

ORGANISATION OF THE ISLAMIC CONFERENCE STATISTICAL, ECONOMIC AND SOCIAL RESEARCH AND TRAINING CENTRE FOR ISLAMIC COUNTRIES



# OIC OUTLOOK

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## AGRO-INDUSTRY IN THE OIC MEMBER COUNTRIES: AN OVERVIEW OF POTENTIALS

Attar Sokak No: 4, 06700 GOP, Ankara, TURKEY Tel: +90-312-468 6172 (4 lines) Fax: +90-312-468 5726 E-mail: oicankara@sesric.org Web:www.sesric.org

### OIC OUTLOOK

#### AGRO-INDUSTRY IN THE OIC MEMBER COUNTRIES: AN OVERVIEW OF POTENTIALS

#### INTRODUCTION

The problems facing developing countries and countries with economies in transition are many and daunting: widespread poverty, low levels of productivity and infrastructure development as well as poorly integrated markets, especially in rural areas. These problems are further exacerbated by underdeveloped rural industrial organisation characterized by small and medium-size enterprises inadequately linked to world markets and, in some cases, by a still incomplete process of economic liberalisation in the transition from a centrally controlled economy to a market system.

With a total land area of more than 3 billion hectares and a total population of more than 1.5 billion in 2009, the OIC Member Countries (MCs) accounted for 24% of the world total land area and 22.45% of its total population. With a total agricultural area of more than 1.4 billion hectares in 2007, the OIC MCs accounted for 28.59% of the world agricultural area of which 38% of its total population is employed. Yet, the average contribution to total GDP in the group of the OIC is less than 20% which is an issue that needs urgent attention as agriculture is still considered as a primary economic activity that is assumed to play a significant role in the economies of many OIC MCs. A large proportion of resources are used to meet the demand for agricultural products through technology improvements, mainly in seeds, fertilizers and irrigation. Little attention has been given to the value chain through which agricultural products reach final consumers within the country and abroad. The magnitude of the damage caused by this neglect becomes obvious if one considers the enormous added value and employment opportunities that can be generated along the value chain from producers to consumers.

Interventions in agro-industry development administered in collaboration with the private sector should be designed to create the adequate environment and enhance the emergence of locally owned agro-processing industries, capable of creating jobs and increasing incomes. Agro-industries can promote industrialisation and urban employment, break the productivity gap of development, reduce food costs and supply uncertainties and improve the diet.

In the light of these challenges, this analysis attempts to provide a general view of the state of agro-industry in the OIC region. For this purpose, the OIC Member Countries will be firstly analysed through their main agricultural products with respect to the world's top 20 agricultural products. Then, due to the lack of direct data on agro-industries, the related analysis will be processed through commenting on the level of feed and waste in this respect. Finally, some concluding remarks are provided.

#### MAIN AGRICULTURAL PRODUCTS

The world's top 20 agricultural products and the respective shares of the group of the OIC Member Countries are presented below in Table 1. As can be seen from the Table, the group of the OIC Member Countries plays a highly significant role in the production of several of these agricultural products. That is, the OIC region is an important supplier of many agricultural products that are within the top 20 on a world scale. Figures of 2007 indicate that the OIC region is a main producer of 14 of the top agricultural products with production shares larger than 10%; Cassava (37.26%), Tomatoes (28.05%), Buffalo Milk (27.48%), Rice (19.96%), Wheat (18.32%), Watermelons (17.76%), Dry Onions (17.72%), Grapes (17.25%), Barley (13.67%), Bananas (12.22%), Cow Milk (11.70%), Sugar Beet (11.23%), Apples (11.01%), and Potatoes (10.84%).

