocoa Beans	88	265	341	356	24.5	5.2	0.9
Developing countries							
Wheat	11 755	19 570	15 662	21 182	10.7	-4.4	6.2
Rice	17 558	18 663	23 949	28 188	1.2	5.1	3.3
Coarse Grains*	12 851	25 017	29 834	41 892	14.3	3.6	7.0
Coffee	3 961	5 120	4 950	5 645	5.3	-0.7	2.7
Meat **	3 620	5 109	9 920	11 149	7.1	14.2	2.4
Cocoa Beans	1 735	2 239	2 589	2 391	5.2	2.9	-1.6

* Coarse Grains data refer to all cereals except wheat and rice; ** Meat refers to Meat total

5.11 Cereals production and Related Growth Rates

	Production								Average annual rate of growth		
World/Region	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	1 897.7	2 060.2	2 267.8	2 520.7	100.0	100.0	100.0	100.0	1.7	1.9	3.6
Africa	97.9	111.7	141.5	152.1	5.2	5.4	6.2	6.0	2.7	4.8	2.4
Eastern	24.9	28.0	34.6	36.4	1.3	1.4	1.5	1.4	2.3	4.3	1.7
Middle	4.0	4.5	6.2	6.5	0.2	0.2	0.3	0.3	2.2	6.8	1.4
Northern	24.1	27.6	38.8	36.4	1.3	1.3	1.7	1.4	2.8	7.0	-2.1
Southern	7.9	14.9	14.5	15.6	0.4	0.7	0.6	0.6	13.7	-0.6	2.6
Western	37.0	36.6	47.4	57.2	1.9	1.8	2.1	2.3	-0.2	5.3	6.5
Asia	944.3	996.3	1 086.9	1 179.8	49.8	48.4	47.9	46.8	1.1	1.8	2.8
Central	15.0	19.3	25.8	27.5	0.8	0.9	1.1	1.1	5.2	6.0	2.1
Eastern	443.7	430.7	453.3	504.3	23.4	20.9	20.0	20.0	-0.6	1.0	3.6
South-Eastern	151.0	174.3	201.4	225.8	8.0	8.5	8.9	9.0	2.9	2.9	3.9
Southern	292.0	329.8	353.2	381.0	15.4	16.0	15.6	15.1	2.5	1.4	2.6
Western	42.6	42.1	53.1	41.2	2.2	2.0	2.3	1.6	-0.2	4.7	-8.2
America	451.2	532.0	570.6	648.1	23.8	25.8	25.2	25.7	3.4	1.4	4.3
Caribbean	1.5	1.9	1.8	1.9	0.1	0.1	0.1	0.1	4.8	-1.1	1.5
Central	30.9	32.0	33.2	40.7	1.6	1.6	1.5	1.6	0.7	0.8	7.1
Northern	326.9	393.7	417.4	459.6	17.2	19.1	18.4	18.2	3.8	1.2	3.3
Southern	91.8	104.5	118.2	145.9	4.8	5.1	5.2	5.8	2.6	2.5	7.3
Europe	376.2	384.9	428.0	504.3	19.8	18.7	18.9	20.0	0.5	2.1	5.6
Eastern	175.9	150.5	202.3	251.8	9.3	7.3	8.9	10.0	-3.1	6.1	7.6
Northern	45.3	50.9	47.5	52.5	2.4	2.5	2.1	2.1	2.4	-1.4	3.4
Southern	52.2	62.4	57.2	67.7	2.7	3.0	2.5	2.7	3.6	-1.7	5.8
Western	102.8	121.1	121.1	132.2	5.4	5.9	5.3	5.2	3.3	-0.0	3.0
Oceania	28.2	35.3	40.7	36.4	1.5	1.7	1.8	1.4	4.6	2.9	-3.7
Australia and New Zealand	28.1	35.3	40.7	36.4	1.5	1.7	1.8	1.4	4.6	2.9	-3.7
Melanesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	1.0	-4.6
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	1.2	4.3
Polynesia	...	...	...	...	...	...	...	...	...	...	...
Developed countries	745.4	826.7	898.6	1 012.4	39.3	40.1	39.6	40.2	2.1	1.7	4.1
Africa											
America	326.9	393.7	417.4	459.6	17.2	19.1	18.4	18.2	3.8	1.2	3.3
Asia	14.1	12.8	12.4	12.2	0.7	0.6	0.5	0.5	-2.0	-0.6	-0.8
Europe	376.2	384.9	428.0	504.3	19.8	18.7	18.9	20.0	0.5	2.1	5.6
Oceania	28.1	35.3	40.7	36.4	1.5	1.7	1.8	1.4	4.6	2.9	-3.7
Developing countries	1 152.3	1 233.5	1 369.2	1 508.3	60.7	59.9	60.4	59.8	1.4	2.1	3.3
Africa	97.9	111.7	141.5	152.1	5.2	5.4	6.2	6.0	2.7	4.8	2.4
America	124.2	138.3	153.2	188.5	6.5	6.7	6.8	7.5	2.2	2.1	7.2
Asia	930.2	983.5	1 074.5	1 167.6	49.0	47.7	47.4	46.3	1.1	1.8	2.8
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	1.0	-4.5
Europe											
Special Groupings											
Near East*	80.4	78.2	105.9	83.1	4.2	3.8	4.7	3.3	-0.5	6.2	-7.7
Near East & North Africa	85.0	82.3	115.8	91.2	4.5	4.0	5.1	3.6	-0.6	7.1	-7.6
Sub-Saharan Africa**	69.6	72.8	94.7	105.6	3.7	3.5	4.2	4.2	0.9	5.4	3.7
East-SouthEastAsia***	176.1	197.7	225.3	250.1	9.3	9.6	9.9	9.9	2.3	2.6	3.5
Lat.America&Caribbean	124.2	138.3	153.2	188.5	6.5	6.7	6.8	7.5	2.2	2.1	7.2

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.12 Imports of cereals and preparations and Related Growth Rates

World/Region	Quantity								Average annual rate of growth		
	(Thousand tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2007	1995	2000	2005	2007	1995-2000	2000-2005	2005-2007
Imports											
WORLD	255 948	285 682	307 180	331 869	100.0	100.0	100.0	100.0	2.2	1.5	3.9
Africa	34 609	45 225	55 592	55 011	13.5	15.8	18.1	16.6	5.5	4.2	-0.5
Eastern	3 519	5 304	6 908	6 625	1.4	1.9	2.2	2.0	8.6	5.4	-2.1
Middle	1 466	1 693	2 738	2 529	0.6	0.6	0.9	0.8	2.9	10.1	-3.9
Northern	21 775	28 523	31 169	30 899	8.5	10.0	10.1	9.3	5.5	1.8	-0.4
Southern	3 143	2 509	3 065	4 081	1.2	0.9	1.0	1.2	-4.4	4.1	15.4
Western	4 706	7 196	11 711	10 877	1.8	2.5	3.8	3.3	8.9	10.2	-3.6
Asia	125 688	122 180	122 202	122 795	49.1	42.8	39.8	37.0	-0.6	0.0	0.2
Central	2 537	1 568	1 747	2 763	1.0	0.5	0.6	0.8	-9.2	2.2	25.8
Eastern	71 133	53 993	55 628	49 306	27.8	18.9	18.1	14.9	-5.4	0.6	-5.9
South-Eastern	17 960	18 661	19 644	21 212	7.0	6.5	6.4	6.4	0.8	1.0	3.9
Southern	13 238	16 023	11 723	12 512	5.2	5.6	3.8	3.8	3.9	-6.1	3.3
Western	20 820	31 936	33 461	37 002	8.1	11.2	10.9	11.1	8.9	0.9	5.2
America	39 951	55 553	56 546	67 744	15.6	19.4	18.4	20.4	6.8	0.4	9.5
Caribbean	3 913	4 465	5 418	5 504	1.5	1.6	1.8	1.7	2.7	3.9	0.8
Central	9 091	18 242	21 632	23 018	3.6	6.4	7.0	6.9	14.9	3.5	3.2
Northern	7 467	8 967	9 681	12 581	2.9	3.1	3.2	3.8	3.7	1.5	14.0
Southern	19 480	23 879	19 815	26 641	7.6	8.4	6.5	8.0	4.2	-3.7	16.0
Europe	54 375	61 690	71 359	84 822	21.2	21.6	23.2	25.6	2.6	3.0	9.0
Eastern	8 275	12 384	5 213	9 413	3.2	4.3	1.7	2.8	8.4	-15.9	34.4
Northern	6 112	7 219	7 960	8 966	2.4	2.5	2.6	2.7	3.4	2.0	6.1
Southern	19 682	21 743	32 761	32 294	7.7	7.6	10.7	9.7	2.0	8.5	-0.7
Western	20 306	20 343	25 425	34 149	7.9	7.1	8.3	10.3	0.0	4.6	15.9
Oceania	1 325	1 034	1 481	1 497	0.5	0.4	0.5	0.5	-4.8	7.5	0.5
Australia and New Zealand	688	464	801	849	0.3	0.2	0.3	0.3	-7.6	11.5	3.0
Melanesia	544	485	589	568	0.2	0.2	0.2	0.2	-2.3	4.0	-1.9
Micronesia	22	21	19	10	0.0	0.0	0.0	0.0	-1.0	-2.0	-26.7
Polynesia	71	64	73	70	0.0	0.0	0.0	0.0	-1.9	2.4	-1.7
Developed countries	90 903	99 333	109 162	124 892	35.5	34.8	35.5	37.6	1.8	1.9	7.0
Africa											
America	7 467	8 967	9 681	12 581	2.9	3.1	3.2	3.8	3.7	1.5	14.0
Asia	28 373	28 212	27 322	26 639	11.1	9.9	8.9	8.0	-0.1	-0.6	-1.3
Europe	54 375	61 690	71 359	84 822	21.2	21.6	23.2	25.6	2.6	3.0	9.0
Oceania	688	464	801	849	0.3	0.2	0.3	0.3	-7.6	11.5	3.0
Developing countries	165 045	186 349	198 018	206 977	64.5	65.2	64.5	62.4	2.5	1.2	2.2
Africa	34 609	45 225	55 592	55 011	13.5	15.8	18.1	16.6	5.5	4.2	-0.5
America	32 484	46 585	46 865	55 163	12.7	16.3	15.3	16.6	7.5	0.1	8.5
Asia	97 315	93 968	94 880	96 156	38.0	32.9	30.9	29.0	-0.7	0.2	0.7
Oceania	637	570	681	648	0.2	0.2	0.2	0.2	-2.2	3.6	-2.4
Europe											
Special Groupings											
Near East*	32 710	50 749	48 794	50 842	12.8	17.8	15.9	15.3	9.2	-0.8	2.1
Near East & North Africa	44 739	66 006	64 602	67 499	17.5	23.1	21.0	20.3	8.1	-0.4	2.2
Sub-Saharan Africa**	10 841	16 129	24 245	22 096	4.2	5.6	7.9	6.7	8.3	8.5	-4.5
East-SouthEastAsia***	59 950	62 328	61 315	61 672	23.4	21.8	20.0	18.6	0.8	-0.3	0.3
Lat.America&Caribbean	32 484	46 585	46 865	55 163	12.7	16.3	15.3	16.6	7.5	0.1	8.5

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.13 Exports of cereals and preparations and Related Growth Rates

World/Region	Quantity								Average annual rate of growth		
	(Thousand tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2007	1995	2000	2005	2007	1995-2000	2000-2005	2005-2007
Imports											
WORLD	260 622	288 046	316 002	352 867	100.0	100.0	100.0	100.0	2.0	1.9	5.7
Africa	3 518	2 199	4 643	3 156	1.3	0.8	1.5	0.9	-9.0	16.1	-17.6
Eastern	822	390	453	1 076	0.3	0.1	0.1	0.3	-13.9	3.0	54.2
Middle	1	2	4	7	0.0	0.0	0.0	0.0	16.5	13.3	37.9
Northern	738	741	1 400	1 607	0.3	0.3	0.4	0.5	0.1	13.6	7.1
Southern	1 843	923	2 601	214	0.7	0.3	0.8	0.1	-12.9	23.0	-71.3
Western	114	143	186	252	0.0	0.0	0.1	0.1	4.7	5.3	16.4
Asia	26 736	39 603	42 716	53 411	10.3	13.7	13.5	15.1	8.2	1.5	11.8
Central	4 068	6 024	3 054	8 383	1.6	2.1	1.0	2.4	8.2	-12.7	65.7
Eastern	1 575	14 593	10 955	10 894	0.6	5.1	3.5	3.1	56.1	-5.6	-0.3
South-Eastern	9 665	10 841	14 630	15 915	3.7	3.8	4.6	4.5	2.3	6.2	4.3
Southern	7 983	4 921	9 359	14 343	3.1	1.7	3.0	4.1	-9.2	13.7	23.8
Western	3 445	3 224	4 717	3 876	1.3	1.1	1.5	1.1	-1.3	7.9	-9.4
America	144 816	140 447	140 807	177 022	55.6	48.8	44.6	50.2	-0.6	0.1	12.1
Caribbean	192	83	107	102	0.1	0.0	0.0	0.0	-15.4	5.2	-2.5
Central	784	953	1 393	1 855	0.3	0.3	0.4	0.5	4.0	7.9	15.4
Northern	127 970	113 337	107 562	130 310	49.1	39.3	34.0	36.9	-2.4	-1.0	10.1
Southern	15 870	26 073	31 744	44 755	6.1	9.1	10.0	12.7	10.4	4.0	18.7
Europe	74 374	83 357	108 675	101 350	28.5	28.9	34.4	28.7	2.3	5.4	-3.4
Eastern	13 569	7 860	37 527	34 846	5.2	2.7	11.9	9.9	-10.3	36.7	-3.6
Northern	9 428	11 700	10 075	9 464	3.6	4.1	3.2	2.7	4.4	-2.9	-3.1
Southern	5 449	6 796	7 637	8 571	2.1	2.4	2.4	2.4	4.5	2.4	5.9
Western	45 928	57 001	53 436	48 469	17.6	19.8	16.9	13.7	4.4	-1.3	-4.8
Oceania	11 179	22 441	19 161	17 927	4.3	7.8	6.1	5.1	15.0	-3.1	-3.3
Australia and New Zealand	11 172	22 429	19 132	17 889	4.3	7.8	6.1	5.1	15.0	-3.1	-3.3
Melanesia	7	12	30	38	0.0	0.0	0.0	0.0	10.1	20.6	12.4
Micronesia	...	...	...	...	...	...	...	...	...	...	...
Polynesia	...	...	...	0	...	...	...	0.0	...	...	...
Developed countries	213 881	219 505	235 711	249 875	82.1	76.2	74.6	70.8	0.5	1.4	3.0
Africa											
America	127 970	113 337	107 562	130 310	49.1	39.3	34.0	36.9	-2.4	-1.0	10.1
Asia	366	382	342	325	0.1	0.1	0.1	0.1	0.8	-2.2	-2.5
Europe	74 374	83 357	108 675	101 350	28.5	28.9	34.4	28.7	2.3	5.4	-3.4
Oceania	11 172	22 429	19 132	17 889	4.3	7.8	6.1	5.1	15.0	-3.1	-3.3
Developing countries	46 741	68 541	80 291	102 992	17.9	23.8	25.4	29.2	8.0	3.2	13.3
Africa	3 518	2 199	4 643	3 156	1.3	0.8	1.5	0.9	-9.0	16.1	-17.6
America	16 847	27 110	33 245	46 712	6.5	9.4	10.5	13.2	10.0	4.2	18.5
Asia	26 370	39 221	42 373	53 086	10.1	13.6	13.4	15.0	8.3	1.6	11.9
Oceania	7	12	30	38	0.0	0.0	0.0	0.0	10.1	20.6	12.7
Europe											
Special Groupings											
Near East*	4 029	3 725	5 868	5 290	1.5	1.3	1.9	1.5	-1.6	9.5	-5.1
Near East & North Africa	4 167	4 015	6 107	5 507	1.6	1.4	1.9	1.6	-0.7	8.7	-5.0
Sub-Saharan Africa**	1 394	622	673	1 473	0.5	0.2	0.2	0.4	-14.9	1.6	47.9
East-SouthEastAsia***	10 160	11 367	15 119	16 376	3.9	3.9	4.8	4.6	2.3	5.9	4.1
Lat.America&Caribbean	16 847	27 110	33 245	46 712	6.5	9.4	10.5	13.2	10.0	4.2	18.5

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.14 Wheat production and Related Growth Rates

	Production								Average annual rate of growth		
World/Region	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	542.6	585.7	626.8	683.4	100.0	100.0	100.0	100.0	1.5	1.4	2.9
Africa	13.1	14.3	21.0	19.8	2.4	2.4	3.4	2.9	1.7	8.0	-2.0
Eastern	1.6	1.8	3.2	3.1	0.3	0.3	0.5	0.4	2.3	11.9	-1.5
Middle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.7	0.1	9.9
Northern	9.4	9.9	15.8	14.5	1.7	1.7	2.5	2.1	1.0	9.8	-2.8
Southern	2.0	2.4	1.9	2.1	0.4	0.4	0.3	0.3	4.2	-4.6	3.6
Western	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	10.2	-2.4	-0.7
Asia	238.1	254.5	265.2	274.8	43.9	43.5	42.3	40.2	1.3	0.8	1.2
Central	10.3	15.7	21.7	22.8	1.9	2.7	3.5	3.3	8.8	6.6	1.7
Eastern	103.0	100.5	98.6	113.7	19.0	17.2	15.7	16.6	-0.5	-0.4	4.9
South-Eastern	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	1.0	11.1	-0.2
Southern	98.2	110.0	111.3	112.5	18.1	18.8	17.7	16.5	2.3	0.2	0.4
Western	26.5	28.1	33.6	25.6	4.9	4.8	5.4	3.7	1.2	3.6	-8.7
America	101.6	110.9	106.7	119.0	18.7	18.9	17.0	17.4	1.8	-0.8	3.7
Caribbean	...	...	...	...	...	...	...	...	...	...	...
Central	3.5	3.5	3.0	4.0	0.6	0.6	0.5	0.6	0.0	-2.9	10.0
Northern	84.4	87.2	83.0	96.6	15.6	14.9	13.2	14.1	0.7	-1.0	5.2
Southern	13.7	20.2	20.7	18.3	2.5	3.4	3.3	2.7	8.0	0.5	-4.0
Europe	173.0	183.6	208.4	248.1	31.9	31.3	33.3	36.3	1.2	2.6	6.0
Eastern	78.3	71.1	99.1	126.2	14.4	12.1	15.8	18.5	-1.9	6.9	8.4
Northern	22.7	27.2	26.3	29.7	4.2	4.6	4.2	4.3	3.7	-0.6	4.1
Southern	18.8	21.5	17.5	21.7	3.5	3.7	2.8	3.2	2.8	-4.1	7.5
Western	53.3	63.8	65.6	70.5	9.8	10.9	10.5	10.3	3.7	0.6	2.5
Oceania	16.7	22.4	25.5	21.8	3.1	3.8	4.1	3.2	6.0	2.6	-5.1
Australia and New Zealand	16.7	22.4	25.5	21.8	3.1	3.8	4.1	3.2	6.0	2.6	-5.1
Melanesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-36.6	8.4	6.3
Micronesia	...	...	...	...	...	...	...	...	...	...	...
Polynesia	...	...	...	...	...	...	...	...	...	...	...
Developed countries	274.6	293.9	317.8	367.4	50.6	50.2	50.7	53.8	1.4	1.6	5.0
Africa											
America	84.4	87.2	83.0	96.6	15.6	14.9	13.2	14.1	0.7	-1.0	5.2
Asia	0.4	0.7	0.9	0.9	0.1	0.1	0.1	0.1	9.2	4.9	0.2
Europe	173.0	183.6	208.4	248.1	31.9	31.3	33.3	36.3	1.2	2.6	6.0
Oceania	16.7	22.4	25.5	21.8	3.1	3.8	4.1	3.2	6.0	2.6	-5.1
Developing countries	268.0	291.8	309.1	316.0	49.4	49.8	49.3	46.2	1.7	1.2	0.7
Africa	13.1	14.3	21.0	19.8	2.4	2.4	3.4	2.9	1.7	8.0	-2.0
America	17.2	23.7	23.7	22.3	3.2	4.0	3.8	3.3	6.6	0.0	-1.9
Asia	237.7	253.8	264.4	273.9	43.8	43.3	42.2	40.1	1.3	0.8	1.2
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-36.6	8.4	6.3
Europe											
Special Groupings											
Near East*	44.9	43.1	58.6	42.8	8.3	7.4	9.4	6.3	-0.8	6.4	-10.0
Near East & North Africa	48.0	46.1	65.7	48.6	8.9	7.9	10.5	7.1	-0.8	7.4	-9.6
Sub-Saharan Africa**	2.2	2.2	3.7	3.8	0.4	0.4	0.6	0.6	-0.0	11.5	0.3
East-SouthEastAsia***	0.9	1.0	1.3	1.4	0.2	0.2	0.2	0.2	1.0	6.1	3.1
Lat.America&Caribbean	17.2	23.7	23.7	22.3	3.2	4.0	3.8	3.3	6.6	0.0	-1.9

5.15 Leading Wheat Producing Countries, 2008

Country	Production (million tonnes)	Country	Production (million tonnes)
China	112	Canada	29
India	79	Germany	26
United States of America	68	Ukraine	26
Russian Fed.	64	Australia	21
France	39	Pakistan	21

5.16 Leading Wheat Exporting Countries, 2007

Country	Quantity (million tonnes)	Value (million US\$)
United States of America	33	8 345
Canada	18	4 359
Australia	15	3 888

5.17 Paddy Rice production and Related Growth Rates

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	547.4	599.4	634.4	685.9	100.0	100.0	100.0	100.0	1.8	1.1	2.6
Africa	14.9	17.5	20.3	23.6	2.7	2.9	3.2	3.4	3.2	3.0	5.2
Eastern	3.4	3.8	5.1	5.0	0.6	0.6	0.8	0.7	2.0	6.0	-0.3
Middle	0.5	0.5	0.6	0.6	0.1	0.1	0.1	0.1	0.5	2.1	1.2
Northern	4.8	6.0	6.2	7.3	0.9	1.0	1.0	1.1	4.7	0.5	5.8
Southern	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.5	1.2	1.0
Western	6.2	7.1	8.4	10.7	1.1	1.2	1.3	1.6	2.9	3.4	8.1
Asia	499.5	545.5	574.1	622.6	91.2	91.0	90.5	90.8	1.8	1.0	2.7
Central	0.6	0.5	0.7	0.5	0.1	0.1	0.1	0.1	-4.3	5.7	-5.8
Eastern	209.1	210.6	202.4	214.2	38.2	35.1	31.9	31.2	0.1	-0.8	1.9
South-Eastern	132.3	152.4	173.5	190.5	24.2	25.4	27.3	27.8	2.9	2.6	3.2
Southern	156.9	181.6	196.6	216.4	28.7	30.3	31.0	31.6	3.0	1.6	3.2
Western	0.5	0.4	0.9	1.0	0.1	0.1	0.1	0.1	-3.6	16.2	3.1
America	29.2	32.0	36.3	36.0	5.3	5.3	5.7	5.2	1.9	2.5	-0.3
Caribbean	1.0	1.3	1.1	1.2	0.2	0.2	0.2	0.2	5.0	-3.4	3.8
Central	1.1	1.2	1.1	1.2	0.2	0.2	0.2	0.2	2.5	-1.6	2.8
Northern	7.9	8.7	10.1	9.2	1.4	1.4	1.6	1.3	1.9	3.1	-2.9
Southern	19.2	20.9	24.0	24.3	3.5	3.5	3.8	3.5	1.7	2.8	0.5
Europe	2.7	3.2	3.4	3.5	0.5	0.5	0.5	0.5	3.3	1.1	1.1
Eastern	0.6	0.7	0.7	0.9	0.1	0.1	0.1	0.1	3.9	0.1	9.6
Northern	...	...	...	...	...	...	...	...	...	...	...
Southern	2.0	2.4	2.5	2.4	0.4	0.4	0.4	0.4	3.4	1.5	-1.3
Western	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-1.1	-2.5	-4.5
Oceania	1.2	1.1	0.4	0.2	0.2	0.2	0.1	0.0	-0.6	-20.4	-16.9
Australia and New Zealand	1.1	1.1	0.3	0.2	0.2	0.2	0.1	0.0	-0.6	-21.0	-17.5
Melanesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.8	0.6	-7.2
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	...	3.6
Polynesia	...	...	...	...	...	...	...	...	...	...	...
Developed countries	25.2	24.8	25.1	23.9	4.6	4.1	4.0	3.5	-0.3	0.3	-1.6
Africa											
America	7.9	8.7	10.1	9.2	1.4	1.4	1.6	1.3	1.9	3.1	-2.9
Asia	13.4	11.9	11.3	11.0	2.5	2.0	1.8	1.6	-2.5	-0.9	-0.9
Europe	2.7	3.2	3.4	3.5	0.5	0.5	0.5	0.5	3.3	1.1	1.1
Oceania	1.1	1.1	0.3	0.2	0.2	0.2	0.1	0.0	-0.6	-21.0	-17.5
Developing countries	522.3	574.6	609.2	661.9	95.4	95.9	96.0	96.5	1.9	1.2	2.8
Africa	14.9	17.5	20.3	23.6	2.7	2.9	3.2	3.4	3.2	3.0	5.2
America	21.3	23.4	26.2	26.7	3.9	3.9	4.1	3.9	1.9	2.3	0.7
Asia	486.0	533.7	562.8	611.6	88.8	89.0	88.7	89.2	1.9	1.1	2.8
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.8	0.6	-7.1
Europe											
Special Groupings									...	...	...
Near East*	8.0	8.6	10.3	10.9	1.5	1.4	1.6	1.6	1.6	3.5	1.9
Near East & North Africa	8.0	8.7	10.3	10.9	1.5	1.4	1.6	1.6	1.6	3.5	1.9
Sub-Saharan Africa**	10.1	11.4	14.1	16.3	1.8	1.9	2.2	2.4	2.5	4.3	5.0
East-SouthEastAsia***	154.1	173.2	193.9	211.3	28.1	28.9	30.6	30.8	2.4	2.3	2.9
Lat.America&Caribbean	21.3	23.4	26.2	26.7	3.9	3.9	4.1	3.9	1.9	2.3	0.7

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.18 Leading Paddy Rice Producing Countries, 2008

Country	Production (million tonnes)	Country	Production (million tonnes)
China	193	Thailand	32
India	148	Myanmar	31
Indonesia	60	Philippines	17
Bangladesh	47	Brazil	12
Viet Nam	39	Japan	11

5.19 Leading Rice* Exporting Countries, 2007

Country	Quantity (million tonnes)	Value (million US\$)
Thailand	9	3 470
India	6	2 848
Viet Nam	5	1 490

