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APPENDIX 1. DEMOGRAPHY AND HEALTH

**Table A1.1: Summary of population data
(2001)**

Sudan	
Total population (000)	31913
Annual growth rate (%) 1998-2003	2.63
Urban population (% of total) 2001	34.5
Population under 5 (% of total)	16
Population of age 6-24 (% of total)	45.11
Women of age 15-49 (000)	4812
Population under 15 (% of total)	42.91
Population 60 & over (% of total)	3.74
Sex ratio (Males per 100 females)	101.44
Literacy rate (%)	53.4
Literacy rate- Male (%)	66
Literacy rate : Female (%)	40.8
Crude birth rate (1998-2003)	37.8
Crude death rate (1998-2003)	11.5
Infant mortality rate: male (1993)	134
Infant mortality rate: female (1993)	115
Life expectancy at birth: male (1993)	52.5
Life expectancy at birth: female (1993)	55.5
Total fertility rate (1998-2003)	5.7

Source: United Nations Population Fund and Central Bureau of Statistics: Sudan

Table A1.2: Demographic characteristics by regions

	Population (000)	Growth rate 1998-03 (%)	Urban 2001 (%)	Population < 15 2001 (%)	Population > 60 2001 (%)	Sex ratio, 2001 males/100 females	Literacy, 1993 Average (%)	Literacy, 1993 Male (%)	Literacy, 1993 Female (%)
Northern states	26797	2.8	37.3	42.8	4.1	100.4	54.5	66.6	42.4
Northern	593	1.7	15.2	39.7	5.9	94.7	65.2	75.0	56.6
Nile	918	1.9	33.7	41.0	5.3	97.6	64.5	73.6	56.5
Red Sea	724	0.52	60.5	38.5	4.3	116.1	47.9	54.5	40.1
Kassala	1507	2.5	34.6	41.8	4.2	98.2	44.7	52.9	35.8
Algedarif	1515	3.4	28.9	43.1	3.7	105.3	55.6	72.9	38.4
Khartoum	4936	4.0	86.7	36.5	3.8	111.3	73.6	81.1	65.0
Algezira	3477	3.0	22.4	42.5	4.4	96.8	65.2	75.5	55.8
Sinnar	1204	2.6	28.3	44.5	4.0	98.8	52.0	64.5	40.0
W. Nile	1515	2.6	39.0	45.5	3.9	95.7	54.4	64.5	44.3
B. Nile	655	3.0	25.2	42.7	3.7	108.3	31.3	41.8	20.4
N. Kordofan	1506	1.6	31.1	47.4	4.3	91.8	39.1	52.0	29.4
W. Kordofan	1144	1.7	20.9	47.1	3.9	95.2	33.2	47.4	22.7
S. Kordofan	1127	1.4	23.2	47.6	3.4	94.3	44.4	56.2	34.4
N. Darfur	1503	3.2	19.4	46.0	4.7	95.2	49.8	69.8	29.9
W. Darfur	1614	2.4	12.6	45.8	3.5	99.3	48.1	68.4	20.2
S. Darfur	2859	3.5	20.2	45.2	3.6	98.8	39.4	56.8	23.0
Southern Region	5116	1.6	19.6	43.5	2.9	104.4	52.6	65.4	39.3
Upper Nile	1466	0.9	21.6	45.9	3.3	101.7	62.4	75.8	50.3
Bahr El-Ghazal	2377	2.4	14.9	41.8	3.3	104.2	46.6	59.8	33.9
Equatoria	1273	1.0	26.2	43.8	2.6	109.0	47.4	60.6	34.3
Sudan	31913	2.6	34.5	42.9	3.7	101.4	53.4	66.0	40.8

Source: United Nations Population Fund, Sudan

Table A1.2 cont'd.

	Crude Birth rate	Crude Death rate	Infant Mortality rate, 1993		Life expectancy at birth, 1993		Total fertility rate
	1998-2003	1998-2003	Males	Females	Male	Females	
Northern states	37.8	11.0	116	98	53.6	56.7	5.8
Northern	34.0	10.8	108	90	45.7	58.7	4.8
Nile	34.7	9.7	95	88	57.0	58.8	5.0
Red Sea	30.0	12.1	126	112	50.1	52.2	5.2
Kassala	37.8	10.5	107	96	53.5	55.4	5.6
Al-Gadarif	40.3	11.7	135	122	50.5	52.6	6.3
Khartoum	33.7	8.8	98	85	56.1	59.8	4.5
Al-Gezira	38.5	9.5	101	76	55.6	61.3	5.5
Sinnar	39.9	10.9	121	109	53.1	55.5	6.2
W. Nile	40.4	10.0	109	100	55.1	57.1	6.7
B. Nile	38.5	12.3	137	122	49.0	51.2	6.5
N. Kordofan	40.1	12.2	125	106	52.4	56.4	6.3
W. Kordofan	39.6	11.0	119	96	52.8	57.5	6.4
S. Kordofan	39.3	12.4	136	119	50.5	53.3	6.5
N. Darfur	41.0	11.4	116	96	53.7	57.9	6.5
W. Darfur	39.0	11.4	124	108	52.8	56.0	6.5
S. Darfur	41.0	11.0	120	103	53.1	56.7	6.5
Southern region	38.0	13.9	152	130	45.9	48.7	5.6
Upper Nile	38.5	16.2	100	92	52.7	53.7	5.8
Bahr El-Ghazal	38.9	15.0	161	132	44.5	48.3	5.6
Equatoria	33.8	11.6	177	156	43.1	45.6	5.5
Sudan	37.8	11.5	134	115	52.5	55.5	5.7

Source: United Nations Population Fund, Sudan

Table A1.3: Population distribution in southern Sudan (2000)

Region	Under 5			Between 5 and 17			Adult			All age groups		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Bahr el Ghazal	294770	233386	528156	328945	284634	613579	186256	549836	736092	809971	1067856	1877827
Lakes	129735	111416	241151	154511	131817	286328	166223	279849	446072	450469	523082	973551
Upper Nile	51951	42905	94856	60441	53630	114071	31372	82234	113606	143764	178769	322533
Jonglei	37004	30943	67947	51043	47987	99030	43302	86706	130008	131349	165636	296985
Western Equatoria	67529	66032	133561	125410	108539	233949	178097	237713	415810	371036	412284	783320
Eastern Equatoria	100442	85597	186039	166921	174742	341663	93938	183169	277107	361301	443508	804809
Total	681431	570279	1251710	887271	801349	1688620	699188	1419507	2118695	2267890	2791135	5059025

UNICEF, Multiple Indicator Cluster Survey, 2000

**Table A1.4: Infant and child mortality
(per 1,000 live births)**

State	Neonatal Mortality rate	Post-neonatal Mortality rate	Infant Mortality rate	Child Mortality (1-4 years)	Under five Mortality rate
Northern	26	30	56	23	78
Nile	29	28	57	26	81
Red Sea	50	66	116	56	165
Kassala	38	63	101	51	148
Al-Gadarif	31	36	67	54	117
Al-Gezira	21	22	43	17	59
Sinnar	24	26	51	50	98
White Nile	33	37	70	44	111
Blue Nile	46	55	101	80	172
Khartoum	27	42	69	38	103
North Kordufan	28	32	60	37	94
South Kordufan	38	57	95	57	147
West Kordufan	34	38	72	25	95
North Darfur	27	34	61	42	101
South Darfur	33	32	64	34	96
West Darfur	42	30	71	35	104
Northern Sudan	31	37	68	38	104
Urban	27	40	67	37	101
Rural	33	35	68	39	105
Male	37	36	73	37	108
Female	25	37	62	40	99
			Indirect Method		
Southern Sudan	--	--	82	54	132
Male	--	--	85	57	138
Female	--	--	79	51	126

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999.

**Table A1.5: Drinking water sources in northern Sudan
(percent of population)**

State	Main source of water							
	Piped into dwelling	Public tap	Deep Well/pump	Dug Well/ bucket	River/canal	Rainwater	Others	Missing
Northern	50.8	4.3	15.8	9.8	12.8	--	6.4	0.1
Nile	42.3	3.7	12.2	13.5	24.7	--	3.4	0.2
Red Sea	25.6	18.3	28.3	25.8	1.5	--	0.5	--
Kassala	22.6	16.0	21.0	6.4	23.1	1.5	8.7	0.8
Al-Gadarif	12.6	18.8	27.7	13.9	13.8	9.4	3.6	0.2
Al-Gezira	47.2	14.1	16.6	6.6	12.0	0.2	3.3	--
Sinnar	30.2	11.3	32.4	0.6	8.1	9.3	7.6	0.4
White Nile	23.1	5.5	10.3	12.4	28.5	7.7	11.8	0.8
Blue Nile	12.3	2.1	9.3	2.1	33.2	27.9	13.0	0.0
Khartoum	59.8	3.5	29.5	2.4	0.2	1.6	2.9	--
North Kordufan	16.3	5.3	20.5	25.4	2.2	13.2	17.1	--
South Kordufan	0.9	1.7	76.6	7.1	0.1	4.9	8.6	--
West Kordufan	2.2	2.1	62.8	6.9	2.1	19.7	4.1	0.1
North Darfur	10.7	3.1	42.1	40.7	0.4	1.9	1.2	--
South Darfur	9.8	6.9	32.9	26.8	8.7	13.4	1.5	--
West Darfur	9.7	3.4	16.1	50.6	1.1	18.5	0.7	0.0
Urban	44.3	10.5	24.6	8.3	3.8	0.5	7.7	0.3
Rural	10.7	5.4	30.9	18.9	16.0	13.0	5.0	0.1
Total	24.0	7.4	28.4	14.7	11.2	8.1	6.0	0.2

Source: UNICEF, Multiple Indicators Cluster survey, 2000, and Safe Motherhood Survey, 1999

**Table A1.6: Drinking water sources in southern Sudan
(percent of population)**

		Main source of water							Total
		Piped into dwelling	Public tap	Deep Well/pump	Dug Well/ bucket	River/canal	Rainwater	Others	
Town	Juba	13.0	33.6	44.8		6.3	0.3	2.1	100.0
	Wau		1.0	67.0	30.3	0.2		1.5	100.0
	Malakal	3.6	1.8		0.2	94.1		0.3	100.0
Urban/Rural	Urban	6.8	15.8	38.2	8.3	29.5	0.1	1.4	100.0
Total		6.8	15.8	38.2	8.3	29.5	0.1	1.4	100.0

Source: UNICEF, Multiple Indicators Cluster survey, 2000, and Safe Motherhood Survey, 1999

**Table A1.7: Excreta disposal in northern Sudan
(percent of population)**

State	Type of toilet facility							
	Flush to Sewage System	Flush to septic tank	Traditional pit latrine	Soak away pit	Others	Missing	No facilities	Total
Northern	--	7.7	69.2	1.6	1.6	--	19.9	100.0
Nile	--	12.3	72.6	0.7	0.7	0.1	13.5	100.0
Red Sea	--	20.9	26.1	4.2	0.7	0.2	47.9	100.0
Kassala	--	11.6	34.3	1.2	0.3	0.5	52.0	100.0
Al-Gadarif	--	5.0	31.7	3.1	0.0	0.0	60.1	100.0
Al-Gezira	--	4.2	51.7	2.1	1.7	0.2	40.0	100.0
Sinnar	--	2.7	46.6	5.3	2.1	0.7	42.7	100.0
White Nile	--	4.8	45.7	3.7	2.2	0.5	43.2	100.0
Blue Nile	--	3.5	56.0	3.2	0.4	0.8	36.0	100.0
Khartoom	1.1	11.2	73.8	0.9	3.1	0.4	9.5	100.0
North Kordufan	--	2.9	31.4	1.9	1.0	0.1	62.6	100.0
South Kordufan	--	2.4	48.7	0.3	1.4	0.9	46.4	100.0
West Kordufan	--	1.6	70.6	0.9	0.1	0.8	25.9	100.0
North Darfur	--	8.0	47.7	1.7	8.2	0.2	34.2	100.0
South Darfur	--	5.6	56.3	1.3	0.3	1.6	35.0	100.0
West Darfur	--	5.5	41.8	0.9	0.1	0.1	51.6	100.0
Urban	0.1	15.0	61.6	3.8	2.3	0.4	16.7	100.0
Rural	0.0	1.3	44.0	1.0	0.9	0.5	52.3	100.0
Total	0.1	6.7	50.9	2.1	1.5	0.5	38.3	100.0

Source: UNICEF, Multiple Indicators Cluster survey, 2000, and Safe Motherhood Survey, 1999

**Table A1.8: Excreta disposal in southern Sudan
(, percentage of population)**

State	Type of toilet facility							
	Flush to Sewage System	Flush to septic tank	Traditional pit latrine	Septic Tank	Others	Missing	No facilities	Total
Town								
Juba	0.1	6.5	38.6	11.0	0.6	1.5	41.8	100.0
Wau	0.9	16.7	36.1	0.4		2.1	43.8	100.0
Malakal		2.1	22.4	4.5	0.6	0.3	70.1	100.0
Urban/Rural								
Urban	0.3	8.0	33.4	6.3	0.4	1.3	50.3	100.0
Total	0.3	8.0	33.4	6.3	0.4	1.3	50.3	100.0

Source: UNICEF, Multiple Indicators Cluster survey, 2000, and Safe Motherhood Survey, 1999

Table A1.9: Live births that weighed below 2500 grams, northern Sudan (1999)

State	Percent
Northern	28.7
Nile	31.1
Red Sea	32.2
Kassala	25.4
Al-Gadarif	32.9
Al-Gezira	18.7
Sinnar	36.5
White Nile	38.2
Blue Nile	32.4
Khartoum	18.2
Northern Kordufan	39.0
Southern Kordufan	38.9
Western Kordufan	31.8
Northern Darfur	34.6
Southern Darfur	23.9
Western Darfur	27.7
Urban	24.4
Rural	33.5
Mother's education:	
No schooling	32.5
Primary	30.8
Secondary	24.1
Total	30.7

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.10: Live births weighed below 2500 grams, southern Sudan (1999)

Town	Percent
Juba town	15.3
Wau town	16.4
Malakal	21.5
Urban	17.1
Rural	--
Mother's education	
No schooling	17.3
Primary	15.0
Secondary	18.0
Total	17.1

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.11: Birth attendants for women giving birth in the last year in northern Sudan

	Doctor	Health visitor	Village midwife	Trained TBA	Untrained TBA	Other	Unattended
Northern	68.4	9.0	5.7	2.7	--	0.6	13.6
Nile	38.2	27.1	11.7	7.3	--	--	15.7
Red Sea	41.4	25.1	13.8	4.2	--	0.7	14.8
Kassala	25.2	27.9	15.0	13.7	0.8	--	17.5
Al-Gadarif	25.7	23.5	7.9	15.4	0.3	2.1	25.0
Al-Gezira	38.9	16.3	25.6	5.6	0.1	--	13.5
Sinnar	29.5	26.2	16.7	5.1	0.2	0.2	22.2
White Nile	33.2	21.7	14.1	11.9	0.5	0.9	17.7
Blue Nile	7.9	20.7	14.1	4.6	0.2	2.2	50.3
Khartoum	42.9	22.3	10.8	16.8	0.3	0.1	6.8
Northern Kordufan	15.9	13.3	21.4	24.7	1.6	1.5	21.7
Southern Kordufan	5.4	23.7	13.8	26.1	1.3	3.4	26.2
Western Kordufan	13.6	13.9	25.4	11.1	1.1	1.0	33.9
Northern Darfur	10.6	14.9	4.4	12.3	0.5	1.1	56.2
Southern Darfur	10.3	9.9	23.4	5.3	1.2	1.1	48.7
Western Darfur	5.5	7.0	14.2	2.5	0.6	0.7	69.6
Urban	34.4	35.2	10.2	8.8	0.2	0.5	10.7
Rural	22.0	11.8	16.9	11.4	0.7	1.2	36.1
Mothers education							
No schooling	16.4	15.3	15.9	11.2	0.6	1.0	39.5
Primary	32.2	24.6	15.6	11.7	0.4	1.1	14.4
Secondary	50.6	24.3	9.8	6.8	0.4	0.6	7.5
Total	25.7	18.9	14.9	10.6	0.5	1.0	28.4

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.12: Birth attendants for women giving birth in the last year in southern Sudan

	Doctor	Health visitor	Village midwife	Trained TBA	Untrained TBA	Other	Unattended
Juba town	5.4	88.5	1.6	1.8	--	--	2.7
Wau town	4.0	63.2	11.5	10.8	0.3	3.7	6.5
Malakal town	0.9	26.6	21.9	29.2	6.9	--	6.5
Urban	3.9	65.9	9.5	11.1	1.7	1.2	6.7
Rural	--	--	--	--	--	--	--
Education	4.0	60.	10.9	11.4	2.7	1.5	8.8
No schooling	3.4	69.6	8.2	13	0.5	1.0	4.3
Primary	4.1	73.7	7.9	8.3	0.8	0.8	4.5
Secondary	--	--	--	--	--	--	--
Total	3.9						

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.13: Vaccinations of children age 12-23 months in northern Sudan (2000)

		BCG	DPT1	DPT2	DPT3	Polio 0	Polio 1	Polio 2	Polio 3
Sex	Male	65.2	66.6	56.9	42.6	21.8	74.9	65.4	45.3
	Female	63.9	65.2	54.8	41.4	23.5	73.1	63.6	43.0
States	Northern	69.5	72.9	63.6	51.7	38.1	73.7	65.3	39.8
	Nile	70.6	71.1	64.4	42.8	30.9	78.9	71.1	43.3
	Red Sea	54.5	52.9	47.1	41.3	36.4	60.3	55.4	33.9
	Kassala	70.8	70.0	64.4	47.4	38.3	71.1	66.8	27.7
	Al-Gadarif	66.2	66.7	57.5	42.0	34.2	75.8	65.3	39.3
	Al-Gezira	72.4	74.3	62.4	52.9	21.4	75.2	71.4	51.4
	Sinnar	58.7	63.5	49.5	26.9	7.7	68.8	60.6	41.8
	White Nile	70.6	74.9	62.4	44.1	16.3	82.6	76.0	54.8
	Blue Nile	79.4	77.7	71.3	60.0	20.8	81.4	75.2	64.2
	Khartoum	88.9	85.7	81.0	76.2	33.3	88.9	83.3	70.6
	North Kordufan	50.3	52.8	36.7	21.6	21.1	74.9	59.8	33.2
	South Kordufan	73.8	78.5	72.3	51.5	20.8	81.9	73.5	57.7
	West Kordufan	39.6	40.6	25.1	15.5	8.0	57.2	39.6	22.5
	North Darfur	68.8	70.9	61.2	44.7	12.2	78.5	65.4	52.7
South Darfur	40.7	41.9	27.2	19.9	20.3	70.7	48.8	24.0	
West Darfur	29.8	32.5	18.8	9.4	14.7	38.2	26.2	13.6	
Urban/Rural	Urban	75.5	74.9	67.1	53.7	32.4	79.4	72.8	52.7
	Rural	58.0	60.5	49.2	35.0	16.8	70.8	59.6	39.1
Mother's education level	None	54.3	56.5	45.6	32.2	17.6	67.3	56.2	36.1
	Primary	77.4	78.2	68.6	53.0	26.6	82.6	75.4	55.2
	Secondary	85.0	84.1	76.9	63.9	38.3	87.7	80.2	58.1
	Non-standard curriculum	55.4	55.4	49.2	36.9	13.8	67.7	58.5	36.9
	Missing	50.0	37.5	37.5	37.5	25.0	50.0	50.0	50.0
Total		64.5	65.9	55.9	42.0	22.6	74.0	64.6	44.2

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.13 cont'd.

		Measles	All	None	% with health card	Number of Children
Sex	Male	52.6	26.1	21.5	26.7	1860
	Female	50.4	26.6	23.1	25.1	1757
States	Northern	61.9	21.2	22	23.7	118
	Nile	62.9	21.6	16.5	26.8	194
	Red Sea	44.6	20.7	36.4	14.0	121
	Kassala	60.5	17.4	25.3	8.3	253
	Al-Gadarif	50.7	21.0	19.2	16.0	219
	Al-Gezira	60.5	35.7	21.9	20.5	210
	Sinnar	45.7	18.3	25.5	21.2	208
	White Nile	63.5	31.1	13.6	30.0	367
	Blue Nile	60.6	43.1	17.2	50.4	355
	Khartoum	71.4	57.1	8.3	51.6	252
	North Kordufan	37.2	12.6	20.1	19.6	199
	South Kordufan	57.7	34.2	14.6	34.2	260
	West Kordufan	28.9	10.2	36.9	12.3	187
	North Darfur	46.8	31.2	18.6	32.1	237
South Darfur	28.5	12.6	26.8	12.2	246	
West Darfur	21.5	5.2	57.1	11.0	191	
Urban/Rural	Urban	62.5	34.9	16.8	34.0	1351
	Rural	45.0	21.3	25.5	21.1	2266
Mother's education level	None	40.8	20.0	28.8	20.5	2090
	Primary	62.8	33.3	14.0	33.1	1000
	Secondary	77.3	41.0	9.0	35.7	454
	Non-standard curriculum	43.1	21.5	29.2	23.1	65
	Missing	50.0	37.5	50.0	0.0	8
Total		51.5	26.4	22.3	25.9	3617

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.14: Vaccinations of children age 12-23 months in southern Sudan

		BCG	DPT1	DPT2	DPT3	Polio 0	Polio 1	Polio 2	Polio 3
Sex	Male	72.0	66.7	59.8	47.0	53.0	75.0	68.9	53.8
	Female	71.4	66.4	52.9	39.3	52.1	70.7	64.3	39.3
Town	Juba	87.4	91.6	86.6	71.4	58.0	91.6	87.4	68.9
	Wau	60.9	47.8	31.9	20.3	47.8	63.8	49.3	26.1
	Malakal	58.3	46.4	33.3	21.4	48.8	53.6	51.2	31.0
Urba/Rural	Urban	72.3	68.0	58.6	45.3	52.0	73.8	68.0	48.0
	Rural	62.5	43.8	18.8	6.3	62.5	56.3	43.8	18.8
Mother's Education level	None	64.9	57.0	43.0	32.5	49.0	67.5	57.6	38.4
	Primary	77.0	74.3	67.6	52.7	55.4	77.0	74.3	58.1
	Secondary	82.9	82.9	78.0	61.0	56.1	80.5	80.5	56.1
	Non-standard	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
	Missing	100.0	100.0	100.0	60.0	80.0	100.0	100.0	40.0
Total		71.7	66.5	56.3	43.0	52.6	72.8	66.5	46.3

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.14 cont'd.

		Measles	All	None	% with health card	Number of children
Sex	Male	55.3	28.8	19.7	50.0	132
	Female	47.1	24.3	20.7	47.9	140
Town	Juba	79.0	46.2	5.0	69.7	119
	Wau	31.9	7.2	24.6	44.9	69
	Malakal	27.4	14.3	38.1	22.6	84
Urban/Rural	Urban	52.0	28.1	20.3	50.4	256
	Rural	37.5	0.0	18.8	25.0	16
Mother's Education Level	None	43.0	17.9	22.5	49.0	151
	Primary	56.8	35.1	20.3	48.6	74
	Secondary	65.9	43.9	14.6	48.8	41
	Non-standard curriculum	100.0	0	0	0	1
	Missing	80.0	20.0	0	60.0	5
Total		51.1	26.5	20.2	48.9	272

Source: UNICEF, Multiple Indicators Cluster Survey, 2000, and Safe Motherhood Survey, 1999

Table A1.15: Medical and health care establishments in northern Sudan (2000)

Type of Institution	1989	1993	1997	2000
Regular Hospital	205	228	274	309
Number of beds	19200	21924	22656	23076
Specialized Hospitals	19	21	31	46
Specialized Health Centers	45	47	57	63
Health Care Centers	399	477	693	915
Health Care Clinics/Units	5694	5747	5639	5269
Blood Banks	31	37	41	55
X-ray Units	55	57	68	83

Source: Ministry of Health: A Study of the Status of Health Services in Sudan and their Compatibility with the Principles of Primary Health Care, August/September 2001

Table A1.16: Medical & health staff by professional grouping in northern Sudan (2000)

Categories of Staff	1989	1993	1997	2000
Specialists	664	599	869	1127
General Practitioners	1368	922	1122	1405
Trainees/Residents	278	391	1227	2238
Dentists	189	185	205	222
Pharmacists	162	186	302	306
Technicians	1640	1629	1961	2433
Medical Assistants	4937	4580	5742	6193
Nurses	16954	16006	16509	17526
Junior Nurses	550	600	731	655
Mid-wives	5308	5881	7506	9290
Senior Health Inspectors	234	251	275	365
Health Inspectors	690	697	938	917
Assistant Health Inspectors	1135	1535	1035	1473

Source: Ministry of Health, A Study of the Status of Health Services in Sudan and their Compatibility with the Principles of Primary Health Care, August/September 2001.

Table A1.17: Women aged 15-49 who have knowledge of HIV/AIDS transmission, northern Sudan (2000)

		Sample size Number of women	Heard of Aids (%)	Know two ways to Prevent HIV transmission (%)	Identify 3 misconceptions about HIV transmission (%)	Have sufficient knowledge (%)
States	Northern Nile	1199	48.1	15.7	6.8	2.3
	Red Sea	1274	32.7	8.9	3.8	1.7
	Kassala	1590	28.7	5.9	2.8	0.5
	Al-Gadarif	1460	39.0	7.7	6.6	3.2
	Al-Gezira	1516	54.6	16.2	13.3	6.8
	Sinnar	1440	37.2	8.1	6.5	1.9
	White Nile	1623	57.7	14.2	9.6	3.8
	Blue Nile	1711	30.5	5.7	3.4	1.7
	Khartoum	1480	72.0	12.0	16.4	3.2
	North Kordofan	1330	36.5	7.1	1.4	0.4
	South Kordofan	1528	35.7	7.2	4.3	1.6
	West Kordofan	1514	28.1	5.1	3.6	0.8
	North Darfur	1393	32.5	5.7	8.2	3.9
	South Darfur	1429	34.8	11.6	1.5	0.6
	West Darfur	1288	20.5	6.4	1.2	0.6
Urban/Rural	Urban	8421	61.2	15.7	11.4	4.1
	Rural	14526	28.3	5.7	3.1	1.2
Age	15-19	1205	27.7	4.6	3.0	0.8
	20-24	3229	41.7	9.1	5.1	1.6
	25-29	5165	42.7	9.7	6.3	2.1
	30-34	3822	43.9	10.9	7.3	3.0
	35-39	4802	41.2	10.3	6.7	2.7
	40-44	2420	39.8	8.6	7.2	2.7
	45-49	2302	33.1	7.9	4.6	1.9
Mother's education level	None	14305	22.1	3.2	1.5	0.5
	Primary	5658	65.5	16.5	9.8	3.9
	Secondary	2471	90.4	29.3	25.0	9.3
	Non-standard curriculum	447	30.9	6.9	2.7	0.7
	Missing	66	42.4	13.6	1.5	1.5
Total		22947	40.4	9.4	6.1	2.3

Source: Multiple Indicators Cluster Survey, 2000.

Table A1.18: Women aged 15-49 who have knowledge of HIV/AIDS transmission, southern Sudan

		Sample Size (number of women)	Heard of AIDS (%)	Know two ways to prevent HIV Transmission (%)	Identify three misconceptions about HIV Transmission (%)	Have Sufficient Knowledge (%)
States	Equatoria	713	90.6	14.2	3.8	1.0
	Bahr-El-Gazal	439	60.8	20.5	3.9	2.3
	Upper Nile	434	32.9	3.0	7.4	2.5
Urban/Rural Age	Urban	1586	66.6	12.9	4.8	1.8
	15-19	145	54.5	9.7	1.4	0.7
	20-24	278	70.9	14.0	5.4	2.2
	25-29	457	58.6	10.5	3.7	1.3
	30-34	247	70.0	17.8	4.9	2.4
	35-39	280	75.7	12.9	8.6	2.5
	40-44	100	80.0	14.0	4.0	1.0
	45-49	79	59.5	11.4	2.5	1.3
	Mother's education level	None	986	65.1	13.4	2.2
Primary		367	65.1	10.1	6.8	0.8
Secondary		196	73.5	16.3	13.8	4.6
Non-standard curriculum		7	57.1	0.0	0.0	0.0
Missing		30	90.0	10.0	6.7	0.0
Total		1586	66.6	12.9	4.8	1.8

Source: Multiple Indicators Cluster Survey, 2000

Table A1.19: Summary indicators of child health and welfare in northern Sudan

	Percent
Under 5 mortality rate, per 1000	104
Infant mortality rate, Per 1000	68
Under weight prevalence (%)	11.2
Use of safe drinking water (%)	60
Use of sanitary means of excreta disposal (%)	60
Children reaching grade five (%)	71
Net primary school attendance rate	47
Literacy rate	50.6
Antenatal care	72
Contraceptive prevalence	7
Child birth rate	87
Birth weight below 2.5 Kg	31
Iodized salt consumption	0.6
Children receiving Vitamin A supplementation	44
Mothers receiving Vitamin A supplementation	19
Excluding breast feeding rate	19
Continued breast feeding rate	44
DPT immunization coverage	42
Measles immunization coverage	51.5
Polio immunization coverage	44.2
Tuberculosis immunization coverage	64.5
Children protected against neonatal tetanus	42
ORT use	37
Home management of diarrhea	24
Care seeking for acute respiratory infections	62
Pre-school development	16
Birth registration	59

Source: Multiple Indicators Cluster Survey, 2000.