	World	OIC	OIC % of World
Sugar Cane	1627451	132579	8.15
Maize	788112	46259	5.87
Rice	657414	131228	19.96
Wheat	611102	111934	18.32
Cow Milk	571403	66836	11.70
Potatoes	323543	35085	10.84
Sugar Beet	246554	27687	11.23
Vegetables	244719	16568	6.77
Cassava	224132	83518	37.26
Soybeans	219546	178	0.08
Tomatoes	133260	37386	28.05
Barley	133097	18193	13.67
Sweet Potatoes	99701	8285	8.31
Watermelons	93692	16643	17.76
Bananas	89100	10886	12.22
Buffalo Milk	83626	22982	27.48
Onions, Dry	70039	12408	17.72
Cabbages	68971	2995	4.34
Apples	66092	7275	11.01
Grapes	65971	11382	17.25

#### Table 1: World's Top 20 Agricultural Products (10<sup>3</sup> Metric Tonnes), 2007

Source: FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/

Looking deeper into this picture, an OIC country-wise analysis gains importance with respect to these products in order to identify the major players and thus analyse, in the next section, their related agro-industrial situation.

In doing so, it is of great importance to notify that the lack of direct data on agroindustries will be adjusted through analysing the above provided production quantities after subtracting the quantities of food. The resulting quantities, as defined by FAO, are those wasted and/or used as feed. The analysis will include those top five product shares of the OIC region; Cassava (37.26%), Tomatoes (28.05%), Buffalo Milk (27.48%), Rice (19.96%), and Wheat (18.32%).

Food, as defined by FAO, is the total amount of the commodity available as human food during the reference period. Data include the commodity in question, as well as any commodity derived as a result of further processing.

Thus, this analysis will roughly consider the level of agro-industry through commenting on the level of feed & waste in this respect.

#### LEVEL OF AGRO-INDUSTRY IN THE MAIN AGRICULTURAL PRODUCTS

Taking Cassava into consideration, the 37.26% share of the OIC region in the world's Cassava output comes mainly from Nigeria and Indonesia (See Table 2 below). Table 2 lists those OIC Member Countries with production quantity above 500,000 Metric Tonnes.

Country	Production	Food*	Feed & Waste	% of Feed & Waste
Nigeria	43410	16174	27236	62.74
Indonesia	19988	8999	10989	54.98
Mozambique	5039	4798	241	4.78
Uganda	4456	2779	1677	37.63
Cote d'Ivoire	2342	1977	365	15.58
Benin	2284	1144	1140	49.91
Cameroon	2100	1604	496	23.62
Guinea	1095	913	182	16.62
Togo	773	627	146	18.89

Table 2: Cassava Production in the OIC Region (10<sup>3</sup> Metric Tonnes), 2007

Source: FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/ Note: Food figures are for 2005.

Table 2 shows that a total of more than 41 Million Metric Tonnes of Cassava is wasted and/or used for animal feeding in only 4 OIC Member Countries; namely Nigeria, Indonesia, Uganda and Benin. The percentage of this quantity exceeds 50% of their total production quantity. This is a sign of significantly high potential for agro-industry opportunities in this respect. Taking into consideration the direct use of Cassava as food, the level of the processed Cassava hidden within the food category can be expected, on average, to remain low and primitive.

Taking Tomatoes into consideration, the 28.05% share of the OIC region in the world's Tomatoes output comes mainly from Turkey, Egypt and Iran (See Table 3 below). Table 3 lists those OIC Member Countries with production quantity above 500,000 Metric Tonnes.

Country	Production	Food*	Feed & Waste	% of Feed & Waste
Turkey	9945	6240	3705	37.25
Egypt	8639	6807	1832	21.21
Iran	5000	4171	829	16.58
Uzbekistan	1680	1156	524	31.19
Morocco	1237	959	278	22.47
Nigeria	1079	832	247	22.89
Tunisia	1000	764	236	23.60
Iraq	830			
Algeria	820	1004		
Syria	733	685	48	6.55
Sudan	642	456	186	28.97
Jordan	610	205	405	66.39
Kazakhstan	515	495	20	3.88
Pakistan	502	435	67	13.35

Table 3: Tomatoes Production in the OIC Region (10<sup>3</sup> Metric Tonnes), 2007

Source: FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/ Note: Food figures are for 2005.