* Paddy, husked, milled, broken

5.20 Coarse Grains production and Related Growth Rates

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	807.7	875.2	1 006.5	1 151.4	100.0	100.0	100.0	100.0	1.6	2.8	4.6
Africa	69.8	79.9	100.2	108.7	8.6	9.1	10.0	9.4	2.7	4.6	2.8
Eastern	19.8	22.4	26.3	28.3	2.5	2.6	2.6	2.5	2.4	3.3	2.4
Middle	3.5	4.0	5.6	5.9	0.4	0.5	0.6	0.5	2.5	7.3	1.4
Northern	9.9	11.7	16.8	14.6	1.2	1.3	1.7	1.3	3.4	7.5	-4.6
Southern	5.9	12.5	12.6	13.5	0.7	1.4	1.2	1.2	16.3	0.1	2.4
Western	30.7	29.4	38.9	46.4	3.8	3.4	3.9	4.0	-0.9	5.8	6.1
Asia	206.7	196.3	247.6	282.4	25.6	22.4	24.6	24.5	-1.0	4.8	4.5
Central	4.0	3.1	3.5	4.1	0.5	0.3	0.3	0.4	-5.3	2.8	5.6
Eastern	131.5	119.6	152.3	176.4	16.3	13.7	15.1	15.3	-1.9	4.9	5.0
South-Eastern	18.7	21.8	27.7	35.2	2.3	2.5	2.8	3.1	3.2	4.9	8.3
Southern	36.9	38.1	45.4	52.1	4.6	4.4	4.5	4.5	0.7	3.5	4.7
Western	15.6	13.6	18.6	14.6	1.9	1.6	1.9	1.3	-2.8	6.6	-7.9
America	320.3	389.1	427.6	493.2	39.7	44.5	42.5	42.8	4.0	1.9	4.9
Caribbean	0.5	0.6	0.7	0.7	0.1	0.1	0.1	0.1	4.4	3.3	-2.1
Central	26.3	27.2	29.0	35.5	3.3	3.1	2.9	3.1	0.7	1.3	6.9
Northern	234.7	297.9	324.3	353.7	29.1	34.0	32.2	30.7	4.9	1.7	2.9
Southern	58.9	63.4	73.6	103.3	7.3	7.2	7.3	9.0	1.5	3.0	12.0
Europe	200.5	198.1	216.3	252.7	24.8	22.6	21.5	22.0	-0.2	1.8	5.3
Eastern	97.1	78.7	102.5	124.7	12.0	9.0	10.2	10.8	-4.1	5.4	6.8
Northern	22.6	23.7	21.2	22.8	2.8	2.7	2.1	2.0	1.0	-2.2	2.5
Southern	31.4	38.5	37.2	43.6	3.9	4.4	3.7	3.8	4.1	-0.7	5.4
Western	49.4	57.2	55.4	61.6	6.1	6.5	5.5	5.3	3.0	-0.6	3.6
Oceania	10.3	11.8	14.9	14.4	1.3	1.3	1.5	1.3	2.8	4.8	-1.0
Australia and New Zealand	10.3	11.8	14.9	14.4	1.3	1.3	1.5	1.3	2.8	4.8	-1.0
Melanesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	1.4	-2.1
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	2.4	5.0
Polynesia	...	...	...	...	...	...	...	...	...	...	...
Developed countries	445.6	508.0	555.7	621.1	55.2	58.0	55.2	53.9	2.7	1.8	3.8
Africa											
America	234.7	297.9	324.3	353.7	29.1	34.0	32.2	30.7	4.9	1.7	2.9
Asia	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.1	-2.4	3.6
Europe	200.5	198.1	216.3	252.7	24.8	22.6	21.5	22.0	-0.2	1.8	5.3
Oceania	10.3	11.8	14.9	14.4	1.3	1.3	1.5	1.3	2.8	4.8	-1.0
Developing countries	362.0	367.2	450.9	530.3	44.8	42.0	44.8	46.1	0.3	4.2	5.6
Africa	69.8	79.9	100.2	108.7	8.6	9.1	10.0	9.4	2.7	4.6	2.8
America	85.7	91.2	103.3	139.5	10.6	10.4	10.3	12.1	1.3	2.5	10.5
Asia	206.5	196.0	247.3	282.1	25.6	22.4	24.6	24.5	-1.0	4.8	4.5
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	1.4	-2.0
Europe											
Special Groupings											
Near East*	27.5	26.5	36.9	29.5	3.4	3.0	3.7	2.6	-0.7	6.9	-7.3
Near East & North Africa	28.9	27.5	39.8	31.7	3.6	3.1	4.0	2.8	-1.0	7.6	-7.3
Sub-Saharan Africa**	57.3	59.1	76.9	85.5	7.1	6.8	7.6	7.4	0.7	5.4	3.6
East-SouthEastAsia***	21.0	23.6	30.2	37.4	2.6	2.7	3.0	3.2	2.3	5.0	7.4
Lat.America&Caribbean	85.7	91.2	103.3	139.5	10.6	10.4	10.3	12.1	1.3	2.5	10.5

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.21 Leading coarse grains Producing Countries, 2008

Country	Production (million tonnes)	Country	Production (million tonnes)
United States of America	326	Mexico	32
China	174	France	31
Brazil	62	Canada	27
Russian Fed.	42	Argentina	27
India	40	Ukraine	27

5.22 Leading coarse grains Exporting Countries, 2007

Country	Quantity (million tonnes)	Value (million US\$)
United States of America	64	11 379
Argentina	17	2 496
Brazil	11	1 960

5.23 Meat production and Related Growth Rates

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
Production											
WORLD	205.4	233.4	259.1	277.8	100.0	100.0	100.0	100.0	2.6	2.1	2.4
Africa	9.6	11.4	13.0	14.0	4.7	4.9	5.0	5.1	3.4	2.8	2.5
Eastern	2.4	2.6	3.2	3.2	1.2	1.1	1.2	1.2	1.9	3.8	0.9
Middle	0.7	0.9	0.9	1.0	0.4	0.4	0.4	0.3	3.1	1.1	1.7
Northern	2.9	3.6	4.0	4.2	1.4	1.5	1.5	1.5	4.3	2.1	2.2
Southern	1.6	1.9	2.2	2.4	0.8	0.8	0.8	0.9	4.1	2.3	3.5
Western	2.0	2.4	2.8	3.2	1.0	1.0	1.1	1.2	3.4	3.5	4.0
Asia	74.8	90.8	104.8	112.0	36.4	38.9	40.5	40.3	3.9	2.9	2.2
Central	1.8	1.5	1.8	2.1	0.9	0.6	0.7	0.7	-3.9	4.2	3.7
Eastern	53.2	67.3	76.4	80.1	25.9	28.8	29.5	28.8	4.8	2.6	1.6
South-Eastern	8.5	9.4	12.3	14.1	4.1	4.0	4.8	5.1	2.2	5.5	4.5
Southern	8.0	8.3	9.5	10.5	3.9	3.6	3.7	3.8	0.9	2.6	3.6
Western	3.3	4.2	4.8	5.2	1.6	1.8	1.9	1.9	5.0	2.6	2.7
America	63.6	74.1	83.4	91.7	30.9	31.8	32.2	33.0	3.1	2.4	3.2
Caribbean	0.8	1.0	1.0	1.2	0.4	0.4	0.4	0.4	3.0	1.9	5.4
Central	4.6	5.4	6.5	7.0	2.2	2.3	2.5	2.5	3.4	3.7	2.2
Northern	37.0	41.6	44.1	47.1	18.0	17.8	17.0	17.0	2.4	1.2	2.3
Southern	21.2	26.1	31.8	36.3	10.3	11.2	12.3	13.1	4.3	4.0	4.6
Europe	52.4	51.7	51.9	54.1	25.5	22.2	20.0	19.5	-0.3	0.1	1.4
Eastern	15.6	13.4	13.7	15.1	7.6	5.7	5.3	5.4	-3.0	0.4	3.4
Northern	8.1	8.0	8.1	8.0	3.9	3.4	3.1	2.9	-0.3	0.3	-0.6
Southern	10.6	11.6	11.9	12.2	5.2	5.0	4.6	4.4	1.7	0.5	0.9
Western	18.1	18.8	18.3	18.9	8.8	8.0	7.1	6.8	0.7	-0.5	1.0
Oceania	5.0	5.4	5.9	6.1	2.4	2.3	2.3	2.2	1.6	1.8	1.2
Australia and New Zealand	4.6	5.0	5.4	5.6	2.2	2.1	2.1	2.0	1.6	1.7	1.0
Melanesia	0.4	0.4	0.4	0.5	0.2	0.2	0.2	0.2	1.8	3.2	2.8
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.2	1.5
Polynesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	1.3
Developed countries	97.2	101.3	104.5	110.0	47.3	43.4	40.3	39.6	0.8	0.6	1.7
Africa											
America	37.0	41.6	44.1	47.1	18.0	17.8	17.0	17.0	2.4	1.2	2.3
Asia	3.2	3.0	3.0	3.1	1.5	1.3	1.2	1.1	-1.1	0.3	1.3
Europe	52.4	51.7	51.9	54.1	25.5	22.2	20.0	19.5	-0.3	0.1	1.4
Oceania	4.6	5.0	5.4	5.6	2.2	2.1	2.1	2.0	1.6	1.7	1.0
Developing countries	108.2	132.1	154.7	167.9	52.7	56.6	59.7	60.4	4.1	3.2	2.8
Africa	9.6	11.4	13.0	14.0	4.7	4.9	5.0	5.1	3.4	2.8	2.5
America	26.6	32.5	39.3	44.5	12.9	13.9	15.2	16.0	4.1	3.9	4.2
Asia	71.6	87.8	101.8	108.8	34.9	37.6	39.3	39.2	4.2	3.0	2.2
Oceania	0.4	0.4	0.5	0.5	0.2	0.2	0.2	0.2	1.8	3.1	2.7
Europe											
Special Groupings											
Near East*	6.1	7.5	8.7	9.5	3.0	3.2	3.3	3.4	4.2	3.0	3.0
Near East & North Africa	7.2	8.9	10.2	11.2	3.5	3.8	4.0	4.0	4.2	2.9	3.0
Sub-Saharan Africa**	5.9	6.7	7.9	8.4	2.9	2.9	3.1	3.0	2.8	3.2	2.0
East-SouthEastAsia***	13.4	14.6	17.5	19.7	6.5	6.3	6.8	7.1	1.7	3.7	3.9
Lat.America&Caribbean	26.6	32.5	39.3	44.5	12.9	13.9	15.2	16.0	4.1	3.9	4.2

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.21 Leading Meat Producing Countries, 2008

Country	Production (million tonnes)	Country	Production (million tonnes)
China	75	Mexico	6
United States of America	43	France	6
Brazil	23	Spain	5
Germany	8	Canada	4
Russian Fed.	6	Argentina	4

5.25 Leading Meat and Preparations Exporting Countries, 2007

Country	Quantity (million tonnes)	Value (million US\$)
Brazil	6	10 957
United States of America	5	8 677
Netherlands	3	7 813

5.26 Oilcrops production and Related Growth Rates

	Production								Average annual rate of growth		
World/Region	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	91.8	109.9	143.5	159.8	100.0	100.0	100.0	100.0	3.7	5.5	3.7
Africa	6.1	7.1	8.7	9.5	6.6	6.4	6.0	5.9	3.2	4.1	3.0
Eastern	0.6	0.8	1.1	1.2	0.7	0.7	0.7	0.7	3.9	6.1	3.7
Middle	0.9	0.9	1.1	1.0	0.9	0.8	0.7	0.6	1.1	3.1	-1.1
Northern	0.9	1.0	1.1	1.3	1.0	0.9	0.8	0.8	2.1	2.2	3.9
Southern	0.3	0.3	0.4	0.5	0.3	0.3	0.2	0.3	2.5	2.3	8.9
Western	3.4	4.1	5.0	5.5	3.7	3.7	3.5	3.5	3.9	4.5	3.1
Asia	44.2	52.8	70.8	77.7	48.1	48.0	49.3	48.6	3.6	6.0	3.2
Central	0.7	0.6	0.8	0.7	0.7	0.5	0.5	0.5	-2.7	6.6	-1.9
Eastern	12.7	15.3	16.4	16.4	13.8	13.9	11.5	10.3	3.8	1.4	0.0
South-Eastern	19.7	26.1	39.9	46.9	21.4	23.8	27.8	29.4	5.8	8.8	5.5
Southern	10.1	9.3	12.2	12.1	11.0	8.4	8.5	7.6	-1.7	5.6	-0.2
Western	1.1	1.5	1.4	1.4	1.2	1.3	1.0	0.9	7.0	-1.4	0.9
America	28.6	35.5	45.7	50.0	31.2	32.3	31.9	31.3	4.4	5.2	3.0
Caribbean	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9	3.6	0.6
Central	0.6	0.8	1.1	1.3	0.7	0.7	0.7	0.8	3.5	6.9	6.0
Northern	16.4	19.6	22.8	22.7	17.9	17.9	15.9	14.2	3.6	3.0	-0.1
Southern	11.5	15.0	21.8	25.9	12.5	13.6	15.2	16.2	5.5	7.8	5.9
Europe	12.0	12.9	17.0	21.2	13.1	11.8	11.8	13.3	1.5	5.5	7.8
Eastern	5.2	5.0	8.1	11.6	5.7	4.6	5.6	7.3	-0.6	9.9	12.8
Northern	0.8	0.7	1.2	1.4	0.8	0.6	0.8	0.9	-1.7	11.0	5.6
Southern	2.7	3.5	3.2	3.6	2.9	3.2	2.2	2.3	5.5	-1.9	4.1
Western	3.4	3.7	4.5	4.6	3.7	3.3	3.1	2.9	1.8	4.2	0.9
Oceania	0.9	1.7	1.4	1.5	1.0	1.5	1.0	1.0	12.9	-3.2	2.8
Australia and New Zealand	0.4	0.9	0.8	0.8	0.4	0.9	0.5	0.5	21.1	-4.4	1.4
Melanesia	0.5	0.6	0.6	0.7	0.5	0.6	0.4	0.4	6.3	-2.0	4.7
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.2	4.7	1.5
Polynesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	1.3	0.0
Developed countries	28.8	33.6	40.5	44.8	31.4	30.6	28.2	28.0	3.1	3.8	3.4
Africa											
America	16.4	19.6	22.8	22.7	17.9	17.9	15.9	14.2	3.6	3.0	-0.1
Asia	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	6.0	-1.3	4.0
Europe	12.0	12.9	17.0	21.2	13.1	11.8	11.8	13.3	1.5	5.5	7.8
Oceania	0.4	0.9	0.8	0.8	0.4	0.9	0.5	0.5	21.1	-4.4	1.4
Developing countries	62.9	76.3	102.9	115.1	68.6	69.4	71.8	72.0	3.9	6.2	3.8
Africa	6.1	7.1	8.7	9.5	6.6	6.4	6.0	5.9	3.2	4.1	3.0
America	12.2	15.8	22.9	27.3	13.3	14.4	16.0	17.1	5.4	7.7	5.9
Asia	44.1	52.7	70.7	77.6	48.1	48.0	49.3	48.6	3.6	6.0	3.2
Oceania	0.5	0.7	0.6	0.7	0.6	0.6	0.5	0.5	5.5	-1.6	4.3
Europe											
Special Groupings											
Near East*	1.8	2.3	2.2	2.4	2.0	2.1	1.5	1.5	4.8	-0.8	2.7
Near East & North Africa	2.0	2.6	2.7	2.9	2.2	2.3	1.9	1.8	5.0	0.9	2.4
Sub-Saharan Africa**	5.3	6.2	7.5	8.2	5.8	5.7	5.2	5.1	3.2	3.9	2.9
East-SouthEastAsia***	19.9	26.3	40.1	47.1	21.6	23.9	27.9	29.5	5.8	8.8	5.5
Lat.America&Caribbean	12.2	15.8	22.9	27.3	13.3	14.4	16.0	17.1	5.4	7.7	5.9

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.27 Leading Soybean and Groundnut Producing Countries, 2008

Country	Production (million tonnes)	Country	Production (million tonnes)
<u>Soybeans</u>		<u>Groundnut(in shell)</u>	
United States of America	81	China	14
Brazil	59	India	7
Argentina	46	Nigeria	4
China	16	United States of America	2
India	10	Myanmar	1

5.28 Leading Soybean and Groundnut Products Exporting Countries, 2007

Country	Value (million US\$)	Country	Value (million US\$)
<u>Soybeans</u>		<u>Groundnuts (shelled)</u>	
United States of America	10 016	China	281
Brazil	6 709	India	255
Argentina	3 435	United States of America	176

5.29 Coffee production and Related Growth Rates

World/Region	Production								Average annual rate of growth		
	(Thousand tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	5 537.0	7 562.7	7 358.9	8 249.0	100.0	100.0	100.0	100.0	6.4	-0.5	3.9
Africa	1 126.5	1 231.8	900.2	898.9	20.3	16.3	12.2	10.9	1.8	-6.1	-0.0
Eastern	679.8	633.6	521.5	683.9	12.3	8.4	7.1	8.3	-1.4	-3.8	9.5
Middle	177.3	156.9	91.8	79.5	3.2	2.1	1.2	1.0	-2.4	-10.2	-4.7
Northern	...	...	...	...	...	...	...	...	...	...	...
Southern	...	...	...	...	...	...	...	...	...	...	...
Western	269.4	441.3	286.9	135.6	4.9	5.8	3.9	1.6	10.4	-8.3	-22.1
Asia	1 131.5	1 948.4	2 034.4	2 295.7	20.4	25.8	27.6	27.8	11.5	0.9	4.1
Central	...	...	...	...	...	...	...	...	...	...	...
Eastern	3.2	11.6	21.9	26.5	0.1	0.2	0.3	0.3	29.3	13.6	6.5
South-Eastern	927.8	1 623.6	1 717.7	1 982.5	16.8	21.5	23.3	24.0	11.8	1.1	4.9
Southern	191.5	301.9	283.5	268.0	3.5	4.0	3.9	3.2	9.5	-1.2	-1.9
Western	9.0	11.4	11.3	18.8	0.2	0.2	0.2	0.2	4.8	-0.1	18.4
America	3 219.3	4 299.4	4 348.1	4 978.8	58.1	56.9	59.1	60.4	6.0	0.2	4.6
Caribbean	107.7	103.7	97.4	94.9	1.9	1.4	1.3	1.2	-0.7	-1.2	-0.9
Central	1 023.1	1 211.6	1 055.6	987.9	18.5	16.0	14.3	12.0	3.4	-2.7	-2.2
Northern	2.0	4.0	3.7	4.0	0.0	0.1	0.1	0.0	15.0	-1.2	2.0
Southern	2 086.6	2 980.1	3 191.4	3 892.2	37.7	39.4	43.4	47.2	7.4	1.4	6.8
Europe	...	...	...	...	...	...	...	...	...	...	...
Eastern	...	...	...	...	...	...	...	...	...	...	...
Northern	...	...	...	...	...	...	...	...	...	...	...
Southern	...	...	...	...	...	...	...	...	...	...	...
Western	...	...	...	...	...	...	...	...	...	...	...
Oceania	59.7	83.1	76.2	75.5	1.1	1.1	1.0	0.9	6.8	-1.7	-0.3
Australia and New Zealand	...	...	...	...	...	...	...	...	...	...	...
Melanesia	59.7	83.1	76.2	75.5	1.1	1.1	1.0	0.9	6.8	-1.7	-0.3
Micronesia	...	...	...	...	...	...	...	...	...	...	...
Polynesia	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.4	-3.2	2.5
Developed countries	2.0	4.0	3.7	4.0	0.0	0.1	0.1	0.0	15.0	-1.2	2.0
Africa	...	...	...	...	...	...	...	...	...	...	...
America	2.0	4.0	3.7	4.0	0.0	0.1	0.1	0.0	15.0	-1.2	2.0
Asia	...	...	...	...	...	...	...	...	...	...	...
Europe	...	...	...	...	...	...	...	...	...	...	...
Oceania	...	...	...	...	...	...	...	...	...	...	...
Developing countries	5 535.1	7 558.8	7 355.2	8 245.1	100.0	99.9	99.9	100.0	6.4	-0.5	3.9
Africa	1 126.5	1 231.8	900.2	898.9	20.3	16.3	12.2	10.9	1.8	-6.1	-0.0
America	3 217.4	4 295.5	4 344.3	4 974.9	58.1	56.8	59.0	60.3	6.0	0.2	4.6
Asia	1 131.5	1 948.4	2 034.4	2 295.7	20.4	25.8	27.6	27.8	11.5	0.9	4.1
Oceania	59.7	83.1	76.2	75.5	1.1	1.1	1.0	0.9	6.8	-1.7	-0.3
Europe	...	...	...	...	...	...	...	...	...	...	...
Special Groupings											
Near East*	9.0	11.4	11.3	18.8	0.2	0.2	0.2	0.2	4.8	-0.1	18.4
Near East & North Africa	9.0	11.4	11.3	18.8	0.2	0.2	0.2	0.2	4.8	-0.1	18.4
Sub-Saharan Africa**	1 126.5	1 231.8	900.2	898.9	20.3	16.3	12.2	10.9	1.8	-6.1	-0.0
East-SouthEastAsia***	927.8	1 623.6	1 717.7	1 982.5	16.8	21.5	23.3	24.0	11.8	1.1	4.9
Lat.America&Caribbean	3 217.4	4 295.5	4 344.3	4 974.9	58.1	56.8	59.0	60.3	6.0	0.2	4.6

* In Africa and Asia ** Excluding South Africa *** Excluding China

5.30 Leading Coffee Producing Countries, 2008

Country	Production	Country	Production
	(thousand tonnes)		(thousand tonnes)
Brazil	2 797	Ethiopia	273
Viet Nam	1 067	Mexico	266
Colombia	689	India	262
Indonesia	683	Guatemala	249
Peru	274	Uganda	212

5.31 Leading Coffee Exporting Countries, 2007

Country	Quantity	Value
	(Thousand tonnes)	(million US\$)
Brazil	1 488	3 378
Viet Nam	1 229	1 911
Colombia	637	1 729

5.32 Cocoa beans production and Related Growth Rates

	Production								Average annual rate of growth		
World/Region	(Thousand tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
	Production										
WORLD	2 991.2	3 371.9	4 052.7	4 287.9	100.0	100.0	100.0	100.0	2.4	3.7	1.9
Africa	1 909.8	2 349.8	2 833.4	2 897.1	63.8	69.7	69.9	67.6	4.2	3.8	0.7
Eastern	8.7	10.5	15.9	21.5	0.3	0.3	0.4	0.5	3.7	8.7	10.7
Middle	153.0	139.6	190.5	199.0	5.1	4.1	4.7	4.6	-1.8	6.4	1.5
Northern	...	...	...	...	...	...	...	...	...	...	...
Southern	...	...	...	...	...	...	...	...	...	...	...
Western	1 748.1	2 199.8	2 627.0	2 676.6	58.4	65.2	64.8	62.4	4.7	3.6	0.6
Asia	427.6	508.5	688.5	839.1	14.3	15.1	17.0	19.6	3.5	6.2	6.8
Central	...	...	...	...	...	...	...	...	...	...	...
Eastern	...	...	...	...	...	...	...	...	...	...	...
South-Eastern	418.3	498.5	677.3	826.8	14.0	14.8	16.7	19.3	3.6	6.3	6.9
Southern	9.4	10.1	11.1	12.3	0.3	0.3	0.3	0.3	1.5	2.0	3.3
Western	...	...	...	...	...	...	...	...	...	...	...
America	620.0	462.3	476.6	497.3	20.7	13.7	11.8	11.6	-5.7	0.6	1.4
Caribbean	79.5	48.8	41.2	54.5	2.7	1.4	1.0	1.3	-9.3	-3.3	9.8
Central	57.8	34.4	49.2	42.3	1.9	1.0	1.2	1.0	-9.8	7.4	-4.9
Northern	...	...	...	...	...	...	...	...	...	...	...
Southern	482.7	379.1	386.2	400.5	16.1	11.2	9.5	9.3	-4.7	0.4	1.2
Europe	...	...	...	...	...	...	...	...	...	...	...
Eastern	...	...	...	...	...	...	...	...	...	...	...
Northern	...	...	...	...	...	...	...	...	...	...	...
Southern	...	...	...	...	...	...	...	...	...	...	...
Western	...	...	...	...	...	...	...	...	...	...	...
Oceania	33.8	51.2	54.2	54.4	1.1	1.5	1.3	1.3	8.7	1.1	0.1
Australia and New Zealand	...	...	...	...	...	...	...	...	...	...	...
Melanesia	33.4	50.7	53.7	53.8	1.1	1.5	1.3	1.3	8.7	1.2	0.1
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	...	2.0
Polynesia	0.4	0.5	0.5	0.5	0.0	0.0	0.0	0.0	4.6	...	2.0
Developed countries	...	...	...	...	...	...	...	...	...	...	...
Africa	...	...	...	...	...	...	...	...	...	...	...
America	...	...	...	...	...	...	...	...	...	...	...
Asia	...	...	...	...	...	...	...	...	...	...	...
Europe	...	...	...	...	...	...	...	...	...	...	...
Oceania	...	...	...	...	...	...	...	...	...	...	...
Developing countries	2 991.2	3 371.9	4 052.7	4 287.9	100.0	100.0	100.0	100.0	2.4	3.7	1.9
Africa	1 909.8	2 349.8	2 833.4	2 897.1	63.8	69.7	69.9	67.6	4.2	3.8	0.7
America	620.0	462.3	476.6	497.3	20.7	13.7	11.8	11.6	-5.7	0.6	1.4
Asia	427.6	508.5	688.5	839.1	14.3	15.1	17.0	19.6	3.5	6.2	6.8
Oceania	33.8	51.2	54.2	54.4	1.1	1.5	1.3	1.3	8.7	1.1	0.1
Europe	...	...	...	...	...	...	...	...	...	...	...
Special Groupings	...	...	...	...	...	...	...	...	...	...	...
Near East*	...	...	...	...	...	...	...	...	...	...	...
Near East & North Africa	...	...	...	...	...	...	...	...	...	...	...
Sub-Saharan Africa**	1 909.8	2 349.8	2 833.4	2 897.1	63.8	69.7	69.9	67.6	4.2	3.8	0.7
East-SouthEastAsia***	418.3	498.5	677.3	826.8	14.0	14.8	16.7	19.3	3.6	6.3	6.9
Lat.America&Caribbean	620.0	462.3	476.6	497.3	20.7	13.7	11.8	11.6	-5.7	0.6	1.4

* In Africa and Asia ** Excluding South Africa *** Excluding China

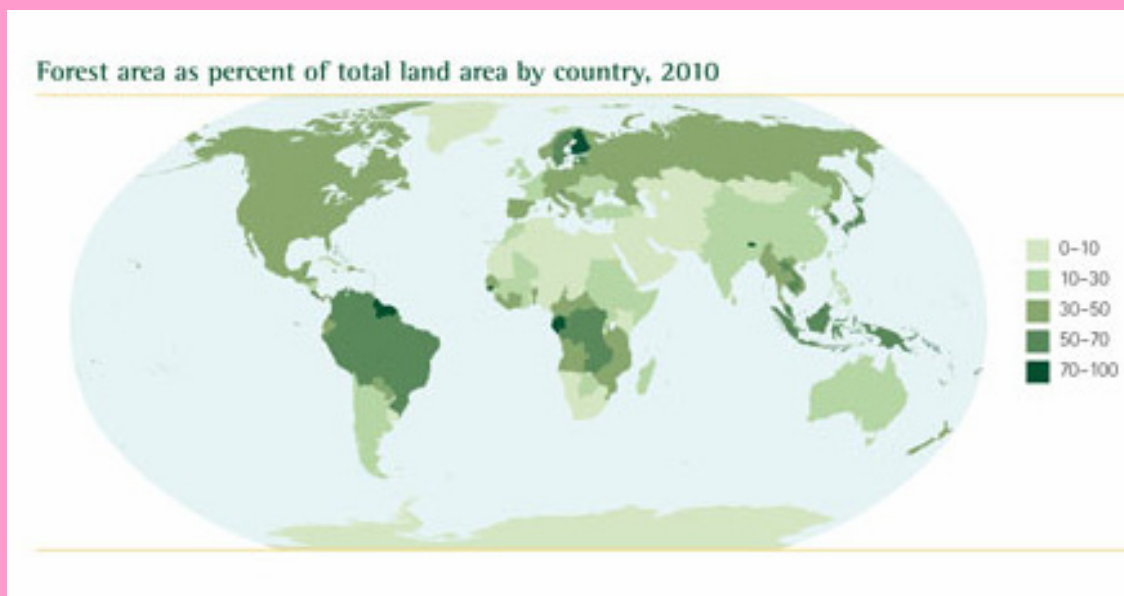
5.33 Leading Cocoa Beans Producing Countries, 2008

Country	Production (thousand tonnes)	Country	Production (thousand tonnes)
Côte d'Ivoire	1 370	Cameroon	188
Indonesia	793	Ecuador	94
Ghana	700	Togo	80
Nigeria	500	Papua New Guinea	49
Brazil	202	Colombia	45

5.34 Leading Cocoa Beans Exporting Countries, 2007

Country	Quantity (Thousand tonnes)	Value (million US\$)
Côte d'Ivoire	804	1 437
Ghana	506	896
Indonesia	380	623