¹Proportion of children aged 0-14 years not living with biological parent in households

APPENDIX 2. EDUCATION

Table A2.1: Gross and net enrollment ratios in basic education (1998/99)

		Total enrollment (all ages)			Enrollment in official basic education school age			Official school age population	GER (Gross enrollment rate)	NER (Net enrollment rate)
		Total	Public	Private	Total	Public	Private			
Sudan	Total (MF)	2,976,719	2,863,152	113,567	2,611,470	2,502,661	108,809	6,539,234	45.5	39.9
	Male (M)	1,606,066	1,546,470	59,596	1,428,243	1,369,964	58,278	3,335,994	48.1	42.8
	Female (F)	1,370,653	1,316,681	53,972	1,183,227	1,132,696	50,531	3,203,240	42.8	36.9
Eastern	Total (MF)	287,780	287,780	12,226	236,596	227,868	8,728	749,126	38.4	31.6
	Male (M)	165,022	161,656	3,366	132,386	129,734	2,652	384,215	43.0	34.5
	Female (F)	134,984	126,124	8,860	104,209	98,133	6,076	364,911	37.0	28.6
Central	Total (MF)	935,465	885,501	49,964	820,316	771,259	49,057	1,396,603	67.0	58.7
	Male (M)	502,155	477,005	25,150	444,477	420,104	24,373	710,459	70.7	62.6
	Female (F)	433,310	408,496	24,814	375,839	351,155	24,684	686,144	63.2	54.8
Khartoum	Total (MF)	564,053	564,053	--	498,677	498,677	--	765,914	73.6	65.1
	Male (M)	287,355	287,355	--	263,287	263,287	--	389,527	73.8	67.6
	Female (F)	276,698	276,698	--	235,389	235,389	--	376,387	73.5	62.5
Kordufan	Total (MF)	401,641	395,664	5,977	343,106	337,556	5,550	909,154	44.2	37.7
	Male (M)	215,037	211,305	3,732	191,138	187,828	3,310	463,249	46.4	41.3
	Female (F)	186,604	184,359	2,245	151,968	149,728	2,240	445,905	41.8	34.1
Darfur	Total (MF)	382,544	381,133	1,411	338,079	337,321	757	1,325,240	28.9	25.5
	Male (M)	224,770	223,847	923	193,938	193,410	528	673,901	33.4	28.8
	Female (F)	157,774	157,287	487	144,140	143,911	230	651,339	24.2	22.1
Northern	Total (MF)	255,157	255,157	--	249,129	249,129	--	293,450	87.0	84.9
	Male (M)	130,188	130,188	--	127,914	127,914	--	149,319	87.2	85.7
	Female (F)	124,969	124,969	--	121,215	121,215	--	144,131	86.7	84.1
Southern	Total (MF)	137,853	93,864	43,989	125,568	80,851	44,717	1,099,747	12.5	11.4
	Male (M)	81,539	55,115	26,424	75,102	47,686	27,416	565,324	14.4	13.3
	Female (F)	56,314	38,749	17,565	50,466	33,165	17,301	534,423	10.5	9.4
Urban areas	Total (MF)	2,232,868	2,145,996	86,872	2,144,387	1,841,712	302,675	4,374,748	51.0	49.0
	Male (M)	1,200,573	1,155,479	45,094	1,145,688	1,001,859	143,829	2,203,657	54.5	52.0
	Female (F)	1,032,294	990,517	41,777	998,699	839,854	158,845	2,171,091	47.5	46.0
Rural areas	Total (MF)	743,851	717,156	26,695	204,827	168,556	36,272	2,164,486	34.4	9.5
	Male (M)	405,493	390,991	14,501	127,162	106,964	20,198	1,090,300	37.2	11.7
	Female (F)	338,359	326,165	12,194	77,666	61,592	16,074	1,074,187	31.5	7.2

Source: Directorate of Planning, Ministry of Education

Table A2.2: Gross primary school enrollment by states

State	6-13 population in in age group	Enrollment	Enrollment rate
Northern	114,040	100,336	88.0
Nile	186,851	147,477	78.9
Khartoum	795,983	659,028	82.8
Al-Gazira	658,547	538,183	81.7
Blue Nile	143,305	48,914	34.1
Sinnar	267,649	146,090	54.6
White Nile	335,040	255,152	76.2
North Kordofan	364,719	170,023	46.6
South Kordofan	290,819	100,663	34.6
West Kordofan	277,662	124,379	44.8
North Darfur	338,846	289,263	85.4
South Darfur	553,723	210,109	37.9
West Darfur	387,612	83,354	21.5
Red Sea	154,210	69,290	44.9
Kassala	274,713	103,131	37.5
Al-Gadarif	311,547	142,313	45.7
Bahr Al Gazal	486,000	29,952	6.2
Equatoria	292,646	42,728	14.6
Upper Nile	259,318	48,002	18.5
Sudan	6,493,230	3,308,387	51.0

Source: Directorate of Planning, Ministry of Education, March 2002.

Table A2.3: Children entering first grade of primary school who eventually reach grade 5, northern Sudan (2000)

		Percentage in grade 1 reaching grade 2	Percentage in grade 2 reaching grade 3	Percentage in grade 3 reaching grade 4	Percentage in grade 4 reaching grade 5	Percentage who reached grade 5 of those who enter grade 1
Sex	Male	92.2	91.8	89.1	92.0	69.4
	Female	93.0	92.2	90.9	92.7	72.2
States	Northern	94.9	96.1	96.0	96.1	84.2
	Nile	99.5	98.6	91.3	99.2	88.9
	Red Sea	98.7	97.2	98.0	98.4	92.5
	Kassala	100.0	99.6	99.6	99.5	98.7
	Al-Gadarif	97.0	97.9	97.5	95.7	88.7
	Al-Gezira	99.7	98.9	98.8	100.0	97.4
	Sinnar	97.0	96.5	93.6	97.9	85.8
	White Nile	95.5	93.0	92.9	92.5	96.3
	Blue Nile	66.3	62.2	58.3	57.6	13.9
	Khartoum	99.6	97.0	88.6	98.9	84.1
	North Kordofan	94.6	97.1	92.8	94.7	80.8
	South Kordofan	98.9	97.6	93.8	98.9	89.4
	West Kordofan	99.6	98.8	97.2	96.8	92.6
	North Darfur	94.3	91.9	95.6	91.1	75.4
	South Darfur	45.3	49.6	48.5	49.7	5.4
	West Darfur	98.8	97.6	99.0	97.9	93.5
Urban/Rural	Urban	96.1	95.7	92.6	95.8	81.7
	Rural	89.3	88.4	87.5	88.8	61.4
Total		92.6	92.0	90.0	92.3	70.7

Source: Directorate of Planning. Ministry of Education.

Table A2.4: Children entering first grade of primary school who eventually reach grade 5, southern Sudan (2000)

		Percentage in grade 1 reaching grade 2	Percentage in grade 2 reaching grade 3	Percentage in grade 3 reaching grade 4	Percentage in grade 4 reaching grade 5	Percentage who reached grade 5 of those who enter grade 1
Male		99.4	99.2	98.3	98.8	95.8
Female		99.4	98.0	100.0	98.9	96.3
Town	Juba	98.9	99.4	98.3	99.0	95.7
	Wau	100.0	100	100.0	100.0	100.0
	Malakal	100.0	95.4	100.0	97.9	93.4
Urban/Rural	Urban	99.4	98.6	99.1	98.9	96.0
Total		99.4	98.6	99.1	98.9	96.0

Source: Directorate of Planning. Ministry of Education.

Table A2.5: Percent of population above 15 years that is literate

	Male	Female	Total
Northern Nile	72.2	71.0	71.5
Red Sea	52.8	51.3	52.0
Kassala	38.1	37.8	38.0
Al-Gadrf	43.2	43.3	43.3
Al-Gezira	59.5	57.7	58.6
Sinnar	50.1	49.9	50.0
White Nile	51.8	51.4	51.6
Blue Nile	38.4	35.2	36.7
Khartoum	75.9	73.9	74.9
Northern Kordufan	41.0	39.6	40.2
Southern Kordufan	36.1	34.6	35.2
Western Kordufan	34.9	34.0	34.4
Northern Darfur	48.4	47.8	48.1
Southern Darfur	42.5	39.0	40.7
Western Darfur	27.5	24.6	25.9
Urban	67.0	65.2	66.0
Rural	38.8	38.1	38.4
Age			
15-24	57.2	53.0	54.8
25-34	52.0	45.2	47.8
35-44	41.9	46.3	44.1
45-54	43.7	54.5	48.7
55-64	54.4	51.0	53.0
65+	54.9	39.6	49.3
Total	50.6	49.2	49.9

Source: Ministry of Education

Table A2.6: Condition of schools in southern Sudan

Region	No. of Schools	Pupil class ratio	Pupil teacher Ratio	% of trained teachers	% of untrained teachers	% in-service teachers	% female teachers	% girls enrolled	% male teachers	% brick classrooms	% with latrines	% with clean water
Bahr El Ghazal	395	51	39	8	58	36	6	16	94	7	11	28
Equatoria	440	40	26	9	44	47	9	37	91	18	61	56
Upper Nile	261	67	39	2	47	51	3	27	97	4	13	41
Southern Sudan	1096	48	33	7	45	48	7	26	93	12	33	54

Source: UNICEF, School Baseline Assessment Report, Southern Sudan, May 2002

Table A2.7: Enrollment and gender gap, southern Sudan

Grade	Percentage enrollment				Gender gap		
	S. Sudan	Bahr El Ghazal	Equatoria	Upper Nile	No. of girls to boys	% of boys	% of girls
1	39	43	31	48	0.41	71	29
2	22	24	22	23	0.36	74	26
3	16	14	16	15	0.34	75	25
4	11	10	12	8	0.30	76	24
5	6	5	8	3	0.29	77	23
6	3	2	6	1	0.29	77	23
7	2	1	3	1	0.25	80	20
8	1	1	2	0	0.26	79	21
All grades	100	100	100	100	0.31	76	23

Source: UNICEF, School Baseline Assessment Report, Southern Sudan, May 2002

Table A2.8: Students enrolled in government universities according to international classification for education (ISCED) for the academic years 1990/1991-2000/2001

Discipline	90/91		91/92		92/93		93/94		94/95	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Education	1806	1253	2569	2407	2884	2373	4568	3910	6301	7422
Humanities & Arts	4745	4548	4068	1876	2978	5173	8691	7678	5303	6994
Social Sciences, Business & Law	13521	9810	6166	3961	15311	9103	53943	12373	12709	6539
Science	1194	904	760	814	1566	1013	1144	1374	2406	2394
Engineering, Manufacturing & Construction	2560	533	2564	627	4011	1025	6076	1309	8009	2006
Agriculture	1254	994	3787	2088	3295	1232	3679	3003	5554	4961
Health & Welfare	2001	1144	2385	1881	3416	2206	2537	1352	4600	3351
Services	152	79	231	147	307	188	114	84	366	3442
Grand Total	27233	19265	22530	13801	33768	22313	80752	31083	45248	37109

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

Table A2.8 cont'd.

Discipline	95/96		96/97		97/98		99/00		2000/01	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Education	7083	10519	8514	11787	11895	7995	8287	14696	9637	16976
Humanities & Arts	7794	8292	14204	11707	10441	13327	12866	18836	10781	15271
Social Sciences, Business & Law	12367	8851	33861	27357	32740	27901	30942	33742	30950	33751
Science	2448	2255	5201	5380	5630	4408	6181	5356	7040	5841
Engineering, Manufacturing & Construction	8517	2017	16321	6142	10978	3792	9422	4750	13982	5420
Agriculture	6026	5747	7708	6805	6987	2327	4023	4704	5363	6123
Health & Welfare	5070	4155	8152	7828	9908	6622	6400	7997	8596	11256
Services	327	365	212	318	243	248	537	378	612	417
Grand Total	49632	42201	94173	77324	88822	66620	78658	90459	86961	95055

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001.

Table A2.9: Students enrolled in government universities (2000/2001)

University	Students Enrolled
Khartoum	19229
Holy Quran & Islamic Sciences	17715
Omdurman Islamic	18968
Gezira	20637
Sudan University of Science & Technology	24765
Juba	13056
Upper Nile	1277
Bahr Al Gazal	1246
Al Neelain	31168
Al Zaaïem Al Azhari	3363
Shendi	4669
Nile Valley	7964
Dongola	1967
Red Sea	4082
Kassala	3317
Elgadarif	3307
Sinnar	3551
Blue Nile	816
Al Imam Al Mahadi	3164
Bakht Elruda	2683
Kordofan	3154
Aldalanj	3749
West Kordofan	1290
Al Fashir	5070
Nyala	2406
Zalengi	1005
International University of Africa	2920
Grand Total	206538

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001.

**Table A2.10: Students enrolled in private universities
(2000/2001)**

University	Students Enrolled
Ahfad University for Women	4138
Sudan International University	562
Sharq Elniel College	3827
Computer Man College	1549
Khartoum College of Technology	1001
Elnasr Technical College	1692
Aviation Science College	952
Africa College	919
Wad Madani Ahlia College	729
High Institute for Banking and Finance Studies	2393
College of Technological Sciences	6968
Al Sharg Ahlia College	806
Khartoum College of Applied Studies	583
Sudan University College for Women	794
Port Sudan Ahlia College	1096
Bahri Ahlia College	210
Abu Bakr Osman Ahlia College	137
Bayan Science & Technology College	984
Sudan High Institute for Tourism & Hotels	52
Kosti Ahlia College	114
El Obeid Technical College	264
Al Amir Osman Digna College	17
Meilaik College for Social Development	23
Khartoum Academy for Medical Sciences	1563
Tahnoun College	39
Grand Total	31412

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991 -2000/2001.

Table A2.11: Primary school teachers fulfilling national standard requirements (1998/99)

		Total	With academic Qualification (%) ¹	Certified to teach (%) ²
Sudan	Total (MF)	103,082	61.1	59.7
	Male (M)	29,583	73.5	71.6
	Female (F)	73,499	56.1	54.9
Eastern	Total (MF)	8,902	65.2	60.8
	Male (M)	2,693	76.2	70.0
	Female (F)	6,209	60.5	56.7
Central	Total (MF)	35,239	63.2	63.3
	Male (M)	13,882	68.6	72.3
	Female (F)	21,375	59.7	57.5
Khartoum	Total (MF)	18,355	44.2	59.9
	Male (M)	4,666	71.4	65.3
	Female (F)	13,689	34.9	58.0
Kordufan	Total (MF)	15,592	63.0	40.1
	Male (M)	3,816	84.3	66.7
	Female (F)	11,776	56.2	31.5
Darfur	Total (MF)	12,826	75.6	61.6
	Male (M)	2,480	79.4	84.3
	Female (F)	10,346	74.7	56.2
Northern	Total (MF)	10,079	56.7	74.0
	Male (M)	1,579	80.5	76.3
	Female (F)	8,499	52.3	73.6
Southern	Total (MF)	2,090	73.1	56.4
	Male (M)	467	79.7	80.5
	Female (F)	1,623	71.2	49.5
Urban areas	Total (MF)	73,235	70.2	60.4
	Male (M)	45,296	74.3	63.1
	Female (F)	27,939	63.6	56.1
Rural areas	Total (MF)	29,847	52.0	64.8
	Male (M)	8,967	67.0	72.3
	Female (F)	20,880	45.5	61.6

¹ Sudan Secondary Certificate

² Teacher Training Institute Certificate

Source: EFA 2000 Assessment

Table A2.12: Total enrollment, number of teachers and pupil-teacher ratios in primary education (1998/99)

	Total enrollment			Total number of teachers			Pupil-teacher ratios		
	Total	Public	Private ¹	Total	Public	Private ¹	Total	Public	Private ¹
Sudan	2,976,719	2,842,596	134,123	103,082	99,679	3,404	29	29	39
Eastern	300,006	287,780	12,226	8,902	8,184	717	34	35	17
Central	935,465	885,501	49,964	35,239	34,393	846	27	26	59
Khartoum	564,053	543,497	20,556	18,355	17,513	842	31	31	24
Kordofan	401,641	395,664	5,977	15,592	15,332	260	26	26	23
Darfur	382,544	381,133	1,411	12,826	12,637	190	30	30	7
Northern	255,157	255,157	--	10,079	10,079	--	25	25	--
Southern	137,853	93,864	43,989	2,090	1,541	549	66	61	80
Urban areas	2,232,868	2,145,996	86,872	73,235	67,344	5,891	30	32	15
Rural areas	743,851	717,156	26,695	29,847	27,634	2,213	25	26	12

¹ By "Private" is meant all educational institutions not operated by a public authority whether or not it receives financial support from such authorities.

Source: FMOE, EFA, the year 2000 Assessment. Sample Survey October 1999.

Table A2.13: Teaching staff of government universities by sex, according to international classification for education (ISCED) for the academic years 1990/1991-2000/2001

Sector	90/91		91/92		92/93		93/94		94/95	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Education	168	18	237	89	171	29	479	142	434	116
Humanities & Arts	131	7	160	99	143	26	332	97	488	12
Social Sciences, Business & Law Science	198	7	203	70	237	22	433	82	471	96
	16	3	125	43	154	44	254	91	171	70
Engineering, Manufacturing & Construction	67	9	240	19	206	9	358	36	418	50
Agriculture	52	87	386	71	217	25	705	101	704	117
Health & Welfare	83	19	156	66	315	31	561	191	449	94
Services	14	4	27	7	11	2	34	5	32	12
Grand Total	729	154	1534	464	1454	188	3156	745	3167	567

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001.

Table A2.13 cont'd.

Sector	95/96		96/97		97/98		99/00		00/01	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Education	721	234	746	317	668	327	785	370	751	368
Humanities & Arts	578	172	847	258	527	253	612	212	616	207
Social Sciences, Business & Law	647	154	889	188	546	208	842	260	290	180
Science	446	179	562	279	271	156	367	162	534	204
Engineering, Manufacturing & Construction	595	41	619	49	502	94	556	146	498	76
Agriculture	1157	273	948	264	783	202	771	231	816	232
Health & Welfare	619	143	600	190	542	173	692	246	622	265
Services	47	19	46	32	46	28	66	33	59	17
Grand Total	4810	1215	5257	1577	3885	1441	4691	1660	4186	1549

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

Table A2.14: Teaching staff of government universities by academic qualification & sex, (2000/2001)

University	Ph.D.		M.Sc.		High Diploma		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Khartoum	522	58	266	98	8	--	796	156
Holy Quran & Islamic Sciences	--	68	21	62	--	--	21	130
Omdurman Islamic	263	48	200	151	--	--	463	199
Gezira	138	19	55	33	--	--	193	52
Sudan University of Science & Technology	103	6	116	10	31	9	250	25
Juba	132	12	163	86	4	--	299	98
Upper Nile	23	2	70	28	8	--	101	30
Bahr Al Gazal	21	--	56	27	--	--	77	27
Al Neelain	68	9	80	22	--	--	148	31
Al Zaaem Al Al Azhari	55	6	56	20	4	2	115	28
Shendi	19	--	22	14	--	--	41	14
Nile Valley	23	1	98	20	1	--	122	21
Dongola	19	1	60	24	--	--	79	25
Red Sea	9	2	53	17	--	2	62	21
Kassala	8	--	44	13	--	--	52	13
Elgadarif	6	--	35	15	--	--	41	15
Sinnar	17	--	70	19	--	--	87	19
Blue Nile	6	--	3	5	--	--	9	5
Al Imam Al Mahadi	7	1	31	10	--	--	38	11
Bakht Elruda	7	--	26	16	13	1	46	17
Kordofan	41	1	33	18	--	--	74	19
Aldalanj	12	2	44	17	--	--	56	19
West Kordofan	7	1	39	6	--	--	46	7
Al Fashir	12	7	37	11	--	--	49	18
Nyala	10	--	40	11	--	--	50	11
Zalengi	8	--	31	4	--	--	39	4
International University of Africa	74	2	62	5	1	--	137	7
Grand Total	1610	246	1811	762	70	14	3491	1022

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

Table A2.14 cont'd

University	Ph.D.		M.Sc.		High Diploma		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
Ahfad University for Women	22	15	31	46	5	2	58	63
Sudan International University	4	1	3	--	--	--	7	1
Omdurman Ahlia University	44	6	15	16	--	--	59	22
Sharq Elniel College	46	4	21	6	--	--	67	10
Computer Man College	11	1	19	7	-	--	30	8
Khartoum College of Technology	10	--	18	6	11	3	39	9
Elnasr Technical College	16	--	21	6	5	2	42	6
Aviation Science College	3	--	9	--	2	--	14	--
Africa College	6	--	10	10	1	--	17	10
Wad Madani Ahlia College	6	--	18	5	3	--	27	5
High Institute for Banking and Finance Studies	16	1	18	--	--	--	34	1
College of Technological Sciences	53	8	60	43	2	--	115	51
Al Sharg Ahlia College	--	--	9	1	5	1	14	2
Khartoum College for Applied Studies	7	1	15	4	9	6	31	10
Sudan University College for Women	7	--	20	7	--	1	27	8
Port Sudan Ahlia College	2	--	23	4	1	1	26	5
Bahri Ahlia College	3	--	4	3	2	1	9	4
Abu Bakr Osman Ahlia College	3	--	2	3	--	--	5	3
Bayan Science & Technology College	8	--	15	1	--	--	23	1
Kosti Ahlia College	6	--	10	2	--	--	16	2
El Obeid Technical College	6	--	9	3	--	--	15	3
Al Amir Osman Digna College	5	--	2	1	--	--	7	1
Grand Total	284	37	352	174	46	17	682	225

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

**Table A2.15: Repetition rate in primary education
1998/99 (percent)**

		Grade								Average grades 1 to 5
		1	2	3	4	5	6	7	8	
Sudan	Total (MF)	11.0	10.0	11.4	12.7	12.0	11.0	13.3	11.9	11.4
	Male (M)	10.3	8.7	11.4	12.2	12.1	11.4	13.5	11.4	10.9
	Female (F)	11.8	11.7	11.3	13.4	11.9	10.4	13.1	12.5	12.0
Eastern	Total (MF)	11.9	10.3	11.6	13.6	10.6	13.3	13.2	13.8	11.7
	Male (M)	8.9	3.2	9.7	9.7	6.9	11.8	12.6	12.6	7.7
	Female (F)	15.2	18.4	14.3	18.2	15.3	15.2	13.8	15.6	16.3
Central	Total (MF)	11.3	11.4	13.7	10.6	11.4	10.4	13.5	9.8	11.7
	Male (M)	9.8	11.4	14.1	10.8	11.3	12.9	13.7	10.6	11.5
	Female (F)	12.9	11.3	13.3	10.3	11.5	8.3	13.3	9.1	11.9
Khartoum	Total (MF)	0.8	2.3	2.9	3.7	3.3	2.6	12.2	3.0	2.6
	Male (M)	0.7	2.8	4.1	10.8	3.3	3.4	15.9	4.4	2.9
	Female (F)	0.9	1.7	1.6	4.1	3.4	1.8	8.9	1.7	2.3
Kordofan	Total (MF)	17.7	15.0	16.3	17.1	18.9	16.0	19.1	18.5	16.9
	Male (M)	17.2	11.8	15.0	14.5	21.7	16.4	22.8	15.5	15.8
	Female (F)	18.2	18.5	17.8	19.9	16.0	15.6	14.9	21.1	18.1
Darfur	Total (MF)	14.1	13.0	12.4	15.8	15.7	13.4	13.3	10.7	14.2
	Male (M)	15.9	13.5	13.7	16.9	16.7	15.1	12.5	9.8	15.3
	Female (F)	12.1	12.5	10.8	14.6	14.7	11.5	14.0	11.6	12.9
Northern	Total (MF)	12.1	11.5	12.4	13.0	12.1	10.4	13.3	7.9	12.2
	Male (M)	13.2	12.9	13.7	13.1	12.6	12.5	11.3	1.1	13.1
	Female (F)	10.8	9.8	11.0	12.8	11.6	9.2	15.0	13.7	11.2
West Bahr El Ghazal	Total (MF)	8.7	11.8	7.7	11.0	8.2	7.4	9.6	14.7	8.9
	Male (M)	7.6	7.4	7.6	7.9	7.9	6.4	8.6	13.3	7.7
	Female (F)	10.6	11.8	7.9	15.7	8.8	9.8	11.7	17.6	11.1
Upper Nile	Total (MF)	7.1	5.6	11.5	13.6	13.6	12.9	12.6	16.9	10.6
	Male (M)	4.6	3.6	11.6	14.8	14.8	13.0	13.3	17.7	10.2
	Female (F)	11.0	8.6	11.5	12.0	12.0	12.7	11.4	15.7	11.1
Equatoria	Total (MF)	9.0	6.8	12.2	13.2	11.7	11.7	11.8	17.5	10.7
	Male (M)	6.3	6.1	12.1	13.8	12.8	11.1	14.4	21.0	10.4
	Female (F)	12.0	7.8	12.4	12.4	10.0	12.4	15.2	11.8	11.1
Urban areas	Total (MF)	11.6	11.5	12.3	14.8	13.1	12.9	14.3	10.3	12.7
	Male (M)	11.2	10.8	12.7	14.4	13.4	13.9	15.2	11.4	12.5
	Female (F)	11.9	12.4	11.9	15.2	12.9	11.7	13.3	9.2	12.9
Rural areas	Total (MF)	15.7	13.0	13.2	12.3	12.3	10.6	11.5	16.0	13.4
	Male (M)	15.4	12.6	13.7	12.7	12.1	10.5	11.9	14.6	13.4
	Female (F)	16.2	13.5	12.6	11.9	12.7	10.8	11.0	17.7	13.5

**Table A2.16: Measures of internal efficiency-
(1998, 1999)**

	Total								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9
Promotion rate ^{a/} %	82.7	84.5	83.4	80.9	78.3	78.4	78.1	60.0	82
Repetition Rate %	11.0	10.0	11.4	12.7	12	11	13.3	11.9	11.4
Dropout rate %	8.3	5.5	5.2	6.3	9.7	10.9	8.3	28.1	6.6
Survival rate ^{b/} %	100.0	92.9	87.2	82.1	76.1	67.7	59.4	53.7	
Year input per graduate ^{c/}									19.1
	Female								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9
Promotion rate ^{a/} %	81.6	82.7	84.9	80.0	79.1	81.0	80.0	60.3	81.7
Repetition Rate %	11.8	11.7	11.3	13.4	11.9	10.4	13.1	12.5	12.7
Dropout rate %	6.6	6.6	3.8	6.5	9.0	8.1	6.9	27.3	6.3
Survival rate ^{b/} %	100	92.5	86.6	84.3	77.9	70.7	63.6	58.5	
Year input per graduate ^{c/}									17.9
	Male								
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9
Promotion rate ^{a/} %	83.7	85.7	82.2	81.7	77.6	75.3	77.0	59.8	82.3
Repetition Rate %	10.3	8.7	11.4	12.2	12.1	11.4	13.5	11.4	10.9
Dropout rate %	6.0	5.5	6.0	6.2	10.4	13.2	9.5	28.9	6.8
Survival rate ^{b/} %	100	93.3	67.7	80.3	47.6	65.9	56.0	49.8	
Year input per graduate ^{c/}									20.3

Data source FMOE, EFA, the year 2000 Assessment. Sample Survey October 1999

a/ % entering cohort completing grade and entering next highest grade.

b/ % of cohort enrolled in school including those repeating a grade.

c/ average number of years it takes to finish grade 9.