Table 3 shows that a total of more than 7 Million Metric Tonnes of Tomatoes is wasted and/or used for animal feeding in only 5 OIC Member Countries; namely Turkey, Egypt, Iran, Uzbekistan and Jordan. The percentage of this quantity reaches 35% of their total production quantity. This is a sign of significantly high potential for agro-industry opportunities in this respect. Taking into consideration the direct use of Tomatoes as food, the level of the processed Tomatoes hidden within the food category can be expected, on average, to remain low and primitive.

Taking Buffalo Milk into consideration, the 27.48% share of the OIC region in the world's Buffalo Milk output, interestingly, comes only from Pakistan (20372 Thousand Metric Tonnes) and Egypt (2610 Thousand Metric Tonnes). Since food data is not available for Buffalo Milk, commenting on the related agro-industry level is not provided.

Taking Rice into consideration, the 19.96% share of the OIC region in the world's Rice output comes mainly from Indonesia and Bangladesh (See Table 4 below). Table 4 lists those OIC Member Countries with production quantity above 500,000 Metric Tonnes.

Country	Production	Food*	Feed & Waste	% of Feed & Waste
Indonesia	57157	42158	14999	26.24
Bangladesh	43057	36721	6336	14.72
Pakistan	8345	2979	5366	64.30
Egypt	6877	3883	2994	43.54
Nigeria	3186	4630		
Iran	2800	3229		
Malaysia	2375	2926		
Guinea	1402	1269	133	9.49
Mali	1082	954	128	11.83
Sierra Leone	1000	648	352	35.20
Cote d'Iviore	606	1260		
Afghanistan	552			

Table 4: Rice Production in the OIC Region (10<sup>3</sup> Metric Tonnes), 2007

Source: FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/ Note: Food figures are for 2005. Table 4 shows that a total of almost 30 Million Metric Tonnes of Rice is wasted and/or used for animal feeding in only 4 OIC Member Countries; namely Indonesia, Bangladesh, Pakistan and Egypt. The percentage of this quantity exceeds 37% of their total production quantity. This is a sign of significantly high potential for agro-industry opportunities in this respect. Taking into consideration the direct use of Rice as food, the level of the processed Rice hidden within the food category can be expected, on average, to remain low and primitive.

Taking Wheat into consideration, the 18.32% share of the OIC region in the world's Wheat output comes mainly from Pakistan, Turkey, Kazakhstan and Iran (See Table 5 below). Table 5 lists those OIC Member Countries with production quantity above 500,000 Metric Tonnes.

Country	Production	Food*	Feed & Waste	% of Feed & Waste
Pakistan	23295	16858	6437	27.63
Turkey	17234	13047	4187	24.29
Kazakhstan	16467	2432	14035	85.23
Iran	15000	11136	3864	25.76
Egypt	7379	10169		
Uzbekistan	6197	4489	1708	27.56
Afghanistan	4484			
Syria	4041	2867	1174	29.05
Turkmenistan	2700	943	1757	65.07
Saudi Arabia	2630	2258	372	14.14
Algeria	2319	6454		
Iraq	2228			
Morocco	1583	5415		
Tunisia	1443	2009		
Azerbaijan	1306	1351		
Sudan	803	1637		
Bangladesh	737	2795		
Kyrgyz Republic	709	985		
Tajikistan	649	1322		

Table 5: Wheat Production in the OIC Region (10<sup>3</sup> Metric Tonnes), 2007

Source: FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/ Note: Food figures are for 2005.

Table 5 shows that a total of more than 33 Million Metric Tonnes of Wheat is wasted and/or used for animal feeding in only 7 OIC Member Countries; namely Pakistan, Turkey, Kazakhstan, Iran, Uzbekistan, Syria and Turkmenistan. The percentage of this quantity exceeds 40% of their total production quantity. This is a sign of significantly high potential for agro-industry opportunities in this respect. Taking into consideration the direct use of Wheat as food, the level of the processed Wheat hidden within the food category can be expected, on average, to remain low and primitive.

#### CONCLUDING REMARKS

Most of the efforts used to meet the demand for agricultural products mainly focus on technology improvements. Little attention has been given to the value chain through which agricultural products reach final consumers within the country and abroad. The magnitude of the damage caused by this neglect becomes obvious if one considers the enormous added value and employment opportunities that can be generated along the value chain from producers to consumers.