FORESTRY PRODUCTION AND TRADE



Source: FAO Forestry Department

6.1 Roundwood production and Related Growth Rates

	Production								Average annual rate of growth		
World/Region	(million m ³)				Share in total World (%)				(%)		
	1995	2000	2005	2009	1995	2000	2005	2009	1995-2000	2000-2005	2005-2009
	Production										
WORLD	3 290.3	3 430.1	3 559.5	3 290.9	100.0	100.0	100.0	100.0	0.8	0.7	-1.9
Africa	568.3	594.9	636.3	684.8	17.3	17.3	17.9	20.8	0.9	1.4	1.9
Eastern	232.1	246.0	269.7	279.9	7.1	7.2	7.6	8.5	1.2	1.9	0.9
Middle	93.9	100.2	109.5	118.8	2.9	2.9	3.1	3.6	1.3	1.8	2.1
Northern	45.0	46.6	48.8	50.6	1.4	1.4	1.4	1.5	0.7	0.9	0.9
Southern	35.7	34.3	33.9	40.7	1.1	1.0	1.0	1.2	-0.8	-0.2	4.6
Western	161.7	167.9	174.4	195.0	4.9	4.9	4.9	5.9	0.7	0.8	2.8
Asia	1 098.4	1 065.1	1 038.2	999.1	33.4	31.1	29.2	30.4	-0.6	-0.5	-1.0
Central	0.3	0.7	1.0	0.4	0.0	0.0	0.0	0.0	16.4	6.7	-20.3
Eastern	385.1	353.4	331.2	322.9	11.7	10.3	9.3	9.8	-1.7	-1.3	-0.6
South-Eastern	295.3	306.9	273.4	234.1	9.0	8.9	7.7	7.1	0.8	-2.3	-3.8
Southern	397.7	387.3	414.9	420.4	12.1	11.3	11.7	12.8	-0.5	1.4	0.3
Western	20.1	16.8	17.8	21.3	0.6	0.5	0.5	0.6	-3.5	1.1	4.7
America	1 055.1	1 093.4	1 134.1	934.8	32.1	31.9	31.9	28.4	0.7	0.7	-4.7
Caribbean	7.1	5.6	6.4	6.3	0.2	0.2	0.2	0.2	-4.7	2.5	-0.4
Central	82.5	88.0	88.0	89.8	2.5	2.6	2.5	2.7	1.3	0.0	0.5
Northern	658.3	668.4	670.5	452.1	20.0	19.5	18.8	13.7	0.3	0.1	-9.4
Southern	307.2	331.3	369.3	386.6	9.3	9.7	10.4	11.7	1.5	2.2	1.2
Europe	516.8	616.8	689.7	603.9	15.7	18.0	19.4	18.4	3.6	2.3	-3.3
Eastern	189.9	244.6	291.5	262.0	5.8	7.1	8.2	8.0	5.2	3.6	-2.6
Northern	151.5	167.9	198.6	150.0	4.6	4.9	5.6	4.6	2.1	3.4	-6.8
Southern	45.9	51.8	51.3	50.0	1.4	1.5	1.4	1.5	2.4	-0.2	-0.6
Western	129.5	152.6	148.2	141.9	3.9	4.4	4.2	4.3	3.3	-0.6	-1.1
Oceania	51.7	59.9	61.1	68.3	1.6	1.7	1.7	2.1	3.0	0.4	2.8
Australia and New Zealand	41.2	50.5	50.9	55.1	1.3	1.5	1.4	1.7	4.1	0.2	2.0
Melanesia	10.3	9.3	10.0	13.1	0.3	0.3	0.3	0.4	-2.0	1.5	6.9
Micronesia	...	...	...	0.0	...	...	...	0.0	...	...	...
Polynesia	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-7.5	-0.4	-1.0
Developed countries	1 239.3	1 353.8	1 427.4	1 128.9	37.7	39.5	40.1	34.3	1.8	1.1	-5.7
Africa											
America	658.3	668.4	670.5	452.1	20.0	19.5	18.8	13.7	0.3	0.1	-9.4
Asia	23.1	18.1	16.3	17.8	0.7	0.5	0.5	0.5	-4.7	-2.1	2.3
Europe	516.8	616.8	689.7	603.9	15.7	18.0	19.4	18.4	3.6	2.3	-3.3
Oceania	41.2	50.5	50.9	55.1	1.3	1.5	1.4	1.7	4.1	0.2	2.0
Developing countries	2 051.0	2 076.3	2 132.1	2 162.0	62.3	60.5	59.9	65.7	0.2	0.5	0.3
Africa	568.3	594.9	636.3	684.8	17.3	17.3	17.9	20.8	0.9	1.4	1.9
America	396.8	425.0	463.7	482.7	12.1	12.4	13.0	14.7	1.4	1.8	1.0
Asia	1 075.3	1 047.0	1 022.0	981.3	32.7	30.5	28.7	29.8	-0.5	-0.5	-1.0
Oceania	10.5	9.4	10.1	13.2	0.3	0.3	0.3	0.4	-2.0	1.4	6.8
Europe											
Special Groupings											
Near East*	58.5	56.8	58.8	63.7	1.8	1.7	1.7	1.9	-0.6	0.7	2.0
Near East & North Africa	69.1	67.4	69.9	75.2	2.1	2.0	2.0	2.3	-0.5	0.7	1.9
Sub-Saharan Africa**	509.6	536.5	577.2	618.3	15.5	15.6	16.2	18.8	1.0	1.5	1.7
East-SouthEastAsia***	328.3	336.7	302.6	265.1	10.0	9.8	8.5	8.1	0.5	-2.1	-3.2
Lat.America&Caribbean	396.8	425.0	463.7	482.7	12.1	12.4	13.0	14.7	1.4	1.8	1.0

* In Africa and Asia ** Excluding South Africa *** Excluding China

6.2 Exports of Round Wood

World/Region	Quantity								Average annual rate of growth		
	(million m ³)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
Exports											
WORLD	90.8	118.5	133.1	122.0	100.0	100.0	100.0	100.0	5.5	2.4	-2.9
Africa	4.3	6.1	4.4	3.5	4.8	5.1	3.3	2.8	6.9	-6.1	-7.9
Eastern	0.0	0.1	0.2	0.1	0.0	0.1	0.2	0.1	27.8	12.1	-30.9
Middle	3.5	4.6	3.6	2.9	3.9	3.8	2.7	2.4	5.1	-4.5	-7.3
Northern	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-32.1	113.7	23.8
Southern	0.2	0.3	0.3	0.3	0.2	0.3	0.2	0.2	7.4	-3.4	2.6
Western	0.5	1.1	0.3	0.2	0.6	0.9	0.2	0.2	14.4	-23.0	-10.7
Asia	10.6	11.4	9.2	8.0	11.7	9.6	6.9	6.5	1.4	-4.2	-4.5
Central	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0	284.4	-65.7	18.5
Eastern	0.8	1.0	0.8	0.8	0.9	0.8	0.6	0.7	2.7	-3.1	0.6
South-Eastern	9.7	9.6	8.1	7.1	10.7	8.1	6.1	5.8	-0.1	-3.4	-4.5
Southern	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	70.8	-1.7	-40.7
Western	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.5	7.4	-21.5
America	19.6	17.9	18.2	18.0	21.6	15.1	13.7	14.8	-1.7	0.3	-0.4
Caribbean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-37.5	98.6	-48.2
Central	0.1	0.1	0.2	0.4	0.1	0.1	0.2	0.3	-6.4	27.4	13.6
Northern	14.3	15.2	15.9	13.4	15.8	12.8	11.9	11.0	1.2	0.9	-5.5
Southern	5.2	2.7	2.1	4.3	5.7	2.3	1.6	3.5	-12.3	-4.9	27.1
Europe	47.0	73.7	92.4	81.3	51.8	62.2	69.4	66.6	9.4	4.6	-4.2
Eastern	23.4	40.2	60.0	48.2	25.7	33.9	45.1	39.5	11.5	8.3	-7.0
Northern	10.9	13.8	13.7	12.8	12.0	11.6	10.3	10.5	4.8	-0.1	-2.2
Southern	1.9	1.9	3.2	4.8	2.1	1.6	2.4	4.0	-0.3	11.1	14.7
Western	10.8	17.8	15.5	15.4	11.9	15.0	11.7	12.7	10.5	-2.7	-0.2
Oceania	9.3	9.5	8.9	11.3	10.2	8.0	6.7	9.3	0.5	-1.1	8.1
Australia and New Zealand	5.7	7.0	5.9	7.7	6.3	5.9	4.4	6.4	4.4	-3.5	9.6
Melanesia	3.6	2.4	3.0	3.5	3.9	2.0	2.3	2.9	-7.5	4.7	5.2
Micronesia	...	...	...	...	...	...	...	...	...	...	...
Polynesia	...	...	...	...	...	...	...	...	...	...	...
Developed countries	67.0	95.9	114.1	102.4	73.8	80.9	85.8	84.0	7.4	3.5	-3.5
Africa	...	...	...	...	...	...	...	...	...	...	...
America	14.3	15.2	15.9	13.4	15.8	12.8	11.9	11.0	1.2	0.9	-5.5
Asia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.6	44.2	27.4
Europe	47.0	73.7	92.4	81.3	51.8	62.2	69.4	66.6	9.4	4.6	-4.2
Oceania	5.7	7.0	5.9	7.7	6.3	5.9	4.4	6.4	4.4	-3.5	9.6
Developing countries	23.8	22.6	18.9	19.6	26.2	19.1	14.2	16.0	-1.0	-3.5	1.1
Africa	4.3	6.1	4.4	3.5	4.8	5.1	3.3	2.8	6.9	-6.1	-7.9
America	5.3	2.7	2.3	4.6	5.8	2.3	1.8	3.8	-12.2	-3.2	25.7
Asia	10.6	11.4	9.1	7.9	11.7	9.6	6.9	6.5	1.4	-4.2	-4.6
Oceania	3.6	2.4	3.1	3.5	3.9	2.1	2.3	2.9	-7.4	4.6	5.1
Europe	...	...	...	...	...	...	...	...	...	...	...
Special Groupings	...	...	...	...	...	...	...	...	...	...	...
Near East*	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	-37.5	85.7	-29.6
Near East & North Africa	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	-37.5	86.1	-27.5
Sub-Saharan Africa**	4.1	5.8	4.2	3.2	4.6	4.9	3.1	2.6	6.9	-6.3	-8.6
East-SouthEastAsia***	9.8	9.9	8.3	7.2	10.8	8.3	6.2	5.9	0.1	-3.5	-4.3
Lat.America&Caribbean	5.3	2.7	2.3	4.6	5.8	2.3	1.8	3.8	-12.2	-3.2	25.7

* In Africa and Asia ** Excluding South Africa *** Excluding China

6.3 Imports of Round Wood

World/Region	Quantity								Average annual rate of growth		
	(million m ³)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
Imports											
WORLD	96.1	117.4	136.2	123.5	100.0	100.0	100.0	100.0	4.1	3.0	-3.2
Africa	0.9	0.8	1.1	0.8	1.0	0.7	0.8	0.6	-3.3	6.9	-11.5
Eastern	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	24.4	19.5	5.9
Middle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-13.3	63.5	42.6
Northern	0.8	0.6	0.9	0.6	0.8	0.6	0.7	0.5	-3.3	7.7	-14.5
Southern	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-36.6	23.1	17.3
Western	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	32.6	-9.2	-16.2
Asia	40.3	45.3	56.6	55.4	42.0	38.6	41.5	44.8	2.3	4.6	-0.7
Central	0.0	0.2	0.4	0.2	0.0	0.1	0.3	0.2	158.0	20.6	-15.1
Eastern	36.4	38.4	47.8	49.8	37.9	32.7	35.1	40.3	1.0	4.5	1.4
South-Eastern	2.4	2.0	1.2	0.8	2.5	1.7	0.8	0.7	-3.5	-10.8	-10.9
Southern	0.5	2.6	4.4	2.2	0.5	2.2	3.2	1.8	39.2	11.0	-20.6
Western	1.0	2.1	2.8	2.3	1.0	1.8	2.1	1.9	16.9	6.0	-6.3
America	7.9	9.3	10.4	6.7	8.2	7.9	7.7	5.5	3.3	2.4	-13.5
Caribbean	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	-7.6	14.1	12.0
Central	0.1	0.0	0.2	0.2	0.1	0.0	0.1	0.2	-14.8	29.2	10.6
Northern	7.6	9.1	10.1	6.3	7.9	7.8	7.4	5.1	3.7	2.1	-14.6
Southern	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-14.9	6.7	7.1
Europe	46.9	62.1	68.1	60.6	48.8	52.9	50.0	49.1	5.8	1.9	-3.8
Eastern	2.6	3.0	5.1	5.2	2.7	2.6	3.7	4.2	3.0	10.9	1.2
Northern	21.7	26.9	33.6	25.3	22.6	22.9	24.7	20.5	4.3	4.6	-9.0
Southern	9.5	12.5	10.6	9.1	9.9	10.7	7.7	7.4	5.7	-3.4	-4.7
Western	13.1	19.7	18.9	20.9	13.6	16.8	13.8	16.9	8.5	-0.9	3.5
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	20.6	-16.5
Australia and New Zealand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	-12.7	22.4
Melanesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	62.8	-26.9
Micronesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Polynesia					...	...	...	...	...	...	...
								
Developed countries	76.5	87.2	88.9	73.6	79.6	74.2	65.2	59.6	2.7	0.4	-6.1
Africa											
America	7.6	9.1	10.1	6.3	7.9	7.8	7.4	5.1	3.7	2.1	-14.6
Asia	21.9	15.9	10.7	6.8	22.8	13.6	7.8	5.5	-6.2	-7.7	-14.0
Europe	46.9	62.1	68.1	60.6	48.8	52.9	50.0	49.1	5.8	1.9	-3.8
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	-12.7	22.4
Developing countries	19.6	30.3	47.4	49.8	20.4	25.8	34.8	40.4	9.1	9.4	1.7
Africa	0.9	0.8	1.1	0.8	1.0	0.7	0.8	0.6	-3.3	6.9	-11.5
America	0.3	0.1	0.3	0.5	0.3	0.1	0.2	0.4	-12.1	18.4	10.6
Asia	18.4	29.3	45.9	48.6	19.1	25.0	33.7	39.4	9.8	9.4	1.9
Oceania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	44.8	-26.5
Europe											
Special Groupings											
Near East*	1.0	2.2	2.9	2.4	1.1	1.8	2.1	1.9	16.1	6.1	-6.2
Near East & North Africa	1.6	2.6	3.7	2.9	1.7	2.2	2.7	2.3	9.8	7.2	-8.4
Sub-Saharan Africa**	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	23.2	-0.5	-1.5
East-SouthEastAsia***	32.7	24.7	18.0	12.6	34.0	21.1	13.2	10.2	-5.4	-6.1	-11.4
Lat.America&Caribbean	0.3	0.1	0.3	0.5	0.3	0.1	0.2	0.4	-12.1	18.4	10.6

* In Africa and Asia ** Excluding South Africa *** Excluding China

FISHERY PRODUCTION AND TRADE

World fish utilization and supply

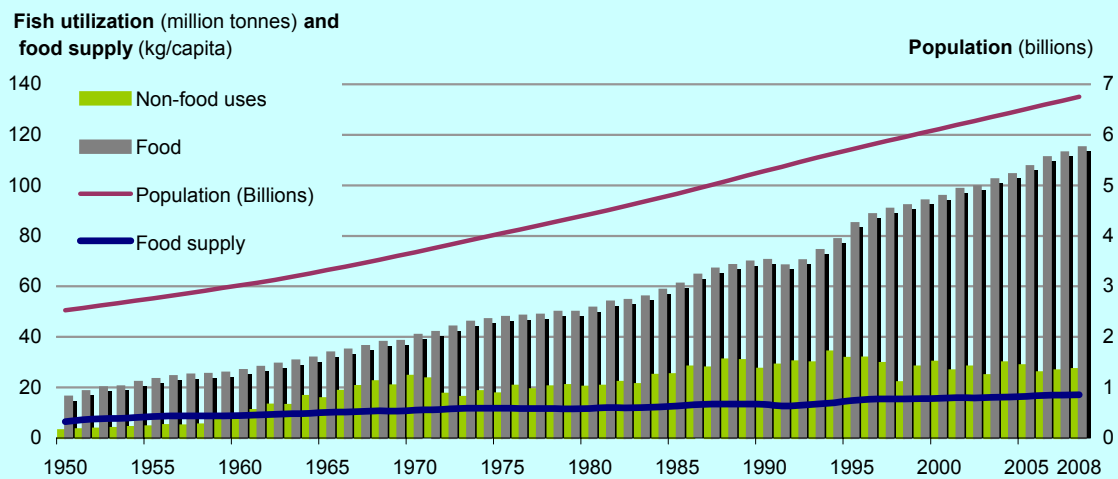


Table 7.1 Fish Production

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
WORLD	116.7	125.9	136.4	142.3	100.0	100.0	100.0	100.0	1.5	1.6	1.4
<i>Inland</i>	<i>21.3</i>	<i>27.9</i>	<i>36.2</i>	<i>43.1</i>	<i>18.2</i>	<i>22.1</i>	<i>26.6</i>	<i>30.3</i>	<i>5.6</i>	<i>5.4</i>	<i>6.0</i>
<i>Marine</i>	<i>95.4</i>	<i>98.0</i>	<i>100.1</i>	<i>99.2</i>	<i>81.8</i>	<i>77.9</i>	<i>73.4</i>	<i>69.7</i>	<i>0.5</i>	<i>0.4</i>	<i>- 0.3</i>
Africa	6.0	7.2	8.2	8.2	5.1	5.7	6.0	5.8	3.6	2.8	- 0.3
<i>Inland</i>	<i>2.1</i>	<i>2.5</i>	<i>3.1</i>	<i>3.4</i>	<i>1.8</i>	<i>2.0</i>	<i>2.3</i>	<i>2.4</i>	<i>3.8</i>	<i>4.0</i>	<i>3.7</i>
<i>Marine</i>	<i>3.9</i>	<i>4.6</i>	<i>5.2</i>	<i>4.8</i>	<i>3.4</i>	<i>3.7</i>	<i>3.8</i>	<i>3.3</i>	<i>3.5</i>	<i>2.2</i>	<i>- 2.8</i>
Eastern	1.2	1.2	1.6	1.6	1.0	1.0	1.1	1.1	1.0	5.2	0.6
<i>Inland</i>	<i>0.9</i>	<i>0.9</i>	<i>1.1</i>	<i>1.2</i>	<i>0.8</i>	<i>0.7</i>	<i>0.8</i>	<i>0.8</i>	<i>- 0.1</i>	<i>3.9</i>	<i>2.0</i>
<i>Marine</i>	<i>0.2</i>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.3</i>	<i>4.8</i>	<i>9.0</i>	<i>- 3.0</i>
Middle	0.6	0.8	0.8	0.8	0.5	0.6	0.6	0.6	6.9	- 1.0	3.5
<i>Inland</i>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>5.9</i>	<i>- 0.4</i>	<i>- 0.9</i>
<i>Marine</i>	<i>0.2</i>	<i>0.4</i>	<i>0.3</i>	<i>0.4</i>	<i>0.2</i>	<i>0.3</i>	<i>0.2</i>	<i>0.3</i>	<i>8.2</i>	<i>- 1.7</i>	<i>8.7</i>
Northern	1.5	1.9	2.3	2.4	1.3	1.5	1.7	1.7	5.0	3.0	2.5
<i>Inland</i>	<i>0.4</i>	<i>0.6</i>	<i>0.8</i>	<i>1.0</i>	<i>0.3</i>	<i>0.5</i>	<i>0.6</i>	<i>0.7</i>	<i>12.4</i>	<i>5.4</i>	<i>6.0</i>
<i>Marine</i>	<i>1.2</i>	<i>1.3</i>	<i>1.4</i>	<i>1.4</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>2.2</i>	<i>1.7</i>	<i>0.2</i>
Southern	1.2	1.2	1.4	1.0	1.0	1.0	1.0	0.7	1.5	2.1	- 9.5
<i>Inland</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>6.9</i>	<i>3.3</i>	<i>- 0.4</i>
<i>Marine</i>	<i>1.1</i>	<i>1.2</i>	<i>1.4</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>0.7</i>	<i>1.4</i>	<i>2.1</i>	<i>- 9.5</i>
Western	1.6	2.0	2.3	2.3	1.4	1.6	1.7	1.6	4.3	3.1	0.1
<i>Inland</i>	<i>0.5</i>	<i>0.5</i>	<i>0.7</i>	<i>0.8</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>	<i>0.6</i>	<i>1.5</i>	<i>5.8</i>	<i>6.6</i>
<i>Marine</i>	<i>1.1</i>	<i>1.5</i>	<i>1.6</i>	<i>1.5</i>	<i>1.0</i>	<i>1.2</i>	<i>1.2</i>	<i>1.0</i>	<i>5.4</i>	<i>2.1</i>	<i>- 2.8</i>
America	28.5	27.1	26.9	23.9	24.4	21.6	19.7	16.8	- 1.0	- 0.2	- 3.9
<i>Inland</i>	<i>1.0</i>	<i>1.2</i>	<i>1.3</i>	<i>1.3</i>	<i>0.8</i>	<i>0.9</i>	<i>1.0</i>	<i>0.9</i>	<i>3.2</i>	<i>3.1</i>	<i>- 1.2</i>
<i>Marine</i>	<i>27.5</i>	<i>26.0</i>	<i>25.5</i>	<i>22.6</i>	<i>23.6</i>	<i>20.6</i>	<i>18.7</i>	<i>15.9</i>	<i>- 1.1</i>	<i>- 0.4</i>	<i>- 4.0</i>
Caribbean	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	2.2	- 8.0	5.9
<i>Inland</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.7</i>	<i>- 6.3</i>	<i>11.4</i>
<i>Marine</i>	<i>0.2</i>	<i>0.2</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>2.6</i>	<i>- 8.3</i>	<i>4.7</i>
Central	1.7	1.8	1.9	2.2	1.4	1.4	1.4	1.6	1.4	1.4	5.2
<i>Inland</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.1</i>	<i>0.8</i>	<i>6.8</i>	<i>- 3.9</i>
<i>Marine</i>	<i>1.5</i>	<i>1.6</i>	<i>1.7</i>	<i>2.0</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.4</i>	<i>1.5</i>	<i>0.8</i>	<i>6.2</i>
Northern	6.7	6.5	6.9	6.2	5.7	5.1	5.1	4.3	- 0.7	1.3	- 3.7
<i>Inland</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>2.6</i>	<i>1.2</i>	<i>- 3.3</i>
<i>Marine</i>	<i>6.3</i>	<i>6.1</i>	<i>6.5</i>	<i>5.8</i>	<i>5.4</i>	<i>4.8</i>	<i>4.7</i>	<i>4.1</i>	<i>- 0.9</i>	<i>1.3</i>	<i>- 3.7</i>
Southern	19.9	18.6	17.9	15.3	17.1	14.8	13.1	10.7	- 1.3	- 0.8	- 5.1
<i>Inland</i>	<i>0.4</i>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>	<i>0.5</i>	<i>4.5</i>	<i>3.9</i>	<i>0.3</i>
<i>Marine</i>	<i>19.5</i>	<i>18.1</i>	<i>17.2</i>	<i>14.6</i>	<i>16.7</i>	<i>14.4</i>	<i>12.6</i>	<i>10.3</i>	<i>- 1.5</i>	<i>- 1.0</i>	<i>- 5.3</i>
Asia	62.0	71.9	83.6	93.6	53.2	57.1	61.3	65.8	3.0	3.0	3.8
<i>Inland</i>	<i>17.3</i>	<i>23.3</i>	<i>31.0</i>	<i>37.5</i>	<i>14.9</i>	<i>18.5</i>	<i>22.7</i>	<i>26.4</i>	<i>6.1</i>	<i>5.9</i>	<i>6.6</i>
<i>Marine</i>	<i>44.7</i>	<i>48.6</i>	<i>52.6</i>	<i>56.0</i>	<i>38.3</i>	<i>38.6</i>	<i>38.6</i>	<i>39.4</i>	<i>1.7</i>	<i>1.6</i>	<i>2.1</i>
Central	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	- 5.0	- 0.0	9.5
<i>Inland</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>	<i>0.1</i>	<i>- 5.0</i>	<i>- 0.0</i>	<i>9.5</i>
<i>Marine</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

Note: Including aquaculture production; excluding aquatic plants

7.1b Fish Production

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
Eastern	39.8	45.9	51.6	56.7	34.1	36.4	37.8	39.8	2.9	2.4	3.2
<i>Inland</i>	11.4	15.5	19.9	23.3	9.8	12.3	14.6	16.3	6.3	5.1	5.4
<i>Marine</i>	28.4	30.4	31.7	33.4	24.3	24.1	23.3	23.5	1.4	0.9	1.8
South-Eastern	13.7	16.0	20.4	23.7	11.7	12.7	14.9	16.7	3.2	4.9	5.2
<i>Inland</i>	2.4	3.2	5.1	7.2	2.1	2.5	3.7	5.0	5.5	10.0	12.0
<i>Marine</i>	11.3	12.9	15.3	16.6	9.7	10.2	11.2	11.6	2.7	3.5	2.8
Southern	7.3	8.8	10.3	11.8	6.3	7.0	7.6	8.3	3.8	3.3	4.6
<i>Inland</i>	3.3	4.4	5.8	6.9	2.8	3.5	4.2	4.8	6.1	5.4	5.9
<i>Marine</i>	4.0	4.4	4.6	5.0	3.4	3.5	3.4	3.5	1.7	1.0	2.8
Western	1.2	1.2	1.3	1.3	1.0	0.9	0.9	0.9	- 0.1	1.5	0.1
<i>Inland</i>	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	3.8	4.0	3.1
<i>Marine</i>	1.0	1.0	1.1	1.1	0.9	0.8	0.8	0.7	- 0.6	1.1	- 0.4
Europe	18.8	18.2	15.9	15.3	16.1	14.5	11.7	10.8	- 0.6	- 2.6	- 1.4
<i>Inland</i>	0.8	0.9	0.8	0.8	0.7	0.7	0.6	0.6	1.1	- 1.7	0.1
<i>Marine</i>	17.9	17.3	15.1	14.5	15.4	13.8	11.1	10.2	- 0.7	- 2.7	- 1.4
Eastern	5.4	4.8	3.9	4.0	4.6	3.8	2.8	2.8	- 2.2	- 4.3	1.1
<i>Inland</i>	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	3.3	- 1.1	- 0.5
<i>Marine</i>	4.9	4.3	3.4	3.5	4.2	3.4	2.5	2.5	- 2.8	- 4.7	1.3
Northern	9.1	9.3	8.2	7.7	7.8	7.4	6.0	5.4	0.4	- 2.4	- 2.1
<i>Inland</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	- 4.1	- 1.2	- 0.4
<i>Marine</i>	9.0	9.2	8.1	7.6	7.7	7.3	6.0	5.4	0.5	- 2.4	- 2.1
Southern	2.5	2.3	2.0	2.1	2.1	1.8	1.5	1.5	- 1.5	- 2.5	1.4
<i>Inland</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	- 2.9	2.9
<i>Marine</i>	2.4	2.2	1.9	2.0	2.0	1.8	1.4	1.4	- 1.6	- 2.5	1.3
Western	1.8	1.8	1.8	1.5	1.5	1.4	1.3	1.0	0.1	0.3	- 6.8
<i>Inland</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	- 1.2	- 3.1	0.3
<i>Marine</i>	1.6	1.6	1.7	1.3	1.4	1.3	1.2	0.9	0.3	0.6	- 7.3
Oceania	1.1	1.2	1.6	1.3	0.9	1.0	1.2	0.9	1.7	5.8	- 7.1
<i>Inland</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
<i>Marine</i>	1.1	1.2	1.6	1.3	0.9	0.9	1.2	0.9	1.7	6.0	- 7.2
Australia & Zealand	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.6	0.2	1.5	- 4.9
<i>Inland</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.6	0.9
<i>Marine</i>	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.6	0.2	1.5	- 5.0
Melanesia	0.2	0.2	0.5	0.4	0.2	0.2	0.4	0.3	5.0	16.2	- 11.4
<i>Inland</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	- 3.2	- 1.3
<i>Marine</i>	0.2	0.2	0.5	0.3	0.2	0.2	0.4	0.2	5.2	17.4	- 11.7
Micronesia	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	10.3	11.5	- 8.0
<i>Inland</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	- 52.4	214.1
<i>Marine</i>	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	10.4	11.6	- 8.0
Polynesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	- 0.5	- 0.1
<i>Inland</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	3.1
<i>Marine</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	- 0.1