**Table A2.17: Graduates from government and private universities and colleges
(1990/91-1998/1999)**

Sector	90/91	91/92	92/93	93/94	94/95	95/96	96/97	97/98	98/99
Education	276	197	307	518	1371	3262	3623	4626	5513
Humanities & Arts	620	697	2124	2393	2555	3431	3911	5744	6491
Social Sciences, Business & Law	844	804	5602	3804	5863	9915	10190	10810	12723
Science	224	312	684	1170	1875	2161	2517	3043	3672
Engineering, Manufacturing & Construction	287	669	2564	627	4011	6076	1309	8009	2006
Agriculture	524	465	659	943	730	2195	2713	2735	2808
Health & Welfare	397	990	1013	1469	1219	2018	2151	2250	2929
Grand Total	3172	4134	12953	10924	17624	29058	26414	37217	36142

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

Table A2.18: Distribution of students admitted to government universities, according to international classification for education (ISCED) for 2000/2001

Sector	Total	Female	Male	Female %
Education	8274	4857	3417	58.7
Arts	839	424	415	50.5
Humanities	4405	2237	2168	50.8
Social and behavior Sciences	3183	1530	1653	48.1
Business & Administration	1408	618	790	43.9
Law	3032	1325	1707	43.7
Life Sciences	958	689	269	71.9
Physical Sciences	173	6	167	3.5
Mathematics and Statistics	1154	665	489	57.6
Engineering & Eng. Trades	3430	1091	2339	31.8
Manufacturing & Processing	190	113	77	59.5
Architecture & Building	89	15	74	16.9
Agriculture, Forestry & Fishery	3404	1704	1700	50.1
Fishery	--	--	--	--
Veterinary	282	157	125	55.7
Health	3256	2047	1209	62.9
Personal Services	92	20	72	21.7
Social services	716	330	386	46.1
Environmental Protection	152	108	44	71.1
Grand Total	35037	17936	17101	51.2

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

Table A2.19: Distribution of students admitted to private universities & colleges according to international classification for education (ISCED) for 2000/2001

Sector	Total	Female	Male	Female %
Education	302	302	--	100.0
Arts	186	142	44	76.3
Humanities	870	458	412	52.6
Social and behavior Sciences	71	51	20	71.8
Business & Administration	2480	1520	960	61.3
Computing	2479	984	1495	39.7
Engineering & Eng. Trades	584	135	449	23.1
Manufacturing & Processing	149	148	1	99.3
Architecture & Building	416	165	251	39.7
Agriculture, Forestry & Fishery	54	54	--	100
Fishery	--	--	--	--
Health	765	541	224	70
Social services	6	6	--	100
Transport Services	119	50	69	42
Grand Total	8481	4556	3925	54

Source: Government of Sudan: Ministry of Higher Education and Scientific Research, General Directorate of Planning: Statistical Data on Higher Education 1990/1991-2000/2001

APPENDIX 3. NATIONAL ACCOUNTS

**Table A3.1: Gross Domestic Product by sector at current prices
(million Sudanese Dinar)**

	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92
Agriculture, Forestry & Fishing	256.7	310.6	356.9	420.2	626.6	1369.9	1779.3	3313.7	3886.3	7927.7	16764.7
Mining & Quarrying	0.4	0.5	0.5	0.6	0.8	1.6	2.6	5.6	7.3	12.6	34.5
Manufacturing	45.9	63.7	86.8	123.6	138.6	185.7	298.4	466.1	607.9	850.1	2233.0
Electricity & Water	7.6	9.4	17.5	27.6	34.8	49.6	63.9	84.8	155.0	203.0	440.8
Construction	37.8	59.9	64.8	82.5	100.3	158.0	202.8	253.4	545.2	996.2	1928.1
Commerce, Hotels & Restaurants	89.6	145.4	204.7	325.0	430.3	774.3	829.6	1901.0	2673.1	4021.0	9580.8
Transport & communications	69.9	93.1	109.8	123.3	139.8	411.9	553.0	767.0	863.0	1467.8	2874.8
Finance, Insurance, real estate	77.9	114.3	132.0	189.3	241.4	341.0	389.7	525.3	773.9	1646.1	4258.3
Community, social & personal service	10.0	13.8	17.8	24.2	31.6	41.3	43.2	96.6	223.1	402.9	891.3
Nominal financial institutions	-10.8	-13.3	-14.2	-14.5	-18.8	-25.7	-43.2	-69.0	-87.7	-104.3	-936.8
Government services	58.4	77.6	101.8	111.2	141.6	163.1	268.8	406.1	680.1	772.5	1669.7
Private nonprofit services	7.9	10.9	15.1	20.9	25.8	33.5	37.6	89.7	214.0	378.3	789.0
GDP at factor costs	651.3	885.8	1093.3	1433.8	1892.8	3504.1	4425.8	7840.3	10541.3	18573.7	40528.2
Indirect taxes less subsidies	52.7	73.4	87.4	101.9	129.0	143.9	253.4	415.9	469.8	692.3	1653.6
GDP at Market prices	704.0	959.2	1180.7	1535.7	2021.8	3648.0	4679.1	8256.2	11011.1	19266.0	42181.8
Memo items											
Agriculture	256.7	310.6	356.9	420.2	626.6	1369.9	1779.3	3313.7	3886.3	7927.7	16764.7
Industry	91.7	133.4	169.6	234.2	274.5	394.8	567.7	809.9	1315.5	2061.8	4636.4
Services	303.0	441.8	566.9	779.4	991.7	1739.4	2078.7	3716.8	5339.5	8584.2	19127.1

Source: Central Bureau of Statistics, Government of Sudan

Table 3.1 cont'd.

	1992/93	1993/94	1994/95	1996	1997	1998	1999	2000	2001	2002*
Agriculture, Forestry & Fishing	36049.4	76857.3	179028.9	419968.2	731649.8	863965.6	986825.6	1165491.2	1233899.3	1389522.7
Mining & Quarrying	257.2	539.8	1014.0	4508.2	4197.7	5790.2	37250.0	25665.9	36622.3	41767.9
Manufacturing	4253.5	8494.0	24085.1	70351.4	100680.0	127286.6	148177.0	272376.4	312785.5	331308.8
Electricity & Water	1106.2	1939.4	4295.3	15799.0	14327.9	19654.9	21992.8	46875.5	63676.1	65465.0
Construction	4444.1	11172.5	16813.9	46497.7	65597.3	154987.0	142696.3	177768.0	192676.7	209261.0
Commerce, Hotels & Restaurants	26211.0	42905.1	72056.0	185784.5	260543.6	368373.0	457100.5	577109.0	647784.9	724475.3
Transport & communications	5318.3	12701.9	191380.6	115063.4	150508.7	256339.3	375067.6	153761.8	257220.7	287702.5
Finance, Insurance, real estate	6969.9	14943.1	21699.7	91029.7	127278.2	168867.7	243532.2	304281.9	324359.4	364034.3
Community, social & personal service	1796.0	4659.9	8811.3	23792.9	34104.2	44339.0	54534.4	36385.0	38785.9	43530.1
Nominal financial institutions	-839.8	-1296.9	-2703.0	-5966.3	-12212.7	-23646.2	-13775.1	-44660.5	-47607.5	-53430.8
Government services	3339.5	5035.0	9133.8	28801.0	50672.0	67260.7	10384.0	89900.0	95700.0	109100.0
Private nonprofit services	1718.7	4311.0	8260.2	19311.0	30556.3	35323.3	44352.5	27155.4	28947.2	32488.0
GDP at factor costs	90624.0	182262.1	533875.7	1014940.8	1557902.9	2088541.1	2601137.8	2832109.6	3174850.5	3545225.8
Indirect taxes less subsidies	4220.8	5866.8	19035.0	38300.0	61541.9	58347.9	85955.6	60186.7	65407.2	70274.2
GDP at Market prices	94844.8	188128.9	552910.7	1053829.1	1619444.8	2146889.0	2687093.4	2892296.3	3240257.7	3615500.0
Memo items										
Agriculture	36049.4	76857.3	179028.9	419968.2	731649.8	863965.6	986825.6	1165491.2	1233899.3	1389522.7
Industry	10061.0	22145.7	46208.3	137156.4	184802.8	307718.6	350116.1	522685.8	595760.6	647803.7
Services	44513.6	83259.1	308638.6	457816.2	641450.3	916856.9	1264196.1	1143932.6	1345190.6	1507899.4

*Preliminary estimates

Source: Central Bureau of Statistics, Government of Sudan

Table A3.2: Gross Domestic Product by sector at 1981/82 constant prices (million Sudanese Dinar)

	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92
Agriculture, Forestry, Fishing & Hunting	256.7	234.1	223.1	195.9	227.8	250.0	218.5	290.4	231.4	228.4	284.0
Mining & Quarrying	0.4	0.5	0.4	0.4	0.6	0.3	0.3	0.5	0.7	0.8	1.5
Manufacturing	45.9	49.4	49.4	51.7	48.7	58.4	61.6	61.9	54.3	56.1	63.6
Electricity & Water	7.6	8.9	10.1	11.2	11.3	10.8	11.8	12.3	12.0	12.7	15.6
Construction	37.8	44.6	37.5	34.9	30.4	36.6	34.8	32.5	40.4	58.3	33.5
Commerce, Hotels & Restaurants	89.6	95.3	80.8	85.9	81.5	106.7	98.7	97.6	84.5	108.1	158.8
Transport & communications	69.9	70.7	70.2	62.9	72.6	80.3	86.1	83.2	75.6	99.5	107.6
Finance, Insurance, real estate	77.9	80.6	81.1	80.5	79.8	96.4	102.0	132.2	129.1	106.4	97.2
Community, social & personal service	10.0	11.1	11.4	11.7	12.5	13.0	12.8	13.2	13.8	14.6	14.1
Nominal financial institutions	-10.8	-9.3	-10.2	-9.3	-8.9	-9.1	-10.1	-10.7	-8.7	-10.5	-18.0
Government services	58.4	66.9	78.9	69.5	66.4	61.9	64.8	67.4	103.7	126.2	75.8
Private nonprofit services to households	7.9	8.4	8.9	8.8	8.7	9.1	9.4	9.8	10.1	10.5	10.8
GDP at factor costs	651.3	661.2	641.6	604.1	631.3	714.4	690.7	790.3	747.1	811.1	844.5
Indirect taxes less subsidies	52.7	57.3	40.9	35.6	43.0	55.8	77.0	47.0	43.3	38.7	61.2
GDP at market price	704.0	718.5	682.5	639.7	674.3	770.2	767.6	837.3	790.4	849.8	905.7
Memo item											
Agriculture	256.7	234.1	223.1	195.9	227.7	250.0	218.5	290.4	231.6	228.4	284.0
Industry	91.7	103.4	97.4	98.2	91.0	106.1	108.5	107.2	107.4	127.9	114.2
Services	302.9	323.7	321.1	310.0	312.6	358.3	363.7	392.7	408.1	454.8	446.3

Source: Central Bureau of Statistics, Government of Sudan

Table 3.2 cont'd.

	1992/93	1993/94	1994/95	1996	1997	1998	1999	2000	2001	2002*
Agriculture, Forestry, Fishing & Hunting	288.1	277.3	294.6	351.7	408.9	457.7	514.7	542.0	572.8	612.4
Mining & Quarrying	1.5	1.8	1.9	3.3	3.6	4.6	18.2	20.7	62.6	73.6
Manufacturing	71.5	60.9	69.1	98.1	109.1	120.8	102.7	108.1	117.4	128.1
Electricity & Water	17.8	17.2	25.3	26.8	29.0	29.5	33.8	19.5	20.4	21.5
Construction	44.1	47.2	50.2	22.6	24.4	44.9	33.6	35.1	37.5	38.7
Commerce, Hotels & Restaurants	161.7	168.8	179.1	138.8	142.5	138.7	146.6	158.7	164.7	169.3
Transport & communications	118.2	120.3	128.1	117.7	115.9	113.8	111.7	120.9	125.0	129.0
Finance, Insurance, real estate	114.0	130.0	132.9	160.8	164.3	180.2	189.8	205.4	212.4	219.2
Community, social & personal service	14.4	15.5	16.4	16.9	17.5	17.9	18.1	19.6	20.3	21.0
Nominal financial institutions	-24.0	-18.5	-19.6	-21.1	-30.6	-35.5	-22.4	-24.0	-24.9	-25.7
Government services	78.2	82.3	87.2	100.4	124.1	125.8	142.1	145.5	153.5	162.4
Private nonprofit services to households	11.1	11.4	12.0	11.9	12.2	12.6	12.9	14.3	14.8	15.3
GDP at factor costs	896.6	914.8	977.2	1027.9	1120.9	1211.0	1301.8	1365.8	1475.9	1564.8
Indirect taxes less subsidies	50.5	41.8	36.8	104.6	88.7	75.3	51.7	57.3	60.8	65.4
GDP at market price	947.1	956.6	1014.0	1132.5	1209.6	1286.3	1353.5	1423.1	1536.7	1630.2
Memo item										
Agriculture	288.1	277.3	294.6	351.7	408.9	457.7	514.7	542.0	572.2	612.4
Industry	134.9	127.1	146.5	150.8	166.1	199.8	188.3	183.4	237.9	261.9
Services	473.6	509.8	536.1	525.4	545.9	553.5	598.8	640.4	665.8	690.5

* Preliminary estimates

Source: Central Bureau of Statistics, Government of Sudan

Table A3.3: Gross Domestic Product by sector at 1981/82 constant prices (annual changes in percent)

	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93
Agriculture, Forestry, Fishing & Hunting	-8.8	-4.7	-12.2	16.2	9.8	-12.6	32.9	-20.2	-1.4	24.3	1.4
Mining & Quarrying	25.0	-20.0	0.0	50.0	-50.0	0.0	66.7	40.0	14.3	87.5	0.0
Manufacturing	7.6	0.0	4.7	-5.8	19.9	5.5	0.5	-12.3	3.3	13.4	12.4
Electricity & Water	17.1	13.5	10.9	0.9	-4.4	9.3	4.2	-2.4	5.8	22.8	14.1
Construction	18.0	-15.9	-6.9	-12.9	20.4	-4.9	-6.6	24.3	44.3	-42.5	31.6
Commerce, Hotels & Restaurants	6.4	-15.2	6.3	-5.1	30.9	-7.5	-1.1	-13.4	27.9	46.9	1.8
Transport & communications	1.1	-0.7	-10.4	15.4	10.6	7.2	-3.4	-9.1	31.6	8.1	9.9
Finance, Insurance, real estate	3.5	0.6	-0.7	-0.9	20.8	5.8	29.6	-2.3	-17.6	-8.6	17.3
Community, social & personal service	11.0	2.7	2.6	6.8	4.0	-1.5	3.1	4.5	5.8	-3.4	2.1
Nominal financial institutions	-13.9	9.7	-8.8	-4.3	2.2	11.0	5.9	-18.7	20.7	71.4	33.3
Government services	14.6	17.9	-11.9	-4.5	-6.8	4.7	4.0	53.9	21.7	-39.9	3.2
Private nonprofit services to households	6.3	6.0	-1.1	-1.1	4.6	3.3	4.3	3.1	4.0	2.9	2.8
GDP at factor costs	1.5	-3.0	-5.8	4.5	13.2	-3.3	14.4	-5.5	8.6	4.1	6.17
Indirect taxes less subsidies	8.7	-28.6	-13.0	20.8	29.8	38.0	-40.4	-5.7	-10.6	58.1	-17.5
GDP at market price	2.1	-5.0	-6.3	5.4	14.2	-0.3	8.9	-5.5	7.5	6.6	4.6
Memo item											
Agriculture	-8.8	-4.7	-12.2	16.2	9.8	-12.6	32.9	-20.2	-1.4	24.3	1.4
Industry	12.8	-5.8	0.8	-7.3	16.6	2.3	-1.2	0.2	19.1	-10.7	18.1
Services	6.9	-0.8	-3.5	0.8	14.6	1.5	8.0	3.9	11.4	-1.9	6.1

Source: based on Table A3.2

Table A3.3 cont'd.

	1993/94	1994/95	1996	1997	1998	1999	2000	2001	2002*
Agriculture, Forestry, Fishing & Hunting	-3.5	6.0	19.4	16.3	11.9	12.5	5.3	5.6	6.9
Mining & Quarrying	20.0	5.6	73.7	9.1	27.8	295.7	13.7	202.4	17.6
Manufacturing	-14.8	13.5	42.0	11.2	10.7	-15.0	5.3	8.6	9.1
Electricity & Water	-3.4	47.1	5.9	8.2	1.7	14.6	-42.3	4.6	5.4
Construction	7.0	6.4	-55.0	8.0	84.0	-25.2	4.5	6.8	3.2
Commerce, Hotels & Restaurants	4.4	6.1	-22.5	2.7	-2.7	5.7	8.3	3.8	2.8
Transport & communications	1.8	6.5	-8.1	-1.5	-1.8	-1.8	8.2	3.4	3.2
Finance, Insurance, real estate	14.0	2.2	21.0	2.2	9.7	5.3	8.2	3.4	3.2
Community, social & personal service	7.6	5.8	3.0	3.6	2.3	1.1	8.3	3.6	3.4
Nominal financial institutions	-22.9	5.9	7.7	45.0	16.0	-36.9	7.1	3.7	3.2
Government services	5.2	6.0	15.1	23.6	1.4	13.0	2.4	5.5	5.8
Private nonprofit services to households	2.7	5.3	-0.8	2.5	3.3	5.6	7.5	3.5	3.4
GDP at factor costs	2.0	6.82	5.2	9.1	8.0	7.3	5.1	8.1	6.0
Indirect taxes less subsidies	-17.2	-12.0	184.2	-15.2	-15.1	-28.2	6.0	6.1	7.6
GDP at market price	1.0	6.0	11.7	6.8	6.3	5.2	5.1	8.0	6.1
Memo item									
Agriculture	-3.5	6.0	19.4	16.3	11.9	12.5	5.3	5.6	7.0
Industry	-5.8	15.3	2.9	10.1	20.3	-7.2	-1.1	27.7	10.1
Services	7.6	5.2	-2.0	3.9	1.4	8.3	6.9	4.0	3.7

* Preliminary estimates

Source: Based on Table A3.2

* Based on preliminary estimates

Table A3.4: Gross Domestic Product by sector at 1981/82 constant prices (percent share of GDP at factor costs)

	1981/82	1982/83	198/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
Agriculture, Forestry, Fishing & Hunting	39.4	35.4	34.8	32.4	36.1	35.0	31.6	36.7	31.0	28.2
Mining & Quarrying	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
Manufacturing	7.0	7.5	7.7	8.6	7.7	8.2	8.9	7.8	7.3	6.9
Electricity & Water	1.2	1.3	1.6	1.9	1.8	1.5	1.7	1.6	1.6	1.6
Construction	5.8	6.7	5.8	5.8	4.8	5.1	5.0	4.1	5.4	7.2
Commerce, Hotels & Restaurants	13.8	14.4	12.6	14.2	12.9	14.9	14.3	12.3	11.3	13.3
Transport & communications	10.7	10.7	10.9	10.4	11.5	11.2	12.5	10.5	10.1	12.3
Finance, Insurance, real estate	12.0	12.2	12.6	13.3	12.6	13.5	14.8	16.7	17.3	13.1
Community, social & personal service	1.5	1.7	1.8	1.9	2.0	1.8	1.9	1.7	1.8	1.8
Nominal financial institutions	-1.7	-1.4	-1.6	-1.5	-1.4	-1.3	-1.5	-1.4	-1.2	-1.3
Government services	9.0	10.1	12.3	11.5	10.5	8.7	9.4	8.5	13.9	15.6
Private nonprofit services to households	1.2	1.3	1.4	1.5	1.4	1.3	1.4	1.2	1.4	1.3
GDP at factor costs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Indirect taxes less subsidies	8.1	8.7	6.4	5.9	6.8	7.8	11.1	5.9	5.8	4.8
GDP at Market prices	108.1	108.7	106.4	105.9	106.8	107.8	111.1	105.9	105.8	104.8
Memo items										
Agriculture	39.4	35.4	34.8	32.4	36.1	35.0	31.6	36.7	31.0	28.2
Industry	14.1	15.6	15.2	16.3	14.4	14.9	15.7	13.6	14.4	15.8
Services	46.5	49.0	50.0	51.3	49.5	50.2	52.7	49.7	54.6	56.1

Source: Based on Table A3.2

Table A3.4 cont'd.

	1991/92	1992/93	1993/94	1994/95	1996	1997	1998	1999	2000	2001	2002
Agriculture, Forestry, Fishing & Hunting	33.6	32.1	30.4	30.1	34.2	36.5	37.8	39.5	39.7	38.8	39.1
Mining & Quarrying	0.2	0.2	0.2	0.2	0.3	0.3	0.4	1.4	1.5	4.2	4.7
Manufacturing	7.5	8.0	6.7	7.1	9.5	9.7	10.0	7.9	7.9	8.0	8.2
Electricity & Water	1.8	2.0	1.9	2.6	2.6	2.6	2.4	2.6	1.4	1.4	1.4
Construction	4.0	4.9	5.2	5.1	2.2	2.2	3.7	2.6	2.6	2.5	2.5
Commerce, Hotels & Restaurants	18.3	18.0	18.5	18.3	13.5	12.7	11.5	11.3	11.6	11.2	10.8
Transport & communications	12.7	13.2	13.2	13.1	11.5	10.3	9.4	8.6	8.9	8.5	8.2
Finance, Insurance, real estate	11.5	12.7	14.2	13.6	15.6	14.7	14.9	14.6	15.0	14.4	14.0
Community, social & personal service	1.7	1.6	1.7	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.3
Nominal financial institutions	-2.1	-2.7	-2.0	-2.0	-2.1	-2.7	-2.9	-1.7	-1.8	-1.7	-1.6
Government services	9.0	8.7	9.0	8.9	9.8	11.1	10.4	10.9	10.7	10.4	10.4
Private nonprofit services	1.3	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0
GDP at factor costs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Indirect taxes less subsidies	7.2	5.6	4.6	3.6	10.2	7.9	6.2	4.0	4.2	4.1	4.2
GDP at Market prices	107.3	105.6	104.6	103.8	110.2	107.9	106.2	104.0	104.2	104.1	104.2
Memo items											
Agriculture	33.6	32.1	30.4	30.1	34.2	36.5	37.8	39.5	39.7	38.8	39.1
Industry	13.5	15.0	13.9	15.0	14.7	14.8	16.5	14.5	13.4	16.1	16.7
Services	52.9	52.8	55.7	54.9	51.1	48.7	45.7	46.0	46.9	45.1	44.1

Source: Based on Table A3.2

TableA3.5: Gross National Product by expenditures at current prices (million Sudanese Dinar)

	1981/82	1982/83	198/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
GDP at factor cost	651.3	885.8	1093.3	1433.8	1892.8	3476.3	4425.8	7840.3	10494.2	18603.7
Indirect taxes less subsidies	52.7	73.4	87.4	101.9	129.0	170.8	253.4	415.9	516.9	692.3
GDP at market prices	704.0	959.2	1180.7	1535.7	2021.8	3647.1	4679.1	8256.2	11011.1	19296.0
Resource gap	-102.5	-138.4	-89.3	-128.3	-154.8	-80.1	-186.1	-265.6	-138.8	-739.8
Export of GNFS	68.5	96.8	130.0	99.7	117.2	149.3	243.3	342.3	465.8	254.8
Imports of GNFS	170.9	235.2	219.3	228.0	272.0	229.4	429.4	607.8	604.6	994.6
Gross domestic expenditures										
Consumption	645.8	944.6	1107.4	1594.7	1936.3	3255.2	4149.0	7421.7	10123.3	17416.9
Private	569.9	856.6	992.6	1447.3	1755.5	3051.7	3791.5	6878.9	9345.0	16469.8
Government Consumption	75.9	88.0	114.8	147.4	180.8	203.5	357.5	542.8	778.3	947.1
Change in stocks	127.5	159.4	184.0	177.9	240.3	472.8	716.3	1100.0	1026.7	2588.8
Gross National Product	692.9	945.3	1150.2	1520.0	2006.1	3639.0	4669.1	8250.8	11106.1	19344.4
Gross Domestic Savings	58.2	14.6	73.4	-59.0	85.6	392.7	530.2	834.5	887.8	1849.1
Net factor income	-11.1	-14.0	-30.4	-15.8	-15.7	-9.1	-10.0	-5.4	-95.0	-78.3
Net current transfers	39.1	28.7	51.3	92.5	95.4	78.5	97.7	150.5	295.8	70.6
Gross National Savings	86.2	29.4	94.3	17.8	165.3	462.1	617.8	979.6	1278.6	1998.1

Source: Central Bureau of Statistics, Government of Sudan

Table A3.5 cont'd.

	1991/92	1992/93	1993/94	1994/95	1996	1997	1998	1999	2000	2001*
GDP at factor cost	41028.2	90724.2	182262.1	533875.7	1014940.8	1557902.9	2088541.1	2601137.8	2832109.6	3174850.5
Indirect taxes less subsidies	1153.6	4120.6	5866.8	19035.0	38888.3	61541.9	58347.9	85955.6	60186.7	65407.2
GDP at market prices	42181.8	94844.8	188128.9	552910.7	1053829.1	1619444.8	2146889.0	2687093.4	2892296.3	3240257.7
Resource gap	-1399.9	-7625.5	-20551.9	-27100.0	-82128.5	-202220.9	-350371.6	-162532.1	65016.3	29047.1
Export of GNFS	1583.2	4234.0	9018.9	25395.8	57739.6	81312.8	102953.4	199694.8	462517.2	435886.4
Imports of GNFS	2983.1	11859.5	29570.8	52495.8	139868.1	283533.7	453325.0	362226.9	397500.9	406839.3
Gross domestic expenditures										
Consumption	36276.4	83674.3	166036.9	490606.1	889458.5	1579158.0	1924692.0	2286600.0	2400605.9	--
Private	31888.2	78100.7	155782.5	465030.1	812407.1	1487899.9	1820566.5	2159400.0	2238637.3	--
Government Consumption	4388.2	5573.6	10254.4	25576.0	77051.4	91258.1	104125.5	127200.0	170645.5	--
Change in stocks	7305.3	18795.9	42643.9	88563.9	225737.8	300000.2	730833.0	52854.8	--	--
Gross National Product	43880.8	96974.9	187714.9	552674.5	103736.7	1678778.1	2305757.6	2371757.9	2588605.2	2916231.9
Gross Domestic Savings	5905.4	11170.5	22092.0	62304.6	143609.3	97779.3	222197.4	315274.7	--	--
Net factor income	1699.0	2130.0	-414.0	-236.2	668.8	18408.0	604.1	-25965.7	--	--
Net current transfers	51287.4	2280.0	4144.6	4151.0	4604.8	19920.2	71091.4	102639.3	--	--
Gross National Savings	58891.8	15580.6	25822.5	66219.4	148883.0	119540.3	293892.6	356592.4	--	--

* Preliminary estimates

Source: Central Bureau of Statistics, Government of Sudan

Table A3.6: Gross National Product by expenditures at current prices (percent of GDP at market prices)

	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
GDP at factor cost	92.5	92.3	92.6	93.4	93.6	95.3	94.6	95.0	95.3	96.6
Indirect taxes less subsidies	7.5	7.7	7.4	6.6	6.4	4.7	5.4	5.0	4.7	3.6
GDP at market prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.2
Resource gap	-14.5	-14.4	-7.6	-8.4	-7.7	-2.2	-4.0	-3.2	-1.3	-3.8
Export of GNFS	9.7	10.1	11.0	6.5	5.8	4.1	5.2	4.1	4.2	1.3
Imports of GNFS	24.3	24.5	18.6	14.8	13.5	6.3	9.2	7.4	5.5	5.2
Gross domestic expenditures										
Consumption	91.7	98.5	93.8	103.8	95.8	89.2	88.7	89.9	91.9	90.4
Private	81.0	89.3	84.1	94.2	86.8	83.7	81.0	83.3	84.9	85.5
Government consumption	10.8	9.2	9.7	9.6	8.9	5.6	7.6	6.6	7.1	4.9
Changes in stocks	18.1	16.6	15.6	11.6	11.9	13.0	15.3	13.3	9.3	13.4
Gross National Product	98.4	98.6	97.4	99.0	99.2	99.8	99.8	99.9	100.9	100.4
Gross Domestic Savings	8.3	1.5	6.2	-3.8	4.2	10.8	11.3	10.1	8.1	9.6
Net factor income	-1.6	-1.5	-2.6	-1.0	-0.8	-0.2	-0.2	-0.1	-0.9	-0.4
Net current transfers	-1.6	-1.5	4.3	6.0	4.7	2.2	2.1	1.8	2.7	0.4
Gross National Savings	5.6	3.0	8.0	1.2	8.2	12.7	13.2	11.9	11.6	10.4

Source: Based on Table A3.3

Table A3.6 cont'd.