The OIC region accounted for 24% of the world total land area and 22.45% of its total population in 2009. It also accounted for 28.59% of the world agricultural area of which 38% of its total population is employed in 2007. Yet, the average contribution to total GDP in the group of the OIC is less than 20% which is an issue that needs urgent attention as agriculture is still considered as a primary economic activity that is assumed to play a significant role in the economies of many OIC MCs.

The OIC region is an important supplier of many agricultural products that are within the top 20 on a world scale. It is a main producer of 14 of the top agricultural products with production shares larger than 10%; Cassava (37.26%), Tomatoes (28.05%), Buffalo Milk (27.48%), Rice (19.96%), Wheat (18.32%), Watermelons (17.76%), Dry Onions (17.72%), Grapes (17.25%), Barley (13.67%), Bananas (12.22%), Cow Milk (11.70%), Sugar Beet (11.23%), Apples (11.01%), and Potatoes (10.84%).

The lack of direct data on agro-industries is adjusted through analysing the production quantities after subtracting the quantities of food. The resulting quantities, as defined by FAO, are those wasted and/or used as feed. The analysis has been applied to those top five product shares of the OIC region; Cassava (37.26%), Tomatoes (28.05%), Buffalo Milk (27.48%), Rice (19.96%), and Wheat (18.32%). The analysis has roughly considered the level of agro-industry through commenting on the level of feed & waste in this respect.

Excluding Buffalo Milk (Food data is not available), the analysis reached a very critical outcome that urgently needs to be treated as a huge potential for agro-industrial policies. More than 41 Million Metric Tonnes of Cassava is wasted and/or used for animal feeding in only 4 OIC Member Countries; Seven Million Metric Tonnes of Tomatoes in only 5 OIC MCs; Almost 30 Million Metric Tonnes of Rice in only 4 OIC MCs; Thirty three Million Metric Tonnes of Wheat in only 7 OIC MCs. Table 6 below shows the summary analysis which indicates the agro-industry potentials in the OIC MCs. The mentioned agricultural areas in the respected countries constitute a very promising future only if the issue is seriously considered by the relevant policy makers.

	Cassava	Tomatoes	Rice	Wheat
Bangladesh			X	
Benin	X			
Egypt		X	Х	
Indonesia	X		Х	
Iran		X		X
Jordan		Х		
Kazakhstan				X
Nigeria	Х			
Pakistan			X	X
Syria				X
Turkey		Х		X
Turkmenistan				X
Uganda	X			
Uzbekistan		X		X

 Table 6: Agro-Industry Potentials in the OIC Member Countries

Table 6 indicates the urgent need for serious agro-industry investments in Cassava by Benin, Indonesia, Nigeria and Uganda; Tomatoes by Egypt, Iran, Jordan, Turkey and Uzbekistan; Rice by Bangladesh, Egypt, Indonesia and Pakistan; Wheat by Iran, Kazakhstan, Pakistan, Syria, Turkey, Turkmenistan and Uzbekistan.

Within those indicated in Table 6, the top agro-industry potentials are seen in Nigeria for Cassava, Turkey for Tomatoes, Indonesia for Rice, and Kazakhstan for Wheat.