Note: Including aquaculture production; excluding aquatic plants

7.1c Fish Production

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
Developed countries	33.1	31.4	28.8	27.3	28.4	24.9	21.1	19.2	- 1.1	- 1.7	- 1.8
<i>Inland</i>	<i>1.4</i>	<i>1.4</i>	<i>1.3</i>	<i>1.3</i>	<i>1.2</i>	<i>1.1</i>	<i>1.0</i>	<i>0.9</i>	<i>0.9</i>	<i>- 1.2</i>	<i>- 1.6</i>
<i>Marine</i>	<i>31.7</i>	<i>29.9</i>	<i>27.5</i>	<i>26.0</i>	<i>27.2</i>	<i>23.8</i>	<i>20.1</i>	<i>18.3</i>	<i>- 1.2</i>	<i>- 1.7</i>	<i>- 1.9</i>
Africa	-	-	-	-	-	-	-	-	-	-	-
<i>Inland</i>	-	-	-	-	-	-	-	-	-	-	-
<i>Marine</i>	-	-	-	-	-	-	-	-	-	-	-
America	6.7	6.5	6.9	6.2	5.7	5.1	5.1	4.3	- 0.7	1.3	- 3.7
<i>Inland</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>2.6</i>	<i>1.2</i>	<i>- 3.3</i>
<i>Marine</i>	<i>6.3</i>	<i>6.1</i>	<i>6.5</i>	<i>5.8</i>	<i>5.4</i>	<i>4.8</i>	<i>4.7</i>	<i>4.1</i>	<i>- 0.9</i>	<i>1.3</i>	<i>- 3.7</i>
Asia	6.8	5.8	5.0	5.0	5.8	4.6	3.7	3.5	- 3.0	- 2.8	- 0.4
<i>Inland</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>- 4.6</i>	<i>- 6.1</i>	<i>- 8.9</i>
<i>Marine</i>	<i>6.6</i>	<i>5.7</i>	<i>4.9</i>	<i>4.9</i>	<i>5.7</i>	<i>4.5</i>	<i>3.6</i>	<i>3.4</i>	<i>- 3.0</i>	<i>- 2.8</i>	<i>- 0.2</i>
Europe	18.8	18.2	15.9	15.3	16.1	14.5	11.7	10.8	- 0.6	- 2.6	- 1.4
<i>Inland</i>	<i>0.8</i>	<i>0.9</i>	<i>0.8</i>	<i>0.8</i>	<i>0.7</i>	<i>0.7</i>	<i>0.6</i>	<i>0.6</i>	<i>1.1</i>	<i>- 1.7</i>	<i>0.1</i>
<i>Marine</i>	<i>17.9</i>	<i>17.3</i>	<i>15.1</i>	<i>14.5</i>	<i>15.4</i>	<i>13.8</i>	<i>11.1</i>	<i>10.2</i>	<i>- 0.7</i>	<i>- 2.7</i>	<i>- 1.4</i>
Oceania	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.6	0.2	1.5	- 4.9
<i>Inland</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>1.3</i>	<i>1.6</i>	<i>0.9</i>
<i>Marine</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.8</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>0.6</i>	<i>0.2</i>	<i>1.5</i>	<i>- 5.0</i>
Developing countries	83.3	94.3	107.4	115.0	71.4	74.9	78.8	80.8	2.5	2.6	2.3
<i>Inland</i>	<i>19.9</i>	<i>26.5</i>	<i>34.9</i>	<i>41.8</i>	<i>17.1</i>	<i>21.0</i>	<i>25.6</i>	<i>29.4</i>	<i>5.9</i>	<i>5.7</i>	<i>6.2</i>
<i>Marine</i>	<i>63.4</i>	<i>67.9</i>	<i>72.6</i>	<i>73.1</i>	<i>54.3</i>	<i>53.9</i>	<i>53.2</i>	<i>51.4</i>	<i>1.4</i>	<i>1.4</i>	<i>0.3</i>
Africa	6.0	7.2	8.2	8.2	5.1	5.7	6.0	5.8	3.6	2.8	- 0.3
<i>Inland</i>	<i>2.1</i>	<i>2.5</i>	<i>3.1</i>	<i>3.4</i>	<i>1.8</i>	<i>2.0</i>	<i>2.3</i>	<i>2.4</i>	<i>3.8</i>	<i>4.0</i>	<i>3.7</i>
<i>Marine</i>	<i>3.9</i>	<i>4.6</i>	<i>5.2</i>	<i>4.8</i>	<i>3.4</i>	<i>3.7</i>	<i>3.8</i>	<i>3.3</i>	<i>3.5</i>	<i>2.2</i>	<i>- 2.8</i>
America	21.8	20.7	20.0	17.7	18.7	16.4	14.6	12.4	- 1.0	- 0.7	- 3.9
<i>Inland</i>	<i>0.6</i>	<i>0.7</i>	<i>0.9</i>	<i>0.9</i>	<i>0.5</i>	<i>0.6</i>	<i>0.7</i>	<i>0.6</i>	<i>3.5</i>	<i>4.1</i>	<i>- 0.2</i>
<i>Marine</i>	<i>21.2</i>	<i>19.9</i>	<i>19.0</i>	<i>16.8</i>	<i>18.1</i>	<i>15.8</i>	<i>14.0</i>	<i>11.8</i>	<i>- 1.2</i>	<i>- 0.9</i>	<i>- 4.1</i>
Asia	55.3	66.1	78.6	88.6	47.3	52.5	57.6	62.3	3.7	3.5	4.1
<i>Inland</i>	<i>17.2</i>	<i>23.2</i>	<i>30.9</i>	<i>37.5</i>	<i>14.7</i>	<i>18.4</i>	<i>22.6</i>	<i>26.3</i>	<i>6.2</i>	<i>5.9</i>	<i>6.7</i>
<i>Marine</i>	<i>38.1</i>	<i>43.0</i>	<i>47.7</i>	<i>51.1</i>	<i>32.6</i>	<i>34.1</i>	<i>35.0</i>	<i>35.9</i>	<i>2.4</i>	<i>2.1</i>	<i>2.3</i>
Oceania	0.3	0.3	0.7	0.5	0.2	0.3	0.5	0.3	6.4	14.2	- 10.2
<i>Inland</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>2.6</i>	<i>- 3.4</i>	<i>- 0.9</i>
<i>Marine</i>	<i>0.2</i>	<i>0.3</i>	<i>0.7</i>	<i>0.5</i>	<i>0.2</i>	<i>0.3</i>	<i>0.5</i>	<i>0.3</i>	<i>6.6</i>	<i>15.0</i>	<i>- 10.5</i>
Europe	-	-	-	-	-	-	-	-	-	-	-
<i>Inland</i>	-	-	-	-	-	-	-	-	-	-	-
<i>Marine</i>	-	-	-	-	-	-	-	-	-	-	-

Note: Including aquaculture production; excluding aquatic plants

7.1d Fish Production

World/Region	Production								Average annual rate of growth		
	(million tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
Special Groupings											
Near East*	2.0	2.4	2.7	3.0	1.7	1.9	2.0	2.1	3.6	2.8	2.7
<i>Inland</i>	0.6	0.9	1.2	1.4	0.5	0.7	0.9	1.0	9.9	5.0	5.9
<i>Marine</i>	1.4	1.5	1.6	1.6	1.2	1.2	1.1	1.1	0.5	1.3	0.2
Near East & North Africa	3.0	3.5	4.0	4.2	2.6	2.8	2.9	2.9	2.8	2.7	1.7
<i>Inland</i>	0.6	0.9	1.2	1.4	0.5	0.7	0.9	1.0	9.8	5.0	5.9
<i>Marine</i>	2.5	2.6	2.8	2.8	2.1	2.0	2.1	2.0	0.9	1.9	- 0.2
Sub-Saharan Africa**	3.9	4.6	5.2	5.2	3.4	3.7	3.8	3.6	3.3	2.5	- 0.3
<i>Inland</i>	1.8	1.9	2.3	2.5	1.5	1.5	1.7	1.7	1.7	3.5	2.9
<i>Marine</i>	2.2	2.7	2.9	2.7	1.9	2.1	2.2	1.9	4.5	1.7	- 3.0
Sub-Saharan Africa***	4.5	5.3	6.1	5.8	3.9	4.2	4.4	4.1	3.1	2.8	- 1.3
<i>Inland</i>	1.8	1.9	2.3	2.5	1.5	1.5	1.7	1.7	1.7	3.5	2.9
<i>Marine</i>	2.7	3.3	3.8	3.3	2.4	2.7	2.8	2.3	4.0	2.4	- 4.0
East-SouthEast Asia****	23.6	24.2	27.7	31.4	20.2	19.3	20.3	22.1	0.6	2.7	4.2
<i>Inland</i>	2.6	3.3	5.2	7.3	2.3	2.6	3.8	5.1	4.7	9.5	11.7
<i>Marine</i>	20.9	20.9	22.5	24.1	17.9	16.6	16.5	17.0	- 0.0	1.5	2.3
East-SouthEast Asia*****	53.5	61.9	71.9	80.4	45.8	49.2	52.8	56.5	3.0	3.0	3.8
<i>Inland</i>	13.8	18.7	25.0	30.4	11.8	14.8	18.3	21.4	6.2	6.0	6.8
<i>Marine</i>	39.7	43.3	47.0	50.0	34.0	34.4	34.5	35.1	1.8	1.7	2.1
Lat.America & Caribbean	21.8	20.7	20.0	17.7	18.7	16.4	14.6	12.4	- 1.0	- 0.7	- 3.9
<i>Inland</i>	0.6	0.7	0.9	0.9	0.5	0.6	0.7	0.6	3.5	4.1	- 0.2
<i>Marine</i>	21.2	19.9	19.0	16.8	18.1	15.8	14.0	11.8	- 1.2	- 0.9	- 4.1
Land Locked Dev.ing countries	0.8	0.9	1.1	1.2	0.7	0.7	0.8	0.8	0.8	5.0	3.0
<i>Inland</i>	0.8	0.9	1.1	1.2	0.7	0.7	0.8	0.8	0.8	5.0	3.0
<i>Marine</i>	-	-	-	-	-	-	-	-	-	-	-
Small islands Dev.ing countries	0.7	0.9	1.3	1.0	0.6	0.7	0.9	0.7	5.4	7.1	- 7.5
<i>Inland</i>	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.6	- 5.0	7.4
<i>Marine</i>	0.6	0.8	1.2	1.0	0.6	0.7	0.9	0.7	5.7	7.8	- 8.2

* In Africa and Asia ** Excluding South Africa *** Including South Africa **** Excluding China ***** Including China

Note: Including aquaculture production; excluding aquatic plants.

Note: Some additional country aggregates have been added because of special interest for Fisheries

Table 7.2 Capture Fisheries

World/Region	Production								Average annual rate of growth		
	(thousand tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
WORLD	92 329	93 505	92 057	89 741	100.0	100.0	100.0	100.0	0.3	- 0.3	- 0.8
Africa	5 895	6 770	7 600	7 243	6.4	7.2	8.3	8.1	2.8	2.3	- 1.6
Eastern	1 148	1 201	1 532	1 516	1.2	1.3	1.7	1.7	0.9	5.0	- 0.4
Middle	572	797	758	840	0.6	0.9	0.8	0.9	6.9	- 1.0	3.5
Northern	1 452	1 601	1 708	1 722	1.6	1.7	1.9	1.9	2.0	1.3	0.3
Southern	1 147	1 234	1 372	1 017	1.2	1.3	1.5	1.1	1.5	2.1	- 9.5
Western	1 576	1 937	2 230	2 148	1.7	2.1	2.4	2.4	4.2	2.9	- 1.2
America	27 553	25 715	24 691	21 469	29.8	27.5	26.8	23.9	- 1.4	- 0.8	- 4.6
Caribbean	188	202	130	150	0.2	0.2	0.1	0.2	1.4	- 8.5	4.8
Central	1 615	1 703	1 673	1 951	1.7	1.8	1.8	2.2	1.1	- 0.4	5.3
Northern	6 208	5 883	6 237	5 526	6.7	6.3	6.8	6.2	- 1.1	1.2	- 4.0
Southern	19 541	17 928	16 652	13 842	21.2	19.2	18.1	15.4	- 1.7	- 1.5	- 6.0
Asia	40 365	43 518	44 390	46 892	43.7	46.5	48.2	52.3	1.5	0.4	1.8
Central	62	52	54	74	0.1	0.1	0.1	0.1	- 3.4	0.6	10.9
Eastern	22 386	22 994	21 912	22 365	24.2	24.6	23.8	24.9	0.5	- 1.0	0.7
South-Eastern	11 519	13 302	15 086	16 418	12.5	14.2	16.4	18.3	2.9	2.5	2.9
Southern	5 277	6 122	6 269	7 005	5.7	6.5	6.8	7.8	3.0	0.5	3.8
Western	1 122	1 048	1 070	1 031	1.2	1.1	1.2	1.1	- 1.3	0.4	- 1.2
Europe	17 189	16 176	13 816	12 964	18.6	17.3	15.0	14.4	- 1.2	- 3.1	- 2.1
Eastern	5 201	4 611	3 624	3 751	5.6	4.9	3.9	4.2	- 2.4	- 4.7	1.2
Northern	8 639	8 525	7 255	6 539	9.4	9.1	7.9	7.3	- 0.3	- 3.2	- 3.4
Southern	2 022	1 681	1 501	1 545	2.2	1.8	1.6	1.7	- 3.6	- 2.2	1.0
Western	1 327	1 359	1 435	1 128	1.4	1.5	1.6	1.3	0.5	1.1	- 7.7
Oceania	1 014	1 086	1 452	1 114	1.1	1.2	1.6	1.2	1.4	6.0	- 8.4
Australia & New Zealand	762	744	782	630	0.8	0.8	0.8	0.7	- 0.5	1.0	- 7.0
Melanesia	193	244	522	363	0.2	0.3	0.6	0.4	4.8	16.5	- 11.4
Micronesia	42	69	120	93	0.0	0.1	0.1	0.1	10.4	11.6	- 8.0
Polynesia	18	29	29	29	0.0	0.0	0.0	0.0	10.4	- 0.5	- 0.1
Developed countries	30 128	27 858	25 125	23 368	32.6	29.8	27.3	26.0	- 1.6	- 2.0	- 2.4
Africa	-	-	-	-	-	-	-	-	-	-	-
America	6 208	5 883	6 237	5 526	6.7	6.3	6.8	6.2	- 1.1	1.2	- 4.0
Asia	5 970	5 055	4 291	4 249	6.5	5.4	4.7	4.7	- 3.3	- 3.2	- 0.3
Europe	17 189	16 176	13 816	12 964	18.6	17.3	15.0	14.4	- 1.2	- 3.1	- 2.1
Oceania	762	744	782	630	0.8	0.8	0.8	0.7	- 0.5	1.0	- 7.0
Developing countries	61 888	65 407	66 825	66 314	67.0	70.0	72.6	73.9	1.1	0.4	- 0.3
Africa	5 895	6 770	7 600	7 243	6.4	7.2	8.3	8.1	2.8	2.3	- 1.6
America	21 344	19 832	18 455	15 943	23.1	21.2	20.0	17.8	- 1.5	- 1.4	- 4.8
Asia	34 396	38 463	40 100	42 644	37.3	41.1	43.6	47.5	2.3	0.8	2.1
Oceania	253	342	670	484	0.3	0.4	0.7	0.5	6.2	14.4	- 10.2
Europe	-	-	-	-	-	-	-	-	-	-	-
Special Groupings											
Near East*	1 856	1 893	1 904	1 892	2.0	2.0	2.1	2.1	0.4	0.1	- 0.2
Near East & North Africa	2 895	3 007	3 166	3 126	3.1	3.2	3.4	3.5	0.8	1.0	- 0.4
Sub-Saharan Africa**	3 911	4 578	5 134	4 943	4.2	4.9	5.6	5.5	3.2	2.3	- 1.3
East-SouthEastAsia***	20 135	20 395	21 228	22 815	21.8	21.8	23.1	25.4	0.3	0.8	2.4
Lat.America&Caribbean	21 344	19 832	18 455	15 943	23.1	21.2	20.0	17.8	- 1.5	- 1.4	- 4.8
Land Locked Dev.ing C.	770	776	954	1 006	0.8	0.8	1.0	1.1	0.2	4.2	1.8
Small islands Dev.ing C.	665	856	1 232	958	0.7	0.9	1.3	1.1	5.2	7.5	- 8.0

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Production excludes aquatic plants

Table 7.3 Aquaculture

World/Region	Production								Average annual rate of growth		
	(thousand tonnes)				Share in total World (%)				(%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995-2000	2000-2005	2005-2008
WORLD	24 383	32 416	44 306	52 546	100.0	100.0	100.0	100.0	5.9	6.4	5.9
Africa	110	400	647	940	0.5	1.2	1.5	1.8	29.4	10.1	13.3
Eastern	11	17	33	78	0.0	0.1	0.1	0.1	7.9	14.5	33.2
Middle	1	3	4	4	0.0	0.0	0.0	0.0	22.4	4.5	0.9
Northern	76	345	547	704	0.3	1.1	1.2	1.3	35.2	9.7	8.8
Southern	4	3	3	3	0.0	0.0	0.0	0.0	- 4.4	0.1	4.2
Western	18	32	60	152	0.1	0.1	0.1	0.3	12.6	13.3	36.2
America	920	1 423	2 171	2 405	3.8	4.4	4.9	4.6	9.1	8.8	3.5
Caribbean	28	40	30	40	0.1	0.1	0.1	0.1	7.0	- 5.6	10.4
Central	53	89	246	282	0.2	0.3	0.6	0.5	11.1	22.6	4.6
Northern	479	584	668	644	2.0	1.8	1.5	1.2	4.0	2.7	- 1.2
Southern	360	710	1 228	1 439	1.5	2.2	2.8	2.7	14.6	11.6	5.4
Asia	21 677	28 422	39 206	46 687	88.9	87.7	88.5	88.8	5.6	6.6	6.0
Central	14	7	5	4	0.1	0.0	0.0	0.0	- 14.1	- 5.8	- 7.9
Eastern	17 405	22 894	29 676	34 335	71.4	70.6	67.0	65.3	5.6	5.3	5.0
South-Eastern	2 174	2 731	5 267	7 307	8.9	8.4	11.9	13.9	4.7	14.0	11.5
Southern	2 033	2 672	4 069	4 809	8.3	8.2	9.2	9.2	5.6	8.8	5.7
Western	52	118	189	233	0.2	0.4	0.4	0.4	17.9	9.8	7.3
Europe	1 581	2 050	2 131	2 341	6.5	6.3	4.8	4.5	5.3	0.8	3.2
Eastern	183	195	236	231	0.8	0.6	0.5	0.4	1.3	3.8	- 0.6
Northern	483	800	989	1 193	2.0	2.5	2.2	2.3	10.6	4.3	6.4
Southern	481	641	541	585	2.0	2.0	1.2	1.1	5.9	- 3.3	2.7
Western	434	414	365	332	1.8	1.3	0.8	0.6	- 0.9	- 2.5	- 3.1
Oceania	94	121	151	172	0.4	0.4	0.3	0.3	5.2	4.5	4.5
Australia & New Zealand	93	117	148	170	0.4	0.4	0.3	0.3	4.8	4.8	4.6
Melanesia	1	4	3	2	0.0	0.0	0.0	0.0	25.5	- 5.7	- 2.8
Micronesia	0	0	0	0	0.0	0.0	0.0	0.0	1.0	- 41.5	122.4
Polynesia	0	0	0	0	0.0	0.0	0.0	0.0	5.3	- 0.5	- 14.6
Developed countries	2 973	3 514	3 693	3 887	12.2	10.8	8.3	7.4	3.4	1.0	1.7
Africa	-	-	-	-	-	-	-	-	-	-	-
America	479	584	668	644	2.0	1.8	1.5	1.2	4.0	2.7	- 1.2
Asia	820	763	746	732	3.4	2.4	1.7	1.4	- 1.4	- 0.4	- 0.6
Europe	1 581	2 050	2 131	2 341	6.5	6.3	4.8	4.5	5.3	0.8	3.2
Oceania	93	117	148	170	0.4	0.4	0.3	0.3	4.8	4.8	4.6
Developing countries	21 410	28 902	40 613	48 659	87.8	89.2	91.7	92.6	6.2	7.0	6.2
Africa	110	400	647	940	0.5	1.2	1.5	1.8	29.4	10.1	13.3
America	441	839	1 504	1 761	1.8	2.6	3.4	3.4	13.7	12.4	5.4
Asia	20 857	27 659	38 460	45 955	85.5	85.3	86.8	87.5	5.8	6.8	6.1
Oceania	1	4	3	3	0.0	0.0	0.0	0.0	22.0	- 6.7	- 0.9
Europe	-	-	-	-	-	-	-	-	-	-	-
Special Groupings											
Near East*	135	479	819	1 060	0.6	1.5	1.8	2.0	28.7	11.3	9.0
Near East & North Africa	139	482	824	1 067	0.6	1.5	1.9	2.0	28.3	11.3	9.0
Sub-Saharan Africa**	31	53	98	236	0.1	0.2	0.2	0.4	11.0	13.2	33.8
East-SouthEastAsia***	3 436	3 854	6 514	8 577	14.1	11.9	14.7	16.3	2.3	11.1	9.6
Lat.America&Caribbean	441	839	1 504	1 761	1.8	2.6	3.4	3.4	13.7	12.4	5.4
Land Locked Dev.ing C.	48	76	135	184	0.2	0.2	0.3	0.4	9.9	12.1	10.8
Small islands Dev.ing C.	35	54	51	57	0.1	0.2	0.1	0.1	9.1	- 1.0	3.5

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Production excludes aquatic plants

Table 7.4 Capture Fisheries - Leading Countries in 2008

Country	Production (thousand tonnes)	% of World production
China*	14 791	16.5
Peru	7 363	8.2
Indonesia	4 957	5.5
United States of America	4 350	4.8
Japan	4 249	4.7
India	4 105	4.6
Chile	3 555	4.0
Russian Federation	3 384	3.8
Philippines	2 561	2.9
Myanmar	2 494	2.8
Rest of the World	37 933	42.3

* China Mainland

Table 7.5 Aquaculture - Leading Countries in 2008

Country	Production (thousand tonnes)	% of World production
China*	32 736	62.3
India	3 479	6.6
Viet Nam	2 462	4.7
Indonesia	1 690	3.2
Thailand	1 374	2.6
Bangladesh	1 006	1.9
Norway	844	1.6
Chile	843	1.6
Philippines	741	1.4
Japan	732	1.4
Rest of the World	6 640	12.6

* China Mainland

Table 7.6 Capture Fisheries - Leading Species in 2008

Species	Production (thousand tonnes)	% of World production
Anchoveta(=Peruvian anchovy)	7 428	8.3
Alaska pollock(=Walleye poll.)	2 650	3.0
Atlantic herring	2 476	2.8
Skipjack tuna	2 422	2.7
Chub mackerel	1 876	2.1
Largehead hairtail	1 369	1.5
Blue whiting(=Poutassou)	1 284	1.4
Chilean jack mackerel	1 282	1.4
Japanese anchovy	1 266	1.4
Yellowfin tuna	1 140	1.3
Other species	66 548	74.2

Table 7.7 Aquaculture - Leading Species in 2008

Species	Production (thousand tonnes)	% of World production
Silver carp	3 782	7.2
Grass carp(=White amur)	3 775	7.2
Japanese carpet shell	3 142	6.0
Common carp	2 987	5.7
Nile tilapia	2 334	4.4
Bighead carp	2 322	4.4
Catla	2 282	4.3
Whiteleg shrimp	2 259	4.3
Crucian carp	1 957	3.7
Atlantic salmon	1 457	2.8
Other species	26 248	50.0

7.8 Value of Exports and Imports of Fish and Fishery Products

World/Region	Value (US\$ million)				Share in total World (%)				Average annual rate of growth (%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995- 2000	2000- 2005	2005- 2008
Exports											
WORLD	51 959	55 783	78 843	101 817	100.0	100.0	100.0	100.0	1.4	7.2	8.9
Africa	2 624	2 697	3 734	4 786	5.1	4.8	4.7	4.7	0.5	6.7	8.6
Eastern	329	459	933	1 004	0.6	0.8	1.2	1.0	6.9	15.2	2.5
Middle	26	29	47	17	0.0	0.1	0.1	0.0	2.2	10.3	- 28.3
Northern	903	1 054	1 247	1 943	1.7	1.9	1.6	1.9	3.1	3.4	15.9
Southern	572	556	822	1 096	1.1	1.0	1.0	1.1	- 0.6	8.1	10.1
Western	794	599	685	725	1.5	1.1	0.9	0.7	- 5.5	2.7	1.9
America	12 635	13 090	17 605	21 074	24.3	23.5	22.3	20.7	0.7	6.1	6.2
Caribbean	233	239	198	226	0.4	0.4	0.3	0.2	0.5	- 3.6	4.4
Central	1 254	1 491	1 648	1 932	2.4	2.7	2.1	1.9	3.5	2.0	5.4
Northern	6 044	6 147	8 188	8 497	11.6	11.0	10.4	8.3	0.3	5.9	1.2
Southern	5 104	5 213	7 570	10 420	9.8	9.3	9.6	10.2	0.4	7.7	11.2
Asia	17 716	19 478	26 519	34 785	34.1	34.9	33.6	34.2	1.9	6.4	9.5
Central	16	13	54	85	0.0	0.0	0.1	0.1	- 3.9	33.4	16.0
Eastern	7 643	8 191	11 993	15 092	14.7	14.7	15.2	14.8	1.4	7.9	8.0
South-Eastern	8 184	8 863	10 949	15 961	15.8	15.9	13.9	15.7	1.6	4.3	13.4
Southern	1 666	2 135	2 625	2 626	3.2	3.8	3.3	2.6	5.1	4.2	0.0
Western	208	276	898	1 022	0.4	0.5	1.1	1.0	5.8	26.6	4.4
Europe	17 127	18 625	28 790	38 853	33.0	33.4	36.5	38.2	1.7	9.1	10.5
Eastern	2 050	1 870	2 773	4 116	3.9	3.4	3.5	4.0	- 1.8	8.2	14.1
Northern	9 354	10 167	14 886	19 564	18.0	18.2	18.9	19.2	1.7	7.9	9.5
Southern	1 993	2 544	4 229	5 960	3.8	4.6	5.4	5.9	5.0	10.7	12.1
Western	3 731	4 045	6 901	9 213	7.2	7.3	8.8	9.0	1.6	11.3	10.1
Oceania	1 856	1 892	2 195	2 320	3.6	3.4	2.8	2.3	0.4	3.0	1.9
Australia & New Zealand	1 669	1 669	1 822	1 843	3.2	3.0	2.3	1.8	- 0.0	1.8	0.4
Melanesia	166	172	294	353	0.3	0.3	0.4	0.3	0.7	11.3	6.3
Micronesia	17	34	60	104	0.0	0.1	0.1	0.1	15.2	12.1	20.1
Polynesia	4	17	19	20	0.0	0.0	0.0	0.0	34.3	2.1	1.8
Developed countries	25 554	27 243	40 054	50 891	49.2	48.8	50.8	50.0	1.3	8.0	8.3
Africa	-	-	-	-	-	-	-	-	-	-	-
America	6 044	6 147	8 188	8 497	11.6	11.0	10.4	8.3	0.3	5.9	1.2
Asia	713	802	1 254	1 698	1.4	1.4	1.6	1.7	2.4	9.4	10.6
Europe	17 127	18 625	28 790	38 853	33.0	33.4	36.5	38.2	1.7	9.1	10.5
Oceania	1 669	1 669	1 822	1 843	3.2	3.0	2.3	1.8	- 0.0	1.8	0.4
Developing countries	26 405	28 540	38 789	50 927	50.8	51.2	49.2	50.0	1.6	6.3	9.5
Africa	2 624	2 697	3 734	4 786	5.1	4.8	4.7	4.7	0.5	6.7	8.6
America	6 591	6 943	9 416	12 577	12.7	12.4	11.9	12.4	1.0	6.3	10.1
Asia	17 003	18 676	25 265	33 087	32.7	33.5	32.0	32.5	1.9	6.2	9.4
Europe	-	-	-	-	-	-	-	-	-	-	-
Oceania	187	223	373	477	0.4	0.4	0.5	0.5	3.7	10.8	8.5
Special Groupings											
Near East*	292	328	942	1 067	0.6	0.6	1.2	1.0	2.4	23.5	4.2
Near East & North Africa	1 159	1 369	2 170	2 975	2.2	2.5	2.8	2.9	3.4	9.7	11.1
Sub-Saharan Africa**	1 479	1 373	2 046	2 324	2.8	2.5	2.6	2.3	- 1.5	8.3	4.3
East-SouthEastAsia***	10 532	11 140	13 364	18 992	20.3	20.0	17.0	18.7	1.1	3.7	12.4
Lat.America&Caribbean	6 591	6 943	9 416	12 577	12.7	12.4	11.9	12.4	1.0	6.3	10.1
Land Locked Dev.ing coun	46	56	217	222	0.1	0.1	0.3	0.2	3.9	31.3	0.7
Small islands Dev.ing cour	1 168	1 240	1 606	1 747	2.2	2.2	2.0	1.7	1.2	5.3	2.8