	1991/92	1992/93	1993/94	1994/95	1996	1997	1998	1999	2000	2001*
GDP at factor cost	97.3	95.7	96.9	96.6	96.3	96.3	97.4	97.7	97.9	98.0
Indirect taxes less subsidies	2.7	4.3	3.1	3.4	3.7	3.7	2.6	2.3	2.1	2.0
GDP at market prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Resource gap	-6.3	-8.2	-5.9	-6.0	-7.9	-12.1	-15.2	-6.2	2.3	--
Export of GNFS	5.8	5.2	6.7	5.0	5.6	4.8	4.5	7.7	16.0	--
Imports of GNFS	12.1	13.4	12.6	11.0	13.5	16.9	19.7	13.9	13.7	--
Gross domestic expenditures										
Consumption	86.0	88.2	88.3	88.7	86.1	94.1	83.5	87.9	83.3	--
Private	75.6	82.3	82.8	84.1	78.6	88.7	79.0	83.0	77.4	--
Government consumption	10.4	5.9	5.5	4.6	7.5	5.4	4.5	4.9	5.9	--
Changes in stocks	17.3	19.8	22.7	16.2	21.9	17.9	31.7	16.9	--	--
Gross National Product	104.0	102.2	99.8	100.0	100.1	100.1	103.4	102.3	89.5	90.0
Gross Domestic Savings	14.0	11.8	11.7	11.3	13.9	5.8	9.6	9.9	--	--
Net factor income	4.0	2.2	-0.2	0.0	0.1	0.1	0.0	-0.1	--	--
Net current transfers	121.6	2.4	2.2	0.7	0.4	1.2	3.1	3.9	--	--
Gross National Savings	139.6	16.4	13.7	12.0	14.4	7.1	12.7	13.7	--	--

* Preliminary estimates

Source: Based on Table A3.3

**Table A3.7: GDP deflators by sector
(1981/82=100)**

	1981/82	1982/83	198/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92
Agriculture, Forestry, Fishing & Hunting	100.0	132.7	160.1	214.7	275.1	549.4	815.3	1142.2	1679.5	3468.6	5902.9
Mining & Quarrying	100.0	102.0	127.9	146.3	200.0	611.5	788.2	1193.8	1036.1	1640.5	2366.7
Manufacturing	100.0	124.8	167.4	225.0	273.9	299.3	466.3	776.3	1142.6	1487.5	3005.3
Electricity & Water	100.0	104.8	174.4	245.7	309.7	458.2	542.4	689.0	1296.1	1594.6	2831.1
Construction	100.0	134.2	172.5	236.6	330.4	431.4	583.0	780.1	1349.3	1707.5	5751.7
Commerce, Hotels & Restaurants	100.0	153.3	254.4	376.8	527.2	587.5	682.3	1580.9	2568.5	3715.1	6017.8
Transport & communications	100.0	131.2	155.8	195.1	166.2	512.9	639.4	1033.1	1156.0	1392.1	2543.0
Finance, Insurance, real estate	100.0	141.5	163.0	235.3	303.0	354.7	383.7	399.9	603.7	1556.6	4417.4
Community, social & personal service	100.0	124.3	156.3	207.1	257.3	323.2	344.2	735.3	1623.8	2802.3	6329.4
Nominal financial institutions	100.0	142.4	139.9	156.5	211.0	280.7	429.9	644.6	1007.5	989.9	5218.9
Government services	100.0	115.9	129.0	159.8	213.4	263.4	415.0	602.8	655.1	611.9	2202.5
Private nonprofit services to households	100.0	129.4	169.2	238.7	296.4	370.0	398.6	917.1	2112.3	3606.2	7277.7
Import duties	100.0	131.6	247.3	359.0	515.2	629.9	471.6	1551.3	2537.3	2405.8	3650.9
GDP at factor costs	100.0	133.5	173.0	240.1	299.8	473.7	609.6	987.4	1393.0	2267.1	4657.3
Memo items											
Agriculture	100.0	132.7	160.1	214.7	275.1	549.4	815.3	1142.2	1679.5	3468.6	5902.9
Industry	100.0	126.8	169.7	230.6	294.7	355.4	508.7	770.0	1228.9	1591.0	3649.1
Services	100.0	121.1	163.7	235.3	290.3	437.7	490.2	883.9	1225.9	1803.0	4014.0

Source: Central Bureau of Statistics, Government of Sudan

Table A3.7 cont'd.

	1992/93	1993/94	1994/95	1996	1997	1998	1999	2000	2001*
Agriculture, Forestry, Fishing & Hunting	12513.3	27713.5	60763.0	122869.4	183145.7	194548.7	219268.2	232275.0	226840.1
Mining & Quarrying	16721.5	30306.0	53776.8	134836.0	117800.5	125466.2	202642.5	217864.5	221264.7
Manufacturing	5785.3	12434.3	34848.2	75563.3	93905.6	111883.4	196928.9	205380.1	217083.5
Electricity & Water	6211.1	11255.9	16951.2	40327.8	35130.1	61586.0	164569.2	104650.9	110834.0
Construction	10083.5	23658.1	33524.0	94875.3	150635.5	377531.5	269046.7	290982.1	294806.5
Commerce, Hotels & Restaurants	16208.5	25413.8	40224.4	133322.7	180453.2	251610.4	296479.8	320122.1	345848.9
Transport & communications	4427.6	10498.4	149401.2	110929.7	145125.7	239637.4	116802.0	117996.9	190091.2
Finance, Insurance, real estate	6169.0	11618.4	16330.3	54883.2	131036.6	183863.7	236056.2	224424.8	230348.2
Community, social & personal service	11758.4	30068.1	53732.0	123789.3	213743.8	303155.4	236055.9	224424.8	230839.2
Nominal financial institutions	3497.7	7021.7	13804.9	28303.0	39950.0	59487.3	236056.0	224424.6	231103.9
Government services	4273.2	6119.3	10472.1	28686.3	40834.9	56551.8	58594.8	59893.4	60454.8
Private nonprofit services to households	15497.7	379832.6	68662.9	176313.5	266918.5	404056.5	236056.3	224424.8	229739.7
Import duties	9605.6	16363.5	49038.7	35370.9	96533.2	81934.5	236056.0	210505.7	221055.7
GDP at factor costs	10014.2	19665.8	54527.7	96188.8	146831.9	189616.9	201041.2	224425.0	230372.7
Memo items									
Agriculture	12513.3	27713.5	60763.0	122869.4	183145.7	194548.7	219268.2	232275.0	246053.3
Industry	7234.1	16299.1	32474.0	78120.2	103018.4	174862.0	228095.1	242834.8	258527.0
Services	8848.4	22997.6	55295.3	80444.1	125432.1	183416.7	177104.6	183356.8	189829.6

* Preliminary estimates

Source: Central Bureau of Statistics, Government of Sudan

**Table A3.8: Investment at current and constant prices
(million Sudanese Dinar)**

	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1996	1997	1998	1999	2000
Current prices														
Gross fixed capital formation	205.8	333.8	539.5	654.6	900.8	2263.2	4197.2	12754.6	30261.4	126648.8	204601.0	505161.6	310100.0	362600.0
Increase in stocks	34.5	139.0	176.7	445.4	126.0	325.7	3108.2	6041.4	12382.5	99089.0	95399.3	225671.5	113300.0	173200.0
Gross capital formation	240.3	472.8	716.3	1100.0	1026.7	2588.9	7305.3	18795.9	42643.9	225737.8	300000.3	730833.1	423400.0	535800.0
Share of GDP at market prices														
Gross fixed capital formation	10.2	9.2	11.5	7.9	8.2	11.7	10.0	13.4	16.1	12.3	12.2	21.9	11.9	12.5
Increase in stocks	1.7	3.8	3.8	5.4	1.1	1.7	7.4	6.4	6.6	9.6	5.7	9.8	4.4	6.0
Gross capital formation	11.9	13.0	15.3	13.3	9.3	13.4	17.4	19.8	22.7	21.9	17.9	31.7	16.3	18.5
Constant prices /I														
Gross fixed capital formation	68.6	70.0	88.5	66.3	64.7	99.8	90.1	127.4	153.9	131.7	139.3	266.4	154.2	172.1
Increase in stocks	11.5	29.3	29.0	45.1	9.0	14.4	66.7	60.3	63.0	103.0	65.0	119.0	156.4	82.2
Gross capital formation	80.1	99.3	117.5	111.4	73.7	114.2	156.8	187.7	216.9	234.7	204.3	385.4	310.6	254.3
Real growth (%)														
Gross fixed capital formation	--	2.0	26.4	-25.1	-2.4	54.3	-9.7	41.4	20.8	-14.4	5.8	91.2	-42.1	11.6
Gross capital formation	--	24.0	18.3	-5.2	-33.8	55.0	37.3	19.7	15.6	8.2	-13.0	88.6	-19.4	-18.1

I Deflated by GDP deflator (1981/82=100)

Source: Central Bureau of Statistics, Government of Sudan

Table A3.9: Fixed capital formation by economic activities (million Sudanese Dinar)

	1991/92	1992/93	1993/94	1996	1997	1998
Agriculture, Forestry, Fishing & Hunting	85.9	446.0	392.3	2663.8	3986.7	4469.2
Manufacturing & Mining	445.9	1312.9	2037.3	21484	37074.5	30077.7
Electricity	26.5	86.9	57.6	48.3	29.0	106.3
Water	26.2	66.5	112.6	22.2	57.2	202.1
Construction	54.6	875.3	2740.7	9528.5	13943.5	100049.6
Wholesale trade	142.7	1437.9	4600.9	4699.4	7901.1	11365.6
Air transport	--	106.5	115.8	7.2	20.3	94.0
Rail transport	19.5	11.7	73.0	7.5	27.8	1544.0
Water transport	4.4	3.0	12.9	1855.1	2650.0	83.7
Pipeline project	--	2.7	12.2	107.9	135.0	55.8
Communication	0.3	49.1	0.7	1.4	20.0	11135.3
Real estate	3248.2	8057.4	19557.7	85114.3	136744.8	343782.9
Producer of government services	142.9	298.6	547.5	1109.2	2011.0	2195.4
Gross fixed capital formation	4197.2	12754.5	30261.4	126648.8	204600.9	505161.6

Source: Central Bureau of Statistics, Government of Sudan

Table A3.10: Fixed capital formation by economic activities (percentage share of gross fixed capital formation)

	1991/92	1992/93	1993/94	1996	1997	1998
Agriculture, Forestry, Fishing & Hunting	2.05	3.50	1.30	2.10	1.95	0.88
Manufacturing & Mining	10.62	10.29	6.73	16.96	18.12	5.95
Electricity	0.63	0.68	0.19	0.04	0.01	0.02
Water	0.62	0.52	0.37	0.02	0.03	0.04
Construction	1.30	6.86	9.06	7.52	6.81	19.81
Wholesale trade	3.40	11.27	15.20	3.71	3.86	2.50
Air transport	0.00	0.83	0.38	0.01	0.01	0.02
Rail transport	0.47	0.09	0.24	0.01	0.01	0.31
Water transport	0.11	0.02	0.04	1.46	1.30	0.02
Pipeline project	0.00	0.02	0.04	0.09	0.07	0.01
Communication	0.01	0.38	0.00	0.00	0.01	2.20
Real estate	77.39	63.17	64.63	67.20	66.83	68.05
Producer of government services	3.40	2.34	1.81	0.88	0.98	0.43
Gross fixed capital formation	100.00	100.00	100.00	100.00	100.00	100.00

Source: Central Bureau of Statistics, Government of Sudan

Table A3.11: Fixed capital formation by type of capital goods at current prices (million Sudanese Dinar)

	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1996	1997	1998
Residential buildings	123	229	314	412	597	1612	3249	8077	196644	32084	87385	135254	341576
Non-residential buildings	26	28	40	57	56	264	330	1177	2868	3739	7753	12873	42841
Land improvement & plantation development	3	3	3	2	6	12	17	20	40	7	23	17	102
Transport equipment	18	48	117	80	153	154	359	1777	3906	8858	13086	19953	44580
Machinery equipment	36	26	66	103	89	212	244	1704	3804	7118	18402	36505	76064
Gross fixed capital formation	206	334	540	655	901	2254	4199	12755	30262	51875	126649	204602	505163
Livestock	4	17	41	66	94	132	275	1367	2958	11186	10080	12859	55127
Other stock of agriculture	63	34	133	239	131	313	3134	401	-2673	5738	16696	34818	19732
Stock in commerce	-10	64	91	18	192	350	639	2418	8317	14288	15520	19029	79395
Other stock: mainly manufacture	-21	24	178	123	-29	-470	-940	1855	3781	6318	56794	28693	71418
Total change in stocks	36	139	443	445	388	326	3108	6041	12382	37530	99090	95399	225672
Grand Total	242	473	983	1100	1289	2579	7307	18796	42645	89405	225739	300001	730833

Source: Central Bureau of Statistics, Government of Sudan

Table A3.12: Fixed capital formation by type of capital goods at current prices (percentage share of total fixed capital formation)

	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1996	1997	1998
Residential buildings	50.8	48.4	31.9	37.5	46.3	62.5	44.5	43.0	46.1	35.9	38.7	45.1	46.7
Non-residential buildings	10.7	5.9	4.1	5.2	4.3	10.2	4.5	6.3	6.7	4.2	3.4	4.3	5.9
Land improvement & plantation development	1.2	0.7	0.3	0.2	0.5	0.5	0.2	0.1	0.1	0.1	0.0	0.0	0.0
Transport equipment	7.4	10.1	11.9	7.3	11.9	6.0	4.9	9.5	9.2	9.9	5.8	6.7	6.1
Machinery equipment	14.9	5.5	6.7	9.4	6.9	8.2	3.3	9.1	8.9	7.9	8.2	12.2	10.4
Gross fixed capital formation	85.1	70.6	54.9	59.5	69.9	87.4	57.5	67.9	71.0	58.0	56.1	68.2	69.1
Livestock	1.7	3.6	4.2	6.0	7.3	5.1	3.8	7.3	6.9	12.5	4.5	4.3	7.5
Other stock of agriculture	26.0	7.2	13.5	21.7	10.2	12.1	42.9	2.1	-6.3	6.4	7.4	11.6	2.7
Stock in commerce	-4.1	13.5	9.3	1.6	14.9	13.6	8.7	12.9	19.5	16.0	6.9	6.3	10.9
Other stock: mainly manufacture	-8.7	5.1	18.1	11.2	-2.2	-18.2	-12.9	9.9	8.9	7.1	25.2	9.6	9.8
Total change in stocks	14.9	29.4	45.1	40.5	30.1	12.6	42.5	32.1	29.0	42.0	43.9	31.8	30.9
Grand Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Based on Table A3.7

Table A3.13: Incremental fixed capital/output ratio (million Sudanese Dinar)

Year	Fixed investment	GDP at factor cost	Capital-output ratio
1985/86	205.8	1892.8	0.13
1986/87	333.8	3504.1	0.10
1987/88	539.5	4425.8	0.12
1988/89	654.6	7840.3	0.08
1989/90	900.8	10541.3	0.09
1990/91	2263.2	18573.7	0.12
1991/92	4197.2	40528.2	0.10
1992/93	12754.6	90624.0	0.14
1993/94	30261.4	182262.1	0.17
1996	126648.8	994767.8	0.13
1997	204601.0	1615063.4	0.13
1998	505161.6	2245422.1	0.22
1999	389595.9	2540873.1	0.15
2000	362600.0	2832109.6	0.13

Source: Central Bureau of Statistics, Government of Sudan

APPENDIX 4. BALANCE OF PAYMENTS AND TRADE

Table A4.1: Balance of Payments
(million US\$)

	1982-85	1986-90	1991-95	1996-00	1997	1998	1999	2000	2001
Trade of Goods (net)	-188.5	-417.4	-538.2	-543.8	-827.7	-1136.5	-475.9	440.4	303.6
Exports	531.0	478.4	424.2	879.4	594.0	596.0	780.0	1806.7	1698.7
Imports	-1138.6	-912.4	-1000.4	-1595.3	-1421.9	-1732.2	-1256.0	-1366.3	-1395.1
Services, net	17.6	-51.1	-80.8	-256.6	-141.3	-188.2	-193.3	-620.2	-645.7
Income (net)	-151.5	-101.0	-51.5	-131.8	11.6	3.1	-104	-575	-554.1
Current transfers (net)	251.8	341.7	117.5	207.6	129.3	364.9	308.5	198	277.9
Current account balance (excluding interest arrears)	-70.7	-227.8	-552.9	-726.6	-828.1	-956.5	-464.8	-556.8	-618.3
Capital account net	0.1	0.0	NA	NA	NA	-54.2	-22.9	-119.3	-93.3
Foreign Direct Investment	NA	NA	NA	NA	97.9	370.7	370.8	392.2	574
Financial account (net)	-178.0	60.4	395.3	306.4	195.0	333.4	435.3	431.6	562.1
Net errors and omissions	7.7	-86.2	96.1	533.0	651.2	750.5	167.2	368.4	-0.5
Overall balance	-240.1	-253.7	-61.5	73.5	18.1	73.2	114.8	123.9	-150.9
Financing	-240.1	-253.7	-61.5	73.5	18.1	73.2	114.8	123.9	-150.9
Change in reserve assets (- increase)	-24.4	0.2	-10.3	-42.4	243.0	-16	-110.0	-108.0	127.6
Memo items:									
Current account balance as a % of GDP	-7.1	-2.6	-9.5	-6.5	-5.0	-7.4	-4.7	-3.6	-4.0

Source: IMF Balance of Payments Statistics Yearbooks

Table A4.2: Merchandise exports by volume

	Unit	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Sheep	No.	276374	346196	563489	682619	887494	841546	1187753	1230196	1705484	1997775	1237483
Goats	No.	10113	2671	124	7959	1465	6430	57175	18107	50594	68873	13338
Camels	No.	208	118	586	11679	14149	17675	27998	23995	92887	57967	29240
Dura	Ton	31000	--	97027	600988	95822	406911	17250	--	32740	279661	105318
Karkadeh	Ton	8251	1882	6055	11388	10862	32209	14548	20267	10636	20445	23530
Cotton cake	Ton	1350	--	--	7179	3500	45047	4628	1909	3495	145	--
Other oil cake	Ton	56846	7896	39927	54715	84835	9224	70039	85585	82647	67778	28871
Hides and skins	Ton	4822	5202	16308	2548	742	2084	10841	4543	3981	--	10425
Groundnuts	Ton	16426	1660	1965	14029	6700	15152	2177	15514	25353	407	10028
Sesame	Ton	48859	62874	76258	114558	135384	84802	157404	171830	167208	165477	212784
Melon seeds	Ton	30616	28080	36601	13829	27677	34210	88360	57968	31571	32454	39111
Cotton	Bale	129921	80082	65931	58563	119607	83768	94093	88395	77542	194548	232841
Gum Arabic	Ton	27976	24546	14483	15394	27507	25492	15551	22447	20542	25679	24204
Fruits	Ton	2099	6206	19489	6020	5229	5786	8934	7520	7837	6783	17119
Vegetables	Ton	1952	76	2320	8192	269	121	776	106	3736	1152	4991
Vegetable oils	Ton	30725	6750	5423	13370	26148	54927	14332	55047	44515	2330	8598
Molasses	Ton	139539	98943	174935	191632	209074	180382	190587	126860	145488	151347	176074
Crude petroleum	Million barrel	--	--	--	--	--	--	--	--	--	13849	49517
Petroleum products	Ton	--	--	--	--	--	--	--	--	--	--	409000

Source: Central Bureau of Statistics

Table A4.3: Merchandise exports by value (million Sudanese Dinar)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Sheep	30.8	83.4	313.7	727.0	1525.6	2410.8	5601.2	8699.6	13267.4	25875.0	15502.1
Goats	0.3	0.1	0.1	5.5	1.0	6.8	68.5	51.2	281.9	498.4	86.5
Camels	0.4	0.3	2.8	144.1	226.8	380.0	676.3	633.8	3268.0	2801.7	1362.9
Dura	3.0	--	84.2	654.0	198.5	1648.0	200.6	--	869.0	7118.1	2588.7
Karkadeh	6.3	4.3	141.7	273.0	266.5	1464.6	1354.0	2487.7	1812.8	4881.4	4604.7
Cotton cake	0.3	--	--	9.7	11.0	238.9	54.7	41.6	80.5	4.6	--
Other oil cake	6.0	1.4	38.5	97.1	175.5	40.3	600.0	1649.1	1662.5	1196.8	845.6
Hides and skins	9.0	15.3	135.7	38.3	22.0	128.3	1288.0	557.4	811.9	999.4	1758.5
Groundnuts	3.4	1.6	7.8	104.5	79.8	543.3	92.0	1393.3	2295.2	51.2	1387.8
Sesame	27.4	86.6	419.2	750.0	1489.3	3208.1	10347.1	15627.1	19618.0	32494.6	37611.5
Melon seeds	12.6	22.1	95.4	53.4	178.7	288.5	1648.5	2019.0	1601.7	3266.8	3271.7
Cotton	152.2	179.0	583.7	520.7	2589.1	7328.7	16392.2	15906.1	18660.5	11330.3	13532.9
Gum Arabic	46.1	58.4	188.8	380.6	1347.3	3439.3	2137.9	3710.2	3476.6	6747.1	5923.8
Fruits	0.7	4.1	55.9	33.3	42.0	69.7	238.8	307.5	430.6	578.6	618.1
Vegetables	2.0	0.1	5.9	23.8	3.2	1.5	18.1	3.1	126.0	30.2	266.9
Vegetable oils	28.5	20.1	55.4	200.7	490.1	3835.0	1049.3	5361.0	6882.3	429.6	1602.6
Molasses	9.1	7.9	46.4	116.2	260.0	523.1	1329.5	956.1	1136.6	1440.5	1595.6
Crude petroleum	--	--	--	--	--	--	--	--	--	70626.6	317618.4
Petroleum products	--	--	--	--	--	--	--	--	--	--	27661.6
Others	14.5	23.8	338.9	833.7	2234.0	9452.7	10810.8	17549.1	24411.5	29324.0	27362.4
Total	352.6	508.30	2514.2	4965.6	11146.4	35007.5	53906.9	76952.8	100692.8	199694.8	462517.3

Source: Central Bureau of Statistics

Table A4.4: Merchandise exports by value (percent of total)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Sheep	8.7	16.4	12.5	14.6	13.7	6.9	10.4	11.3	13.2	13.0	3.4
Goats	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.3	0.2	0.0
Camels	0.1	0.1	0.1	2.9	2.0	1.1	1.3	0.8	3.2	1.4	0.3
Dura	0.9	--	3.3	13.2	1.8	4.7	0.4	--	0.9	3.6	0.6
Karkadeh	1.8	0.8	5.6	5.5	2.4	4.2	2.5	3.2	1.8	2.4	1.0
Cotton cake	0.1	--	--	0.2	0.1	0.7	0.1	0.1	0.1	0.0	--
Other oil cake	1.7	0.3	1.5	2.0	1.6	0.1	1.1	2.1	1.7	0.6	0.2
Hides and skins	2.6	3.0	5.4	0.8	0.2	0.4	2.4	0.7	0.8	0.5	0.4
Groundnuts	1.0	0.3	0.3	2.1	0.7	1.6	0.2	1.8	2.3	0.0	0.3
Sesame	7.8	17.0	16.7	15.1	13.4	9.2	19.2	20.3	19.5	16.3	8.1
Melon seeds	3.6	4.4	3.8	1.1	1.6	0.8	3.1	2.6	1.6	1.6	0.7
Cotton	43.2	35.2	23.2	10.5	23.2	20.9	30.4	20.7	18.5	5.7	2.9
Gum Arabic	13.1	11.5	7.5	7.7	12.1	9.8	4.0	4.8	3.5	3.4	1.3
Fruits	0.2	0.8	2.2	0.7	0.4	0.2	0.4	0.4	0.4	0.3	0.1
Vegetables	0.6	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Vegetable oils	8.1	4.0	2.2	4.0	4.4	11.0	1.9	7.0	6.8	0.2	0.3
Molasses	2.6	1.6	1.8	2.3	2.3	1.5	2.5	1.2	1.1	0.7	0.3
Crude petroleum	--	--	--	--	--	--	--	--	--	35.4	68.7
Petroleum products	--	--	--	--	--	--	--	--	--	--	6.0
Others	4.1	4.7	13.5	16.8	20.1	27.0	20.1	22.8	24.2	14.7	5.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Central Bureau of Statistics

Table A4.5: Merchandise imports by value (million Sudanese Dinar)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Wheat & wheat flour	22.5	100.7	255.2	1026.5	3198.8	8188.2	9213.8	16055.7	25823.5	30792.6	53233.2
Dry milk	5.9	2.9	94.8	145.5	226.6	207.3	532.9	2207.6	2794.2	3302.1	3530.2
Lentils	0.9	0.8	113.3	257.8	325.2	357.2	454.9	659.7	1198.5	1371.7	2343.4
Rice	1.4	4.5	20.5	190.2	240.8	466.4	1006.7	1280.9	2760.9	1442.1	2574.8
Coffee	2.3	16.4	55.8	132.8	274.7	286.9	1165.2	1741.5	3052.3	3611.5	3566.3
Tea	7.9	37.1	187.3	433.8	449.6	519.9	2332.6	4609.3	6898.6	9597.1	7343.1
Tobacco	0.3	0.2	18.6	90.6	559.7	915.1	2190.0	2995.2	2887.2	3939.3	2942.0
Timber	2.4	12.8	63.2	315.2	286.3	630.0	1268.8	1826.9	2631.8	2734.9	3735.0
Organic & inorganic chemicals	3.9	17.1	123.8	329.8	528.9	1021.3	6287.5	11181.3	20239.7	11096.1	8986.9
Fertilizers	12.4	48.2	317.6	678.2	490.5	1476.7	4790.3	7100.5	1833.7	402.7	1891.8
Plastic materials	4.4	20.2	70.1	140.4	302.1	508.1	2221.8	3989.0	8441.5	4874.9	3346.4
Insecticides	15.3	18.2	122.7	174.1	430.7	835.9	1197.5	916.2	713.1	271.1	1136.9
Petroleum & Petroleum products	158.8	292.3	1937.4	2782.9	8264.5	10938.9	24438.3	41642.8	42344.7	4609.4	27635.5
Iron & steel	18.9	61.4	415.6	1211.3	2118.8	4880.2	7641.0	13188.1	53757.9	19130.7	16446.7
Jute & sacks	12.9	10.8	207.0	291.1	941.1	492.5	2025.2	7086.5	6107.4	2686.4	3010.3
Printed matter	2.3	5.4	32.2	42.4	118.9	115.6	143.0	278.9	227.5	578.5	661.0
Tractors	5.5	23.5	328.4	314.0	82.8	228.4	408.3	1833.7	1017.1	701.1	1036.3
Motor cars	20.0	43.8	294.3	380.3	855.1	2805.1	1982.0	4466.0	10669.1	7538.5	9532.9
Lorries & buses	21.1	27.9	1263.2	1225.1	1188.4	2793.2	4398.7	7674.9	17099.5	11389.7	9346.6
Tyres & tubes	3.7	46.2	123.6	187.6	506.4	467.8	1181.7	4049.0	8632.1	4163.7	511.4
Woven cotton fabrics	0.2	0.4	1.0	1.1	9.7	9.4	107.5	148.7	81.3	175.3	268.3
Woven synthetic fabrics	2.7	5.5	28.8	22.7	140.1	237.7	496.3	1731.7	1917.4	1803.1	5170.2
Textile yarn & thread	2.9	2.0	21.7	53.0	354.3	299.6	1048.1	1217.4	488.5	381.2	361.0
Made up articles of textiles	0.5	6.8	48.9	106.4	214.7	1112.0	1111.7	1841.7	4427.7	--	--
Agric. Machinery	8.4	14.7	160.4	114.4	156.8	272.5	1169.0	1218.8	1462.9	--	--
Textile & leather machinery	2.9	2.0	21.7	53.0	354.3	299.6	1048.1	1217.4	488.5	--	--
Machine for special industry	10.4	163589.0	280.4	560.8	728.7	996.4	4610.2	7979.9	18091.4	--	--
Non ferrous metals	1.4	4.2	36.9	57.9	105.0	223.3	358.8	1121.4	2721.3	--	--
Paper & paper board	4.3	28.2	198.9	306.7	534.8	1247.0	2928.7	5565.1	11882.9	5641.0	7574.3
Dyeing, tanning & pigment	0.7	2.0	18.9	44.1	99.5	310.5	1134.1	1544.2	1455.5	1389.4	976.6
Other chemical products	1.9	6.1	27.8	89.2	131.1	211.7	611.8	848.6	1447.9	--	--
Primary cells batteries	0.4	3.9	40.6	99.3	115.7	227.9	244.1	698.5	319.7	89.9	--
Animal, vegetable oils & fats	7.8	83.3	357.6	968.8	727.4	2851.5	3301.4	3995.5	8453.6	11498.6	5729.3
Railway locomotive parts	2.6	7.5	35.5	44.1	34.3	68.6	186.1	396.5	348.1	--	--
Others	139.2	388.3	2698.1	6441.2	12262.7	15577.6	39951.8	93746.4	140629.9	--	--
Total	506.2	1362.1	10007.8	19277.5	37030.5	61794.7	132804.7	257382.1	413421.2	362226.9	397500.9