	Total Population (10°)	A <u>g</u> r. Pop. (10 <sup>3</sup> )	% of Agr. Pop. in Total Pop.	Land Area (10 <sup>°</sup> Ha)	Agr. Area (10 <sup>3</sup> Ha)	% of Agr. Area in Land Area	Share of Agr. In GDP
Afghanistan	28.89	16923	58.58	65223	38661.00	59.28	39
Albania	3.20	1338	41.84	2740	1119.00	40.84	20
Algeria	35.32	7404	20.96	238174	41252.00	17.32	9
Azerbaijan	8.74	2048	23.44	8262	4756.00	57.56	6
Bahrain	0.80	5	0.63	71	10.00	14.08	0
Bangladesh	164.88	75160	45.59	13017	9050.00	69.52	19
Benin	8.37	4046	48.36	11062	3520.00	31.82	38
Brunei	0.40	1	0.25	527	11.40	2.16	1
Burkina Faso	15.21	14028	92.23	27360	11260.00	41.15	34
Cameroon	19.93	8224	41.27	47271	9160.00	19.38	20
Chad	9.97	7483	75.03	125920	49330.00	39.18	22
Comoros	0.67	608	91.29	186	150.00	80.65	48
Côte d'Ivoire	21.39	8215	38.41	31800	20200.00	63.52	25
		644					4
Djibouti	0.80	-	80.10	2318	1701.30	73.40	
Egypt	76.55	23744	31.02	99545	3538.00	3.55	15
Gabon	1.48	396	26.85	25767	5160.00	20.03	5
Gambia	1.67	1301	77.81	1000	813.00	81.30	33
Guinea	10.61	8078	76.13	24572	13570.00	55.23	16
Guinea-Bissau	1.80	1283	71.44	2812	1630.00	57.97	59
Guyana	0.77	115	15.01	19685	1680.00	8.53	31
Indonesia	230.79	87343	37.85	181157	48500.00	26.77	13
Iran	74.10	16301	22.00	162855	48073.00	29.52	11
Iraq	31.23	1776	5.69	43737	9450.00	21.61	7
Jordan	5.99	415	6.93	8824	964.30	10.93	3
Kazakhstan	15.57	2485	15.96	269970	207898.00	77.01	6
Kuwait	3.54	31	0.88	1782	154.00	8.64	0
Kyrgyz Republic	5.37	1168	21.75	19180	10728.60	55.94	34
Lebanon		82	2.13	1023	687.10		5
	3.85					67.17	
Libya	6.33	205	3.24	175954	15550.00	8.84	3
Malaysia	27.76	3435	12.37	32855	7870.00	23.95	10
Maldives	0.35	60	17.39	30	13.00	43.33	6
Mali	13.67	9830	71.93	122019	39619.00	32.47	37
Mauritania	3.11	1660	53.46	103070	39712.00	38.53	25
Morocco	31.88	8488	26.63	44630	29960.00	67.13	14
Mozambique	21.16	17466	82.53	78638	48800.00	62.06	27
Niger	14.19	12726	89.68	126670	43515.00	34.35	45
Nigeria	151.87	39692	26.13	91077	78500.00	86.19	33
Oman	2.80	832	29.76	30950	1799.00	5.81	1
Pakistan	162.99	77967	47.84	77088	27300.00	35.41	20
Palestine	3.84	354	9.22	602	373.00	61.96	9
Qatar	1.22	11	0.90	1159	71.00	6.13	0
Saudi Arabia	25.52	1404	5.50	214969	173625.00	80.77	3
	12.82	8848	69.02	19253		44.86	16
Senegal Siorra Loopo					8637.00	44.00	51
Sierra Leone	6.04	3452	57.15	7162	3180.00		
Somalia	8.95	6035	67.43	62734	44027.00	70.18	60
Sudan	39.12	22195	56.74	237600	136773.00	57.56	33
Suriname	0.54	88	16.27	15600	83.00	0.53	6
Syria	20.37	4470	21.95	18363	13897.00	75.68	21
Tajikistan	6.50	1950	30.01	13996	4581.00	32.73	23
Togo	6.79	3577	52.66	5439	3630.00	66.74	41
Tunisia	10.43	2143	20.55	15536	9826.00	63.25	12
Turkey	70.43	15254	21.66	76963	39454.00	51.26	10
Turkmenistan	5.35	1536	28.69	46993	32613.00	69.40	22
Uganda	33.20	24223	72.97	19710	12812.00	65.00	31
United Arab Emirates	4.91	148	3.02	8360	595.00	7.12	2
Uzbekistan	27.73			42540	26640.00	62.62	
Yemen	23.69	9383	39.61	52797	23625.00	44.75	
			39.01			44.73	10.74
	1511.76	574124		3178597	1410106.70		19.74
% of OIC		38			44.36		
World	6733.45	2620710		13009115	4931862.00		
% of World		39			37.91		
OIC % of World	22.45	22		24	28.59		

Table A1: OIC Member Countries: Population & Land, 2009

Source: SESRIC (2009), Annual Economic Report on the OIC Member Countries; WDI Online, World Bank; and SESRIC BASEIND.