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Trade excludes aquatic plants

Former USSR countries are not included in 1990 data of "Land Locked Developng countries"

Some additional country aggregates have been added because of special interest for Fisheries

7.9 Value of Imports of Fish and Fishery Products

World/Region	Value (US\$ million)				Share in total World (%)				Average annual rate of growth (%)		
	1995	2000	2005	2008	1995	2000	2005	2008	1995- 2000	2000- 2005	2005- 2008
Imports											
WORLD	56 292	60 283	81 923	108 181	100.0	100.0	100.0	100.0	1.4	6.3	9.7
Africa	967	947	1 979	2 985	1.7	1.6	2.4	2.8	- 0.4	15.9	14.7
Eastern	127	87	297	471	0.2	0.1	0.4	0.4	- 7.2	27.8	16.6
Middle	121	104	190	400	0.2	0.2	0.2	0.4	- 3.0	12.8	28.3
Northern	145	214	267	604	0.3	0.4	0.3	0.6	8.1	4.5	31.3
Southern	161	103	166	295	0.3	0.2	0.2	0.3	- 8.6	10.0	21.1
Western	413	439	1 060	1 215	0.7	0.7	1.3	1.1	1.2	19.3	4.6
America	9 255	12 931	15 236	19 346	16.4	21.5	18.6	17.9	6.9	3.3	8.3
Caribbean	222	224	331	461	0.4	0.4	0.4	0.4	0.2	8.1	11.7
Central	146	222	514	786	0.3	0.4	0.6	0.7	8.7	18.3	15.2
Northern	8 188	11 848	13 655	16 191	14.5	19.7	16.7	15.0	7.7	2.9	5.8
Southern	698	638	736	1 908	1.2	1.1	0.9	1.8	- 1.8	2.9	37.4
Asia	24 751	24 009	27 704	33 603	44.0	39.8	33.8	31.1	- 0.6	2.9	6.6
Central	11	23	30	92	0.0	0.0	0.0	0.1	16.4	5.2	45.5
Eastern	22 077	21 217	23 256	26 309	39.2	35.2	28.4	24.3	- 0.8	1.9	4.2
South-Eastern	2 063	2 075	3 379	5 210	3.7	3.4	4.1	4.8	0.1	10.2	15.5
Southern	114	128	165	244	0.2	0.2	0.2	0.2	2.3	5.2	13.9
Western	487	566	874	1 748	0.9	0.9	1.1	1.6	3.0	9.1	26.0
Europe	20 756	21 775	36 003	50 860	36.9	36.1	43.9	47.0	1.0	10.6	12.2
Eastern	899	868	2 783	5 807	1.6	1.4	3.4	5.4	- 0.7	26.2	27.8
Northern	4 849	5 732	8 828	12 609	8.6	9.5	10.8	11.7	3.4	9.0	12.6
Southern	6 474	7 162	12 038	15 703	11.5	11.9	14.7	14.5	2.0	10.9	9.3
Western	8 533	8 014	12 354	16 740	15.2	13.3	15.1	15.5	- 1.2	9.0	10.7
Oceania	562	621	1 000	1 387	1.0	1.0	1.2	1.3	2.0	10.0	11.5
Australia & New Zealand	484	572	911	1 223	0.9	0.9	1.1	1.1	3.4	9.7	10.3
Melanesia	56	27	60	131	0.1	0.0	0.1	0.1	- 13.6	17.3	29.3
Micronesia	7	3	5	6	0.0	0.0	0.0	0.0	- 16.3	9.3	6.5
Polynesia	15	19	24	28	0.0	0.0	0.0	0.0	5.0	5.1	4.5
Developed countries	47 281	49 708	65 007	83 221	84.0	82.5	79.4	76.9	1.0	5.5	8.6
Africa	-	-	-	-	-	-	-	-	-	-	-
America	8 188	11 848	13 655	16 191	14.5	19.7	16.7	15.0	7.7	2.9	5.8
Asia	17 853	15 513	14 438	14 947	31.7	25.7	17.6	13.8	- 2.8	- 1.4	1.2
Europe	20 756	21 775	36 003	50 860	36.9	36.1	43.9	47.0	1.0	10.6	12.2
Oceania	484	572	911	1 223	0.9	0.9	1.1	1.1	3.4	9.7	10.3
Developing countries	9 010	10 575	16 916	24 960	16.0	17.5	20.6	23.1	3.3	9.9	13.8
Africa	967	947	1 979	2 985	1.7	1.6	2.4	2.8	- 0.4	15.9	14.7
America	1 067	1 083	1 581	3 156	1.9	1.8	1.9	2.9	0.3	7.9	25.9
Asia	6 898	8 496	13 266	18 655	12.3	14.1	16.2	17.2	4.3	9.3	12.0
Europe	-	-	-	-	-	-	-	-	-	-	-
Oceania	79	49	90	164	0.1	0.1	0.1	0.2	- 8.9	12.7	22.4
Special Groupings											
Near East*	483	647	880	1 902	0.9	1.1	1.1	1.8	6.0	6.4	29.3
Near East & North Africa	535	680	978	2 078	1.0	1.1	1.2	1.9	4.9	7.5	28.6
Sub-Saharan Africa**	667	675	1 588	2 144	1.2	1.1	1.9	2.0	0.2	18.7	10.5
East-SouthEastAsia***	20 758	18 987	20 220	23 171	36.9	31.5	24.7	21.4	- 1.8	1.3	4.6
Lat.America&Caribbean	1 067	1 083	1 581	3 156	1.9	1.8	1.9	2.9	0.3	7.9	25.9
Land Locked Dev.ing countr	65	88	122	270	0.1	0.1	0.1	0.2	6.2	6.7	30.3
Small islands Dev.ing countr	941	897	1 413	1 928	1.7	1.5	1.7	1.8	- 1.0	9.5	10.9

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Trade excludes aquatic plants

Former USSR countries are not included in 1990 data of "Land Locked Developng countries"

Some additional country aggregates have been added because of special interest for Fisheries

7.10 Leading Fishery Exporters and Importers, 2008

Exporters			Importers		
Country	Value of exports (US\$ million)	% of World exports	Country	Value of imports (US\$ million)	% of World imports
China (Mainland)	10 114	9.9	Japan	14 947	13.8
Norway	6 937	6.8	United States of America	14 135	13.1
Thailand	6 532	6.4	Spain	7 101	6.6
Denmark	4 601	4.5	France	5 836	5.4
Viet Nam	4 550	4.5	Italy	5 453	5.0
United States of America	4 463	4.4	China (Mainland)	5 143	4.8
Chile	3 931	3.9	Germany	4 502	4.2
Canada	3 706	3.6	United Kingdom	4 220	3.9
Spain	3 465	3.4	Denmark	3 111	2.9
Netherlands	3 394	3.3	Korea, Republic of	2 928	2.7
Russian Federation	2 619	2.6	Netherlands	2 920	2.7
Indonesia	2 473	2.4	Sweden	2 765	2.6
Rest of the World	45 032	44.2	Rest of the World	35 119	32.5

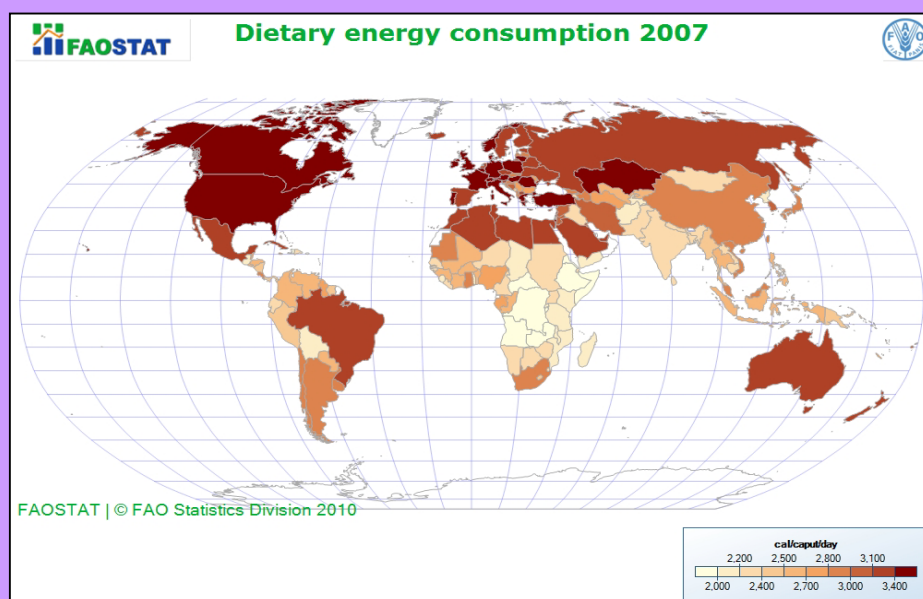
Note: Trade excludes aquatic plants

7.11 Fish Utilization

World/Region	Total fish production	Utilization	
		Human consumption	Other purposes
		(million tonnes)	
WORLD			
1990	97.7	70.4	27.3
1995	116.7	85.0	31.7
2000	125.9	95.8	30.1
2005	136.4	107.6	28.8
2008	142.3	115.1	27.2
Developed countries			
1990	40.3	28.3	12.0
1995	33.1	24.8	8.3
2000	31.4	23.6	7.8
2005	28.8	23.1	5.7
2008	27.3	22.1	5.2
Developing countries			
1990	57.3	42.0	15.3
1995	83.3	59.9	23.4
2000	94.3	72.0	22.3
2005	107.4	84.3	23.1
2008	115.0	93.0	22.0

Note: Production excludes aquatic plants

FOOD, NUTRITION AND FOOD SECURITY



8.1 Per Person Food Consumption

World/Region	1995-2000	2003-2005	2005-2007
	(Kcals/caput/day)		
WORLD	2 708	2 753	2 778
Africa	2 333	2 391	2 434
Eastern	1 910	1 990	2 030
Middle	1 799	1 813	1 843
Northern	2 918	2 964	2 992
Southern	2 760	2 871	2 904
Western	2 454	2 540	2 616
Asia	2 598	2 616	2 644
Central	2 540	2 599	2 730
Eastern	2 866	2 924	2 949
South-Eastern	2 426	2 518	2 565
Southern	2 336	2 300	2 326
Western	3 003	3 054	3 089
America	3 078	3 213	3 218
Caribbean	2 340	2 551	2 555
Central	2 904	3 023	3 027
Northern	3 595	3 753	3 747
Southern	2 739	2 861	2 879
Europe	3 216	3 350	3 382
Eastern	2 978	3 192	3 275
Northern	3 278	3 375	3 386
Southern	3 382	3 435	3 412
Western	3 454	3 522	3 528
Oceania	3 031	3 093	3 149
Australia and New Zealand	3 064	3 119	3 180
Melanesia	2 654	2 786	2 798
Micronesia	2 781	2 846	2 893
Polynesia	2 642	2 890	2 905
Developed countries	3 279	3 401	3 419
Africa			
America	3 595	3 753	3 747
Asia	2 899	2 826	2 806
Europe	3 216	3 350	3 382
Oceania	3 064	3 119	3 180
Developing countries	2 563	2 600	2 630
Africa	2 333	2 391	2 434
America	2 756	2 883	2 897
Asia	2 587	2 609	2 639
Oceania	2 657	2 809	2 822
Europe			
Special Groupings			
Near East*	2 994	2 992	3 010
Near East & North Africa	2 999	3 020	3 040
Sub-Saharan Africa**	2 113	2 185	2 237
East-SouthEastAsia***	2 543	2 593	2 624
Lat.America&Caribbean	2 756	2 883	2 897

* In Africa and Asia ** Excluding South Africa *** Excluding China

8.2 Contribution of Food Groups to Food Consumption in Calorie Terms

World/Region		Cereals excl. beer	Roots and Tubers	Meat	Veg. Oils and Animal Fats	Sugars and Honey	Milk and Eggs (excl. butter)	Fruits and Vegetables (excl. wine)	Fish and Sea Food	Nuts, Pulses and Other food
		(% of total food)								
WORLD										
	1 993	51	5	7	11	8	5	5	1	7
	1 995	50	5	7	11	9	6	5	1	7
	2 000	49	5	8	11	9	6	5	1	6
	2 007	47	5	8	12	8	6	6	1	7
Africa										
	1 993	51	15	3	9	6	3	5	1	8
	1 995	51	15	3	9	6	3	5	1	8
	2 000	50	15	3	9	6	3	5	1	8
	2 007	50	14	3	9	6	3	6	1	8
Eastern Africa										
	1 993	49	17	3	6	5	3	6	1	10
	1 995	50	16	3	6	5	3	6	0	11
	2 000	50	17	3	6	5	3	6	0	10
	2 007	50	16	3	6	5	3	6	0	10
Middle Africa										
	1 993	25	42	3	8	3	1	8	1	10
	1 995	26	42	3	9	3	1	7	1	9
	2 000	28	40	3	9	3	1	5	1	10
	2 007	33	36	3	9	4	1	5	1	9
Northern Africa										
	1 993	61	2	3	10	9	4	6	0	4
	1 995	62	2	3	10	9	4	5	0	4
	2 000	59	2	3	9	9	5	6	1	5
	2 007	58	2	3	8	9	6	7	1	5
Southern Africa										
	1 993	59	2	8	8	12	3	3	1	5
	1 995	57	2	7	10	11	4	3	1	5
	2 000	58	3	7	10	11	4	3	0	5
	2 007	56	3	8	11	10	4	2	0	5
Western Africa										
	1 993	48	20	2	12	3	1	5	1	8
	1 995	48	20	2	11	3	1	5	1	8
	2 000	46	21	2	11	3	1	5	1	10
	2 007	47	18	2	12	4	1	5	1	10
Asia										
	1 993	61	4	6	8	6	3	4	1	7
	1 995	59	4	6	8	6	4	4	1	7
	2 000	57	4	7	9	6	4	5	1	6
	2 007	54	3	7	10	6	4	6	1	7

8.2b Contribution of Food Groups to Food Consumption in Calorie Terms

World/Region		Cereals excl. beer	Roots and Tubers	Meat	Veg. Oils and Animal Fats	Sugars and Honey	Milk and Eggs (excl. butter)	Fruits and Vegetables (excl. wine)	Fish and Sea Food	Nuts, Pulses and Other food
		(% of total food)								
Central Asia										
	1 993	58	3	8	11	6	9	3	0	2
	1 995	59	3	8	11	5	9	3	0	2
	2 000	54	4	7	11	7	11	4	0	2
	2 007	53	4	8	11	6	11	6	0	3
Eastern Asia										
	1 993	59	6	10	7	3	2	4	1	6
	1 995	57	6	11	7	4	3	5	2	7
	2 000	54	6	13	8	3	3	6	2	6
	2 007	49	5	13	10	4	4	8	2	6
South Eastern Asia										
	1 993	64	4	5	7	7	1	4	2	6
	1 995	63	4	5	6	7	2	4	2	6
	2 000	63	4	5	7	8	2	4	2	6
	2 007	60	4	6	7	7	2	5	2	7
Southern Asia										
	1 993	64	2	1	8	8	5	4	0	8
	1 995	62	2	1	9	9	5	3	0	8
	2 000	61	2	1	10	10	5	4	0	7
	2 007	60	2	1	11	8	5	4	0	8
Western Asia										
	1 993	51	3	4	13	10	7	8	0	6
	1 995	51	3	4	12	9	7	8	0	6
	2 000	49	3	4	13	10	6	8	0	6
	2 007	48	2	5	14	9	7	7	0	6
America										
	1 993	33	4	10	16	17	9	5	1	6
	1 995	33	4	10	15	17	9	6	1	6
	2 000	32	4	11	16	15	9	6	1	6
	2 007	32	3	11	16	15	9	6	1	7
Northern										
	1 993	26	3	12	19	17	12	5	1	5
	1 995	26	3	12	18	17	12	5	1	5
	2 000	26	3	12	20	17	11	6	1	5
	2 007	25	3	12	21	17	11	5	1	6
Caribbean										
	1 993	36	6	6	12	19	5	8	1	8
	1 995	37	6	6	11	19	6	7	1	9
	2 000	37	6	6	12	18	5	7	1	9
	2 007	38	6	7	10	15	5	9	1	10
Central America										
	1 993	49	1	6	11	16	6	4	1	6
	1 995	49	1	6	11	16	6	4	1	7
	2 000	47	1	8	9	16	7	5	1	7
	2 007	45	1	8	10	15	7	5	1	7

8.2c Contribution of Food Groups to Food Consumption in Calorie Terms

World/Region		Cereals excl. beer	Roots and Tubers	Meat	Veg. Oils and Animal Fats	Sugars and Honey	Milk and Eggs (excl. butter)	Fruits and Vegetables (excl. wine)	Fish and Sea Food	Nuts, Pulses and Other food
		(% of total food)								
South America										
	1 993	36	5	10	13	16	7	5	1	7
	1 995	34	6	10	13	16	8	6	1	6
	2 000	34	5	11	14	14	8	6	1	7
	2 007	35	5	11	14	14	8	6	1	7
Europe										
	1 993	33	6	11	17	11	10	5	1	6
	1 995	34	5	11	17	11	10	5	1	6
	2 000	33	5	10	17	12	10	5	1	5
	2 007	32	5	10	17	12	11	6	1	6
Eastern Europe										
	1 993	40	7	10	13	12	9	4	1	5
	1 995	41	7	9	12	12	10	4	1	4
	2 000	41	7	8	13	13	10	4	1	4
	2 007	38	7	8	13	13	10	5	1	5
Northern Europe										
	1 993	28	6	13	18	12	12	5	1	5
	1 995	29	6	13	18	12	12	4	1	5
	2 000	30	6	12	17	12	12	5	1	5
	2 007	29	5	13	16	11	12	6	1	6
Southern Europe										
	1 993	32	4	11	20	8	9	7	1	7
	1 995	32	3	11	20	9	9	7	1	7
	2 000	31	3	12	20	9	10	8	1	7
	2 007	30	3	12	21	9	10	7	2	7
Western Europe										
	1 993	25	4	13	21	12	11	5	1	7
	1 995	26	4	13	21	12	11	5	1	6
	2 000	26	4	12	21	12	11	6	1	6
	2 007	27	4	11	21	13	11	5	1	6
Oceania										
	1 993	26	4	15	17	14	12	6	1	6
	1 995	28	4	15	16	14	11	6	1	5
	2 000	27	4	15	18	14	10	6	1	6
	2 007	26	4	15	18	13	9	6	1	7
Australia and New Zealand										
	1 993	26	3	15	18	14	12	6	1	5
	1 995	27	3	15	16	15	12	6	1	5
	2 000	26	3	15	19	15	10	6	1	5
	2 007	25	3	16	19	14	10	6	1	6

8.2d Contribution of Food Groups to Food Consumption in Calorie Terms

World/Region		Cereals excl. beer	Roots and Tubers	Meat	Veg. Oils and Animal Fats	Sugars and Honey	Milk and Eggs (excl. butter)	Fruits and Vegetables (excl. wine)	Fish and Sea Food	Nuts, Pulses and Other food
		(% of total food)								
Melanesia										
	1 993	37	13	9	14	6	4	3	2	13
	1 995	38	14	8	13	6	4	3	2	12
	2 000	39	15	8	11	7	3	3	2	12
	2 007	38	15	7	11	8	3	3	2	12
Micronesia										
	1 993	34	9	4	8	13	1	5	5	21
	1 995	33	8	5	9	13	2	5	5	20
	2 000	31	9	5	8	15	1	5	5	22
	2 007	30	9	7	5	16	1	5	5	22
Polynesia										
	1 993	23	5	18	12	11	6	5	4	17
	1 995	26	5	17	11	10	5	5	4	15
	2 000	29	6	16	13	9	4	6	4	14
	2 007	27	6	17	13	7	5	6	3	15
Developed Countries										
	1 993	32	5	11	17	13	10	5	1	6
	1 995	32	4	11	17	13	11	5	2	6
	2 000	32	4	10	18	13	10	5	2	6
	2 007	31	4	11	18	13	10	5	2	6
Developing Countries										
	1 993	58	6	6	9	7	4	5	1	7
	1 995	56	6	6	9	7	4	5	1	7
	2 000	54	6	7	9	7	4	5	1	7
	2 007	52	5	7	10	7	5	6	1	7
Special Groupings										
Near East*										
	1 993	57	2	3	11	9	5	7	0	5
	1 995	56	2	4	11	9	5	8	0	5
	2 000	55	2	4	10	9	5	8	0	6
	2 007	53	2	4	11	9	6	8	1	6
Near East & North Africa										
	1 993	57	2	3	11	9	5	7	0	5
	1 995	57	2	3	11	9	5	7	0	5
	2 000	55	2	4	11	9	5	8	0	5
	2 007	54	2	4	11	9	6	8	1	5
Sub-Saharan Africa**										
	1 993	46	21	2	9	4	3	6	1	9
	1 995	47	20	3	9	4	3	5	1	9
	2 000	46	20	3	9	4	3	5	1	10
	2 007	47	19	3	9	5	3	5	1	10

* In Africa and Asia ** Excluding South Africa *** Excluding China

8.2e Contribution of Food Groups to Food Consumption in Calorie Terms

World/Region		Cereals excl. beer	Roots and Tubers	Meat	Veg. Oils and Animal Fats	Sugars and Honey	Milk and Eggs (excl. butter)	Fruits and Vegetables (excl. wine)	Fish and Sea Food	Nuts, Pulses and Other food
		(% of total food)								
East-SouthEastAsia***										
	1 993	58	4	5	8	8	3	5	3	7
	1 995	58	3	5	8	8	3	5	3	7
	2 000	57	3	5	9	8	3	5	3	7
	2 007	55	3	6	9	8	3	5	3	8
Lat.America&Caribbean										
	1 993	39	4	8	13	16	7	5	1	7
	1 995	38	4	9	12	16	7	6	1	7
	2 000	38	4	10	13	14	7	6	1	7
	2 007	38	4	10	13	14	7	6	1	7

* In Africa and Asia ** Excluding South Africa *** Excluding China

Note: Data in 2000 and 2003 exclude the portion of land under Azov Sea and White Sea

8.3 Prevalence of Undernutrition

	Undernourished							
	Percentage of Population				Number (million)			
	1990-1992	1995-1997	2000-2002	2005-2007	1990-1992	1995-1997	2000-2002	2005-2007
WORLD	16	14	14	13	843.4	787.5	833.0	847.5
Africa	26	26	25	22	171.3	194.4	208.9	208.5
Eastern	45	44	40	35	87.6	99.5	102.1	103.7
Middle	37	51	55	51	27.8	45.1	54.6	58.9
Northern	10	9	9	7	15.8	14.7	15.5	14.8
Southern	6	7	6	5	2.5	3.2	2.9	2.6
Western	20	15	14	10	37.6	32.0	33.7	28.5
Asia and Oceania	19	15	15	15	605.1	524.9	561.4	584.7
Central	8	9	18	10	4.2	4.9	10.1	6.0
Eastern	16	11	10	9	218.0	152.2	145.2	143.2
South-Eastern	24	18	17	14	105.4	85.7	88.9	76.1
Southern	21	19	20	21	262.9	264.7	300.3	343.9
Western	9	10	8	7	13.9	16.5	15.7	14.6
Oceania	—	—	—	—	ns	ns	ns	ns
America	8	7	6	5	55.4	54.1	51.1	47.5
Caribbean	26	28	22	24	7.6	8.8	7.3	8.1
Central	8	8	7	7	9.4	10.4	9.5	9.7
Northern	<5	<5	<5	<5	ns	ns	ns	ns
Southern	12	10	10	8	37.3	34.1	33.8	29.2
Europe	—	—	—	—	ns	ns	ns	ns
Eastern	—	—	—	—	ns	ns	ns	ns
Northern	—	—	—	—	ns	ns	ns	ns
Southern	—	—	—	—	ns	ns	ns	ns
Western	—	—	—	—	ns	ns	ns	ns
Developed regions	—	—	—	—	16.7	19.4	17.0	12.3
Africa	—	—	—	—	ns		ns	ns
America	—	—	—	—	ns		ns	ns
Asia	—	—	—	—	ns		ns	ns
Europe	—	—	—	—	ns		ns	ns
Oceania	—	—	—	—	ns		ns	ns
Developing regions	20	17	17	16	826.6	768.1	816.0	835.2
Africa	28	28	26	23	169.8	192.6	207.3	207.2
America	12	11	10	8	54.3	53.3	50.7	47.1
Asia and Oceania	19	16	15	15	602.5	522.2	558.0	580.8
Europe	—	—	—	—	—	—	—	—
Special Groupings								
Near East*	10	11	11	10	27.8	35.7	38.6	38.5
Near East & North Africa	6	8	8	7	19.6	29.5	31.8	32.4
Sub-Saharan Africa**	34	33	31	28	164.9	187.2	201.7	201.2
East-SouthEastAsia***	22	17	17	14	110.9	93.7	98.0	85.1
Lat.America&Caribbean	8	7	6	5	55.4	54.1	51.1	47.5

* In Africa and Asia ** Excluding South Africa *** Excluding China ns: not statistically significant

Key: — proportion less than 5% of undernourished

Countries revise their official statistics regularly for the past as well as the present. The same holds for population data of the UN. Whenever this happens, FAO revises its estimates of undernourishment accordingly. Therefore users are advised to refer to changes of estimates over time only within the same SOFI publication and refrain from comparing data published in editions for different years.

For the Former USSR Republics included in Central and Western Asia the baseline period refers to 1993-95 for proportion of undernourished and 1990-92 population based for number of undernourished

There is no established convention for the designation of "developed" and "developing" countries or areas in the United Nations system. In common practice, Japan in Asia, Canada and the United States in northern America, Australia and New Zealand in Oceania, and Europe are considered "developed" regions or areas. In international trade statistics, Israel is treated as developed country; countries of the Commonwealth of Independent States in Asia are treated as developing regions while in Europe as developed areas. South Africa is treated as developed.

Special groupings even if they have the same name as in SOFI, they are different in country composition.