Source: Central Bureau of Statistics

**Table A4.6: Merchandize imports by volume
(in thousand units)**

	Units	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Wheat & wheat flour	Ton	232.9	545.7	217.1	323.8	528.9	692.1	400.8	466.2	551.9	549.5	1023.4
Dry milk	Ton	5.2	1.2	4.9	4.9	4.0	1.0	2.1	6.2	5.7	5.1	5.8
Lentils	Ton	3.1	1.0	15.5	31.6	26.8	13.5	11.9	8.9	12.7	11.5	20.9
Rice	Ton	5.2	11.6	6.7	37.8	20.4	18.6	25.4	20.4	35.3	13.2	28.1
Coffee	Ton	3.3	7.8	4.5	5.2	7.6	3.4	6.3	6.3	8.1	7.9	7.8
Tea	Ton	9.9	18.1	48.9	17.5	11.2	10.5	21.3	21.4	21.2	21.4	17.6
Tobacco	Ton	0.1	0.0	0.5	1.1	2.7	3.7	3.9	4.4	3.6	2.4	1.8
Timber	Ton	8.8	25.1	19.5	37.3	24.5	28.1	28.7	26.2	30.8	31.8	39.6
Organic & inorganic chemicals	Ton	12.4	12.5	26.1	39.5	19.6	22.1	47.9	66.0	95.3	29.0	30.5
Fertilizers	Ton	116.3	196.5	226.1	234.2	101.7	8.5	189.4	199.3	54.3	8.6	40.6
Plastic materials	Ton	7.7	7.7	6.5	7.7	11.2	3.6	11.8	12.0	22.9	17.6	12.8
Insecticides	Ton	4.5	1.7	2.1	2.9	2.0	1.6	18.0	3.4	3.9	0.2	0.7
Petroleum & Petroleum products	Ton	1729.6	1651.4	1879.3	1117.6	1577.0	1332.5	1426.7	1319.5	1205.1	1384.1	450.8
Iron & steel	Ton	46.9	134.8	125.3	225.3	193.6	227.0	149.9	167.1	461.8	123.4	122.8
Jute & sacks	No	50427.5	19557.7	56099.7	57711.5	77872.8	29561.3	46609.1	53712.8	69929.2	19187.4	13215.8
Printed matter	Ton	0.8	4.0	1.4	1.1	2.3	2.5	0.9	1.5	0.9	1.0	2.4
Tractors	No	0.7	1.3	32.3	1.6	0.3	0.2	0.2	1.2	1.4	0.2	0.8
Motor cars	No	4.7	3.7	4.1	2.0	4.5	3.5	1.3	2.1	4.6	5.5	6.5
Lorries & buses	No	2.6	1.2	15.8	4.8	3.4	2.2	2.0	2.7	4.4	3.0	3.5
Tyres & tubes	No	140.3	652.3	789.4	795.5	548.0	343.7	1418.7	973.0	2170.4	587.3	871.3
Woven cotton fabrics	Ton	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.6	0.2	0.2	0.3
Woven synthetic fabrics	Ton	0.6	0.5	0.6	0.2	0.7	0.7	1.1	6.1	5.2	1.8	5.1
Textile yarn & thread	Ton	0.2	0.7	0.4	0.4	0.2	0.1	3.3	1.8	1.2	0.6	0.5
Made up articles of textiles	Ton	1.4	1.6	2.7	3.4	4.0	38.1	5.2	6.6	11.7	--	--
Agric Machinery	Ton	3.5	4.7	3.6	1.7	1.5	1.2	2.1	1.8	3.1	--	--
Textile & leather machinery	Ton	0.4	0.5	0.4	0.7	2.1	0.6	2.1	2.2	1.1	--	--
Machine for special industry	Ton	4.1	2.1	8.0	4.8	4.9	9.1	4.6	11.0	20.9	--	--
Non ferrous metals	Ton	1.7	1.3	2.2	1.9	1.8	4.4	1.4	4.0	8.1	--	--
Paper & paper board	Ton	9.4	22.9	88.8	39.4	30.8	29.6	27.2	35.3	60.4	24.7	18.9
Dyeing, tanning & pigment	Ton	0.9	0.8	1.8	1.8	4.0	1.5	8.8	7.9	8.7	5.5	7.4
Other chemical products	Ton	1.6	3.3	2.1	3.1	4.7	1.1	1.0	1.5	1.9	--	--
Primary cells batteries	Ton	0.6	1.8	4.6	4.2	2.6	2.2	1.6	2.4	0.6	--	--
Animal, vegetable oils & fats	Ton	25.0	101.8	71.2	173.4	52.5	105.5	73.3	50.1	72.8	83.7	48.7
Railway locomotive parts	Ton	2.0	0.7	0.3	0.5	0.5	0.6	0.9	1.4	1.1	--	--

Source: Central Bureau of Statistics

Table A4.7: Net and gross terms of trade

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Value (SDD Million)													
Exports	229.1	302.3	352.6	508.3	2514.2	4965.6	11146.4	35007.5	53906.9	76952.8	100692.8	199694.8	465202.3
Imports	491.7	526.1	506.2	1362.1	10007.8	19277.5	37030.5	61794.7	132804.7	257382.1	413421.2	362226.9	397500.9
Balance of trade	-262.6	-223.8	-153.6	-853.8	-7493.6	-14311.9	-25884.1	-26787.2	-78897.8	-180429.3	-312728.4	-162532.1	67701.4
Volume Index													
Exports	175.1	148.9	100.0	71.3	78.7	112.2	128.7	114.6	114.0	135.3	132.9	224.9	213.1
Imports	112.9	102.0	100.0	109.3	117.2	107.1	118.3	75.2	112.3	116.1	142.5	161.8	98.6
Gross terms of trade	64.5	68.5	100.0	153.3	148.9	95.5	91.9	65.6	98.5	85.8	107.2	72.0	46.3
Unit value index													
Exports	18.9	23.5	100.0	196.0	731.5	1085.3	1897.4	5347.6	8276.7	10923.0	10967.0	12788.1	29427.8
Imports	70.4	78.9	100.0	208.2	1095.2	2394.6	4791.5	9366.1	16863.2	29126.1	34899.4	31457.7	39790.3
Net terms of trade index	26.8	29.8	100.0	94.1	66.8	45.3	39.6	57.1	49.1	37.5	31.4	40.7	74.0

Source: Central Bureau of Statistics

**Table A4.8: Destination of exports
(percent of total)**

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Industrial countries	52.6	36.6	38.7	42.2	46.1	40.2	44.8	38.6	40.3	22.6	27.1
<i>Of which:</i>											
United States	4.3	1.3	1.8	3.4	4.7	2.1	1.5	0.4	0.0	0.1	0.2
France	6.3	6.5	3.6	5.5	3.0	1.4	3.2	2.7	1.2	0.6	5.3
Germany	5.5	5	4.6	2.7	3.9	3.1	6.9	5.4	2.1	1.5	1.7
Italy	7.0	9	4.7	7.6	8.0	7.7	9.4	9.9	7.1	3.0	2.0
Japan	11.1	5	6.5	4.5	6.2	4.0	3.7	2.8	15.7	11.9	15.1
United Kingdom	5.9	4.9	9.0	7.4	14.3	12.6	11.8	9.7	9.2	3.4	0.7
African countries	5.2	2.5	2.2	4.2	1.7	2.8	3.5	3.0	1.5	1.7	0.7
Asian countries	24.7	10.1	7.4	17.4	19.5	17.9	14.4	15.0	24.0	60.4	58.1
<i>Of which:</i>											
China	4.5	0.1	0.1	6.1	10.8	6.8	2.8	0.1	3.6	44.1	48.2
Thailand	--	6	0.2	4.6	3.9	7.6	3.3	2.9	1.0	0.5	0.4
South Korea	--	0.4	0.2	1.7	0.9	1.4	3.9	3.2	7.9	5.9	5.7
Taiwan	--	0.1	6.0	0.1	0.2	0.1	0.2	0.1	0.1	1.6	--
Middle East countries	15.6	49.4	40.0	35.1	32.5	37.3	33.8	40.7	32.2	12.9	13.2
<i>Of which:</i>											
Egypt	--	7.4	2.0	0.7	4.7	6.7	5.6	5.2	5.5	2.3	3.3
Saudi Arabia	--	19.3	25.2	23.2	19.5	18.9	18.7	24.4	18.1	5.1	5.5
United Arab Emirates	--	0.7	0.7	0.4	1.5	1.9	1.0	1.7	2.9	2.4	0.6
Libya	--	11.7	4.2	4.5	1.2	0.7	--	0.5	0.0	16.6	0
Other countries	7.1	1.4	11.7	1.1	0.2	1.8	3.5	2.7	2.0	2.4	0.9
Total	100.0	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Bank of Sudan, Foreign Trade Statistical Digest -several issues.

**Table A4.9: Source of imports
(percent of total)**

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Industrial countries	37.2	36	44.5	40.6	44.2	38.4	38.2	35.4	43.0	43.7	37.7
<i>Of which:</i>											
United States	1.4	7.9	3.4	3.5	5.0	4.6	4.3	2.3	1.5	2.1	1.1
France	2.3	1.9	3.9	3.7	5.9	5.5	5.0	6.7	8.6	4.0	3.3
Germany	7.0	4.1	2.7	3.7	6.4	4.7	4.4	3.8	5.4	5.2	6.4
Italy	7.6	3.7	6.7	3.1	2.9	2.9	3.2	3.0	6.3	8.7	2.6
United Kingdom	7.1	7.8	5.0	11.3	6.1	6.9	6.0	5.3	5.1	7.9	8.1
Japan	4.2	3.5	11.0	3.7	5.7	4.2	3.7	4.5	4.7	3.3	3.8
African Countries	2.6	0.2	4.4	4.5	4.4	6.7	5.7	4.4	4.8	3.9	4.5
<i>Of which:</i>											
Kenya	2.3	0.1	2.9	1.8	1.6	1.9	1.8	1.7	2.3	2.0	2.4
Asian countries	11.1	11.8	12.8	17.7	17.5	20.6	21.2	25.9	19.1	20.0	25.7
<i>Of which:</i>											
China	3.7	2.1	2.8	3.2	3.6	4.3	6.3	13.8	4.6	6.6	11.9
South Korea	0.9	0.7	1.4	1.6	6.9	1.6	1.8	1.6	1.7	1.7	2.1
India	1.9	1.4	2.0	2.0	2.1	3.8	2.8	3.3	4.5	5.0	5.3
Indonesia	--	1.1	2.7	2.0	1.0	1.1	1.2	1.4	2.2	1.5	1.4
Middle East Countries	44.3	43.4	30.0	28.9	24.9	22.6	25.4	28.0	24.8	23.3	25.9
<i>Of which:</i>											
Egypt	--	5.2	4.9	6.0	6.1	3.5	3.5	2.9	2.5	2.4	3.4
Saudi Arabia	--	21.3	15.4	16.0	10.3	11.3	13.1	15.5	11.8	10.0	12.4
United Arab Emirates	--	6.4	1.0	2.7	4.3	4.7	4.3	4.1	5.5	6.2	7.7
Other countries	4.8	9.3	8.3	8.3	9.0	11.7	9.5	6.3	8.2	9.1	6.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Bank of Sudan, Foreign Trade Statistical Digest—several issues.

**Table A4.10: External reserves
(million US\$)**

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total reserves minus gold	17.0	20.5	16.6	17.2	12.2	58.5	11.7	12.1	15.9	11.4
SDRs	0.6	--	--	--	--	--	--	--	--	--
Reserve in IMF	--	--	--	--	--	--	--	--	--	--
Foreign exchange	16.4	20.5	16.5	17.2	12.2	58.5	11.7	12.1	15.9	11.4
Monetary authorities										
Other liabilities	898.3	873.9	1520.2	1614.7	1180.0	1308.7	1016.3	1703.6	1809.5	2400.6
Deposit Money Banks										
Assets	309.5	289.2	409.4	512.7	618.1	493.9	354.5	500.2	539.8	616.9
Liabilities	146.8	122.0	117.2	136.7	215.5	165.9	137.5	136.2	134.4	154.6

Source: Bank of Sudan

Table 4.10 (cont'd)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Total reserves minus gold	7.6	27.5	37.4	78.1	163.4	106.8	81.6	90.6	188.7	247.3
SDRs	--	--	--	--	--	--	--	--	--	--
Reserve in IMF	--	--	--	--	--	--	--	--	--	--
Foreign exchange	7.6	27.5	37.4	78.1	163.4	106.8	81.6	90.6	188.7	247.3
Monetary authorities										
Other liabilities	1340.4	2165.8	2288	2471.8	3407.1	2549.9	2464.4	2538.9	2618.8	2640.2
Deposit Money Banks										
Assets	599.5	322	447.7	270.1	320.5	206.9	258.4	268.8	266.1	286.2
Liabilities	106.6	70.1	38.8	37.8	53.5	29.7	25.6	19.9	13.4	14.8

Source: Bank of Sudan

APPENDIX 5. DEBT

**Table A5.1: External debt
(million US\$)**

	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990
Total debt stocks	385	5163	7600	8612	9127	9870	11563	11934	13844	14762
Long term debt	294	4147	6082	6435	6846	7366	8415	8376	8965	9651
Public & publicly guaranteed	--	3822	5838	6191	6602	7122	8043	8002	8469	9155
Private nonguaranteed	--	325	244	244	244	244	372	374	496	496
Use of IMF credit	31	431	698	664	739	823	954	905	884	956
Short term debt	61	599	821	1513	1543	1681	2193	2680	4045	4155
of which interest arrears on LT debt	--	63	381	615	899	1229	1788	2253	3595	3705
Disbursements	47	921	674	328	101	210	201	382	236	185
Long term debt	47	711	477	281	101	210	201	382	236	185
IMF purchases	0	210	196	47	0	0	0	0	0	0
Principal repayments	29	131	84	76	21	151	42	58	45	16
Long term debt	21	53	40	41	16	151	42	58	45	15
IMF repurchases	8	78	44	35	5	0	0	0	0	1
Net flows on debt	79	839	589	252	-174	-133	113	346	214	169
Of which Long term debt										
IMF										
Of which short-term debt	--	50	--	--	-254	-192	-47	22	23	0
Interest payments	13	133	142	96	128	96	55	121	50	34
Long term Debt	12	49	38	23	73	47	21	20	11	9
IMF charges	0	14	45	25	35	22	14	0	14	0
Short term debt	1	70	59	47	20	27	20	100	25	25
Net transfers on debt	66	707	447	156	-302	-229	58	225	164	135
Long term debt										
IMF										
Short term debt (interest only)										
Memo items:										
Total debt service paid	--	264	226	172	149	247	97	179	96	50
Long term debt	33	102	78	64	89	198	63	78	57	23
IMF repurchase & charges	--	92	89	61	40	22	14	0	14	1
Short term debt	1	70	59	47	20	27	20	100	25	25

Source: World Debt Tables

Table A5.1: cont'd.

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total external liabilities										20521	20798
Total debt stocks	15834	16085	15837	16918	17603	16972	16326	16843	16132	15741	15348
Long term debt	9716	9480	9490	9896	10275	9865	9494	9722	9348	9143	8985
Public & publicly guaranteed -		8984	8994	9400	9779	9369	8998	9226	8852	8647	8489
Private nonguaranteed	--	496	496	496	496	496	496	496	496	496	496
Use of IMF credit	961	924	923	980	960	893	797	772	715	625	551
Short term debt	5157	5682	5424	6042	6368	6214	6035	6349	6069	5974	5811
of which interest arrears on LT debt	--	5054	4796	5414	5737	5683	5624	5893	5761	5703	5670
Disbursements	128	108	101	12	51	17	5	0	0	0	0
Long term debt	128	108	101	12	51	17	5	0	0	0	0
IMF purchases											
Principal repayments	12	14	9	3	54	36	42	59	44	59	54
Long term debt	12	14	9	3	15	0	0	1	6	4	2
IMF repurchases	0	0	0	0	39	36	42	57	38	54	52
Net flows on debt	116	272	91	9	0	-119	-157	-13	-191	-97	-183
Of which Long term debt											
IMF	0	0	0	0	-39	-36	-42	-57	-38	-54	-52
Of which short-term debt	--	178	0	0	3	-100	-120	45	-147	-39	-129
Interest payments	10	13	11	1	15	12	15	3	13	2	2
Long term Debt	10	11	8	0	2	0	0	2	7	2	1
IMF charges	0	2	3	0	13	12	15	1	7	0	1
Short term debt	0	0	0	0	0	0	0	0	0	0	0
Net transfers on debt	556	259	80	9	-15	-131	-173	-16	-204	-100	-185
Long term debt	106	83	83	9	34	17	4	-3	-12	-7	-3
IMF	0	-2	-3	0	-52	-48	-57	-58	-44	-54	-53
Short term debt (interest only)											
Memo items:											
Total debt service paid	--	27	20	3	69	48	58	61	57	61	56
Long term debt	22	25	17	3	17	0	0	3	12	7	3
IMF repurchase & charges	--	2	3	0	52	48	57	58	44	54	53
Short term debt	0	0	0	0	0	0	0	0	0	0	0

Source: World Debt Tables

**Table A5.2: Long term debt, disbursements and un-disbursed debt
(million US\$)**

	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990
Debt outstanding & disbursed (DOD)	--	4147	6082	6435	6846	7366	8415	8377	8965	9651
Multilateral	104	634	814	883	961	1073	1235	1374	1480	1723
IDA	12	190	394	471	517	597	688	796	871	1028
IBRD	91	46	45	41	43	46	49	37	28	19
Bilateral	157	2659	4163	4314	4547	4721	5131	5198	5597	5777
Private creditors	38	529	861	994	1093	1327	1677	1430	1392	1655
Bonds	1	0	0	0	0	0	0	0	0	0
Commercial banks	27	298	850	985	1084	1323	1673	1426	1388	1651
Suppliers	9	231	11	9	9	4	4	4	4	4
Private nonguaranteed	0	325	244	244	244	244	372	374	496	496
Bonds	0	0	0	0	0	0	0	0	0	0
Commercial banks	0	325	244	244	244	244	372	374	496	496
Disbursements	53	711	477	281	101	210	201	382	237	185
Multilateral	15	189	142	112	42	147	101	202	150	185
IDA	0	37	56	82	38	67	62	123	85	121
IBRD	15	1	2	0	0	0	0	0	0	0
Bilateral	35	377	335	169	59	63	100	181	87	0
Private creditors	2	145	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0
Commercial banks	0	108	0	0	0	0	0	0	0	0
Private nonguaranteed	0	0	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0
Commercial banks	0	0	0	0	0	0	0	0	0	0
Undisbursed debt	124	1310	782	751	864	1055	1428	1440	1383	1284
Public & publicly guaranteed	--	1310	782	751	864	1055	1428	1440	1383	1284
Official creditors	119	1167	782	751	864	1055	1428	1440	1383	1284
Private creditors	5	143	0	0	0	0	0	0	0	0

Source: World Debt Tables.

Table A5.2cont'd.

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Debt outstanding & disbursed (DOD)	9716	9480	9490	9896	10275	9865	9494	9722	9348	9143	8985
Multilateral	1855	1889	1959	2064	2133	2084	2001	2051	2011	1946	1900
IDA	1105	1133	1205	1251	1272	1244	1198	1226	1208	1167	1137
IBRD	15	9	6	6	6	6	6	6	3	1	0
Bilateral	5782	5618	5582	5701	5787	5692	5521	5615	5494	5383	5304
Private creditors	1583	1476	1453	1635	1859	1594	1477	1559	1347	1317	1286
Bonds	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	1579	1472	1449	1631	1855	1590	1473	1555	1343	1313	1282
Suppliers	4	4	4	4	4	4	4	4	4	4	4
Private nonguaranteed	496	496	496	496	496	496	496	496	496	496	496
Bonds	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	496	496	496	496	496	496	496	496	496	496	496
Disbursements	128	108	101	12	51	17	5	0	0	0	0
Multilateral	128	108	101	12	51	17	5	0	0	0	0
IDA	76	61	74	8	0	0	0	0	0	0	0
IBRD	-46	0	0	0	0	0	0	0	0	0	0
Bilateral	0	0	0	0	0	0	0	0	0	0	0
Private creditors	0	0	0	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	0	0	0	0	0	0	0	0	0	0	0
Private nonguaranteed	0	0	0	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	0	0	0	0	0	0	0	0	0	0	0
Undisbursed debt	1028	908	801	678	634	583	561	540	23	22	1
Public & publicly guaranteed --	1028	908	801	678	634	583	561	540	23	22	1
Official creditors	1028	908	801	678	634	583	561	540	23	22	1
Private creditors	0	0	0	0	0	0	0	0	0	0	0

Source: World Debt Tables.

**Table A5.3: External public debt service payments by creditor
(million US\$)**

	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Principal repayments	21	53	40	41	16	151	42	58	45	14	12	14	9	3	15	0	0	1	6	4	2
Multilateral	4	15	29	24	8	79	24	24	28	14	12	14	9	3	15	0	0	1	6	4	2
IDA	0	0	2	1	2	2	2	3	3	4	6	6	4	0	0	0	0	0	0	2	1
IBRD	4	4	5	4	5	4	6	8	8	10	5	5	3	0	0	0	0	0	3	2	0
Bilateral	12	32	10	16	8	67	18	34	18	0	0	0	0	0	0	0	0	0	0	0	0
Private creditors	5	7	2	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bonds	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suppliers	--	--	--	--	--	--	--	--	--	--	0	0	0	0	0	0	0	0	0	0	0
Other private	1	3	2	--	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private nonguaranteed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest payments	12	49	38	23	73	47	21	20	11	9	10	11	8	0	2	0	0	2	7	2	1
Public & publicly guaranteed	12	49	38	23	73	47	21	20	11	9	10	11	8	0	2	0	0	2	7	2	1
Official creditors	10	44	7	23	32	45	21	20	11	9	10	11	8	0	2	0	0	2	7	2	1
Multilateral	5	8	6	11	8	24	10	15	10	9	10	11	8	0	2	0	0	2	7	2	1
IDA	0	1	3	3	4	4	6	7	6	6	8	8	6	6	0	0	0	0	0	2	1
IBRD	5	4	3	3	2	3	3	3	2	2	1	1	0	0	0	0	0	0	1	1	0
Bilateral	5	35	2	12	24	21	11	5	1	0	0	0	0	0	0	0	0	0	0	0	1
Private creditors	2	5	30	0	41	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	2	2	30	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other private	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private nonguaranteed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Commercial banks	2	2	30	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: World Debt Tables

Table A5.4: Average terms of new commitments on debt

	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All creditors																					
Interest rate (%)	1.8	5.7	2.7	2	3	2	2	2	1	1	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Maturity (Years)	17.2	17.9	29.2	37	37	31	19	34	38	49	35	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grace period (years)	8.7	4.6	9	9	9	7	5	8	10	10	9	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grant element (%)	54.6	30.2	53.1	64	61	62	43	63	76	83	77	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official creditors																					
Interest rate (%)	1.5	3.7	2.7	2	3	2	2	2	1	0.8	0	8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Maturity (Years)	17.7	22.7	29.2	37	37	31	19	34	38	49	35	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grace period (years)	9.1	5.9	9	9	9	7	5	8	10	10	9	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Grant element (%)	57.1	40.8	53.1	64	61	62	43	63	76	830	77	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
Commitments	97	905	--	--	--	--	468	483	216	35	7	39	NA	NA	NA	NA	NA	NA	NA	NA	NA
Official creditors	91	687	--	--	--	--	468	483	216	35	61	39	NA	NA	NA	NA	NA	NA	NA	NA	NA
Private creditors	6	218	--	--	--	--	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA	NA	NA	NA

Source: World Debt Tables

**Table A5.5: Net flows and transfers on debt and debt service
(million US\$)**

	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990
Net flows	26	658	437	241	85	59	160	324	191	171
Public & publicly guaranteed	--	658	437	241	85	59	160	324	191	171
Official creditors	29	520	439	241	85	64	160	324	191	171
Multilateral	11	174	113	88	33	68	77	177	122	171
IDA	0	37	54	81	36	65	60	120	81	117
IBRD	11	-3	-2	-4	-5	-4	-6	-8	-8	-10
Bilateral	19	346	325	153	51	-5	83	147	69	0
Private creditors	-3	138	-2	-1	0	-5	0	0	0	0
Commercial banks	-3	104	0	0	0	0	0	0	0	0
Other private	1	33	-2	0	0	-5	0	0	0	0
Net transfers	14	609	399	217	12	12	139	304	180	162
Public & publicly guaranteed	--	609	399	217	12	12	139	304	180	162
Official creditors	20	476	431	218	53	18	139	304	180	162
Multilateral	6	166	108	77	26	44	139	304	180	162
IDA	0	35	51	78	32	60	8	9	9	10
IBRD	6	-7	-5	-7	-7	-7	8	11	10	11
Bilateral	14	310	323	141	27	-26	29	39	19	0
Private creditors	-5	133	-32	-1	-41	-7	0	0	0	0
Commercial banks	-5	102	-30	-1	-41	0	0	0	0	0
Other private	1	31	-2	0	0	-7	0	0	0	0
Debt service	33	102	78	64	89	198	63	78	57	23
Public & publicly guaranteed	--	102	78	64	89	198	63	78	57	23
Official creditors	26	90	46	63	48	192	63	78	57	23
Multilateral	9	23	34	35	16	103	34	39	38	23
IDA	0	1	5	4	6	7	8	9	9	10
IBRD	9	8	7	7	7	7	8	11	10	11
Bilateral	17	67	11	28	32	89	29	39	19	0
Private creditors	7	12	32	1	41	7	0	0	0	0
Commercial banks	5	6	30	1	41	0	0	0	0	0
Other private	1	6	2	0	0	7	0	0	0	0

Source: World Debt Tables

Table A5.5 cont'd.