Note: Population figures for Burkina Faso, Palestine and Somalia are for the year 2008.

Note: Figures for the Agricultural Area are for the year 2007.

<sup>5</sup> Metric Tonnes), 2007
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Table

Grapes	350	147	245	103											1485							2900	184				
Apples		36	190	187		Ī																2660		32		Ī	122
Cabbages		25		107	-	183															1289			36	338	റ	100
Onions, Dry		60	827	191	-	894									1486							1700	126	29	341	8	126
Buffalo Milk															2610											Ī	
Bananas					-	1005		-		860		65	360		945	13		160	5	9	5454			35			
Watermelons	200	190	816	418											1913							3300	578	86	477		119
Sweet Potatoes						304	68		62	190	65	9				ო		200			1887						
Barley	370		1187	475																		3000	748		2441		227
Tomatoes		160	820	432	5		156			420		~		-	8639							5000	830	610	515	56	180
Soybeans																2											
Cassava							2284	2		2100	250	58	2342			240	8	1095	43	20	19988						
Vegetables	600		450	239	2	1096	100	4	170	480	83	ო	150	24		36	10	225	28	5		1750	105	71	293	49	112
Sugar Beet		40		142											5458							5300			309		155
Potatoes	301	155	1507	1037		5167				142	68	-			2761						1004	4500	598	97	2415	24	1374
Cow Milk	1434	868	1570	1314	12	818			193	135	184	5		8	3187	2	ი	93	16	30		6500	400	256	5038	40	1198
Wheat	4484	250	2319	1306		737									7379							15000	2228		16467	~	209
Rice	552					43057	73	-	69		106	17	606		6877	-	11	1402	127	459	57157	2800	393		294		
Maize	360	216		158		902	932		554	006	201	4	532		6243	33	31	596	14	4	13288	1588	384		421		461
Sugar Cane	70					5770	40		455	1450	390		1636		17014	220		283	9	3099	25300	5700					
	Afghanistan	Albania	Algeria	Azerbaijan	Bahrain	Bangladesh	Benin	Brunei	Burkina Faso	Cameroon	Chad	Comoros	Côte d'Ivoire	Djibouti	Egypt	Gabon	Gambia	Guinea	Guinea-Bissau	Guyana	Indonesia	c	5	Jordan	Kazakhstan	Kuwait	Kyrgyz Republic
	Afg	Alb	Alg	Azt	Bai	Ba	Be	Br	Bu	Ca	ບົ	ပိ	ŝ	Djil	Еg	Ga	Ga	Gu	Gu	Gu	Ind	Iran	Iraq	Jor	Ka	Ku	Kyı