Sources: Total population: UN Population Prospects, 2008 revision - Undernutrition: SOFI 2010

8.4 Food Aid Received (Shipments) - Cereals

World/Region	1994/95	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07
	..... (thousand MT)						
WORLD	9 403	7 372	8 362	6 697	5 879	5 386	3 816
Africa	3 457	2 091	3 659	3 313	2 914	3 069	2 239
Eastern	2 152	1 336	2 633	2 267	1 593	1 791	1 236
Middle	2 152	1 336	2 633	2 267	1 593	1 791	1 236
Northern	356	159	173	212	658	576	460
Southern	23	7	118	112	14	31	11
Western	568	310	424	419	450	474	365
Asia	4 145	4 074	3 865	2 698	2 468	1 860	1 306
Central	215	322	242	160	184	200	113
Eastern	214	1 210	1 080	901	1 097	909	168
South-Eastern	202	571	381	360	184	132	134
Southern	1 742	1 344	1 054	501	663	364	394
Western	1 771	627	1 108	775	340	255	497
America	1 153	758	723	395	489	442	253
Caribbean	186	193	163	81	142	89	87
Central	312	289	275	151	157	213	101
Northern	...	...	...	...	...	...	...
Southern	656	277	286	163	190	139	65
Europe	649	449	114	292	8	15	18
Eastern	303	220	34	259	...	9	9
Northern	...	...	...	...	...	...	...
Southern	345	230	80	33	8	5	9
Western	...	...	...	...	...	...	...
Oceania	...	...	...	...	...	...	...
Australia and New Zealand	...	...	...	...	...	...	...
Melanesia	...	...	...	...	...	...	...
Micronesia	...	...	...	...	...	...	...
Polynesia	...	...	...	...	...	...	...
Developed countries	649	449	114	292	8	15	18
Africa	...	...	...	...	...	...	...
America	...	...	...	...	...	...	...
Asia	...	...	...	...	...	...	...
Europe	649	449	114	292	8	15	18
Oceania	...	...	...	...	...	...	...
Developing countries	8 755	6 922	8 247	6 405	5 870	5 371	3 797
Africa	3 457	2 091	3 659	3 313	2 914	3 069	2 239
America	1 153	758	723	395	489	442	253
Asia	4 145	4 074	3 865	2 698	2 468	1 860	1 306
Oceania	...	...	...	...	...	...	...
Europe	...	...	...	...	...	...	...
Special Groupings							
Near East*	747	890	1 631	920	1 094	742	866
Near East & North Africa	805	929	1 668	947	1 130	771	877
Sub-Saharan Africa**	3 219	2 018	3 596	3 189	2 871	3 035	2 204
East-SouthEastAsia***	291	1 700	1 354	1 253	1 214	1 041	302
Lat.America&Caribbean	1 153	758	723	395	489	442	253

* In Africa and Asia ** Excluding South Africa *** Excluding China

a: Includes shipments channelled through multilateral organizations for which break down for recipient is not available.

8.5 Food Aid Shipments (Cereals) to Main Recipient Countries in 2006

Country	Quantity (thousand MT)	% of total food aid	Country	Quantity (thousand MT)	% of total food aid
Ethiopia	504	10.8	Armenia	86	1.9
Sudan	425	9.1	Philippines	83	1.8
Kenya	245	5.2	Haiti	82	1.8
Bangladesh	152	3.3	Occupied Palestinian Territory	82	1.8
Afghanistan	147	3.2	Mozambique	81	1.7
Korea, Democratic People's Republi	134	2.9	Congo, Democratic Republic of	80	1.7
Somalia	115	2.5	Zimbabwe	68	1.5
Jordan	109	2.3	Chad	61	1.3
Georgia	95	2.0	Kyrgyzstan	58	1.2
Niger	93	2.0	Tajikistan	55	1.2

8.6 Selected Cereal Market Indicators

	Average 2003/2004 - 2007/-2008	2006/2007	2007/2008	2008/2009	2009/10	2010/2011
1. Ratio of World Stocks to utilization (%)						
Wheat	26.6	25.8	22.2	27.1	30.2	27.7
Coarse grains	16.7	15.1	15.8	19.2	19.1	17.9
Rice	24.5	23.9	24.9	27.4	27.2	29.0
Cereals (total)	21.2	20.1	19.6	23.2	24.0	23.0
2. Ratio of Five Major Grain Exporters						
Supplies to Normal Market Requirements	125	116.0	120.0	124.0	120.0	118.0
3. Closing Stocks as a percentage of						
Total Disappearance of Major Exporters						
Wheat	18.3	15.8	11.8	17.2	21.5	18.6
Coarse grains	14.2	12.0	12.0	14.5	12.5	10.0
Rice	15.7	15.4	17.5	21.2	16.4	17.8
Cereals (total)	16.1	14.4	13.8	17.6	16.8	15.5
	Annual Trend	Percentage Change from Previous Year				
	Growth Rate					
	2000-2009	2006	2007	2008	2009	2010
4. Changes in World Cereal Production	2.2	-1.6	5.6	7.2	-1.1	-1.0
5. Changes in Cereal Production in the						
Low-income Food deficit Countries (LIFDCs)	2.4	4.4	2.3	4.3	0.7	1.9
6. Changes in Cereal Production in LIFDCs						
less China and India	3.9	4.0	-0.2	5.3	5.6	0.5
	Average	Change from Previous Year (percentage)				
	2003-2007	2006	2007	2008	2009	2010*
7. Selected cereal Price Indices						
Wheat	106.2	17.1	49.1	31.5	-34.6	-10.8
Maize	103.5	23.3	34.1	36.5	-25.5	-2.7
Rice	118.6	9.9	17.3	83.7	-14.1	-12.2

Crop Prospects and Food Situation - No. 3 Sep. 2010:

http://intranet.fao.org/searchframe.jsp?search_string=crop%2Bprospects%2Band%2Bfood%2Bsituation&search_type=webg

Notes:

Utilization is defined as the sum of food use, feed and other uses.

Cereals refer to wheat, coarse grains and rice; **Grains** refer to wheat and coarse grains.

Major Grain Exporters are Argentina, Australia, Canada, the EU, and the United States; *Major Rice Exporters* are India, Pakistan, Thailand, the United States, and Viet Nam.

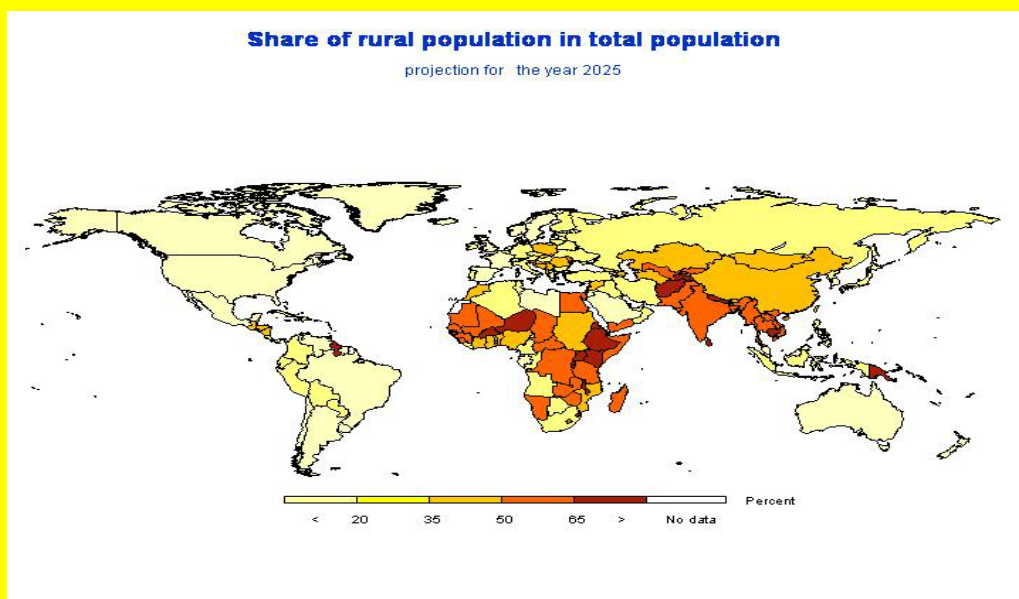
Normal Market Requirements for major grain exporters are defined as the average of domestic utilization plus exports in the three preceding seasons.

Disappearance is defined as domestic utilization plus exports for any given season.

Price indices: The wheat price index has been constructed based on the IGC wheat price index, rebased to 2002-2004 = 100; For maize, the U.S. maize No. 2 Yellow (delivered U.S. Gulf ports) with base 2002-2004= 100; For rice, the FAO Rice Price Index, 2002-2004 = 100, is based on 16 rice export quotations.

* January - April average

PROJECTIONS



9.1 Total Population and Projections

World/Region	1990	2000	2010	2020	2030	2040	2050
	(million)						
Continental groupings							
WORLD	5 280	6 115	6 909	7 675	8 309	8 801	9 150
Africa	639	819	1 033	1 276	1 524	1 770	1 998
Eastern	193	253	327	420	518	617	711
Middle	73	98	129	164	202	238	273
Northern	148	180	213	248	277	302	321
Southern	42	51	58	61	64	66	67
Western	183	238	306	383	463	546	626
Asia	3 112	3 698	4 167	4 596	4 917	5 125	5 231
Central	...	55	61	68	74	77	79
Eastern	1 337	1 472	1 564	1 640	1 666	1 650	1 600
South-Eastern	440	517	590	654	706	745	766
Southern	1 200	1 463	1 719	1 960	2 158	2 309	2 415
Western	136	190	233	274	312	345	372
America	725	840	940	1 029	1 100	1 150	1 178
Caribbean	34	39	42	45	48	49	49
Central	112	135	153	170	184	193	197
Northern	283	319	352	383	410	431	448
Southern	296	347	393	430	458	475	483
Europe	777	727	733	733	723	708	691
Eastern	385	304	291	282	268	254	240
Northern	84	94	99	103	107	110	113
Southern	132	145	154	157	157	156	154
Western	176	183	189	191	191	189	185
Oceania	27	31	36	40	45	48	51
Australia and New Zealand	20	23	26	28	31	32	34
Melanesia	5	7	9	11	12	14	16
Micronesia	0	0	1	1	1	1	1
Polynesia	1	1	1	1	1	1	1
Developed countries	1 204	1 195	1 237	1 268	1 282	1 282	1 275
Africa							
America	283	319	352	383	410	431	448
Asia	123	127	127	124	117	110	102
Europe	777	727	733	733	723	708	691
Oceania	20	23	26	28	31	32	34
Developing countries	4 076	4 920	5 671	6 406	7 027	7 519	7 875
Africa	639	819	1 033	1 276	1 524	1 770	1 998
America	442	521	589	646	690	718	729
Asia	2 989	3 572	4 040	4 473	4 799	5 016	5 130
Oceania	6	8	10	12	14	16	17
Europe							
Special Groupings							
Near East*	290	366	448	530	607	675	730
Near East & North Africa	348	435	526	619	703	777	836
Sub-Saharan Africa**	482	630	813	1 029	1 254	1 481	1 697
East-SouthEastAsia***	628	716	792	854	902	930	940
Lat.America&Caribbean	442	521	589	646	690	718	729

* In Africa and Asia ** Excluding South Africa *** Excluding China

9.2 Average Annual Growth Rate of Total Population and Projections

World/Region	2000-2010	2010-2020	2020-2030	2030-2040	2040-2050
Average annual rate of growth (%)					
Continental groupings					
WORLD	1.5	1.2	1.1	0.8	0.6
Africa	2.5	2.3	2.1	1.8	1.5
Eastern	2.7	2.6	2.5	2.1	1.7
Middle	3.0	2.7	2.4	2.0	1.7
Northern	1.9	1.7	1.5	1.1	0.9
Southern	2.0	1.2	0.5	0.5	0.3
Western	2.6	2.5	2.2	1.9	1.6
Asia	1.7	1.2	1.0	0.7	0.4
Central	...	1.0	1.1	0.7	0.5
Eastern	1.0	0.6	0.5	0.2	-0.1
South-Eastern	1.6	1.3	1.0	0.8	0.5
Southern	2.0	1.6	1.3	1.0	0.7
Western	3.4	2.0	1.6	1.3	1.0
America	1.5	1.1	0.9	0.7	0.4
Caribbean	1.2	0.9	0.7	0.5	0.3
Central	1.8	1.2	1.0	0.8	0.5
Northern	1.2	1.0	0.9	0.7	0.5
Southern	1.6	1.2	0.9	0.6	0.4
...
Europe	-0.7	0.1	0.0	-0.1	-0.2
Eastern	-2.4	-0.4	-0.3	-0.5	-0.6
Northern	1.1	0.5	0.4	0.4	0.3
Southern	0.9	0.6	0.2	-0.0	-0.1
Western	0.4	0.3	0.1	0.0	-0.1
Oceania	1.5	1.4	1.2	1.0	0.8
Australia and New Zealand	1.2	1.1	0.9	0.8	0.6
Melanesia	2.4	2.2	1.9	1.6	1.3
Micronesia	1.7	1.4	1.2	1.0	0.7
Polynesia	1.3	0.8	0.8	0.7	0.5
Developed countries	-0.1	0.3	0.2	0.1	0.0
Africa					
America	1.2	1.0	0.9	0.7	0.5
Asia	0.3	0.0	-0.3	-0.5	-0.7
Europe	-0.7	0.1	0.0	-0.1	-0.2
Oceania	1.2	1.1	0.9	0.8	0.6
Developing countries	1.9	1.4	1.2	0.9	0.7
Africa	2.5	2.3	2.1	1.8	1.5
America	1.6	1.2	0.9	0.7	0.4
Asia	1.8	1.2	1.0	0.7	0.4
Oceania	2.3	2.1	1.8	1.5	1.2
Europe					
Special Groupings					
Near East*	2.3	2.0	1.7	1.3	1.1
Near East & North Africa	2.2	1.9	1.6	1.3	1.0
Sub-Saharan Africa**	2.7	2.5	2.4	2.0	1.7
East-SouthEastAsia***	1.3	1.0	0.8	0.5	0.3
Lat.America&Caribbean	1.6	1.2	0.9	0.7	0.4

* In Africa and Asia ** Excluding South Africa *** Excluding China

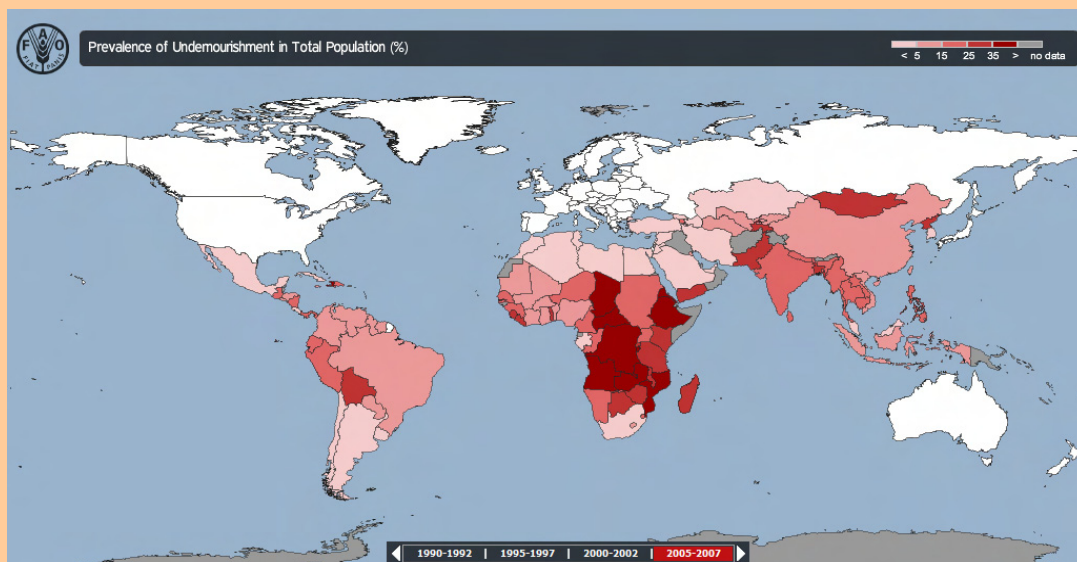
9.3 Projections for the year 2020 and Average Annual Growth Rate for 2010-2020

of Total Population, Total Labour Force and Labour Force in Agriculture

World/Region	Agricultural population	Total Labour force	Agricultural Labour Force	Agricultural population	Total Labour force	Agricultural Labour Force
	(million)			average annual rate of growth (%)		
	2020			2010-2020		
Continental groupings						
WORLD	2 618	3 692	1 334	-0.02	1.18	0.19
Africa	582	534	261	1.84	4.07	2.80
Eastern	285	208	144	2.73	4.58	3.56
Middle	82	67	34	1.97	4.06	2.29
Northern	59	91	21	-0.90	3.18	0.03
Southern	6	23	2	-2.65	1.57	-1.60
Western	149	146	60	1.64	4.42	2.63
Asia	1 912	2 263	1 014	-0.22	1.84	0.14
Central	12	34	6	-1.77	2.69	-0.53
Eastern	794	946	466	-0.74	0.66	-0.82
South-Eastern	247	345	142	-0.36	2.32	0.38
Southern	827	843	388	0.44	2.98	1.41
Western	32	96	14	-1.91	2.87	-1.57
America	86	516	40	-2.15	1.81	-1.48
Caribbean	9	20	4	-0.66	1.52	0.01
Central	28	75	11	-1.86	2.41	-1.18
Northern	5	197	2	-3.03	1.19	-3.19
Southern	44	224	23	-2.51	2.22	-1.66
Europe	31	357	15	-5.12	0.06	-5.04
Eastern	20	140	10	-5.01	-0.49	-4.93
Northern	2	53	1	-3.77	0.71	-3.54
Southern	6	73	3	-5.48	0.62	-5.34
Western	3	91	1	-6.06	0.12	-6.27
Oceania	8	21	4	1.27	2.15	2.06
Australia and New Zealand	1	15	1	-0.56	1.55	-0.42
Melanesia	6	5	3	1.79	4.14	2.82
Micronesia	0	0	0	-0.53	2.53	...
Polynesia	0	0	0	-2.84	1.96	-1.82
Developed countries	38	629	19	-4.97	0.31	-4.97
Africa						...
America	5	197	2	-3.03	1.19	-3.19
Asia	1	60	1	-9.40	-1.08	-10.17
Europe	31	357	15	-5.12	0.06	-5.04
Oceania	1	15	1	-0.56	1.55	-0.42
Developing countries	2 580	3 063	1 315	0.15	2.31	0.58
Africa	582	534	261	1.84	4.07	2.80
America	81	320	38	-2.10	2.22	-1.37
Asia	1 911	2 203	1 014	-0.21	1.94	0.15
Oceania	7	6	3	1.61	3.91	2.63
Europe						
Special Groupings						
Near East*	109	187	40	-0.39	3.34	0.26
Near East & North Africa	125	223	47	-0.53	3.22	0.13
Sub-Saharan Africa**	541	443	247	2.17	4.43	3.06
East-SouthEastAsia***	255	446	146	-0.58	1.69	0.16
Lat.America&Caribbean	81	320	38	-2.10	2.22	-1.37

* In Africa and Asia ** Excluding South Africa *** Excluding China

SELECTED FOOD AND AGRICULTURE INDICATORS BY COUNTRY



The Hunger map: <http://www.fao.org/hunger/en/>

10.1 Selected Food and Agriculture Indicators by Country

Region/Country	Population (thousands)	Per caput food availability (kcal/day)	Per caput GNI (US\$)	Agricultural labour force in total labour force (%)	Food exports in total export value (%)
	2009	2005-2007	2008	2009	2007
AFRICA					
Eastern Africa					
Burundi	8 303	1 680	140	89	2
Comoros	870	1 857	750	70	31
Djibouti	864	2 264	1 130	75	98
Eritrea	5 073	1 587	300	74	19
Ethiopia	82 825	1 952	280	78	27
Kenya	39 802	2 060	770	71	16
Madagascar	19 625	2 133	410	71	11
Malawi	15 263	2 127	290	80	32
Mauritius	1 288	2 936	6 400	9	14
Mayotte	...	...	...	...	...
Mozambique	22 894	2 071	370	81	6
Réunion	827	...	...	2	...
Rwanda	9 998	2 054	410	90	3
Seychelles	84	2 426	10 290	74	1
Somalia	9 133	1 762	...	66	26
Tanzania	43 739	2 017	440	76	13
Uganda	32 710	2 247	420	75	9
Zambia	12 935	1 885	950	64	2
Zimbabwe	12 523	2 207	...	57	5
Middle Africa					
Angola	18 498	1 949	3 450	70	0
Cameroon	19 522	2 259	1 150	49	14
Central Afr .Republic	4 422	1 956	410	64	9
Chad	11 206	2 040	530	67	1
Congo, Dem Rep.	66 020	1 585	150	58	0
Congo, Rep.	3 683	2 513	1 970	33	0
Equatorial Guinea	676	...	14 980	65	0
Gabon	1 475	2 730	7 240	27	0
Sao Tome & Principe	163	2 662	1 020	58	63
Northern Africa					
Algeria	34 895	3 104	4 260	22	0
Egypt	82 999	3 163	1 800	26	6
Libya	6 420	3 144	11 590	3	0
Morocco	31 993	3 230	2 580	26	9
Sudan	42 272	2 266	1 130	53	3
Tunisia	10 272	3 312	3 290	21	8
Western Sahara	513	...	...	31	...
Southern Africa					
Botswana	1 950	2 235	6 470	42	3
Bouvet Is.	...	...	...	...	...
Lesotho	2 067	2 468	1 080	40	0
Namibia	2 171	2 349	4 200	34	6
South Africa	50 110	2 986	5 820	7	4
Swaziland	1 185	2 307	2 520	29	9
Western africa					
Benin	8 935	2 512	690	45	18
Burkina Faso	15 757	2 669	480	92	11
Cape Verde	506	2 549	3 130	17	2
Côte d'Ivoire	21 075	2 515	980	39	31
Gambia	1 705	2 345	390	76	90
Ghana	23 837	2 849	670	55	34
Guinea	10 069	2 529	434	80	4

10.1b Selected Food and Agriculture Indicators by Country

Region/Country	Population (thousands)	Per caput food availability (kcal/day)	Per caput GNI (US\$)	Agricultural labour force in total labour force (%)	Food exports in total export value (%)
	2009	2005-2007	2008	2009	2007
Guinea-Bissau	1 611	2 288	250	80	76
Liberia	3 955	2 163	170	63	1
Mali	13 010	2 579	580	76	7
Mauritania	3 291	2 823	893	50	1
Niger	15 290	2 306	330	83	12
Nigeria	154 729	2 708	1 160	26	1
Senegal	12 534	2 318	970	71	12
Sierra Leone	5 696	2 128	320	61	8
St. Helena	4	...	...	50	...
Togo	6 619	2 146	400	54	23
Asia					
Central Asia					
Kazakhstan	15 637	3 359	6 140	14	4
Kyrgyzstan	5 482	2 672	740	21	12
Tajikistan	6 952	2 127	600	28	8
Turkmenistan	5 110	2 754	2 840	30	0
Uzbekistan	27 488	2 525	910	22	4
Eastern Asia					
China	1 353 311	2 974	3 089	61	1
Japan	127 156	2 806	38 210	2	0
Korea P. Dem. Rep.	23 906	2 146	...	24	0
Korea Rep.	48 333	3 074	21 530	6	0
Mongolia	2 671	2 254	1 680	18	1
South Eastern Asia					
Brunei Darussalam	400	2 987	...	1	0
Cambodia	14 805	2 245	600	66	0
Indonesia	229 965	2 535	2 010	42	9
Laos	6 320	2 227	740	75	1
Malaysia	27 468	2 908	6 970	13	7
Myanmar	50 020	2 438	...	67	7
Philippines	91 983	2 518	1 890	34	5
Singapore	4 737	...	34 760	0	1
Thailand	67 764	2 529	2 840	49	7
Timor-Leste	1 134	2 016	2 460	80	1
Viet Nam	88 069	2 769	890	64	6
Southern Asia					
Afghanistan	28 150	1 992	...	60	27
Bangladesh	162 221	2 250	520	46	1
Bhutan	697	...	1 900	93	1
India	1 198 003	2 301	1 070	55	7
Iran	74 196	3 042	5 352	22	1
Maldives	309	2 676	3 630	16	0
Nepal	29 331	2 349	400	93	5
Pakistan	180 808	2 251	980	39	10
Sri Lanka	20 238	2 392	1 780	43	4
Western Asia					
Armenia	3 083	2 250	3 350	10	2
Azerbaijan	8 832	2 996	3 830	23	7
Bahrain	791	...	...	1	0
Cyprus	871	3 199	...	6	16

10.1c Selected Food and Agriculture Indicators by Country

Region/Country	Population (thousands)	Per caput food availability (kcal/day)	Per caput GNI (US\$)	Agricultural labour force in total labour force (%)	Food exports in total export value (%)
	2009	2005-2007	2008	2009	2007
Georgia	4 260	2 813	2 470	16	11
Iraq	30 747	2 303	...	6	0
Israel	7 170	3 540	24 700	2	3
Jordan	6 316	2 977	3 310	7	11
Kuwait	2 985	3 038	...	1	0
Lebanon	4 224	3 107	6 350	2	8
Oman	2 845	...	...	29	2
Palest, O.T.	4 277	2 135	...	8	10
Qatar	1 409	...	...	1	0
Saudi Arabia	25 721	3 133	18 973	5	1
Syria	21 906	3 049	2 090	20	20
Turkey	74 816	3 482	9 340	33	5
United Arab Em.	4 599	3 138	...	3	1
Yemen	23 580	2 032	950	40	1
America					
Caribbean					
Anguilla	15	...	...	14	...
Antigua and Barbuda	88	2 319	13 620	21	3
Aruba	107	...	...	20	0
Bahamas	342	2 701	20 699	3	0
Barbados	256	3 055	...	3	11
Br. Virgin Is.	23	...	...	20	0
Cayman Is.	56	...	...	21	...
Cuba	11 204	3 295	...	11	6
Dominica	67	3 115	4 770	21	32
Dominican Rep.	10 090	2 263	4 390	11	18
Grenada	104	2 424	5 710	20	21
Guadeloupe	465	...	...	1	...
Haiti	10 033	1 848	660	59	3
Jamaica	2 719	2 848	4 870	18	9
Martinique	405	...	...	2	...
Montserrat	6	...	...	33	1
Netherlands Antilles	198	2 965	...	...	0
Puerto Rico	3 982	...	...	1	...
St. Kitts and Nevis	52	2 452	10 960	23	0
St. Lucia	172	2 744	5 530	20	14
St. Vincent	109	2 806	5 140	21	40
Trinidad and Tobago	1 339	2 713	16 540	7	1
Turks Caicos	33	...	...	21	...
Us Virgin Islands	110	...	...	20	...
Central America					
Belize	307	2 719	3 820	24	55
Costa Rica	4 579	2 813	6 060	16	24
El Salvador	6 163	2 585	3 480	23	10
Guatemala	14 027	2 171	2 680	39	25
Honduras	7 466	2 601	1 800	25	21
Mexico	109 610	3 245	9 980	17	4
Nicaragua	5 743	2 400	1 080	15	49
Panama	3 454	2 451	6 180	16	42
Northern America					
Bermuda	65	2 543	...	3	0
Canada	33 573	3 530	41 730	2	6

10.1d Selected Food and Agriculture Indicators by Country

Region/Country	Population (thousands)	Per caput food availability (kcal/day)	Per caput GNI (US\$)	Agricultural labour force in total labour force (%)	Food exports in total export value (%)
	2009	2005-2007	2008	2009	2007
Greenland	57	...	...	...	5
St Pierre et Miquelon	6	...	...	...	0
USA	314 659	3 770	47 580	2	6
South america					
Argentina	40 276	3 001	7 200	8	35
Bolivia	9 863	2 093	1 460	41	10
Brazil	193 734	3 099	7 350	11	20
Chile	16 970	2 957	9 400	13	12
Colombia	45 660	2 662	4 660	15	8
Ecuador	13 625	2 304	3 640	19	15
Falkland Is	3	...	...	...	...
French Guiana	226	...	...	13	...
Guyana	762	2 753	1 420	15	36
Paraguay	6 349	2 622	2 180	25	71
Peru	29 165	2 426	3 990	25	5
South Georgia	...	...	...	...	...
Suriname	520	2 468	4 990	17	2
Uruguay	3 361	2 818	8 260	11	47
Venezuela	28 583	2 582	9 230	5	0
Europe					
Eastern Europe					
Belarus	9 634	3 086	5 380	9	6
Bulgaria	7 545	2 761	5 490	4	6
Czech Rep.	10 369	3 317	16 600	6	3
Hungary	9 993	3 438	12 810	8	5
Moldova Rep.	3 604	2 907	1 470	16	25
Poland	38 074	3 397	11 880	17	8
Romania	21 275	3 510	7 930	10	3
Russian Fed.	140 874	3 272	9 620	8	2
Slovakia	5 406	2 885	14 540	7	3
Ukraine	45 708	3 230	3 210	11	6
Northern Europe					
Denmark	5 470	3 397	59 130	3	12
Estonia	1 340	3 129	14 270	9	4
Faeroe Is.	50	...	...	4	0
Finland	5 326	3 215	48 120	4	1
Iceland	323	3 330	40 070	6	0
Ireland	4 515	3 532	49 590	7	8
Latvia	2 249	3 019	11 860	10	7
Lithuania	3 287	3 419	11 870	8	12
Norway	4 812	3 455	87 070	3	0
Sweden	9 249	3 116	50 940	2	2
United Kingdom	61 796	3 442	45 390	1	3
Southern Europe					
Albania	3 155	2 904	3 840	42	1
Andorra	86	...	...	5	...
Bosnia Herzegovina	3 767	3 084	4 510	3	4
Croatia	4 416	2 987	13 570	5	7
Gibraltar	31	...	...	7	...