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Net flows	116	94	91	9	36	17	5	-1	-6	-4	-2
Public & publicly guaranteed	--	94	91	9	36	17	5	-1	-6	-4	-2
Official creditors	116	94	91	9	36	17	5	-1	-6	-4	-2
Multilateral	116	94	91	9	36	17	5	-1	-6	-4	-2
IDA	71	55	70	8	0	0	0	0	0	-2	-1
IBRD	-5	-5	-3	0	0	0	0	0	-3	-2	0
Bilateral	0	0	0	0	0	0	0	0	0	0	0
Private creditors	0	0	0	0	0	0	0	0	0	0	0
Other private	0	0	0	0	0	0	0	0	0	0	0
Private nonguaranteed	--	0	0	0	0	0	0	0	0	0	0
Net transfers	106	83	83	9	34	17	4	-3	-12	-7	-3
Public & publicly guaranteed	--	83	83	9	34	17	4	-3	-12	-7	-3
Official creditors	106	83	83	9	34	17	4	-3	-12	-7	-3
Multilateral	106	83	83	9	34	17	4	-3	-12	-7	-3
IDA	62	47	64	8	0	0	0	0	0	-4	-2
IBRD	-6	-6	-4	0	0	0	0	0	-4	-3	-1
Bilateral	0	0	0	0	0	0	0	0	0	0	0
Private creditors	0	0	0	0	0	0	0	0	0	0	0
Other private	0	0	0	0	0	0	0	0	0	0	0
Private nonguaranteed	--	0	0	0	0	0	0	0	0	0	0
Debt service	22	25	17	3	17	0	0	3	12	7	3
Public & publicly guaranteed	--	25	17	3	17	0	0	3	12	7	3
Official creditors	22	25	17	3	17	0	0	3	12	7	3
Multilateral	22	25	17	3	17	0	0	3	12	7	3
IDA	14	14	10	0	0	0	0	0	0	4	2
IBRD	6	6	4	0	0	0	0	0	4	3	1
Bilateral	0	0	0	0	0	0	0	0	0	0	0
Private creditors	0	0	0	0	0	0	0	0	0	0	0
Other private	0	0	0	0	0	0	0	0	0	0	0
Private nonguaranteed	--	0	0	0	0	0	0	0	0	0	0

Source: World Debt Tables

**Table A5.6: Foreign currency obligations as of December 31, 2001
(million US\$)**

	Principal amounts drawn down and outstanding	Contractual interest	Delay interest	Total obligations
Multilateral	2907	908	362	4177
Of which				
Overdue	1080	908	362	2350
Non-Paris club bilateral	3393	1093	2493	6979
Of which				
Overdue	2786	1093	2493	6372
Paris club bilateral	2277	1371	2427	6075
Of which				
Overdue	1850	1371	2427	5648
Foreign commercial banks	1524	1083	--	2607
Of which				
Overdue	1522	1083	--	2605
Foreign suppliers	683	--	--	683
Of which				
Overdue	683	--	--	683
Total	10784	4455	5282	20521
Of which				
Overdue	7921	4455	5282	17658

Source: External debt management unit, Bank of Sudan, Khartoum, September 2001

**Table A5.7: Debt obligations falling due between 2001 and 2005
(million US\$)**

	2001			2002			2003			2004			2005		
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
Multilateral	52	27	79	54	26	79	55	25	79	55	25	80	66	24	89
Non-Paris club bilateral	23	4	27	67	16	83	66	14	80	69	11	80	92	9	101
Paris club bilateral	29	18	47	28	17	45	28	16	44	45	27	72	45	25	70
Foreign commercial banks	3	0	3	--	--	--	--	--	--	--	--	--	--	--	--
Total	107	49	156	149	59	207	149	55	203	169	63	232	203	58	260

Source: External debt management unit, Bank of Sudan, Khartoum, September 2001

**Table A5.8: Obligations to IMF
(million US\$)**

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Use of fund credit	980	980	980	980	980	942	838	832	753	679	603
Purchases	980	980	980	980	942	906	797	773	714	625	552
Debt service obligations	1667	1670	1675	1679	1697	1721	1571	1614	1552	1451	1372
Repurchases	--	0	--	--	38	36	40	59	38	53	52
Charges	687	690	695	699	755	815	773	841	838	826	821
Net use of fund credit	980	980	980	980	942	906	797	773	714	625	552

Source: External debt management unit, Bank of Sudan, Khartoum, September 2001

APPENDIX 6. GOVERNMENT FINANCE

**Table A6.1: Federal government budget
(1981/82-2002)**

	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92
	Billion Sudanese Dinar										
Total revenue	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.6	0.8	1.5	3.4
Tax revenue	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.5	0.7	1.0	2.3
Non-tax revenue	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.6	1.1
Total expenditures (excluding interest arrears)	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.6	2.3	3.5	11.8
Current expenditures	0.1	0.1	0.2	0.3	0.4	0.5	0.8	1.4	1.6	2.4	8.9
Wages and salaries	--	--	--	--	--	--	0.0	0.1	0.1	0.1	0.2
Other	--	--	--	--	--	--	0.8	1.3	1.5	2.3	8.8
Capital expenditures	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.2	0.1	0.2	0.4
Government savings	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.4	-0.8	-0.7	-0.9	-5.5
	Percent of GDP										
Total revenue	12.7	13.3	12.5	9.7	8.7	9.2	10.0	8.6	8.1	8.1	8.4
Tax revenue	10.6	11.3	10.6	8.4	7.8	5.9	7.4	6.7	6.5	5.0	5.6
Non-tax revenue	2.1	2.0	1.9	1.3	0.9	3.2	2.6	1.9	1.6	3.1	2.8
Total expenditures (excluding interest arrears)	21.2	19.1	21.3	24.7	20.4	20.6	23.8	22.1	22.3	18.3	29.3
Current expenditures	16.3	14.5	16.7	21.3	18.5	16.4	19.8	19.5	15.2	12.6	22.0
Wages and salaries	--	--	--	--	--	--	1.0	1.5	0.8	0.5	0.4
Other	--	--	--	--	--	--	18.8	17.9	--	12.1	21.6
Capital expenditures	4.9	4.6	4.6	3.4	1.9	4.0	4.0	2.6	1.2	0.8	0.9
Government savings	-3.6	-1.2	-4.2	-11.7	-9.8	-7.3	-9.8	-10.9	-7.1	-4.5	-13.6

Source: Ministry of Finance and Economy

Sudanese pounds have been converted to Sudanese dinars.

Table A6. 1 cont'd.

	1992/93	1993/94	1994/95	1995	1996	1997	1998	1999	2000	2001	2002*
	Billion Sudanese Dinar										
Total revenue	7.8	13.2	28.5	36.5	63.0	107.3	156.8	205.5	326.3	367.0	484.3
Tax revenue	5.7	10.7	21.2	28.9	53.3	90.9	126.4	153.3	157.4	187.9	243.5
Non-tax revenue	2.2	2.5	7.3	7.7	9.7	16.4	30.4	52.2	169.0	179.1	240.8
Total expenditures (excluding interest arrears)	13.5	18.0	33.8	44.3	78.3	119.1	170.9	227.2	349.8	411.0	595.6
Current expenditures	9.2	15.1	27.8	37.6	72.7	109.8	155.3	195.0	275.3	332.3	461.0
Wages and salaries	1.4	3.3	4.9	6.0	22.0	37.5	57.3	80.4	96.6	125.1	157.9
Other	7.8	11.8	22.9	31.6	50.7	72.3	98.0	114.6	178.7	207.2	303.1
Capital expenditures	4.3	2.9	6.0	6.7	5.6	9.3	15.6	32.2	74.5	78.7	134.6
Government savings	-1.4	-1.9	0.7	-1.1	-9.7	-2.5	1.5	10.5	51.0	34.7	23.3
	Percent of GDP										
Total revenue	9.4	7.0	5.2	8.7	6.0	6.4	7.8	8.4	11.4	11.3	13.4
Tax revenue	6.8	5.7	3.8	6.9	5.6	5.4	6.3	6.3	5.5	5.8	6.7
Non-tax revenue	2.6	1.3	1.3	1.8	0.9	1.0	1.5	2.1	5.9	5.5	6.7
Total expenditures (excluding interest arrears)	15.4	9.6	6.1	10.6	7.4	7.1	8.5	9.3	12.2	12.7	16.5
Current expenditures	9.7	8.0	5.0	9.0	6.9	6.5	7.7	8.0	9.6	10.2	12.8
Wages and salaries	1.5	1.8	0.9	1.4	2.1	2.2	2.9	3.3	3.4	3.9	4.4
Other	8.2	6.3	4.1	7.6	4.8	4.3	4.9	4.7	6.2	6.4	8.4
Capital expenditures	4.5	1.5	1.1	1.6	0.5	0.6	0.8	1.3	2.6	2.4	3.7
Government savings	-1.7	-1.0	0.1	-0.3	-0.9	-0.1	0.1	0.4	1.8	1.1	0.6

Source: Ministry of Finance and Economy

Sudanese pounds have been converted to Sudanese dinars.

*Estimate

**Table A6.2: Federal government revenue
(million Sudanese Dinar)**

	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
Total revenue	89.5	127.2	147.4	148.5	201.1	274.2	401.6	630.6	830.0	1540.0
Tax revenue	74.5	108.1	124.6	128.5	180.5	177.7	297.9	491.3	670.0	960.0
Indirect taxes	59.8	87.1	98.1	97.7	141.8	130.5	233.5	400.9	520.0	700.0
Sales tax**	0.4	0.7	0.7	--	--	--	--	--	100.0	100.0
Import duties	34.9	53.7	55.0	74.4	110.3	94.6	166.1	232.2	270.0	280.0
Excise duties	8.1	8.9	11.2	5.3	28.1	27.7	41.4	116.3	180.0	190.0
Export duties & royalties	3.1	2.2	2.4	1.9	3.4	8.1	7.6	9.1	10.0	10.0
Consumption tax*	6.5	12.1	14.6	14.8	--	--	18.4	41.3	40.0	70.0
Direct taxes	14.4	20.3	25.9	30.1	35.1	48.0	61.5	88.2	140.0	240.0
Personal Income taxes	5.1	5.6	4.8	2.6	2.6	8.8	10.0	11.1	30.0	30.0
Corporate income tax	7.8	12.2	17.8	22.8	28.2	28.1	34.4	56.0	100.0	170.0
Sudanese working abroad	0.8	1.4	2.1	4.0	5.1	4.5	8.3	8.1	10.0	10.0
Other tax	0.6	1.0	1.1	0.7	1.2	8.4	8.8	15.0	--	20.0
Development tax	2.7	3.6	4.7	--	--	--	--	--	0.0	0.0
Other taxes	0.4	0.6	0.7	2.8	3.6	1.2	2.9	4.2	10.0	20.0
VAT**	--	--	--	--	--	--	--	--	--	--
Non tax revenue	14.9	19.1	22.7	20.0	20.4	98.6	105.7	138.3	160.0	580.0
Proceeds from Govt. enterprises, interest, rent & dividend	3.3	4.7	8.8	3.3	2.0	15.5	17.4	17.1	10.0	30.0
Fees & charges on public services	7.6	10.2	10.7	9.5	12.3	17.1	24.0	31.1	60.0	130.0
Commodity price differentials	--	--	--	--	--	49.6	42.8	49.5	10.0	250.0
Proceeds from sales of public enterprises & land	0.07	1.0	0.3	0.5	1.0	1.0	--	2.1	--	--
Pension contribution	2.4	3.1	4.3	3.9	2.8	10.5	17.8	29.0	40.0	50.0
Oil revenue	--	--	--	--	--	--	--	--	--	--
Loan repayments	--	--	--	--	--	0.6	0.6	2.8	--	--
Others	1.6	0.07	0.6	2.8	2.3	2.1	1.3	7.7	20.0	70.0

*Consumption tax and Defense tax have been used interchangeably

**VAT was introduced in 2000

Source: Ministry of Finance and National Economy and IMF estimates

Table A6.2 cont'd.

	1991/92	1992/93	1993/94	1994/95	1995	1996	1997	1998	1999	2000
Total revenue	3400.0	7900.0	13190.0	28500.0	36500.0	63000.0	107300.0	156900.0	206700.0	323305.9
Tax revenue	2270.0	5720.0	10650.0	21230.0	28870.0	53300.0	90900.0	126400.0	153300.0	157505.9
Indirect taxes	1630.0	3510.0	6570.0	12900.0	175700.0	35500.0	692000.0	952000.0	117200.0	103905.4
Sales tax**	200.0	240.0	1080.0	1000.0	1000.0	700.0	0.0	4600.0	8100.0	3400.0
Import duties	550.0	1340.0	1690.0	4210.0	6020.0	16739.2	24300.0	35500.0	53800.0	51200.0
Excise duties	280.0	990.0	1770.0	4410.0	5980.0	7100.0	21000.0	21300.0	24700.0	30900.0
Export duties & royalties	60.0	270.0	390.0	720.0	810.0	2100.0	3300.0	1200.0	1800.0	200.0
Consumption tax*	480.0	590.0	1340.0	2420.0	3230.0	6280.0	9900.0	17100.0	18400.0	9400.0
Direct taxes	570.0	2070.0	3790.0	7510.0	10490.0	17810.0	21893.4	31204.1	36100.0	37500.0
Personal Income taxes	50.0	90.0	130.0	430.0	710.0	1400.0	2100.0	4100.0	3000.0	5300.0
Corporate income tax	440.0	1640.0	3020.0	6470.0	8360.0	9500.0	6200.0	8700.0	22900.0	22900.0
Sudanese working abroad	40.0	70.0	420.0	500.0	1020.0	2110.0	4110.0	4700.0	5400.0	2700.0
Other tax	50.0	270.0	220.0	110.0	370.0	4500.0	9100.0	13000.0	3900.0	4700.0
Development tax	0.0	0.0	0.0	0.0	30.0	300.0	383.4	704.1	900.0	1900.0
Other taxes	70.0	140.0	290.0	820.0	810.0	0.0	0.0	0.0	0.0	0.0
VAT**	--	--	--	--	--	--	--	--	--	16100.5
Non tax revenue	1130.0	2180.0	2540.0	7290.0	7670.0	9700.0	16400.0	30400.0	53400.0	165800.0
Proceeds from Govt. enterprises, interest, rent & dividend	30.0	150.0	510.0	520.0	930.0	3000.0	5500.0	8000.0	14100.0	15700.0
Fees & charges on public services	380.0	80.0	250.0	460.0	4530.0	5700.0	6300.0	9500.0	9400.0	9200.0
Commodity price differentials	410.0	610.0	750.0	4230.0	930.0	0.0	0.0	0.0	0.0	0.0
Proceeds from sales of public enterprises & land	--	190.0	140.0	1040.0	400.0	300.0	100.0	--	--	--
Pension contribution	--	--	--	--	--	--	--	--	--	--
Oil revenue	--	--	--	--	--	--	1400.0	1200.0	15700.0	140900.0
Loan repayments	--	--	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Others	230.0	1070.0	860.0	960.0	540.0	600.0	4500.0	12900.0	14200.0	--

*Consumption tax and Defense tax have been used interchangeably

**VAT was introduced in 2000

Source: Ministry of Finance and National Economy and IMF estimates

**Table A6.3: Federal revenue decomposed
(percent of total federal revenue)**

	1981/82	1982/83	1983/84	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91
Total revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tax revenue	83.2	85.0	84.5	86.5	89.8	64.8	74.2	77.9	80.7	62.3
Indirect taxes	66.8	68.5	66.6	65.8	70.5	47.6	58.1	63.6	62.7	45.5
Sales tax	0.4	0.6	0.5	--	--	--	--	--	12.0	6.5
Import duties	39.0	42.2	37.3	50.1	54.8	34.5	41.4	36.8	32.5	18.2
Excise duties	9.1	7.0	7.6	3.6	14.0	10.1	10.3	18.4	21.7	12.3
Export duties & royalties	3.5	1.7	1.6	1.3	1.7	3.0	1.9	1.4	1.2	0.6
Consumption tax	7.3	9.5	9.9	10.0	--	--	4.6	6.5	4.8	4.5
Direct taxes	16.1	16.0	17.6	20.3	17.5	17.5	15.3	14.0	16.9	15.6
Personal Income taxes	5.7	4.4	3.3	1.8	1.3	3.2	2.5	1.8	3.6	1.9
Corporate income tax	8.7	9.6	12.1	15.4	14.0	10.2	8.6	8.9	12.0	11.0
Sudanese working abroad	0.9	1.1	1.4	2.7	2.5	1.6	2.1	1.3	1.2	0.6
Other tax	0.7	0.8	0.7	0.5	0.6	3.1	2.2	2.4	0.0	1.3
Development tax	3.0	2.8	3.2	--	--	--	--	--	0.0	0.0
Other taxes	0.4	0.5	0.5	1.9	1.8	0.4	0.7	0.7	1.2	1.3
VAT	--	--	--	--	--	--	--	--	--	--
Non tax revenue	16.6	15.0	15.4	13.5	10.1	36.0	26.3	21.9	19.3	37.7
Proceeds from Govt. enterprises, interest, rent & dividend	3.7	3.7	6.0	2.2	1.0	5.7	4.3	2.7	1.2	1.9
Fees & charges on public services	8.5	8.0	7.3	6.4	6.1	6.2	6.0	4.9	7.2	8.4
Commodity price differentials	--	--	--	--	--	18.1	10.7	7.8	1.2	16.2
Proceeds from sales of public enterprises & land	0.1	0.8	0.2	0.3	0.5	0.4	--	0.3	--	--
Pension contribution	2.7	2.4	2.9	2.6	1.4	3.8	4.4	4.6	4.8	3.2
Oil revenue	--	--	--	--	--	--	--	--	--	--
Loan repayments	--	--	--	--	--	0.2	0.1	0.4	--	--
Others	1.8	0.1	0.4	1.9	1.1	0.8	0.3	1.2	2.4	4.5
						Percent of GDP				
Total revenue	12.7	13.3	12.5	9.7	9.9	7.5	8.6	7.6	8.1	8.1
Tax revenue	10.6	11.3	10.6	8.4	8.9	4.9	6.4	6.0	6.6	5.0
Non tax revenue	2.1	2.0	1.9	1.3	1.0	2.7	2.3	1.7	1.5	3.1

Source: Calculated from table 6.2

Table A6.3 cont'd.

	1991/92	1992/93	1993/94	1994/95	1995	1996	1997	1998	1999	2000	
Total revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Tax revenue	66.8	72.4	80.7	74.5	79.1	84.6	84.7	80.6	74.2	48.7	
Indirect taxes	47.9	44.4	49.8	45.3	48.6	56.3	54.5	60.8	56.7	32.1	
Sales tax	5.9	3.0	8.2	3.5	2.7	1.1	0.0	2.9	3.9	1.1	
Import duties	16.2	17.0	12.8	14.8	16.5	26.6	22.6	22.6	26.0	15.8	
Excise duties	8.2	12.5	13.4	15.5	16.4	11.3	19.6	13.6	11.9	9.6	
Export duties & royalties	1.8	3.4	3.0	2.5	2.2	3.3	3.1	0.8	0.9	0.1	
Consumption tax	14.1	7.5	10.2	8.5	8.8	10.0	9.2	10.9	8.9	2.9	
Direct taxes	16.8	26.2	28.7	26.4	28.7	28.3	20.4	19.9	17.5	11.6	
Personal Income taxes	1.5	1.1	1.0	1.5	1.9	2.2	2.0	2.6	1.5	1.6	
Corporate income tax	12.9	20.8	22.9	22.7	22.9	15.1	5.8	5.5	11.1	7.1	
Sudanese working abroad	1.2	0.9	3.2	1.8	2.8	3.3	3.8	3.0	2.6	0.8	
Other tax	1.5	3.4	1.7	0.4	1.0	7.1	8.5	8.3	1.9	1.5	
Development tax	0.0	0.0	0.0	0.0	0.1	0.5	0.4	0.4	0.4	0.6	
Other taxes	2.1	1.8	2.2	2.9	2.2	0.0	0.0	0.0	0.0	0.0	
VAT	--	--	--	--	--	--	--	--	--	--	
Non tax revenue	33.2	27.6	19.3	25.6	21.0	15.4	15.3	19.4	25.8	51.3	
Proceeds from Govt. enterprises, interest, rent & dividend	0	0	0	0	0	0	0	0	0	0	
Fees & charges on public services	0.9	1.9	3.9	1.8	2.5	4.8	5.1	5.1	6.8	4.9	
Commodity price differentials	11.2	1.0	1.9	1.6	12.4	9.0	5.9	6.1	4.5	2.8	
Proceeds from sales of public enterprises & land	12.1	7.7	5.7	14.8	2.5	0.0	0.0	0.0	0.0	0.0	
Pension contribution	--	2.4	1.1	3.6	1.1	0.5	0.1	--	--	--	
Oil revenue	--	--	--	--	--	--	1.3	0.8	7.6	43.6	
Loan repayments	--	--	0.8	0.4	0.3	0.2	0.0	0.0	0.0	0.0	
Others	6.8	13.5	6.5	3.4	1.5	1.0	4.2	8.2	6.9	0.0	
					Percent of GDP						
Total revenue	8.4	9.4	7.8	9.4	8.3	6.3	6.6	7.9	8.5	11.2	
Tax revenue	5.6	6.8	6.3	7.0	6.5	5.4	5.6	6.4	6.3	5.4	
Non tax revenue	2.8	2.6	1.5	2.4	1.7	1.0	1.0	1.5	2.2	5.7	

Source: Calculated from table 6.2

**Table A6.4: Actual performance of states' expenditure and revenue
(million Sudanese Dinar)**

No.	Particulars	Fiscal year	Chapter One	Chapter Two	Total current expenditure	Development expenditure	Total expenditure	Total revenue	Revenue as a percentage of total current expenditure	Revenue as a percentage of wages and salaries
1	Nile State	1996	432.3	349.7	782.1	117.9	899.9	681.4	87.1	157.6
		1997	750.9	631.7	1382.6	368.5	1751.1	1416.5	102.4	188.6
		1998	1116.7	884.8	2001.5	737.0	2738.4	2201.5	109.9	197.1
		1999	1281.1	951.2	2232.3	823.6	3056.0	2488.5	111.5	194.2
		2000	2009.7	1056.7	3066.4	1305.9	4372.4	2910.9	94.9	144.8
		2001	2865.1	1788.0	4653.1	659.6	5312.6	2536.1	54.5	88.5
2	Northern Darfur State	1996	409.8	516.4	926.2	6.1	932.3	526.6	56.8	128.5
		1997	603.6	766.7	1370.3	21.3	1391.6	927.1	67.7	153.6
		1998	794.1	1086.1	1880.2	29.6	1909.8	1206.8	64.2	151.9
		1999	1450.0	1347.2	2797.2	64.0	2861.1	1939.8	69.3	133.8
		2000	1274.3	1612.3	2886.6	12.8	2899.4	1483.4	51.4	116.4
3	Northern State	1996	458.8	325.0	783.8	3.4	787.2	536.0	68.4	116.8
		1997	574.3	594.8	1169.0	NA	1169.0	888.6	76.0	154.7
		1998	802.8	755.3	1558.1	26.8	1585.0	1087.4	69.8	135.4
		1999	1185.0	850.2	2035.1	NA	2035.1	1394.9	68.5	117.7
		2000	1404.3	815.7	2220.0	96.5	2316.5	1309.6	58.9	93.2
4	Red Sea State	1996	274.1	298.2	572.4	392.6	964.9	977.4	170.8	356.5
		1997	402.3	840.5	1242.8	48.8	1291.6	1518.0	122.1	377.3
		1998	637.5	1187.5	1825.0	141.8	1966.8	3470.7	190.1	544.5
		1999	1151.5	2347.8	3499.2	294.2	3793.5	3233.1	92.4	280.8
		2000	1316.9	2099.6	3416.5	288.5	3705.0	3547.7	103.8	269.4

Source: Ministry of Finance and National Economy, National Accounts Directorate General

Table A6.4 cont'd.

No.	Particulars	Fiscal year	Chapter One	Chapter Two	Total current expenditure	Development expenditure	Total expenditure	Total own revenue	Own revenues as a percent of total current expenditure	Own revenue as a percent of wages and salaries
5	Blue Nile State	1996	122.4	349.9	472.3	95.2	56.5	606.3	128.4	495.4
		1997	226.7	821.9	1048.6	440.3	1092.9	941.5	89.8	415.3
		1998	314.3	605.4	919.7	59.0	978.7	951.5	103.5	302.7
		1999	425.3	507.5	932.8	25.9	958.7	889.5	95.4	209.2
		2000	669.9	744.9	1414.8	30.8	1445.6	903.3	63.8	134.8
6	Kassala State	1996	428.0	424.1	852.1	54.1	906.2	766.8	90.0	179.2
		1997	586.0	931.1	1517.1	114.3	1631.5	1549.2	102.1	264.4
		1998	819.6	1376.7	2196.2	162.1	2358.3	2191.5	99.8	267.4
		1999	983.3	1352.7	2336.0	190.5	2526.6	2281.8	97.7	232.1
		2000	1620.2	1615.4	3235.6	12.1	3247.7	2206.5	68.2	136.2
7	Khartoum State	1996	1831.9	3828.5	5660.4	4351.4	10011.8	8803.9	155.5	480.6
		1997	2748.7	6527.1	9275.8	6477.3	15753.1	15630.0	168.5	568.6
		1998	3791.0	9456.1	13248.0	11461.0	24709.0	25307.3	191.0	667.6
		1999	5287.2	10933.1	16220.4	13355.5	29575.8	29586.2	182.4	559.6
		2000	7195.8	13025.8	20221.7	3313.0	23534.6	23546.9	116.4	327.2
		2001	9842.5	12753.8	22596.3	5740.6	28336.9	39509.1	174.8	401.4
8	Southern Darfur State	1996	460.3	1347.1	1807.4	128.2	1935.6	1784.1	98.7	387.6
		1997	693.9	922.1	1616.0	411.9	2027.9	2661.8	164.7	383.6
		1998	861.5	1756.6	2618.1	140.3	2758.4	2626.6	100.3	304.9
		1999	1080.5	1529.9	2610.4	286.6	2897.0	2528.0	96.8	234.0

Source: Ministry of Finance and National Economy, National Accounts Directorate General

Table A6.4 cont'd.

No.	Particulars	Fiscal year	Chapter One	Chapter Two	Total current expenditure	Development expenditure	Total Expenditure	Total own revenue	Own revenues as a percent of total current expenditure	Own revenue as a percent of wages and salaries
9	Sinnar States	1996	369.3	340.0	709.2	58.7	768.0	1136.7	160.3	307.8
		1997	606.9	902.1	1509.0	112.4	1621.4	1450.5	96.1	239.0
		1998	806.4	1229.6	2035.9	332.0	2468.0	2168.7	106.5	268.9
		1999	1204.3	1517.4	2721.7	225.0	2946.8	2785.5	102.3	231.3
10	Al-Gezira State	1996							104.6	164.1
		1997	1610.3	915.8	2526.1	120.0	2646.1	2642.1		
		1998	2463.6	1822.2	4285.8	81.8	4367.6	4270.4	99.6	173.3
		1999	3000.1	2755.1	5755.2	272.3	6027.6	5885.6	102.3	196.2
		1999	3623.8	2779.0	6402.8	301.0	6703.8	4539.8	70.9	125.3
		2000	6989.1	2547.0	9536.1	136.4	9672.5	3190.0	33.5	45.6
11	Southern Kordofan State	1996	0.0	0.0	0.0	0.0	0.0	0.0		
		1996	308.8	386.6	695.4	--	695.4	344.5	49.5	111.6
		1997	422.7	338.8	761.5	--	761.5	331.6	43.5	78.5
		1999	--	--	--	--	--	--	--	--
12	Western Darfur State	1996	193.6	170.2	363.8	34.0	397.9	216.9	59.6	112.1
		1997	--	--	943.0	--	943.0	602.0	63.8	
		1998	330.0	773.7	1103.7	--	1103.7	547.5	49.6	165.9
		1999	--	--	--	--	--	--	--	--
13	Al-Gadarif State	1996	36.0	1013.5	1378.6	167.4	1545.9	1788.7	129.8	496.2
		1997	577.1	1373.8	1950.9	578.4	2529.3	2633.2	135.0	456.3
		1998	828.3	1776.2	2604.5	276.2	2880.7	2878.0	110.5	347.4
		1999	1009.4	1813.0	2822.4	632.3	3545.6	2878.3	102.0	285.1
		2000	1491.2	1913.9	3405.1	622.0	4027.1	2947.6	86.6	197.7
		2001	1980.9	2501.8	4482.7	413.3	4896.0	NA	NA	NA

Source: Ministry of Finance and National Economy, National Accounts Directorate General

Table A6.4 cont'd.

No.	Particulars	Fiscal year	Chapter One	Chapter Two	Total current expenditure	Development expenditure	Total expenditure	Total own revenue	Own revenue as a percent of total current expenditure	Own revenue as a percent of wages and salaries
14	Kordofan State	1997	656.5	587.5	1244.0	--	1244.0	1545.5	124.2	235.4
		1998	912.9	1460.7	2373.6	129.5	2503.1	2247.5	94.7	246.2
		1999	1170.6	3724.0	4894.6	93.1	4987.8	2015.4	41.2	172.2
15	Western Kordofan State	1996	173.4	152.3	325.7	14.6	340.3	336.5	103.3	194.0
		1997	399.1	350.8	749.9	122.0	871.9	672.6	89.7	168.5
		1998	363.4	630.2	993.6	135.7	1129.3	942.5	94.9	259.4
		1999	608.6	1167.0	1775.6	209.0	1984.6	1680.1	94.6	276.1
		2000	1047.8	976.3	2024.0	164.6	2188.6	1495.7	73.9	142.8
		2001	1447.3	915.1	2372.5	175.2	2537.7	1036.2	43.7	71.6
16	Western Equatoria State	1996	136.3	6.2	142.5	--	142.5	0.4	0.3	0.3
		1997	174.8	9.7	184.5	--	184.5	1.3	0.7	0.7
		1998	245.4	9.3	254.7	--	254.7	5.5	2.2	2.2
		1999	258.5	9.8	268.3	--	268.3	0.0	0.0	0.0
		2000	255.3	18.5	273.8	--	273.8	1.2	0.4	0.5
		2001	329.3	54.6	383.8	--	383.8	0.0	--	--
17	White Nile	1996	555.1	321.5	876.6	66.9	943.4	1052.4	120.1	189.6
		1997	966.9	911.8	1878.7	--	1878.7	1818.4	96.8	188.1
		1998	1066.4	936.7	2003.0	1124.8	3127.8	3078.1	153.7	288.7
		1999	336.0	962.0	1298.0	255.0	1553.0	2057.0	158.5	612.2

Source: Ministry of Finance and National Economy, National Accounts Directorate General

**Table A6.5: Major fiscal components as a ratio of GDP
(1996 – 2001)**

	1996	1997	1998	1999	2000	2001
i. Total Federal Revenue	6.9	6.4	6.9	8.0	11.3	11.4
External Financing	--	--	0.1	0.3	0.4	0.2
GMCs*	--	--	--	--	0.0	1.1
Central Bank Financing	--	--	0.4	0.4	0.3	0.3
ii. Total Federal Expenditure	7.3	7.6	7.4	8.7	12.0	13.0
Recurrent Expenditure	6.8	7.1	6.7	7.5	9.6	10.5
Development Expenditure	0.5	0.5	0.7	1.2	2.4	2.5

Source: Data prepared by Budget Directorate, (own computation).