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119	30					324						65		144						273	117		102	3613	175			880	126	11382	65971	17.25
125						427														280	111		102	2458	42			503		7275	66092	11.01
88		66						150		7		26	ო		42				-		54				52		18	400		2995	68971	4.34
46	181					700		350		თ	1816	46	4	54	142			Ī			217		160	1859	95	147		602	191	12408	70039	17.72
								Ī			20372							Ī												22982	83626	27.48
90		530	-	137		202	06			29					34	38			71			19				615			120	10886	89100	12.22
54	268	158		305		705				17				393	151		80	145	с	607	254		466	3770	240			840	162	16643	93692	17.76
				283	2		67	45	2432						38	30			-							2602				8285	99701	8.31
	100					763														785	71		535	7307	59			06	35	18193	133097	13.67
305	190	73		174		1237		100	1079	41	502	204	12	478	179	18	16	642	-	733	248		1000	9945	256		215	1680	233	37386	133260	28.05
		Ī														Ī		Ī								176				178	219546	0.08
		430		96			5039	120	43410						308	370	82		4			773				4456				83518	224132	37.26
	62	250	28	259	4	308	105	40	4862	66	1027	25	15	400	56	250	52	643	10	192	157	135	78		37	395	140	799	55	16568	244719	6.77
						2484		Ī				Ī						Ī		1150				12415	234					27687	246554	11.23
515	290	Ī		115	2	1437	80			თ	2582	63		469		Ī		264		570	662		350	4246	185	650	80	1188	249	35085	323543	10.84
184	130	Ī		269	121	1600	63	412		48	11130	115	5	1670	118	19	435	5292	7	1706	534	10	1006	11279	1333	735	12	5061	232	66836	571403	11.70
116	104					1583					23295	40		2630				803		4041	649		1443	17234	2700			6197	219	111934	611102	18.32
		2375		1082	77		105	70	3186		8345				193	1000	16	Ī	179		52	75			111	162		198		131228	657414	19.96
		Ī		069	17		1152		6724		3605		-		158	48	66	Ī		177	130	546		3535		1262		206	87	46259	788112	5.87
		950		342		934	2061	220	1506		54742				836	20	215	6800	120							2350				132579	1627451	8.15
Lebanon	Libya	Malaysia	Maldives	Mali	Mauritania	Morocco	Mozambique	Niger	Nigeria	Oman	Pakistan	Palestine	Qatar	Saudi Arabia	Senegal	Sierra Leone	Somalia	Sudan	Suriname	Syria	Tajikistan	Togo	Tunisia	Turkey	Turkmenistan	Uganda	United Arab Emirates	Uzbekistan	Yemen	OIC	World	OIC % of World 8.15 5.87 19.96 18.32 11.70 10.84 11.23

	Cassava	Tomatoes	Rice	Wheat
Afghanistan				
Albania		146	46	455
Algeria		1004	77	6454
Azerbaijan		401	31	1351
Bahrain				
Bangladesh	35	114	36721	2795
Benin	1144	158	376	9
Brunei	2	1	44	17
Burkina Faso	3	34	398	111
Cameroon	1604	389	534	318
Chad	293		112	63
Comoros	57	3	66	10
Côte d'Ivoire	1977	67	1260	295
Djibouti		1	41	79
Egypt		6807	3883	10169
Gabon	109	13	77	75
Gambia	8	43	85	31
Guinea	913	39	1269	115
Guinea-Bissau	38	1	160	21
Guyana	17	3	95	44
Indonesia	8999	600	42158	4683
Iran		4171	3229	11136
Iraq			0110	
Jordan		205	189	725
Kazakhstan		495	240	2432
Kuwait		124	214	234
Kyrgyz Republic		160	24	985
Lebanon		283	64	478
Libya		519	140	781
Malaysia	360	61	2926	1748
Maldives	000	4	2320	20
Mali	53	71	954	147
Mauritania	00	3	143	269
Morocco	5	959	42	5415
Mozambique	4798	8	539	472
Niger	128	96	451	72
Nigeria	16174	832	4630	2638
Oman	10174	032	4050	2000
Pakistan	7	435	2979	16858
Palestine	1	185	94	403
Qatar		105	34	403
Saudi Arabia	4	764	1198	2258
	189	114	1209	341
Senegal Siorra Loopo		20		78
Sierra Leone	319	20	648	10
Somalia	0	450	400	4007
Sudan	9	456	132 48	1637
Suriname	4			26
Syria		685	332	2867
Tajikistan	007	205	52	1322
Togo	627	31	216	74
Tunisia		764	26	2009
Turkey		6240	984	13047
Turkmenistan		267	114	943
Uganda	2779	13	209	366
United Arab Emirates	1	213	263	495
Uzbekistan		1156	212	4489
Yemen		261	351	2007

### Table A3: OIC Member Countries: Top 5\* Product Shares (10<sup>3</sup> Tonnes), 2005

Source: FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/ Note: No data available for Buffalo Milk. FAO Online Statistical Database (FAOSTAT), http://faostat.fao.org/

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Statistical, Economic and Social Research and Training Centre for Islamic Countries (SESRIC)

> Attar Sokak No. 4, 06700 GOP, Ankara, TURKEY Tel: (90-312) 468 6172 (4 lines) Fax: (90-312) 468 5726 E-mail: <u>oicankara@sesric.org</u> Web: <u>www.sesric.org</u>