10.1e Selected Food and Agriculture Indicators by Country

Region/Country	Population (thousands)	Per caput food availability (kcal/day)	Per caput GNI (US\$)	Agricultural labour force in total labour force (%)	Food exports in total export value (%)
	2009	2005-2007	2008	2009	2007
Greece	11 161	3 700	28 650	12	14
Holy See	1	...	...	...	...
Italy	59 870	3 657	35 240	3	4
Macedonia	2 042	2 983	4 140	8	6
Malta	409	3 592	...	1	2
Montenegro	624	1 630	6 440	13	1
Portugal	10 707	3 583	20 560	9	4
San Marino	31	...	...	7	...
Serbia	9 850	1 819	5 700	13	16
Slovenia	2 020	3 220	24 010	1	3
Spain	44 904	3 271	31 960	5	10
Western Europe					
Austria	8 364	3 760	46 260	4	4
Belgium	10 647	3 690	44 330	1	6
France	62 343	3 553	42 250	2	7
Germany	82 167	3 530	42 440	2	3
Liechtenstein	36	...	...	...	...
Luxembourg	486	3 685	84 890	1	3
Monaco	33	...	...	...	...
Netherlands	16 592	3 243	50 150	3	8
Switzerland	7 568	3 421	65 330	3	2
Oceania					
Australia and New Zealand					
Australia	21 293	3 186	40 350	4	12
New Zealand	4 266	3 150	27 940	8	43
Norfolk Islands	...	...	...	...	...
Melanesia					
Fiji Islands	849	3 033	3 930	36	27
New Caledonia	250	2 789	...	31	0
Papua New Guinea	6 732	2 408	1 010	70	8
Solomon Is.	523	2 434	1 180	68	16
Vanuatu	240	2 722	2 330	31	61
Micronesia					
Kiribati	98	2 893	2 000	23	7
Guam	178	...	...	23	0
Marshall Is	62	...	3 270	23	12
Micronesia	111	...	2 340	24	1
Nauru	10	...	...	20	...
Northern Marianas	87	...	...	24	...
Palau	20	...	8 650	20	...
Polynesia					
American Samoa	67	...	...	30	0
Cook Is.	20	...	...	25	20
French Polynesia	269	2 924	...	28	8
Niue	1	...	...	...	8
Pitcairn Is	...	...	...	...	...
Tokelau	1	...	...	...	...
Tonga	104	...	2 560	27	17
Tuvalu	10	...	...	25	...
Wallis Futuna Is.	15	...	...	33	0
Samoa	179	2 878	2 780	28	20

ANNEXES

Annex I: Glossary of Symbols and Acronyms used

US\$	United States dollars
%	percent
Int.\$	International dollars
MLN	million
ha	hectare
tonne	metric tonne
m	metre
km	kilometre
km ³	cubic kilometres
m ³	cubic metres
kcal/day	calories per day
...	data not available
0 or 0.0	zero or less than half of the unit shown

To divide decimals from whole numbers, a full stop (.) is used

ILO	International Labour Organization
IMF	International Monetary Fund
OECD	Organisation for Economic Co-operation and Development
UN	United Nations

Annex II: Sources

The majority of tables are based on data available in the FAO Statistical database (FAOSTAT) as of October 2010 <http://faostat.fao.org/default.aspx>

Other sources used are listed below:

Table	Source
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1.1, 1.2	World Bank , <i>World Development Indicators database</i>
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1.6	International Monetary Fund (IMF) , <i>Government Finance Statistics Yearbook</i>
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3.3	FAO FORESTRY: http://www.fao.org/forestry/en/
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4.2	I.A. Shikomanov . 1996. <i>Assessment of water resources and water availability in the world</i> (Scientific and Technical Report). St. Petersburg, Russia. State Hydrological Institute
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4.3, 4.4	FAO AQUASTAT http://www.fao.org/nr/water/aquastat/main/index.stm
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7.1 - 7.11	FAO FISHSTAT (http://www.fao.org/fi/default_all.asp)
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8.3	http://www.fao.org/economic/ess/food-security-statistics/en/
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8.6	FAO . <i>Assessment of the World Food Security Situation. Committee on World Food Security. Rome - Crop Prospects and Food Situation - No. 3 Sep. 2010</i> http://intranet.fao.org/searchframe.jsp?search_string=crop%2Bprospects%2Band%2Bfood%2Bsituation&search_type=webq
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10.1	World Bank , <i>World Development Indicators database</i> (for Gross National Income (GNI) data)
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Annex III: Country Group Composition

For Country groups composition reference is made to the **M49 list and classification** of Territories and Countries elaborated by UNSD

For details go to : <http://unstats.un.org/unsd/methods/m49/m49alpha.htm>



DEVELOPED COUNTRIES



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In Asia

Japan

In America

Bermuda	Canada	Greenland	St.Pierre et Miquelon	United States of America
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In Europe

Albania	Denmark	Iceland	Moldova Republic	Serbia
Andorra	Estonia	Ireland	Monaco	Slovakia
Austria	Faeroe Islands	Isle of Man	Montenegro	Slovenia
Belarus	Finland	Italy	Netherlands	Spain
Belgium	France	Latvia	Norway	Svalbard Islands
Bosnia and Herzegovina	Germany	Liechtenstein	Poland	Sweden
Bulgaria	Gibraltar	Lithuania	Portugal	Switzerland
Channel Islands	Greece	Luxembourg	Romania	United Kingdom
Croatia	Holy See	Macedonia	Russian Federation	Ukraine
Czech Republic	Hungary	Malta	San Marino	

In Oceania

Australia	New Zealand	Norfolk Islands
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In Africa

Algeria	Comoros	Ghana	Mayotte	Somalia
Angola	Congo, Democratic Rep.	Guinea	Morocco	South Africa
Benin	Congo Republic	GuineaBissau	Mozambique	Saint Helena
Botswana	Côte d'Ivoire	Kenya	Namibia	Sudan
Bouvet Islands	Djibouti	Lesotho	Niger	Swaziland
British Indian Ocean Terr.	Egypt	Liberia	Nigeria	Tanzania
Burkina Faso	Equatorial Guinea	Libya	Réunion	Togo
Burundi	Eritrea	Madagascar	Rwanda	Tunisia
Cameroon	Ethiopia	Malawi	Sao Tome and Principe	Uganda
Cape Verde	French Southern Terr.	Mali	Senegal	Western Sahara
Central African Republic	Gabon	Mauritania	Seychelles	Zambia
Chad	Gambia	Mauritius	Sierra Leone	Zimbabwe

In Asia

Afghanistan	Georgia	Kyrgyzstan	Philippines	United Arab Emirates
Armenia	India	Laos	Qatar	Uzbekistan
Azerbaijan	Indonesia	Lebanon	Saudi Arabia	Viet Nam
Bahrain	Iran	Malaysia	Singapore	Yemen
Bangladesh	Iraq	Maldives	Sri Lanka	
Bhutan	Israel	Mongolia	Syria	
Brunei Darussalamsm	Jordan	Myanmar	Tajikistan	
Cambodia	Kazakhstan	Nepal	Thailand	
China	Korea Dem People's Rep	Oman	Timor-Leste	
Cyprus	Korea Republic	Pakistan	Turkey	
Gaza Strip	Kuwait	Palestine, O.T.	Turkmenistan	

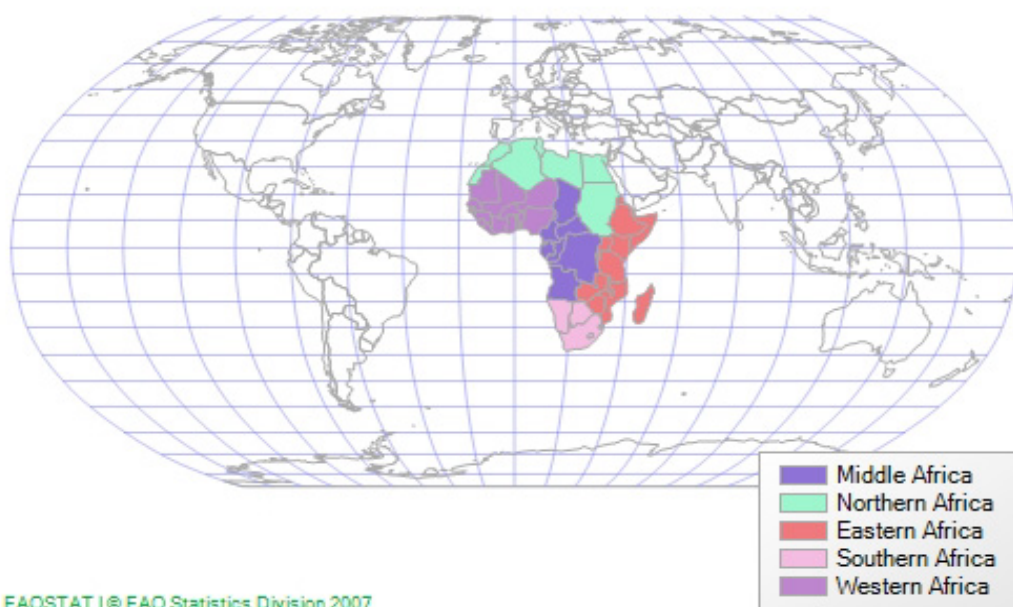
In Oceania

Amer Samoa	Guam	Northern Marianas	Pitcairn Island	Vanuatu
Canton and Enderbury Isl.	Heard Islands	Nauru	Samoa	Wake Island
Christmas Island	Johnston Island	New Caledonia	Solomon Islands	Wallis and Futuna Islands
Cocos Islands	Kiribati	Niue	Tokelau	
Cook Islands	Marshall Islands	Pacific Islands	Tongva	
Fiji Islands	Micronesia	Palau	Tuvalu	
French Polynesia	Midway Islands	Papua New Guinea	US Minor Islands	

.../...

In America

Anguilla	Cayman Islands	French Guiana	Montserrat	Saint Vincent
Antigua and Barbuda	Chile	Grenada	Netherlands Antilles	Suriname
Argentina	Colombia	Guadeloupe	Nicaragua	Trinidad and Tobago
Aruba	Costa Rica	Guatemala	Panama	Turks and Caicos Islands
Bahamas	Cuba	Guyana	Paraguay	Uruguay
Barbados	Dominica	Haiti	Peru	US Virgin Islands
Belize	Dominican Republic	Honduras	Puerto Rico	Venezuela
Bolivia	Ecuador	Jamaica	South Georgia	
Brazil	El Salvador	Martinique	St. Kitts and Nevis	
British Virgin Islands	Falkland Islands	Mexico	Saint Lucia	



Africa

Algeria	Comoros	Ghana	Mayotte	Somalia
Angola	Congo, Democratic Rep.	Guinea	Morocco	South Africa
Benin	Congo Republic	Guinea Bissau	Mozambique	Saint Helena
Botswana	Côte d'Ivoire	Kenya	Namibia	Sudan
Bouvet Islands	Djibouti	Lesotho	Niger	Swaziland
British Indian Ocean Terr.	Egypt	Liberia	Nigeria	Tanzania
Burkina Faso	Equatorial Guinea	Libya	Réunion	Togo
Burundi	Eritrea	Madagascar	Rwanda	Tunisia
Cameroon	Ethiopia	Malawi	Sao Tome and Principe	Uganda
Cape Verde	French Southern Terr.	Mali	Senegal	Western Sahara
Central African Republic	Gabon	Mauritania	Seychelles	Zambia
Chad	Gambia	Mauritius	Sierra Leone	Zimbabwe

Eastern Africa

Burundi	Ethiopia	Mauritius	Rwanda	Uganda
Comoros	Kenya	Mayotte	Seychelles	Zambia
Djibouti	Madagascar	Mozambique	Somalia	Zimbabwe
Eritrea	Malawi	Réunion	Tanzania	

Middle Africa

Angola	Central African Republic	Congo, Democratic Rep.	Equatorial Guinea	Sao Tome and Principe
Cameroon	Chad	Congo Republic	Gabon	

Northern Africa

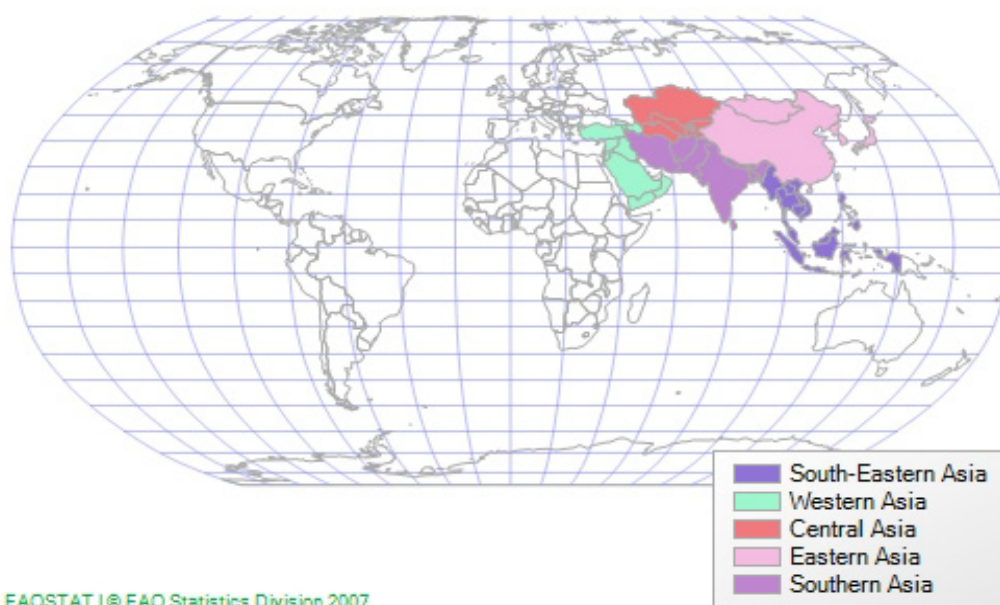
Algeria	Libya	Sudan	Tunisia	Western Sahara
Egypt	Morocco			

Southern Africa

Botswana	Lesotho	Namibia	South Africa	Swaziland
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Western Africa

Benin	Gambia	Liberia	Niger	Sierra Leone
Burkina Faso	Ghana	Mali	Nigeria	Saint Helena
Cape Verde	Guinea	Mauritania	Senegal	Togo
Côte d'Ivoire	Guinea Bissau			



Asia

Afghanistan	Georgia	Korea Republic	Oman	Thailand
Armenia	India	Kuwait	Pakistan	Timor-Leste
Azerbaijan	Indonesia	Kyrgyzstan	Palestine, O.T.	Turkey
Bahrain	Iran	Laos	Philippines	Turkmenistan
Bangladesh	Iraq	Lebanon	Qatar	United Arab Emirates
Bhutan	Israel	Malaysia	Saudi Arabia	Uzbekistan
Brunei Darussalam	Japan	Maldives	Singapore	Viet Nam
Cambodia	Jordan	Mongolia	Sri Lanka	Yemen
China	Kazakhstan	Myanmar	Syria	
Cyprus	Korea Dem.People's Rep.	Nepal	Tajikistan	

Central asia

Kazakhstan	Kyrgyzstan	Tajikistan	Turkmenistan	Uzbekistan
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Eastern asia

China	Japan	Korea Dem.People's Rep.	Korea Republic	Mongolia
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Southern asia

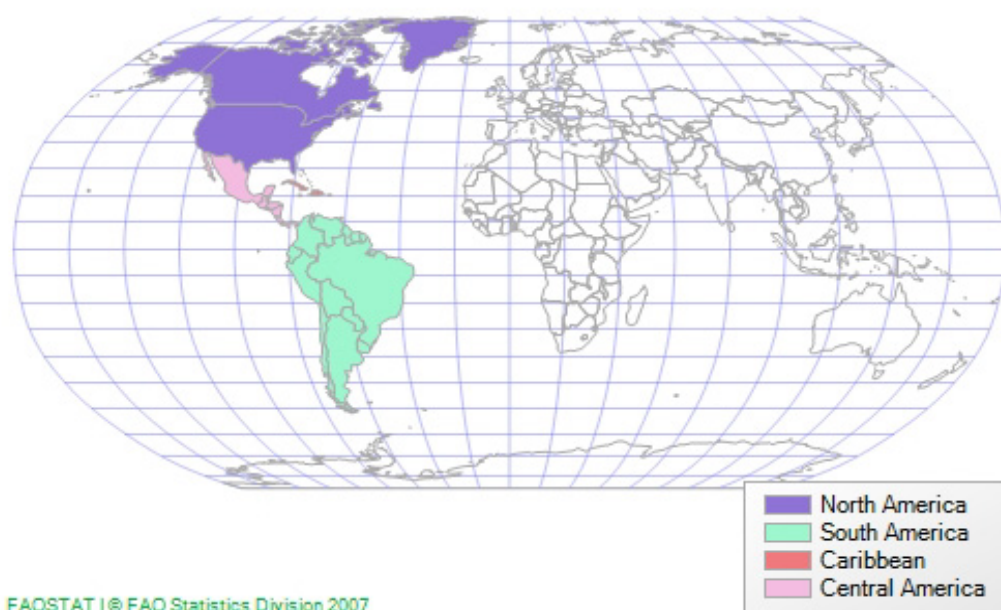
Afghanistan	Bhutan	Iran	Nepal	Sri Lanka
Bangladesh	India	Maldives	Pakistan	

South Eastern asia

Brunei Darussalam	Laos	Myanmar	Singapore	Timor-Leste
Cambodia	Malaysia	Philippines	Thailand	Viet Nam
Indonesia				

Western Asia

Armenia	Georgia	Kuwait	Qatar	Turkey
Azerbaijan	Iraq	Lebanon	Saudi Arabia	United Arab Emirates
Bahrain	Israel	Oman	Syria	Yemen
Cyprus	Jordan	Palestine, O.T.		



America

Anguilla	Canada	French Guiana	Mexico	Saint Lucia
Antigua and Barbuda	Cayman Islands	Greenland	Midway Islands	St.Pierre et Miquelon
Argentina	Chile	Grenada	Montserrat	Saint Vincent
Aruba	Colombia	Guadeloupe	Netherlands Antilles	Suriname
Bahamas	Costa Rica	Guatemala	Nicaragua	Trinidad and Tobago
Barbados	Cuba	Guyana	Panama	Turks and Caicos Islands
Belize	Dominica	Haiti	Paraguay	Uruguay
Bermuda	Dominican Republic	Honduras	Peru	US Virgin Islands
Bolivia	Ecuador	Jamaica	Puerto Rico	United States of America
Brazil	El Salvador	Johnston Island	South Georgia	Venezuela
British Virgin Islands	Falkland Islands	Martinique	St Kitts and Nevis	

South america

Argentina	Chile	Falkland Islands	Paraguay	Suriname
Bolivia	Colombia	French Guiana	Peru	Uruguay
Brazil	Ecuador	Guyana	South Georgia	Venezuela

Northern America

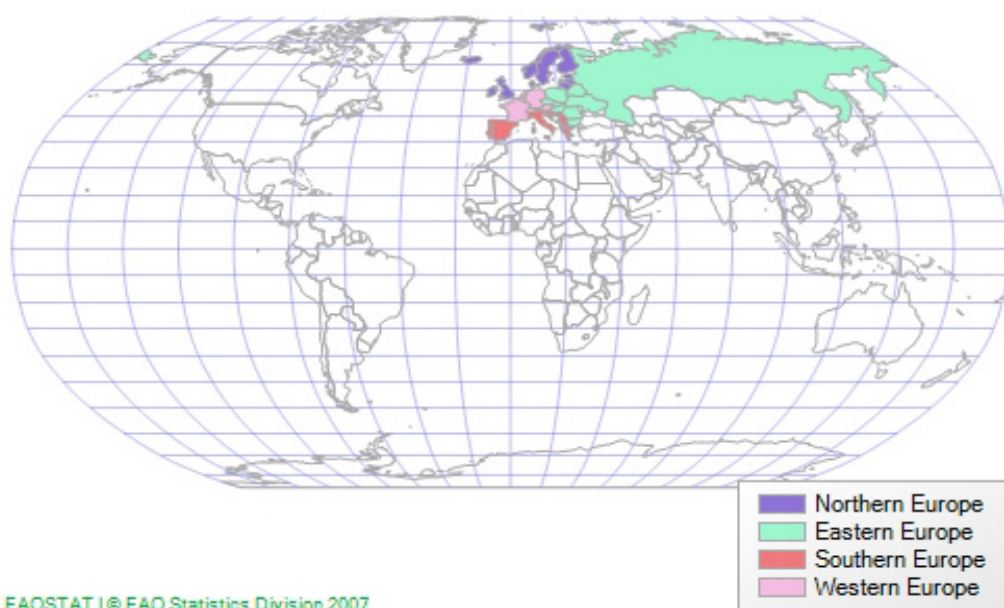
Bermuda	Canada	Greenland	St.Pierre et Miquelon	United States of America
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Central America

Belize	El Salvador	Honduras	Nicaragua	Panama
Costa Rica	Guatemala	Mexico		

Caribbean

Anguilla	British Virgin Islands	Grenada	Montserrat	Saint Vincent
Antigua and Barbuda	Cayman Islands	Guadeloupe	Netherlands Antilles	Trinidad and Tobago
Aruba	Cuba	Haiti	Puerto Rico	Turks and Caicos Islands
Bahamas	Dominica	Jamaica	St Kitts and Nevis	US Virgin Islands
Barbados	Dominican Republic	Martinique	Saint Lucia	



Europe

Albania	Denmark	Iceland	Moldova Republic	Serbia
Andorra	Estonia	Ireland	Monaco	Slovakia
Austria	Faeroe Islands	Isle of Man	Montenegro	Slovenia
Belarus	Finland	Italy	Netherlands	Spain
Belgium	France	Latvia	Norway	Svalbard Islands
Bosnia and Herzegovina	Germany	Liechtenstein	Poland	Sweden
Bulgaria	Gibraltar	Lithuania	Portugal	Switzerland
Channel Islands	Greece	Luxembourg	Romania	United Kingdom
Croatia	Holy See	Macedonia	Russian Federation	Ukraine
Czech Republic	Hungary	Malta	San Marino	

Eastern Europe

Belarus	Czech Republic	Moldova Republic	Romania	Slovakia
Bulgaria	Hungary	Poland	Russian Federation	Ukraine

Northern Europe

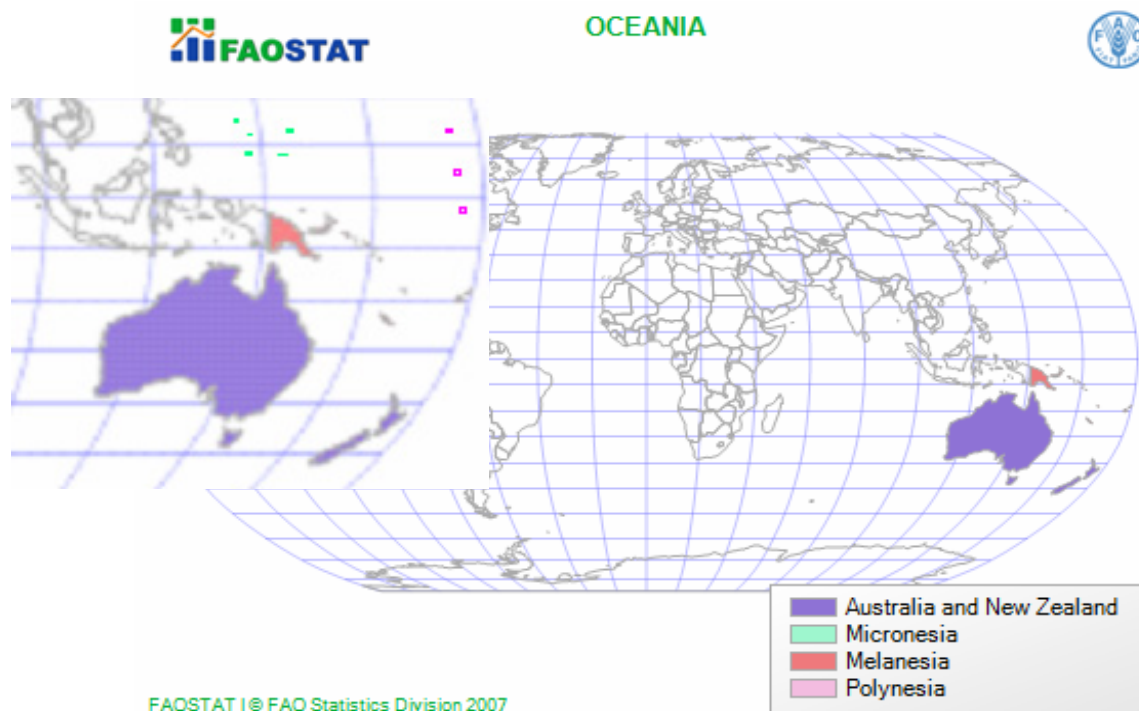
Channel Islands	Faeroe Islands	Ireland	Lithuania	Sweden
Denmark	Finland	Isle of Man	Norway	United Kingdom
Estonia	Iceland	Latvia	Svalbard Islands	

Southern Europe

Albania	Gibraltar	Italy	Montenegro	Serbia
Andorra	Greece	Macedonia	Portugal	Slovenia
Bosnia and Herzegovina	Holy See	Malta	San Marino	Spain
Croatia				

Western Europe

Austria	France	Liechtenstein	Monaco	Switzerland
Belgium	Germany	Luxembourg	Netherlands	



Oceania

Amer Samoa	French Polynesia	Midway Islands	Pacific Islands	Tonga
Australia	Guam	Northern Marianas	Palau	Tuvalu
Canton and Enderbury Isl.	Heard Islands	Nauru	Papua New Guinea	US Minor Islands
Christmas Island	Johnston Island	New Zealand	Pitcairn Island	Vanuatu
Cocos Islands	Kiribati	New Caledonia	Samoa	Wake Island
Cook Islands	Marshall Islands	Niue	Solomon Islands	Wallis and Futuna Islands
Fiji Islands	Micronesia	Norfolk Islands	Tokelau	

Australia-New Zealand

Australia	New Zealand	Norfolk Islands
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Melanesia

Fiji Islands	New Caledonia	Papua New Guinea	Solomon Islands	Vanuatu
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Micronesia

Guam	Marshall Islands	Northern Marianas	Nauru	Palau
Kiribati	Micronesia			

Polynesia

Amer Samoa	French Polynesia	Pitcairn Island	Tokelau	Tuvalu
Cook Islands	Niue	Samoa	Tonga	Wallis and Futuna Islands

Other (not in Database)

Canton and Enderbury Isl.	Cocos Islands	Johnston Island	Pacific Islands	Wake Island
Christmas Island	Heard Islands	Midway Islands	US Minor Islands	

Special Groupings

Africa South of Sahara (excluding South Africa)

Angola	Congo, Democratic Rep.	Guinea-Bissau	Namibia	Sudan
Benin	Congo Republic	Kenya	Niger	Swaziland
Botswana	Côte d'Ivoire	Lesotho	Nigeria	Tanzania
British Indian Ocean Ter	Djibouti	Liberia	Réunion	Togo
Burkina Faso	Equatorial Guinea	Madagascar	Rwanda	Uganda
Burundi	Eritrea	Malawi	Saint Helena	Western Sahara
Cameroon	Ethiopia	Mali	Sao Tome and Principe	Zambia
Cape Verde	Gabon	Mauritania	Senegal	Zimbabwe
Central African Republic	Gambia	Mauritius	Seychelles	
Chad	Ghana	Mayotte	Sierra Leone	
Comoros	Guinea	Mozambique	Somalia	

Near East (in Asia and Africa)

Afghanistan	Iran	Lebanon	Qatar	Turkey
Bahrain	Iraq	Libya	Saudi Arabia	United Arab Emirates
Cyprus	Jordan	Oman	Sudan	Yemen
Egypt	Kuwait	Palest, O.T.	Syria	

East-SouthEastAsia (excluding China)

Brunei Darussalam	Japan	Laos	Myanmar	Thailand
Cambodia	Korea Dem.People's Rep.	Malaysia	Philippines	Timor-Leste
Indonesia	Korea Republic	Mongolia	Singapore	Viet Nam

Near East and North Africa

Afghanistan	Iran	Libya	Saudi Arabia	Turkey
Algeria	Iraq	Morocco	Sudan	United Arab Emirates
Bahrain	Jordan	Oman	Syria	Western Sahara
Cyprus	Kuwait	Palest, O.T.	Tunisia	Yemen
Egypt	Lebanon	Qatar		

Latin America & Caribbean

Anguilla	Cayman Islands	French Guiana	Montserrat	Saint Vincent
Antigua and Barbuda	Chile	Grenada	Netherlands Antilles	Suriname
Argentina	Colombia	Guadeloupe	Nicaragua	Trinidad and Tobago
Aruba	Costa Rica	Guatemala	Panama	Turks and Caicos Islands
Bahamas	Cuba	Guyana	Paraguay	Uruguay
Barbados	Dominica	Haiti	Peru	US Virgin Islands
Belize	Dominican Republic	Honduras	Puerto Rico	Venezuela
Bolivia	Ecuador	Jamaica	South Georgia	
Brazil	El Salvador	Martinique	St Kitts and Nevis	
British Virgin Islands	Falkland Islands	Mexico	Saint Lucia	

Small Island Developing States (Fisheries only)

American Samoa	Cook Islands	Jamaica	New Caledonia	St Kitts and Nevis
Anguilla	Cuba	Kiribati	Niue	Saint Lucia
Antigua and Barbuda	Dominica	Maldives	Palau	Saint Vincent
Aruba	Dominican Republic	Marshall Islands	Papua New Guinea	Suriname
Bahamas	Fiji Islands	Mauritius	Puerto Rico	Timor-Leste
Bahrain	French Polynesia	Micronesia	Samoa	Tonga
Barbados	Grenada	Montserrat	Sao Tome and Principe	Trinidad and Tobago
Belize	Guam	Northern Marianas	Seychelles	Tuvalu
British Virgin Islands	Guinea Bissau	Nauru	Singapore	US Virgin Islands
Cape Verde	Guyana	Netherlands Antilles	Solomon Islands	Vanuatu
Comoros	Haiti			

MacroeconomicAgriculture, value added

Agriculture corresponds to the International Standard Industrial Classification (ISIC) divisions 1-5 and includes forestry, hunting, and fishing, as well as cultivation of crops and livestock production. Value added is the net output of the sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The origin of value added is determined by ISIC, revision 3. Data are in current U.S. dollars.