*GMCs represent the Government Musharaka Certificate.

**Table A6.6: Growth of non-oil revenue in real terms
(1999-2001)**

Item \ Year	1999	2000	2001
Tax Revenue	15%	-5%	14%
Direct Taxes	0%	-4%	4%
Indirect Taxes	20%	-5%	17%
Non-oil Revenue	14%	-17%	12%
Inflation Rate	16%	8%	6%
Source: Own calculation.			

**Table A6.7: Economic classification of federal expenditure
(million Sudanese Dinar and as percent of total expenditure)**

Year Type of Expenditure	1998		1999		2000		2001	
	SDD million	% Share	SDD million	% Share	SDD million	% Share	SDD million	% Share
Wage Bill	57,290	33.8	80,506	35.4	105,882	30.6	131,618	31.5
Operations and Maintenance	66,377	39.2	79,051	34.7	119,684	34.6	132,760	31.7
Development Expenditure	13,218	7.8	27,631	12.1	57,890	16.7	70,408	16.8
Debt Service Payments	14,658	8.6	20,237	8.9	34,388	9.9	33,059	7.9
Transfers to States	8,903	5.3	12,806	5.6	19,774	5.7	34,339	8.2
Social Subsidies	8,805	5.2	7,363	3.5	8,781	2.5	16,259	3.9
Total Expenditure		100		100		100		100

Source: Ministry of Finance and National Economy, National Accounts Directorate General.

Table A6.8: Economic classification of state expenditures (million Sudanese Dinar)						
Year Expenditure	1998		1999		2000	
	SDD million	%	SDD million	%	SDD million	%
Wages	16991.10	28.5%	21055.50	30.2%	25764.70	44.3%
Non-wages	26680.01	45.7%	31781.80	45.7%	26426.00	45.4%
Development Expenditure	15028.20	25.8%	16766.00	24.1%	5982.60	10.3%
Total Expenditure	58399.31	100%	69603.30	100%	58173.30	100%
Source: Ministry of Finance and National Economy, National Accounts Directorate General.						

Table A6.9: Economic classification of consolidated federal and state recurrent and development expenditures						
Year Type of Expenditure	1998		1999		2000	
	SDD million	%	SDD million	%	SDD million	%
Wage Bill	73981	33.8	101561	35.7	131647	34.2
Operation and Maintenance	93057	42.5	110833	39.0	146110	38.0
Development	28246	13.0	44397	15.6	63872.	16.6
Debt Service	14658	6.7	20237	7.1	34388	8.9
Social Subsidies	8803	4.0	7363	2.6	8781	2.3
Total Expenditure	218765	100	284391	100	384798	100
Source: Ministry of Finance and National Economy, National Accounts Directorate General.						

Table A6.10: The Poverty Reduction Program

Field of Intervention	Projects/Programs Components	Costs		Performance Level		Observations
		SDD million	Physical	%	Financial	
1- Table Water Supply:		4866			1320	27%
	o Provision of 221 rural water supply units distributed over 15 states. They comprise 103 water boreholes, 32 small dams, 97 dams (<i>haffirs</i>) and 32 water purification units.	2266		60%	1020	45%
	o Chinese Financed water supply equipment and materials provision.	2600			300	11.5%
						<p>The construction of 3 new and the completion of 7 water supply purification units have not started yet.</p> <p>The money dispensed represents advance payment for the loan. The first consignment scheduled for the first quarter of year 2002 started to arrive.</p> <p><u>Constraints:</u> The program commenced implementation in the advent of the rainy season which protracted movement of people and excavating machines in addition to delays in securing funds.</p>

Table A6.10 cont'd.

Field of Intervention	Projects/Programs Components	Costs SDD million	Performance Level				Observations
			Physical	%	Financial	%	
2. Health Care:					58%		
o Malaria Fighting Program	Provision of insecticides, spray machines and vehicles	511	All 18 vehicles were delivered, Insecticides Sprayers	84%	913	38%	
					389	76%	
					33%		
o Rehabilitation of 35 health centres at the States.					60%		The health centres were originally 40 in number distributed over 13 states. They were reduced to 35 distributed over 12 states.
o Fighting Bilharzia and Tuberculosis	Procurement of equipments, drugs and insecticides.				50%		
o Rehabilitation of 7 rural hospitals.							The progame implement-ation has not started yet. Constraints: Lack of competent national civil works <u>Contractors</u> . Costs over-run due to high bidders prices or under estimation of real costs.

Table A6.10 cont'd.

Field of Intervention	Projects/Programs Components	Costs SDD million	Performance Level				Observations
			Physical	%	Financial	%	
3. Education				68%	1004	40%	
	○ Construction of 25 basic schools in different states.		Phase One	75%			The program has been rerouted to include reconstruction of 15 basic schools, 80 classrooms and 40 offices.
			Phase Two	75-10%			
	○ Provision of furniture for 361 thousands pupils and 7 thousands teachers.			83%			<u>Constraints:</u> Funds for executing these projects were channeled through the States authorities causing some delays. Other factors behind some delays in execution include shortage of building materials at the localities, shortage of skilled labor and difficulties of movement due to rains.

Source: Social Sector, Ministry of Finance, 2000.

Table A6.11: Growth of various sources of Zakat (million Sudanese Dinar)

Source	1996	1997	1998	1999	2000	2001
Agriculture	2256.5	4101.9	4564.7	5472.6	5361.6	5971.8
Trade	439.7	1223.9	1838.9	2416.4	3008.7	3618.9
Livestock	245.3	537.4	550.9	812.7	1178.6	1172.8
Professionals	6.2	18.7	25.9	35.5	68.2	63.1
Other sources	81.4	1315.8	1772.9	1998.3	2360.2	2667.0
Total	3479.2	7179.0	8728.4	10700.0	11909.1	13460.5

Source: Zakat Chamber Annual Report, 2002.

APPENDIX 7. MONETARY DEVELOPMENT

Table A7.1: Monetary survey
(million Dinar up to 1991 and billion Dinar from 1992)

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Net foreign assets	-0.4	-0.9	-0.8	-1.8	-3.3	-4.4	-3.6	-4.8	-17.4	-21	-21	-22.7	-29.8	-34.7	-108.2	-154.3	-238.6	-236.6
Assets																		
Bank of Sudan	-0.5	-1	-0.9	-1.9	-3.3	-4.5	-4	-5.4	-18	-23.4	-27	-29.4	-39.5	-56.4	-136.1	-191.9	-291.8	-303.3
Commercial banks	0.1	0.1	0.1	0.1	--	0.1	0.4	0.6	0.6	2.4	6	6.7	9.7	21.7	27.9	37.6	53.2	66.7
Liabilities																		
Bank of Sudan	1.6	2.1	1.9	2.3	3.9	5.1	5	8.1	17.2	21.7	22.9	26.4	39.2	51.2	124.4	178.8	278.8	287.7
Commercial banks	0.6	1	0.5	0.5	0.4	0.7	1.3	1.2	2	2.5	5.1	4.3	3.7	7.2	13.2	15.9	15.2	17.8
Net domestic assets																		
Net domestic credit	10.9	12.6	14.3	17.6	20.6	24.6	27.5	35.7	56.7	72.6	95.6	118.6	145.5	177	237.8	276.1	357.4	427.2
Net claims on Federal government	4.2	4.8	6.2	7.2	8.4	9.8	11.2	13.2	20	29.4	48.8	59.3	68.7	77.7	103.7	79.1	167.9	202.5
Net claims on state & local govt.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Claims on nongovernmental sectors	6.2	7.1	7.3	9.6	10.8	13.5	14.8	20.7	34.6	41	44.6	57	74.5	97	131.2	193.9	189.5	224.8
Private sector	6.2	7.1	6.6	7.1	7	8.5	9.9	12.3	18.6	22.8	26.5	34.3	46.1	59.3	77.8	114.3	137.7	160.9
Non-bank fin. Institutions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.5	5.7
Non-financial public enterprises	--	--	0.7	2.5	3.8	5	4.9	8.4	16	18.2	18.1	22.7	28.4	37.7	53.4	79.6	47.3	58.2
Broad money	9.3	9.8	11.5	13	14	16.6	20.5	27.8	33	41.2	58.9	75.1	97.7	126.4	179.5	253.4	311	371.9
Money	82	81	10.1	11.6	12.4	14.4	17.6	23.7	28.1	35	49.7	63.4	83.7	109.7	153.1	209.1	233.6	276.4
Quasi money	--	--	--	--	1.6	2.2	3	4.1	4.9	6.2	9.2	11.7	14.1	16.7	26.4	44.3	77.4	95.5

Source: International Financial Statistics Yearbook

Table A7.1 cont'd.

	1985	1986	1987	1988	1989	1990	1991	1992	1993/94	1994	1995	1996	1997	1998	1999	2000
Net foreign assets	-357.2	-414.6	-739.5	-960.6	-981.9	-1214.7	-2494.6	-36.7	-58.7	-121.7	-202.1	-446.2	-491.6	-685.4	-730	-677.5
Assets																
Bank of Sudan	-511.7	-538.1	-899	-1185.7	-1224.8	-1492.3	-3393.4	-41.1	-68.4	-147.2	-271.2	-471.9	-531.7	-744.6	-795.1	-747.3
Commercial banks	154.5	123.5	159.5	225.1	242.9	277.6	898.8	4.4	9.7	10	14.1	25.7	40.1	59.2	65.1	69.8
Liabilities																
Bank of Sudan	461.2	512.3	843.8	1133.3	1172.3	1467.3	3305.5	40.5	67.8	134.2	224.8	485.6	547.8	767.5	838.1	820.4
Commercial banks	53.9	41.5	61.9	61.3	60.5	69.6	159.9	0.9	1.5	1.5	2.8	4.3	4.4	4.7	3.4	3.8
Net domestic assets	--	--	--	--	--	--	--	--	21.4	31.5	46.2	101	122.8	147.9	185.5	247.1
Net domestic credit	583	811.1	1127.4	1502.4	2368.9	3283.1	5113.1	12.9	21.4	27.2	39.9	84.3	100.5	121.3	154.6	202.5
Net claims on Federal government	272.9	373.3	511.4	770.7	1504.1	2110.8	3421.6	9.4	15.8	21.1	31.5	64.6	75.2	97.7	126.3	158.4
Net claims on state & local govt.	--	--	--	--	--	--	--	--	0.1	--	0.1	0.1	0.2	0.2	0.1	-0.1
Claims on non-government sectors	310.1	437.8	616	731.7	864.8	1172.4	1691.6	3.5	7.1	11.2	14.8	34.2	41.8	47.6	55.9	96.4
Private sector	188.2	263.8	379.3	450.9	494.1	766.7	1404.9	2.7	4.5	8.8	13.1	31.9	39.4	44.3	43.6	71.5
Non-bank fin. Institutions	7.2	8.4	8.4	8.4	13.9	16.9	16.9	--	0.1	0.1	0.1	0.2	0.4	0.4	0.4	2.1
Non-financial public enterprises	114.7	165.6	228.3	272.4	356.8	388.8	269.8	0.8	0.9	1.4	1.4	1.9	1.9	2.8	8.2	22.8
Broad money	610.8	781.3	1066.4	1416.4	2171.6	3230.2	5412.2	13	26.5	40	70.6	116.6	160.5	208.2	257.5	346.7
Money	414.5	584.9	776.8	1121.8	1889.9	2765.9	4430.5	8.9	15.7	24.3	40.46	75.36	99.85	129.08	165.01	234.59
Quasi money	196.4	196.4	289.5	294.6	281.7	464.3	981.7	4.1	10.8	15.8	28.93	39.34	58.06	76.08	88.3	112.08

Source: International Financial Statistics Yearbook

**Table A7.2: Financial position of the Bank of Sudan
(million Dinar up to 1991 and billion Dinar from 1992)**

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Assets															
Foreign assets (million Dinars till 1991 and billion dinars from 1992 onwards)	1.0	1.3	2.3	3.9	1.2	0.8	0.9	1.3	3.4	2.0	1.5	2.7	2.2	2.2	3.4
Foreign exchange (million \$)	27.9	30.3	44.9	97.9	27.8	23.6	23.1	20.5	54.2	48.7	16.4	20.5	16.5	17.2	12.2
Gold reserves															
SDR holdings (million \$)	--	5.3	16.4	26.4	8.6	--	--	7.9	13.2	--	0.6	--	0.1	--	--
Quota in IMF resources (million SDR)	72.0	72.0	72.0	72.0	72.0	72.0	72.0	88.0	88.0	132.0	132.0	132.0	169.7	169.7	169.7
Claims on government (million Dinars till 1991 and billion dinars from 1992 onwards)	--	--	--	--	--	--	--	--	--	--	--	--	163.1	198.5	289.4
Claims on non-financial public enterprises (million Dinars till 1991 and billion dinars from 1992 onwards)	3.8	5.0	4.9	8.4	16.0	18.2	18.1	22.7	28.4	37.7	53.4	79.6	47.3	58.2	114.7
Claims on deposit money banks (million Dinars till 1991 and billion dinars from 1992 onwards)	2.2	2.1	2.4	2.7	3.2	2.7	3.6	5.5	6.6	7.3	9.7	12.2	6.8	20.3	22.2
Reserve money (million Dinars till 1991 and billion dinars from 1992 onwards)	8.5	9.3	11.9	16.3	19.3	23.5	38.0	50.2	66.7	75.1	121.1	158.2	174.0	244.4	395.0
Quasi monetary deposits (million Dinars till 1991 and billion dinars from 1992 onwards)	--	--	--	--	--	--	--	--	--	--	--	--	--	10.3	10.2
Central bank liabilities: Mausharaka cert. (billion Dinars)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Liabilities															
Foreign liabilities (million Dinars till 1991 and billion dinars from 1992 onwards)	3.9	5.1	5.0	8.1	17.2	21.7	22.9	26.4	39.2	51.2	124.4	178.8	278.8	287.7	461.2
Federal govt. deposits (million Dinars till 1991 and billion dinars from 1992 onwards)	0.3	0.7	0.5	4.1	3.5	4.6	3.2	5.4	30.6	46.9	47.9	70.9	--	--	--
Capital accounts (million Dinars till 1991 and billion dinars from 1992 onwards)	1.1	1.4	1.4	1.4	1.4	1.7	2.4	2.8	2.8	2.8	1.8	1.9	4.5	4.2	4.2
Valuation adjustment (million Dinars till 1991 and billion dinars from 1992 onwards)		--	--	--	--	--	--	--	--	--	--	--	-153.2	-153.2	-320.9
Other items, net (million Dinars till 1991 and billion dinars from 1992 onwards)	-6.8	-8.1	-9.1	-14.8	-21.1	-29.7	-44.0	-55.4	-101.0	-129.1	-230.7	-315.2	-86.0	-114.1	-120.0

Source: International Financial Statistics Yearbook

Table A7.2 cont'd.

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Assets															
Foreign assets (million Dinars till 1991 and billion dinars from 1992 onwards)	15.6	6.7	8.9	8.0	44.6	72.0	0.4	0.8	3.1	8.6	15.5	14.1	21.6	48.6	73.1
Foreign exchange (million \$)	58.5	11.7	12.1	15.9	11.4	7.6	27.5	37.4	78.1	163.3	106.8	81.6	90.6	188.7	247.3
Gold reserves	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SDR holdings (million \$)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Quota in IMF resources (million SDR)	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7	169.7
Claims on government (million Dinars till 1991 and billion dinars from 1992 onwards)	428.5	617.4	872.6	1590.9	2231.4	3593.2	10.8	16.5	22.0	32.9	76.0	84.8	101.8	134.8	169.0
Claims on non-financial public enterprises (million Dinars till 1991 and billion dinars from 1992 onwards)	165.6	228.3	272.4	356.8	388.8	269.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.5	17.1
Claims on deposit money banks (million Dinars till 1991 and billion dinars from 1992 onwards)	22.4	24.8	29.3	35.5	44.0	34.8	0.1	0.5	0.4	0.4	0.4	2.4	6.1	7.2	8.8
Reserve money (million Dinars till 1991 and billion dinars from 1992 onwards)	561.5	716.0	944.7	1751.5	2333.8	3460.8	8.8	14.4	20.2	35.7	64.9	87.2	112.8	152.4	223.6
Quasi monetary deposits (million Dinars till 1991 and billion dinars from 1992 onwards)	8.9	17.5	19.0	22.4	26.8	38.9	0.6	0.6	2.1	3.2	3.2	3.1	3.3	3.2	--
Central bank liabilities: Mausharaka cert. (billion Dinars)	--	--	--	--	--	--	--	--	--	--	--	--	4.9	4.2	1.1
Liabilities															
Foreign liabilities (million Dinars till 1991 and billion dinars from 1992 onwards)	512.3	843.8	1133.3	1172.3	1467.3	3305.5	40.5	67.8	134.2	224.8	485.6	547.8	767.5	838.1	820.4
Federal govt. deposits (million Dinars till 1991 and billion dinars from 1992 onwards)	--	--	--	--	--	--	1.2	0.9	0.9	1.2	10.8	9.2	3.7	5.1	8.4
Capital accounts (million Dinars till 1991 and billion dinars from 1992 onwards)	5.9	12.8	21.2	34.8	37.4	39.4	--	0.1	0.2	0.4	1.2	1.2	2.0	2.6	4.2
Valuation adjustment (million Dinars till 1991 and billion dinars from 1992 onwards)	-341.8	-592.5	-836.4	-894.9	-1060.6	-2946.4	-39.2	-63.1	-124.9	-206.6	-444.8	-514.9	-724.4	-772.0	-776.7
Other items, net (million Dinars till 1991 and billion dinars from 1992 onwards)	-114.7	-120.5	-98.5	-95.1	-96.0	71.5	-0.4	-2.7	-6.9	-16.8	-28.9	-32.0	-40.4	-39.5	-13.1

Source: International Financial Statistics Yearbook

**Table A7.3: Financial position of commercial banks,
(million Dinar up to 1991 and billion Dinar from 1992)**

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Assets																		
Reserves	0.7	0.4	0.5	0.5	1.1	1.9	2.4	3.4	4.4	11.5	17.6	24.0	19.6	39.1	40.8	82.6	93.7	200.9
Claims on monetary authorities: securities																		
Foreign assets	0.1	0.1	0.1	-	0.1	0.4	0.6	0.6	2.4	6.0	6.7	9.7	21.7	27.9	37.6	53.2	66.7	154.5
Claims on Federal government	1.8	2.0	2.1	2.3	2.9	3.7	5.4	6.0	7.6	10.6	13.3	15.9	18.6	28.5	46.6	9.4	9.6	10.0
Claims on state & local govt.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Claims on non-financial public enterprises	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Claims on private sector	7.1	6.6	7.1	7.0	8.5	9.9	12.3	18.6	22.8	26.5	34.3	46.1	59.3	77.8	114.3	137.7	160.9	188.2
Claims on non-bank fin. Institutions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Liabilities																		
Demand deposits	3.1	3.6	4.3	4.5	6.2	7.4	9.9	12.1	15.5	22.6	29.2	39.2	54.0	65.3	88.4	116.5	132.6	192.5
Time & savings deposits	1.8	2.0	2.1	2.3	2.9	3.7	5.4	6.0	6.6	10.8	12.6	15.9	18.2	28.8	46.5	76.1	85.2	186.2
Foreign liabilities	1.0	0.5	0.5	0.4	0.7	1.3	1.2	2.0	2.5	5.1	4.3	3.7	7.2	13.2	15.9	15.2	17.8	53.9
Federal govt. deposits	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.3	0.8	1.5	1.9	1.5	1.3	2.5	1.2	4.6	5.7	26.5
Credit from monetary authorities	1.9	1.7	1.5	0.8	0.6	0.9	0.9	1.3	0.9	1.4	3.3	4.0	5.3	7.1	9.3	14.8	12.7	3.1
Capital accounts	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.0	1.6	1.9	2.1	2.9	4.5	9.4	24.7	32.6	65.2
Valuation adjustment	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30.0
Other items (net)	--	--	--	1.0	1.1	1.6	2.5	6.4	9.9	11.7	18.7	29.3	30.4	51.7	68.5	31.1	44.3	-3.6

Source: International Financial Statistics Yearbook

Table A7.3 cont'd.

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Assets															
Reserves	269.5	328.3	320.3	725.8	831.5	1008.5	3.7	4.6	5.6	8.0	14.3	28.1	30.6	37.9	57.1
Claims on monetary authorities: securities															
Foreign assets	123.5	159.5	225.1	242.9	277.6	898.8	4.4	9.7	10.8	16.9	30.0	44.5	63.9	68.6	73.7
Claims on Federal government	11.2	6.0	6.0	24.3	1.0	--	--	0.5	0.2	0.2	0.1	--	0.1	0.2	4.2
Claims on state & local govt.	--	--	--	--	--	--	--	0.1	--	0.1	0.2	0.2	0.1	0.1	--
Claims on non-financial public enterprises	--	--	--	--	--	--	0.6	0.7	1.2	1.2	1.7	1.7	2.6	4.7	5.6
Claims on private. Sector	263.8	379.3	450.9	494.1	766.7	1404.9	2.7	4.5	8.8	13.1	31.9	39.4	44.3	43.6	71.5
Claims on non-bank fin. Institutions	--	--	--	--	--	--	--	0.1	0.1	0.1	0.2	0.4	0.4	0.4	2.1
Liabilities															
Demand deposits	263.6	363.3	474.4	847.0	1144.3	1871.4	4.6	6.2	9.5	15.6	30.9	41.4	46.9	56.9	84.1
Time & savings deposits	187.5	272.0	275.6	259.3	437.5	942.8	3.4	10.1	13.7	25.7	36.1	55.0	72.7	85.1	106.7
Foreign liabilities	41.5	61.9	61.3	60.5	69.6	159.9	0.9	1.5	1.5	2.8	4.3	4.4	4.7	3.4	3.8
Federal govt. deposits	66.4	112.1	107.9	110.9	121.6	171.7	0.2	0.3	0.2	0.3	0.8	0.4	0.4	3.5	6.4
Credit from monetary authorities	1.2	1.0	1.2	1.4	1.5	8.4	--	0.1	0.1	0.8	0.1	0.1	0.3	3.0	2.5
Capital accounts	77.3	76.4	115.7	141.4	160.7	242.2	0.6	1.7	3.9	5.5	11.1	14.8	20.3	24.5	32.2
Valuation adjustment	30.0	30.0	30.0	30.0	49.6	300.0	1.2	1.1	0.7	1.1	1.4	2.8	2.4	-0.4	-0.8
Other items (net)	0.6	-43.4	-63.8	36.7	-108.0	-384.1	-0.2	-1.6	-4.1	-13.5	-8.2	-6.5	-0.9	-16.5	-19.6

Source: International Financial Statistics Yearbook

**Table A7.4: Commercial banks' lending by economic sector
(million Sudanese Dinar)**

	1992	1993	1994	1995	1996	1997	1998	1999
Agriculture	1125	1865	2946	3579	8997	12522	15763	14833
Industry	455	827	1840	2618	6385	7284	8908	7184
Exports	570	1155	2236	3946	6643	8387	8114	8359
Imports	37	43	105	1227	1705	858	325	1519
Local trade	383	318	566	418	1216	1738	2038	2816
Others	740	1065	2380	2726	9003	10767	12235	14021
Total	3311	5273	10073	14514	33948	41556	47383	48732
	Percent of total							
Agriculture	34	35.4	29.2	24.7	26.5	30.1	33.3	30.4
Industry	13.7	15.7	18.3	18.0	18.8	17.5	18.8	14.7
Exports	17.2	21.9	22.2	27.2	19.6	20.2	17.1	17.2
Imports	1.1	0.8	1.0	8.5	5.0	2.1	0.7	3.1
Local trade	11.6	6.0	5.6	2.9	3.6	4.2	4.3	5.8
Others	22.4	20.2	23.6	18.8	26.5	25.9	25.8	28.8
Total	100	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Changes from the previous year (in percent)							
Agriculture	--	65.8	58.0	21.5	151.4	39.2	25.9	-5.9
Industry	--	81.8	122.5	42.3	143.9	14.1	22.3	-19.4
Exports	--	102.6	93.6	76.5	68.3	26.3	-3.3	3.0
Imports	--	16.2	144.2	1068.6	39.0	-49.7	-62.1	367.4
Local trade	--	-17.0	78.0	-26.1	190.9	42.9	17.3	38.2
Others	--	43.9	123.5	14.5	230.3	19.6	13.6	14.6
Total	--	59.3	91.0	44.1	133.9	22.4	14.0	2.8

Source: Bank of Sudan, Annual Report

Table A7.5: Exchange rate movements, 1968-2001

	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Period average																
SDD/US\$	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.05	0.06	0.10	0.13
US\$/SDD	28.57	28.72	28.72	28.72	28.72	28.72	28.72	28.72	28.72	28.72	26.49	23.30	20.00	17.89	10.50	7.69
End of period																
SDD/SDR	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.07	0.06	0.11	0.14	0.14
SDD/US\$	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.09	0.13	0.13
US\$/SDD	28.57	28.57	28.57	28.57	28.57	28.57	28.57	28.57	28.57	28.57	25.00	20.00	20.00	11.11	7.69	7.69

Source: International Financial Statistics Yearbook

SDD: Sudanese Dinar

Table A7.5: contd.