Gross National Income (GNI) per caput, Atlas method

GNI per caput (formerly Gross National Product (GNP) per caput) is the gross national income, converted to U.S. dollars using the World Bank Atlas method, divided by the midyear population. GNI is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. GNI, which is originally calculated in national currency, is usually converted to U.S. dollars at official exchange rates for comparisons across economies, although an alternative rate is used when the official exchange rate is judged to diverge by an exceptionally large margin from the rate actually applied in international transactions. To smooth fluctuations in prices and exchange rates, a special Atlas method of conversion is used by the World Bank. This applies a conversion factor that averages the exchange rate for a given year and the two preceding years, adjusted for differences in rates of inflation between the country, and through 2000, the G-5 countries (France, Germany, Japan, United Kingdom, and United States). From 2001, these countries include the Euro Zone, Japan, the United Kingdom, and the United States.

Gross Capital Formation

Gross capital formation (formerly gross domestic investment) consists of outlays on additions to the fixed assets of the economy plus net changes in the level of inventories. Fixed assets include land improvements (fences, ditches, drains, and so on); plant, machinery, and equipment purchases; and the construction of roads, railways, and the like, including schools, offices, hospitals, private residential dwellings, and commercial and industrial buildings. Inventories are stocks of goods held by firms to meet temporary or unexpected fluctuations in production or sales, and "work in progress". According to the 1993 SNA, net acquisitions of valuables are also considered capital formation. Data are in current U. S. dollars.

Gross Domestic Product (GDP)

GDP at purchaser prices is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in current U. S. dollars. Dollar figures for GDP are converted from domestic currencies using single year official exchange rates. For a few countries where the official exchange rate does not reflect the rate effectively applied to actual foreign exchange transactions, an alternative conversion factor is used.

External Assistance to Agriculture

External Assistance to Agriculture (EAA)

EAA refers to the concessional and non-concessional commitments made by bilateral and multilateral donors to developing countries and countries in transition for the development of agriculture in a broad sense which includes: land and water; research, training and extension; inputs; agricultural services; crop production; livestock; fisheries; forestry; agriculture (others, not elsewhere specified); environment protection; rural development/infrastructure; manufacturing of inputs; regional and river development; and agro-industries.

Concessional and non-concessional

If the commitment has a grant element not less than 25% it is considered as concessional otherwise it is considered as non-concessional.

Multilateral

Multilateral commitments are those made through an institution which:

- conducts all or part of its activities in favour of development;
- is an international agency, institution or organization whose members are Governments or a fund managed autonomously by such an agency; and
- pools funds so that they lose their identity and become an integral part of its financial assets.

Bilateral

Bilateral commitments are those where the donor effectively controls the disposal of the funds by specifying the recipient or other aspects of the disbursement (e.g. purpose, terms, total amount and re-use of any repayments).

Total Assistance

This represents total official commitments (bilateral and multilateral, concessional and nonconcessional) to aid recipients (developing countries and countries in transition) at current prices.

Government Expenditure

Government expenditure refers to all non-repayable payments, whether capital or current, required or not by government. Expenditures are shown by function or purpose at different levels of government administration - Central Government; State, Region or Province; and local governments. The data given in this document refer to the share of expenditure on agriculture, forestry, fishery and hunting (function) in the total government expenditure.

Gross Fixed Investment

This refers to total annual average investment in fixed assets excluding working capital.

Agricultural Population

This refers to all persons whose livelihood depends on agriculture. It comprises all persons actively assisting in the operation of family farms or businesses, whether as employers, own-account workers, salaried employees or unpaid workers and their non-working dependants.

Economically Active Population (total labour force)

This refers to all employed and unemployed persons (including those seeking work for the first time). It covers employers; self-employed workers; salaried employees; wage earners; unpaid and members of the armed forces.

Economically Active Population in Agriculture (agricultural labour force)

The economically active population in agriculture is that part of the economically active population engaged in or seeking work in agriculture, hunting, fishing or forestry.

Rural Population

This refers to the population residing in rural areas. Usually the urban areas and hence the urban population are defined and the residual is taken as rural. In practice, the criteria adopted for distinguishing between urban and rural areas vary among countries. However, these criteria can be roughly divided into three major groups: classification of localities of a certain size as urban; classification of administrative centres of minor civil divisions as urban; and classification of centres of minor civil divisions on a chosen criterion which may include type of local government, number of inhabitants or proportion of population engaged in agriculture.

Total Population

Generally refers to the present-in-area (de facto) population within the present national boundaries.

Land

Arable Land

Arable land refers to land under temporary crops (double-cropped areas are counted only once), temporary meadows for mowing or pasture, land under market and kitchen gardens and land temporarily fallow (less than five years). This category of land does not include abandoned land resulting from shifting cultivation. "Arable land" is not meant to indicate the amount of land that is potentially cultivable.

Forest Cover Land

Land with tree crown cover (or equivalent stocking level) of more than 10% and area of more than 0.5 ha. The trees should be able to reach a minimum height of 5 m at maturity in situ. This may consist either of closed forest formations where trees of various storeys and undergrowth cover a high proportion of the ground; or open forest formations with a continuous vegetation cover in which tree crown cover exceeds 10%. Young natural stands and all plantations established for forestry purposes which have yet to reach a crown density of 10% or tree height of 5 m are included under forest, as are areas normally forming part of the forest area which are temporarily unstocked as a result of human intervention or natural causes but which are expected to revert to forest.

These include: forest nurseries and seed orchards that constitute an integral part of the forest; forest roads, cleared tracts, firebreaks and other small open areas; forests in national parks, nature reserves and other protected areas such as those of specific scientific, historical, cultural or spiritual interest; windbreaks and shelterbelts of trees with an area of more than 0.5 ha and width of more than 20 m; plantations primarily used for forestry purposes, including rubberwood plantations and cork oak stands. Excludes: land predominantly used for agricultural practices

Land Area

Total country area, excluding area under inland water bodies. The definition of inland water bodies generally includes major rivers and lakes.

Land Availability

This refers to arable land plus land under permanent crops.

Land under Permanent Crops

Land cultivated with crops that occupy the land for long periods and need not be replanted after each harvest, such as cocoa, coffee and rubber. This category includes land under flowering shrubs, fruit trees, nut trees and vines, but excludes land under trees grown for wood or timber.

Total Area

The total area of the country, including area under inland water bodies.

Agricultural Inputs

Agricultural Tractors and Threshers/Harvesters

Agricultural tractors generally refer to wheel and crawler tractors (excluding garden tractors) used in agriculture. Harvester and threshers refer to self-propelled machines that reap and thresh in one operation.

Fertilizer Consumption

Fertilizer consumption refers to the total amount of fertilizers used. This is obtained by adding the volumes of nitrogenous, phosphate and potash fertilizers expressed in terms of plant nutrients (N, P2O5 and K2O). The time reference for fertilizer consumption is the crop year (July through June).

Fertilizer Production

The new Fertilizer datasets have been prepared using a revised methodology and new dissemination formats. These explanatory notes provide detailed methodology notes on the new fertilizer dataset in FAOSTAT. The previous fertilizer data collection series in FAOSTAT is continued with this data release.

The fertilizer statistics data received from individual countries in product format through the new FAO fertilizer resources questionnaire are converted to nutrients and validated for consistency regarding summary totals of production, imports, exports, consumption and including domestic availability for the three types of straight fertilizers (N), phosphates (P2O5), potash (K2O) and including complex fertilizers (NP, NPK). In addition, the fertilizer data is reviewed with regard to the quantities allocated for non-fertilizer use, fertilizer used for crop production, fertilizer used to manufacture other NPK compounds or blends among others.

Pesticides

Pesticides refers to insecticides, fungicides, herbicides, disinfectants and any substance intended for preventing, destroying, attracting, repelling, or controlling any pest including unwanted species of plants or animals during the production, storage, transport, distribution, and processing of food, agricultural commodities, or animal feeds of which may be administered to animals for the control of ectoparasites. Differences between figures given for total exports and total imports of any one commodity may be due to several factors, e.g. the time lag between the dispatch of goods from the exporting country and their arrival in the importing country; the use of a different classification of the same product by different countries; or the fact that some countries supply data on general trade while others give data on special trade.

Pesticides Production

This refers to the total industrial production of each type of pesticide within the national boundaries of each country during the reference period.

Pesticides Trade

Refers to the value of all types of pesticides provided to (exports) or received (imported) from the rest of the world. Differences between figures given for total exports and total imports at the world level may be due to several factors, e.g. the time lag between the dispatch of goods from exporting country and their arrival in the importing country; the use of different classification of the same product by different countries; or the fact that some countries supply data on general trade while others give data on special trade.

Water Resources and Irrigation

Freshwater Availability (internal renewable freshwater resources)

Refers to the average annual flow of rivers and groundwater generated from endogenous precipitation.

Irrigated Land

This refers to the areas equipped to provide water to crops. It includes areas equipped for full or partial control irrigation, spate irrigation areas, and equipped wetland or inland valley bottoms. It should be noted that definitions on irrigation vary between countries.

Agricultural Production and Trade

Agricultural Production

This refers to the aggregate volume of agricultural production in the narrow sense, i.e. excluding fishery and forestry products. In order to obtain these figures the aggregate production quantities of each agricultural commodity are weighted by 1999-2001 average international commodity prices and then summed for each year. When calculating the aggregates, all intermediate primary inputs of agricultural origin are deducted. In other words, amounts of seed and feed are subtracted from the production data in order to avoid double counting. Processed and semi-processed commodities such as bran, oilcakes, meals and molasses have been completely excluded from the calculations at all stages. The "international prices", expressed in so-called "international dollars", are derived using the Geary-Khamis formula for the agricultural sector. This method assigns a single producer price to each commodity. For example, one metric ton of wheat has the same price regardless of the country in which it was produced. The currency unit in which the prices are expressed has no influence on the indices.

Crop Production

Crop production refers to the actual harvested production from the field or orchard and gardens, excluding harvesting losses and that part of crop not harvested for any reason. Crop production therefore includes the quantities of the commodity sold in the market and the quantities consumed or used by the producers. The time reference for statistics on production of crops is based on the calendar year. That is to say, the data for any particular crop are reported under the calendar year in which the entire harvest or bulk of it took place.

Food Production

The food production aggregate includes the commodities that are considered edible and that contain nutrients. Accordingly, coffee and tea are excluded along with inedible commodities, as, although edible, they have practically no nutritive value.

Meat Production

The meat production aggregate is computed based on data for production from indigenous animals, which takes account of the meat equivalent of exported live animals but excludes the meat equivalent of imported live animals. Annual changes in livestock and poultry numbers or in their average live weights are not taken into account.

Food Trade

This refers to food imports and exports pertaining to agriculture in the narrow sense, excluding fishery and forestry products. Differences between figures given for total cereal exports and total cereal imports at the world level may be due to several factors, e.g. the time lag between the dispatch of goods from one exporting country and their arrival in the importing country; the use of different classifications of the same product by different countries; or the fact that some countries supply data on general trade while others give data on special trade.

Trade aggregated quantities (in tables 5.9 - 5.13, 5.16, 5.19, 5.22, 5.25, 5.28, 5.31, 5.33) refer to trade of agricultural commodities and derived products expressed in primary equivalent. Values are calculated using standardized and averaged commodity prices.

Total Merchandise Trade

This refers to total imports and total exports of merchandise. In general, export values are f.o.b. (free on board) and import values are c.i.f. (cost, insurance and freight).

Forestry Production and Trade

Roundwood

Roundwood (wood in the rough) is wood in its natural state as felled, or otherwise harvested, with or without bark, round, split, roughly squared or other forms (e.g. roots, stumps, burls, etc.). It may also be impregnated (e.g. telegraph poles) or roughly shaped or pointed. It comprises all wood obtained from removals, i.e. the quantities removed from forests and from trees outside the forest, including wood recovered from natural, felling and logging losses during the calendar year or forest year period. Commodities included are sawlogs and veneer logs, pulpwood, other industrial roundwood (including pitprops) and fuelwood. The statistics include recorded volumes, as well as estimated unrecorded volumes. Statistics for trade include, as well as roundwood from removals, the estimated roundwood equivalent of chips and particles, wood residues and charcoal.

Fishery Production and Trade

Aquaculture

The term aquaculture designates the culturing or farming (including harvesting) of aquatic organisms with some sort of intervention in the rearing process to enhance production, such as regular stocking, feeding, protection from predators, etc. Farming also implies individual or corporate ownership of the stock being cultivated. For statistical purposes, aquatic organisms harvested by an individual or corporate body which has owned them throughout their rearing period, contribute to aquaculture. Data refer to the output from aquaculture activities designated for final harvest for consumption or other purposes. Data cover fish, molluscs, crustaceans and aquatic organisms, farmed in fresh, brackish and marine waters. Statistics are reported on live weight equivalent and exclude aquatic plants.

Capture Fisheries (nominal catches concept)

Capture fisheries refer to hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms. Data shown refer to nominal catches of fish, crustaceans, molluscs and other aquatic organisms taken for all purposes (commercial, industrial, recreational and subsistence purposes) by all types and classes of fishing units (fishermen, vessels, gear, etc.) operating both in inland, fresh and brackish water areas, and in inshore, sponges, shells, pearls and aquatic plants.

The nominal catches concept refers to the landings converted on a live weight basis. Landings refer to the quantities on a landed weight basis. In many fisheries the landed quantities (landings) are identical to the quantities caught (nominal catches). In many other instances the catches on board of fishing vessels or factory ships are gutted, eviscerated, filleted, salted, dried, etc., or reduced to meals and oil. These data require conversion by accurate conversion factors to establish the live weight equivalents (nominal catches) at the time of their capture. The flag of the vessel performing the essential part of the operation of catching the fish should be considered as the paramount indication of the nationality to be assigned to the catch data. National data cover all quantities caught by fishing crafts flying the flag of the reporting country and landed not only in the domestic harbours of the reporting country but also in foreign harbours. National catch excludes quantities caught by foreign fishing craft and landed in domestic ports.

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Exports and Imports of Fish and Fishery Products

Statistics refer to the values of fisheries commodities imported or exported (including re-exports when applicable). The commodity categories cover products derived from fish production (capture and aquaculture) of fish, crustaceans, molluscs and other aquatic animals, excluding aquatic plants. In general, export values are f.o.b. (free on board) and import values are c.i.f. (cost, insurance and freight). In accordance with the internationally recommended practice, import statistics include fish caught by foreign fishing craft, whether or not processed on board, be landed in domestic ports; export statistics include fish caught by domestic fishing craft, whether or not processed on board or landed in foreign ports. The totals for the world, developed and developing countries, continents, and regions, are obtained by adding up the imports or exports of each country included in the various groups irrespective of origin or destination of the commodity. Consequently, these totals are by no means to be taken as net trade of the groups to which they refer.

Furthermore, differences between figures given for total exports and total imports at the world level may be due to several factors, e.g. the time lapse between the dispatch of goods from the exporting country and their arrival in the importing country; the use of a different classification of the same product by different countries; or the fact that some countries supply trade data on general trade, while others give data on special trade. Two systems of recording trade are in common use (general trade and special trade), differing mainly in the treatment of recording the movement of goods through customs-bounded storage areas (warehouses, free areas, etc.).

Fish Production

Refers to the aggregate production (capture and aquaculture combined) of freshwater, brackishwater and marine species of fish, crustaceans, molluscs and other aquatic organisms taken for all commercial, industrial, recreational and subsistence purposes. Data exclude aquatic mammals, crocodiles, corals, sponges, shells, pearls and aquatic plants. Data are expressed in live weight equivalent: that is the weight of fish and shellfish at the time of their capture or harvest.

Fish Utilization

Human consumption

Refers to total fish available for human consumption derived through the food balance sheet, for fish by the following equation:

Production, less reduction to meal and other non-food uses, plus imports, less exports, plus or less variation in stocks.

The calculations are made in terms of live weight equivalent.

Other purposes

Includes utilization of aquatic products for reduction to meal and oil, for feed and bait, ornamental purposes, withdrawals from markets and any one other non-food use of fish production (e.g. fertilizers, medical uses).

Food and Nutrition

Food Aid Received

This refers to food aid shipments which represent a transfer of food commodities from donor to recipient countries on a total-grant basis or on highly concessional terms. A food aid shipment record contains information on the year of shipment, donor, recipient, commodity and quantity in terms of thousand metric tons. Cereal food aid shipments are reported on a global trade year basis (July/June). Processed and blended cereals are converted into their grain equivalent by applying the conversion factors included in the Rule of Procedures under the 1999 Food Aid Convention to facilitate comparisons between deliveries of different commodities.

Food Consumption

This refers to the amount of food consumed by households as estimated by the FAO Food Balance Sheets (FBS). The FBS are compiled every year by FAO with country-level data on the production and trade of food commodities. Using these data and the available information on seed rates, waste coefficients, stock changes and types of utilization (feed, food, other uses), a supply/utilization account is prepared for each commodity in quantity terms. The food component of a commodity account, which is usually derived as a balancing item, refers to the total amount of the commodity consumed at the household level during the year. Besides commodity-by-commodity information, the FAO FBS also provide total food consumption estimates by aggregating the food component of all commodities including fishery products after conversion into nutritive values. From these values and the available population estimates, the per caput dietary energy, protein and fat consumption are derived and expressed on a daily basis.

The data shown for food consumption refer to the gross dietary energy consumption (DECG) per caput/day, during the reference period, in kilocalories. However, the amount of food actually consumed may be lower than the quantity shown as food consumption, depending on the degree of losses of edible food and nutrients in the household, e.g. during storage, in preparation and cooking, as plate-waste or quantities fed to domestic animals and pets, or thrown away. The intra-household waste is subtracted to arrive at net dietary energy consumption (DECN) for human beings in the computation of the food deprivation.

Undernourishment

Undernourishment refers to the condition of people whose dietary energy intake is below that needed for maintaining a healthy and active life. The undernourished refers to those in this condition.

The prevalence of undernourishment refers to the proportion of the population undernourished. The number of persons undernourished is obtained by multiplying estimates of the proportion of undernourished for each country by estimates of the total population.

Calculation of average annual growth rates

Table 1.2

The growth rate in these tables is calculated by fitting a linear trend line, of the form

$$\ln X_t = a + bt$$

to the annual values of the variable X in the aggregate time series. The parameter b is estimated by the least-squares method and the percentage growth rate, r, is then derived as follows:

$$r = [\exp(b) - 1] \times 100$$

Tables 2.1-2.4; 9.2, 9.3

In these tables the percentage growth rate, r, is calculated between two time points using the following formula:

$$r = \left[\ln \left(\frac{p_n}{p_1} \right) / n \right] * 100$$

where p_n and p_1 are the last and first observations in the period respectively, n is the number of years in the period, and ln is the natural logarithm operator.

Tables 5.2-5.6 ; 5.10-5.14; 5.17, 5.20, 5.23, 5.26, 5.29, 5.32, 6.1-6.3

In these tables the percentage growth rate, r, is also calculated between two time points but using the following formula:

$$r = \left[\left(\frac{p_n}{p_1} \right)^{\frac{1}{n}} - 1 \right] \times 100$$

where p_n and p_1 are the last and first observations in the period respectively and n is the number of years in the period.

Population and labour force estimates and projections

Tables 2.1-2.3; 9.2, 9.3

The population and labour force estimates and projections presented in these tables are based on the products of a coordinated inter-agency work programme involving the UN Population Division, the International Labour Organization (ILO) Bureau of Statistics and the FAO Statistics Division. The basic framework for the set of demographic estimates and projections are the estimates and projections of the total population by sex and age, which are prepared by the UN Population Division.

The estimates and projections of urban/rural population, economically active population (labour force) and the agricultural population are obtained by systematically applying estimates and projections of the relevant population ratios (i.e. the proportion of urban/ rural population, the activity rates by sex and age and the proportion of agricultural population) to the total population. The economically active population in agriculture (agricultural labour force) is obtained by applying the estimates and projections of the proportion of economically active population in agriculture to the total economically active population.

The estimates and projections of the total population are biennially revised by the UN Population Division and the figures in the present document are based on the 2006 revision ("World Population Prospects: The 2006 Revision", United Nations, New York). The estimates and projections of the proportion of urban/rural population, which are also prepared by the UN Population Division, refer to the assessment made in 2003 ("World Population Prospects: The 2003 Revision", United Nations, New York, 2004). The estimates and projections of the activity rates by sex and age, which are produced by the ILO Bureau of Statistics, are based on the assessment made in 1996 ("Economically Active Population, 1950 – 2010", Fourth Edition, ILO, Geneva, 1996). The estimates of the proportion of the economically active population in agriculture also emanate from the latter assessment while the projections were prepared by the FAO Statistics Division ("World-wide Estimates and Projections of Agricultural Population and Labour Force", FAO, Rome, 2000). The estimates and projections of the proportion of the population dependent on agriculture (agricultural population) are also prepared by FAO. However, as information on agricultural population derived from population censuses or surveys is scarce, FAO has largely relied on the close relationship existing between the ratio of economically active population in agriculture (EAPA) to the total economically active population (EAP) and the ratio of agricultural population (AP) to total population (TP). For most countries the two ratios are assumed to be equal. Thus applying the EAPA/EAP ratio to the total population derives the agricultural population.

Estimation of the proportion of the population undernourished

Table 8.3

The estimation of the proportion of the population undernourished requires the specification of the distribution of food intake (expressed in terms of dietary energy) within the population and a cut-off point reflecting the minimum dietary energy requirement of the average individual. The part of the distribution below the cut-off point represents the proportion of the population undernourished.

The distribution of food intake in the population is assumed to be lognormal. This means that its parameters can be derived on the basis of the mean and the coefficient of variation of the household per caput food intake. Thus for the purpose of deriving the distribution for all countries at common time periods, the per caput dietary energy supply estimated through the food balance sheets is taken as a proxy for the mean. The coefficient of variation, which reflects the inequality in the distribution, is however estimated on the basis of household income/expenditure survey data. For countries where the appropriate household survey data are not available the coefficient of variation is estimated by certain indirect procedures. Given the mean and the coefficient of variation, the parameters of the lognormal distribution of food intake are estimated as follows:

$$\begin{aligned}\mu &= \log_e x - [\log_e \{CV^2(x) + 1\}] / 2 \\ \sigma &= [\log_e \{CV^2(x) + 1\}]^{0.5}\end{aligned}$$

where x and $CV(x)$ are the mean and coefficient of variation respectively of the distribution of food intake.

Regarding the minimum dietary energy requirement used as the cut-off point, the procedure is to first specify the sex-age specific minimum requirements. These are then averaged, using the proportion of the population in the different sex-age groups as weight, to reflect the minimum energy requirement of the average individual in the population. Thus if the cut-off point is denoted by r_L the proportion of the population undernourished is derived as follows:

$$P(u) = \Phi \{ (\log_e r_L - \mu) / \sigma \}$$

where the expression on the right hand side refers to the proportion below $\log_e r_L$ in the normal distribution with mean μ and standard deviation σ .

Selected Cereals Market Indicators (Global Food Security Indicators)

Table 8.6

FAO uses six indicators to monitor changes in Global Food Security. "Ratio of Five Major Grain Exporters' Supplies to Requirements" is used to monitor and assess the potential for the five major wheat and coarse grain exporters to meet the global import demand for those grains. The indicator is derived as the ratio of the sum of the five major exporter's production, imports and opening stocks to their total domestic utilization plus exports.

"Closing Stocks as a percentage of Total Disappearance of Major Cereal Exporters" is another measure of the exporters' potential to meet world import demand. In order to capture the supply and wheat. It is derived as the ratio of the projected ending stocks in the major exporting countries to total disappearance (i.e. domestic consumption plus exports), "World Changes in Cereal Production" measures changes in cereal production against the trend and the preceding year's value.

"Changes in Cereal Production in Low-income Food Deficit Countries (LIFDCs)" and "Changes in Cereal Production in LIFDCs less China and India", is changes in aggregate cereal production of international prices.

"Selected Cereal Price Indices" provides a comparison of export prices for the major cereals.

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