	1984	1985	1986	1987	1988	1989	1990	1991	1993	1994	1995	1996	1997	1998	1999	2000	2001
Period average																	
SDD/US\$	0.13	0.23	0.25	0.30	0.45	0.45	0.45	0.70	15.93	28.96	58.09	125.08	157.57	200.80	252.55	257.12	258.70
US\$/SDD	7.69	4.35	4.00	3.33	2.22	2.22	2.22	1.44	0.06	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00
End of period																	
SDD/SDR	0.13	0.27	0.31	0.64	0.61	0.59	0.64	2.15	29.86	58.39	78.24	208.40	232.34	334.83	353.70	335.30	328.55
SDD/US\$	0.13	0.25	0.25	0.30	0.45	0.45	0.45	1.50	21.74	40.00	52.63	144.93	172.20	237.80	257.70	257.35	261.43
US\$/SDD	7.69	4.00	4.00	3.33	2.22	2.22	2.22	0.67	0.05	0.03	0.02	0.01	0.01	0.00	0.00	0.00	0.00

Source: International Financial Statistics Yearbook

SDD: Sudanese Dinar

**Table A7.6: Credit to non-governmental sector by mode of financing
(billion Sudanese Dinar)**

	1996	1997	1998	1999	2000	2001(June)
Murabaha	18.1	21.7	26.2	31.7	31.4	64.5
Musharaka	10.9	9.5	10.2	8.9	41.3	25.6
Mudharaba	0.7	2.3	2.9	3.1	3.6	6.1
Salaam	1.4	3.5	3.2	2.4	3.1	5.1
Other	3.1	4.8	5.7	6.3	17.0	14.3
Total	34.2	41.8	48.1	52.4	96.4	115.6
Percentage of total						
Murabaha	52.9	51.9	54.5	60.5	32.6	55.8
Musharaka	31.9	22.7	21.2	17.0	42.8	22.1
Mudharaba	2.0	5.5	6.0	5.9	3.7	5.3
Salaam	4.1	8.4	6.7	4.6	3.2	4.4
Other	9.1	11.5	11.9	12.0	17.6	12.4
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: Bank of Sudan

APPENDIX 8. AGRICULTURE

Table A8.1: Area cultivated for major crops (in thousand hectare)

	Sorghum	Wheat	Millet	Sesame	Groundnut	Cotton	Sunflower	Total
1970/71	4,894	116	698	743	366	484	--	7,300
1971/72	4,556	115	840	768	605	488	--	7,372
1972/73	4,095	99	1,019	1,139	657	471	--	7,480
1973/74	5,647	170	1,086	891	699	487	--	8,980
1974/75	2,231	236	1,034	871	717	488	--	5,576
1975/76	2,601	118	1,075	909	925	393	--	6,021
1976/77	2,688	253	1,073	898	761	404	--	6,078
1977/78	2,750	236	1,221	946	1,073	448	--	6,674
1978/79	2,763	230	1,238	816	936	404	--	6,387
1979/80	2,220	182	928	792	941	396	--	5,458
1980/81	2,786	175	1,039	806	852	384	--	6,042
1981/82	3,725	132	1,170	818	950	389	--	7,183
1982/83	3,386	90	951	488	624	403	--	5,942
1983/84	3,513	134	1,210	871	729	407	--	6,864
1984/85	3,195	46	1,370	731	683	398	--	6,424
1985/86	5,262	144	1,651	1,007	407	319	--	8,791
1986/87	4,725	113	1,470	893	516	331	--	8,048
1987/88	3,228	137	1,044	914	652	314	104	6,392
1988/89	5,312	157	2,271	1,118	650	316	146	9,971
1989/90	3,620	246	1,485	1,049	518	281	58	7,256
1990/91	2,628	441	630	442	212	175	94	4,622
1991/92	4,856	367	1,065	512	218	180	30	7,229
1992/93	5,905	313	1,484	1,283	479	141	88	9,693
1993/94	4,461	340	1,018	1,172	743	115	58	7,908
1994/95	6,121	265	3,083	1,282	845	175	70	11,842
1995/96	4,803	284	2,303	1,422	1,032	236	44	10,124
1996/97	6,241	314	1,556	1,772	900	276	29	11,088
1997/98	5,058	243	2,674	1,506	1,459	168	24	11,133
1998/99	6,010	135	2,631	1,337	1,353	115	18	11,599
1999/2000	4,312	88	2,280	2,071	1,443	163	20	10,376
2000/2001	3,995	114	2,095	1,791	1,393	162	5	9,555

Source: Ministry of Agriculture and Forests, Government of Sudan

Table A8.2: Production of major crops (in thousand tons)

	Sorghum	Wheat	Millet	Sesame	Groundnut	Cotton	Sunflower
1970/71	1,535	163	439	297	339	468	--
1971/72	1,592	124	441	296	387	439	--
1972/73	1,301	152	355	340	569	355	--
1973/74	1,691	235	285	244	553	429	--
1974/75	1,456	269	403	224	928	415	--
1975/76	2,143	263	388	233	782	202	--
1976/77	2,606	289	449	237	734	292	--
1977/78	2,082	312	500	263	1032	358	--
1978/79	2,353	165	552	216	806	243	--
1979/80	1,461	231	309	222	858	207	--
1980/81	2,084	218	335	221	712	183	--
1981/82	3,335	142	509	242	738	303	--
1982/83	1,884	176	227	140	455	359	--
1983/84	1,806	157	314	206	405	403	--
1984/85	1,097	79	168	130	378	415	--
1985/86	3,597	199	417	134	286	264	--
1986/87	3,277	157	285	216	379	349	--
1987/88	1,363	181	153	233	432	284	39
1988/89	4,425	247	495	194	587	329	46
1989/90	1,536	409	161	140	218	261	22
1990/91	1,180	686	85	80	123	148	23
1991/92	3,581	895	308	97	180	179	11
1992/93	4,042	453	449	266	380	108	40
1993/94	2,386	475	221	175	428	95	32
1994/95	3,648	448	973	170	714	166	48
1995/96	2,450	527	385	313	738	196	25
1996/97	4,179	642	440	416	518	189	20
1997/98	2,807	535	643	281	1104	152	11
1998/99	4,284	172	667	262	776	102	10
1999/2000	2,347	214	499	329	1047	94	8
2000/2001	2,488	303	481	282	947	148	4

Source: Ministry of Agriculture and Forests, Government of Sudan

**Table A8.3: Yield of major crops
1970/71-2000/2001 (tons/hectare)**

	Sorghum	Wheat	Millet	Sesame	Groundnut	Cotton	Sunflower
1970/71	0.31	1.41	0.63	0.40	0.93	0.97	--
1971/72	0.35	1.08	0.53	0.39	0.64	0.90	--
1972/73	0.32	1.53	0.35	0.30	0.87	0.75	--
1973/74	0.30	1.38	0.26	0.27	0.79	0.88	--
1974/75	0.65	1.14	0.39	0.26	1.29	0.85	--
1975/76	0.82	2.24	0.36	0.26	0.85	0.51	--
1976/77	0.97	1.14	0.42	0.26	0.96	0.72	--
1977/78	0.76	1.32	0.41	0.28	0.96	0.80	--
1978/79	0.85	0.72	0.45	0.26	0.86	0.60	--
1979/80	0.66	1.27	0.33	0.28	0.91	0.52	--
1980/81	0.75	1.25	0.32	0.27	0.84	0.48	--
1981/82	0.90	1.08	0.44	0.30	0.78	0.78	--
1982/83	0.56	1.96	0.24	0.29	0.73	0.89	--
1983/84	0.51	1.17	0.26	0.24	0.56	0.99	--
1984/85	0.34	1.72	0.12	0.18	0.55	1.04	--
1985/86	0.68	1.38	0.25	0.13	0.70	0.83	--
1986/87	0.69	1.39	0.19	0.24	0.74	1.05	--
1987/88	0.42	1.32	0.15	0.25	0.66	0.90	0.38
1988/89	0.83	1.57	0.22	0.17	0.90	1.04	0.31
1989/90	0.42	1.67	0.11	0.13	0.42	0.93	0.38
1990/91	0.45	1.56	0.13	0.18	0.58	0.84	0.25
1991/92	0.74	2.44	0.29	0.19	0.82	0.99	0.37
1992/93	0.68	1.45	0.30	0.21	0.79	0.76	0.45
1993/94	0.53	1.40	0.22	0.15	0.58	0.82	0.56
1994/95	0.60	1.69	0.32	0.13	0.84	0.95	0.69
1995/96	0.51	1.86	0.17	0.22	0.72	0.83	0.57
1996/97	0.67	2.05	0.28	0.23	0.58	0.68	0.68
1997/98	0.55	2.20	0.24	0.19	0.76	0.90	0.45
1998/99	0.71	1.28	0.25	0.20	0.57	0.89	0.54
1999/2000	0.54	2.44	0.22	0.16	0.73	0.58	0.41
2000/2001	0.62	2.65	0.23	0.16	0.68	0.92	0.77

Source: Ministry of Agriculture and Forests, Government of Sudan

**Table A8.4: Livestock statistics
1981/82-2000/2001 (thousand head)**

	Cattle		Sheep		Goats		Camels	
	Population	Off-take	Population	Off-take	Population	Off-take	Population	Off-take
1981/82	19,950	1,417	18,860	4,545	13,739	3,575	2,697	151
1982/83	20,910	1,694	19,543	4,886	14,186	3,717	2,748	154
1983/84	21,319	1,919	19,832	5,176	14,247	3,776	2,801	179
1984/85	20,941	2,094	19,709	5,519	14,265	4,023	2,806	247
1985/86	19,631	1,178	18,690	4,673	13,799	3,726	2,712	184
1986/87	19,737	1,480	18,806	4,570	13,942	3,767	2,705	176
1987/88	19,858	1,509	19,207	4,706	14,195	3,833	2,722	191
1988/89	20,167	1,553	19,668	4,838	14,481	3,910	2,732	199
1989/90	20,583	1,605	20,168	4,981	14,845	4,008	2,742	200
1990/91	21,028	1,619	20,701	8,382	15,278	5,246	2,757	320
1991/92	21,630	2,283	23,403	9,314	18,650	6,399	2,787	319
1992/93	25,091	3,223	26,517	10,721	22,693	7,782	2,849	377
1993/94	27,571	4,143	30,977	12,706	27,567	9,673	2,886	422
1994/95	30,077	4,610	37,146	16,882	33,319	11,960	2,903	453
1995/96	31,669	5,794	37,202	16,882	35,215	14,683	2,915	472
1996/97	33,102	6,055	39,835	18,075	36,037	14,982	2,936	486
1997/98	34,584	6,635	42,363	19,221	36,498	15,153	2,974	498
1998/99	35,825	6,932	44,802	20,154	37,346	15,249	3,031	511
1999/2000	37,093	7,265	46,095	20,545	38,548	15,381	3,108	526
2000/2001	38,325	7,610	47,043	20,909	39,952	15,389	3,203	516

Source: Ministry of Agriculture and Forests, Government of Sudan

**Table A8.5: Production of livestock products
(1987/88-1999/00)**

	Meat (‘000 tons)	Poultry meat (‘000 tons)	Eggs (‘000 tons)	Milk (‘000 tons)	Fish (‘000 tons)	Hides (‘000 pieces)
1987/88	320	16	24	1913	30	8,724
1988/89	328	17	25	1945	28	8,916
1989/90	338	17	26	1987	29	9,139
1990/91	455	18	22	2402	30	9,374
1991/92	610	19	28	4606	32	13,109
1992/93	868	25	30	4353	36	15,262
1993/94	1,137	27	33	5198	40	17,458
1994/95	1,287	29	35	5955	45	21,793
1995/96	1,275	22	25	5786	47	22,284
1996/97	1,331	18	20	6001	50	22,756
1997/98	1,422	15	18	6230	52	23,033
1998/99	1,463	15	20	6650	53	24,967
1999/2000	1,522	15	21	6879	56	26,384

Source: Ministry of Agriculture and Forests, Government of Sudan

**Table A8.6: Comparison of potential, research, and farmer yields for major crops in the Gezira
Irrigation Scheme (1999/2000)**

Type of Crop	Yields		
	Potential Yield	Research Yield	Farmer Yields
	kantar cotton seed per feddan		
Cotton (variety)			
Extra Long (Barakat)	16	12	4.5
Long (Shambat)	18	14	5.0
Medium (Acala)	22	18	5.5
		(tons per feddan)	
Wheat	2.5	2.0	0.6
Sorghum	2.5 (open) 3.0 (hybrid)	2.3 (open) 2.7 (hybrid)	0.8
Groundnut	2.8	2.0	1.2
Onions	16	12	8

Source: Agricultural Research Corporation, Wad Medani.

Note: 1 Kantar = 315 lbs of seed cotton; 1 feddan = 1.038 acres = 0.42 hectare.

Potential yield = the genetic yield potential under optimal growing conditions.

Research yield = yield under a standard set of practices and research management.

Farmer yield = the average yield on farmers'/tenants' fields.

Table A8.7: Area, production and yield of crops under irrigation (area in '000 ha, production in thousand tons and yield in ton/ha)

	Sorghum			Wheat			Millet			Groundnuts			Cotton		
	Area	Production	Yield	Area	Production	Yield	Area	Production	Yield	Area	Production	Yield	Area	Production	Yield
1970/71	1664	607	0.36	116.0	163	1.41	7.2	7	0.97	104.4	145	1.39	405.6	713	1.76
1971/72	1239	507	0.41	115.2	124	1.08	1.2	1	0.83	66.8	111	1.66	406.8	662	1.63
1972/73	1119	600	0.54	96.0	152	1.58	3.6	4	1.11	108.4	278	2.56	413.6	531	1.28
1973/74	545.0	292	0.54	170.0	235	1.38	2.8	2	0.71	117.6	262	2.23	417.2	655	1.57
1974/75	181.6	197	1.08	236.4	269	1.14	2.8	2	0.71	153.6	455	2.96	431.6	632	1.46
1975/76	255.2	300	1.18	117.6	263	2.24	--	--	--	212	392	1.85	321.2	294	0.92
1976/77	220.4	237	1.08	253.2	289	1.14	--	--	--	138.4	260	1.88	341.6	433	1.27
1977/78	208.4	262	1.26	235.6	312	1.32	8.8	9	1.02	152.4	426	2.80	374.8	534	1.42
1978/79	236.0	245	1.04	229.6	165	0.72	8.0	8	1.00	125.2	247	1.97	353.6	374	1.06
1979/80	175.2	169	0.96	181.6	231	1.27	4.0	2	0.50	163.2	406	2.49	362.4	314	0.87
1980/81	205.6	170	0.83	174.8	218	1.25	7.2	4	0.56	79.6	159	2.00	325.6	266	0.82
1981/82	264.0	334	1.27	131.6	142	1.08	6.0	5	0.83	164.4	178	1.08	329.6	456	1.38
1982/83	195.2	194	0.99	90.0	176	1.96	6.8	4	0.59	70.4	140	1.99	349.2	556	1.59
1983/84	294.8	359	1.22	134.0	157	1.17	10.8	14	1.30	94.0	172	1.83	352.4	611	1.73
1984/85	306.4	436	1.42	46.0	79	1.72	12.4	11	0.89	130.4	257	1.97	346.8	625	1.80
1985/86	449.2	660	1.47	144.0	199	1.38	8.8	7	0.80	58.4	94	1.61	297.2	400	1.35
1986/87	332.0	454	1.37	112.8	157	1.39	6.0	5	0.83	93.2	186	2.00	315.6	536	1.70
1987/88	284.4	352	1.24	137.2	181	1.32	5.2	4	0.77	100.4	198	1.97	297.2	438	1.47
1988/89	338.4	468	1.38	157.2	247	1.57	5.2	4	0.77	86.8	189	2.18	289.6	498	1.72
1989/90	302.0	392	1.30	245.6	409	1.66	2.4	1	0.42	63.6	119	1.87	268.8	401	1.49
1990/91	372.0	516	1.39	440.0	685	1.56	--	--	--	51.2	101	1.97	170.0	228	1.34
1991/92	550.4	886	1.61	357.2	833	2.33	2.8	2	0.71	53.6	114	2.13	145.2	262	1.80
1992/93	488.4	769	1.57	306.8	440	1.43	4.4	4	0.91	119.2	235	1.97	128.4	166	1.29
1993/94	361.6	602	1.66	340.4	475	1.40	0.8	1	1.25	117.2	254	2.17	111.2	144	1.29
1994/95	472.4	726	1.54	262.4	445	1.70	4.0	2	0.50	119.6	262	2.19	168.0	256	1.52
1995/96	294.8	513	1.74	276.4	520	1.88	3.2	2	0.63	140	326	2.33	213.6	300	1.40
1996/97	350.8	888	2.53	302.8	628	2.07	4.0	2	0.50	143.6	342	2.38	234.4	286	1.22
1997/98	334.4	678	2.03	239.6	532	2.22	0.4	1	2.50	143.2	310	2.16	154.4	234	1.52
1998/99	358.8	536	1.49	131.6	169	1.28	4.8	2	0.42	87.6	168	1.92	98.8	157	1.59
1999/00	337.6	579	1.72	84.8	211	2.49	2.0	1	0.50	108.8	218	2.00	150.4	145	0.96
2000/01	416.0	905	2.18	111.2	299	2.69	2.4	2	0.83	104.8	203	1.94	154.4	230	1.49

Source: Ministry of Agriculture and Forests, Government of Sudan

**Table A8.8: Agricultural GDP in 1981/82 constant prices
(million Sudanese Dinar),**

	Crops	Livestock	Forestry	Fisheries	Total
1981/82	--	--	--	--	257.4
1982/83	--	--	--	--	234.6
1983/84	--	--	--	--	223.7
1984/85	--	--	--	--	196.4
1985/86	121.0	78.2	25.8	2.9	227.8
1986/87	140.1	84.9	22.2	3.4	250.5
1987/88	105.0	88.2	22.7	3.4	219.2
1988/89	172.5	91.9	23.4	3.4	291.2
1989/90	107.7	97.0	24.0	3.6	232.3
1990/91	99.3	102.1	24.2	3.7	229.2
1991/92	148.6	107.9	25.2	3.7	285.4
1992/93	152.5	107.2	26.8	3.7	290.1
1993/94	121.6	124.8	28.4	4.6	279.3
1994/95	157.2	147.2	16.4	5.4	346.9
1996	192.8	169.6	4.5	6.2	373.0
1997	225.1	176.3	5.5	6.5	413.3
1998	229.4	183.7	41.7	6.3	461.2
1999	233.2	275.2	3.4	6.2	518.0
2000	--	--	--	--	504.4
2001	--	--	--	--	546.8
2002	--	--	--	--	598.1

Source: Ministry of Agriculture and Forests, Government of Sudan

**Table A8.9: Domestic and export prices of gum Arabic
(1969/70-2000/01)**

	Domestic floor price Dinar/ton	Domestic auction price Dinar/ton	Export price US \$/ton
1969/70	10	13	255
1970/71	10	13	253
1971/72	10	14	255
1972/73	10	14	275
1973/74	18	24	938
1974/75	34	43	1,625
1975/76	20	29	1,250
1976/77	20	29	1,250
1977/78	20	29	1,250
1978/79	25	36	1,250
1979/80	28	40	1,380
1980/81	36	50	1,450
1981/82	42	59	1,450
1982/83	61	84	1,450
1983/84	89	126	1,450
1984/85	116	156	1,600
1985/86	205	280	1,900
1986/87	668	846	4,950
1987/88	890	1113	4,950
1988/89	890	1146	2,800
1989/90	890	1224	2,300
1990/91	957	1247	2,300
1991/92	2938	4140	2,550
1992/93	17808	24486	3,200
1993/94	38955	49417	4,000
1994/95	77910	99057	4,200
1995/96	55650	85701	3,500
1996/97	55650	77354	2,200
1997/98	44520	71232	1,200
1998/99	46746	75684	1,200
1999/2000	48972	73458	1,250
2000/2001	66780	97944	1,250

Source: The Sudanese Gum Arabic Co., Ltd., 2001

APPENDIX 9. INDUSTRY

**Table A9.1: Industrial production
(1988/89-2000)**

Commodity	Unit	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995	1996	1997	1998	1999	2000
Food and beverages														
Sugar	000 tonnes	354	387	433	471	470.3	423.1	428	459	501	557	610	664	662
Molasses	000 tonnes	--	135	150	165	165	148	150	160	175	195	215	225	233
Soft drinks	Million boxes	10.8	6	6.7	8.7	9.7	10	12.3	16	13	15	17	18	20
Biscuit	000 tons	--	2.3	4.2	3.5	8.9	10.1	10.1	12.25	12.5	20	24	35	39.4
Sweet & Tahnia	000 tons	--	10	20.8	12.9	11.6	18.3	13.5	25	26	35	60	63	65
Jam	000 tons	--	1.1	1.3	2.6	0.8	0.4	0.2	1.4	1.5	2.5	2.8	5	8
Juices		--	0.4	0.4	0.5	0.8	0.4	0.2	1.2	1.2	2.4	3.5	9	17
Flour	000 tonnes	444.9	342	520	439	382	240	295	280	265	324	310	532	600
Vegetable oils	000 tonnes	141	92	67	72	60	80	50	112	100	116	120	100	120
Starch & glucose	000 tonnes	--	2.3	0.7	1.4	2.47	5.5	6.5	6.5	5.2	6.1	--	2.6	1.1
Textiles & apparel														
R. Made clothing	000 tonnes	--	12	18	3.6	1.2	1.1	--	--	--	12	15	30	--
Spinning	000 tonnes	--	9.5	10	11.5	11.4	9.4	7.5	10.7	12	11	8.6	8.5	8
Textiles	Million yards	34.9	45	48	53	63	43	30	34	31	31	26	35	35
Shoes	Million pairs	--	--	25	26	28.2	30.6	32.7	--	35.6	42.3	46.3	48	50
Other consumer goods														
Cigarettes	Million sticks	1.7	0.97	1.06	1.84	1.76	1.81	1.8	2.2	1.7	2.2	2.22	2.25	2.32
Tires & tubes	Thousands	216	93	154	229	206	95	133	--	456	183	207	173	211.6
Soap	000 tonnes	--	49.5	53.5	55.7	59.2	65	35	55	76.2	49	61	80	100
Fodder	000 tonnes	--	14	6	5	7.5	6.4	--	12	48	43	49	51	--
Refrigerators	Unit	--	--	--	4987	7480	8366	2554	4038	6626	7258	9374	18000	25438
Matches	000 tonnes	1.7	225	--	100	--	--	--	--	--	30	231	271	204
Intermediate goods														
Cement	000 tonnes	139	170	151	170	158	153	247	273	286	290	206	266	161
Hides & skin	Million unit	--	3.6	3.1	3	3.5	3.9	5.4	6.4	8.8	7	8.4	17.4	8.5
Paints	000 tonnes	--	5	4.4	3.1	3.4	3.8	3	3	3	3.5	4.7	16.7	18

Source: Ministry of Industry, Republic of Sudan

Table A9.2: Average capacity utilization in the industrial sector (percent)

	1994/95	1995	1996	1997
Food & beverages				
Flour	25	29	31	21
Sugar	63	69	68	74
Vegetable oils	15	12	17	19
Soft drinks	48	55	42	50
Textiles & apparel				
Textiles	10	8	9	10
Shoes	30	34	28	31
Other consumer goods				
Cigarettes	19	18	23	28
Intermediate goods				
Cement	65	59	75	88

Source: Ministry of Industry, Republic of Sudan

Table A9.3: Value added in selected industries at constant prices (billion Sudanese Dinar)

	1992/93	1993/94	1994/95	1996	1997	1998
Manufacturing (Incl. Mining)	51.6	50.3	67.5	104.3	105.5	111.8
Mining	1.2	1.2	1.3	9.0	10.5	10.5
Manufacturing	50.4	49.1	66.2	95.3	95	101.3
Selected industries	40.9	36.0	34.8	40.7	56.6	58.2
Food & beverages	30.1	20.8	19.3	22.7	21.6	22.9
Flour	7.2	5.7	4.1	5.1	3.4	3.5
Sugar	7.2	6.5	6.5	7.0	7.7	8.8
Vegetable oils	12.1	6.0	6.0	7.9	7.8	7.8
Soft drinks	3.7	2.6	2.7	2.7	2.7	2.9
Textiles & apparel	4.2	3.9	3.9	5.2	22.1	23.0
Textiles	3.1	3.3	1.3	0.8	1.6	1.4
Shoes	1.2	0.6	2.5	4.4	20.5	21.6
Other consumer goods	2.1	3.2	2.5	2.5	3.3	3.4
Cigarettes	1.4	3.0	2.2	2.0	3.1	3.1
Tires	0.7	0.3	0.3	0.5	0.2	0.2
Intermediate goods	4.4	8.1	9.1	10.3	9.7	9.0
Cement	0.6	0.6	0.8	1.3	1.0	2.3
Petroleum products	3.9	7.4	8.3	9.0	8.7	6.7
Other	9.5	13.1	31.4	54.6	38.4	43.1

Source: Ministry of Industry, Republic of Sudan

**Table A9.4: Consumption of petroleum products
(thousand metric tons)**

	1993	1994	1995	1996	1997	1998	1999	2000
Gasoline	181.9	193.9	179.8	217.7	203.1	248.2	242.2	274.9
Kerosene	3.0	6.1	3.8	10.0	9.1	9.2	7.0	2.0
Gas oil	646.5	778.2	715.1	766.6	812.1	846.5	825.7	849.3
Furnace 1500 (Fuel oil)	252.1	384.1	340.4	280.9	247.4	188.2	288.8	340.3
Airplane gas	80.0	83.4	79.4	65.9	75.8	106.0	102.7	115.7
Diesel	31.0	40.9	45.4	42.0	34.5	35.0	47.5	73.6
LPG	--	--	16.8	19.4	22.1	24.0	27.6	29.5
Total	1194.7	1486.6	1382.3	1403.7	1431.6	1458.3	1542.0	1685.9

Source: Ministry of Energy and Mining, Republic of Sudan

**Table A9.5: Exports and imports, petroleum and oil
(thousand metric ton)**

	1993	1994	1995	1996	1997	1998	1999	2000
Imports of petroleum products	1120.1	1337.3	1275.1	1362	1367.4	1204.2	1166.4	2325.1
Exports of Petrol Products	--	--	--	--	--	--	--	411.5
Exports of crude petroleum	--	--	--	--	--	--	2148.5	7535.6

Source: Ministry of Energy and Mining, Republic of Sudan

Table A9.6: Summary table from the Sudanese National Electricity Corporation

	1994/95	1995	1996	1997	1998	1999	2000
Energy generated (GWH)	1864	994	2063	2150	2160	2243	2449
Energy sales (GWH)	1343	736	1380	1344	1517	1317	1416
Residential and staff	780	437	774	664	713	619	651
Of which: staff	22	11	38	--	--	--	--
Government & street lighting	78	40	106	95	273	237	167
Commercial	74	40	80	116	152	619	116
Industrial	378	200	388	469	349	--	426
Agricultural pumps	33	19	32	--	30	26	27
GWH losses & internal consumption	521	258	683	806	644	927	922
Revenue from electricity sale (SDD million)	28409	19419	7135	9463	10591	17270	22763
Number of consumers ^{a/}	39044	405414	407559	407565	444224	518000	414295
Number employees	11846	11374	10174	17255	17500	10500	17850
NEC fuel consumption ('000 ton) ^{b/}	280	124	321	355	295	315	389

Source: National Electricity Corporation, Republic of Sudan

a/ Refers to number of connections.

b/ Refers to fuel oil, diesel, and gas oil

GWH: giga watt hour

Table A9.7: Tariffs for electricity consumers (Sudanese Dinar/kwh)

	1996	1997	1998	1999	2000
Industrial	9	8	12	13	16
Domestic (households)	8	9	11	11	18
Agriculture	5	6	10	11	15
Unified (incl. Commercial, govt., semi- govt)	15	16	20	21	27
Government offices	--	9	16	17	21

Source: National Electricity Corporation

kwh: kilo watt hour

APPENDIX 10. PRICES

**Table A10.1: Consumer price index 1970-2001
(January 1990=100)**

Year	High income group		Medium income group		Low income group		General price index	
	CPI	% change	CPI	% change	CPI	% change	CPI	% change
1970	1.1	--	--	--	1.0	--	1.0	--
1971	1.1	0.0	--	--	1.0	0.0	1.1	10.0
1972	1.2	9.1	--	--	1.1	10.0	1.2	9.1
1973	1.4	16.7	--	--	1.3	18.2	1.4	16.7
1974	1.7	21.4	--	--	1.7	30.8	1.7	21.4
1975	2.1	23.5	--	--	2.1	23.5	2.1	23.5
1976	2.1	0.0	--	--	2.1	0.0	2.1	0.0
1977	2.5	19.0	--	--	2.4	14.3	2.5	19.0
1978	3.0	20.0	--	--	2.8	16.7	2.9	16.0
1979	4.0	33.3	--	--	3.8	35.7	3.9	34.5
1980	5.0	25.0	--	--	4.8	26.3	4.9	25.6
1981	6.1	22.0	--	--	5.9	22.9	6.0	22.4
1982	7.9	29.5	--	--	7.5	27.1	7.7	28.3
1983	10.4	31.6	--	--	9.8	30.7	10.1	31.2
1984	13.6	30.8	--	--	13.1	33.7	13.4	32.7
1985	20.0	47.1	--	--	19.1	45.8	19.6	46.3
1986	25.6	28.0	--	--	24.7	29.3	25.2	28.6
1987	31.8	24.2	--	--	31.1	25.9	31.4	24.6
1988	46.6	46.5	--	--	47.2	51.8	46.9	49.4
1989	81.7	75.3	--	--	81.6	72.9	81.6	74.0
1990	135.0	65.2	134.3	--	137.5	68.5	134.9	65.3
1991	295.7	119.0	306.0	127.8	305.0	121.8	303.1	124.7
1992	666.4	125.4	665.9	117.6	650.9	113.4	664.3	119.2
1993	1338.2	100.8	1340.4	101.3	1310.7	101.4	1336.4	101.2
1994	2899.9	116.7	2888.3	115.5	2843.2	116.9	2896.2	116.7
1995	4944.2	70.5	4863.2	68.4	4787.5	68.4	4876.5	68.4
1996	11040.0	123.3	11317.6	132.7	11263.5	135.3	11235.5	130.4
1997	16179.1	46.5	16604.3	46.7	16491.1	46.4	16475.1	46.6
1998	18891.3	16.8	19444.9	17.1	19298.6	17.0	19276.8	17.0
1999	22037.5	16.7	22555.0	16.0	22336.1	15.7	22388.3	16.1
2000	23787.4	7.9	24366.9	8.0	24206.3	8.4	24190.1	8.0
2001	24985.8	5.0	25553.9	4.9	25370.1	4.8	25377.5	4.9

Source: Central Bureau of Statistics, Ministry of Finance and National Economy

**Table A10.2: Monthly consumer price index
(January 1990=100)**

	High Income Groups				Medium Income Groups				Lower Income Groups			
	1998	1999	2000	2001	1998	1999	2000	2001	1998	1999	2000	2001
January	18014	20129	22878	23615	18512	20389	23395	24281	18385	20256	23200	24227
February	17690	20226	22927	23450	18085	20522	23301	24006	17977	20364	23094	23933
March	17253	20572	23610	23710	17570	20896	23993	24260	17483	20759	23776	24163
April	17132	20851	23346	23807	17329	21206	23737	24266	17208	21012	23528	24178
May	18187	21345	23282	24705	18715	21807	23738	25377	18568	21619	23529	25290
June	18731	22932	23794	25587	19381	23664	24291	26183	19187	23441	24033	26018
July	19750	23216	24634	26328	20601	23934	25451	27098	20362	23632	25168	26848
August	19769	22997	24830	26581	20594	23652	25772	27453	20396	23354	25626	27097
September	19954	22728	24378	25648	20560	23228	25207	26201	20396	22959	25155	25922
October	19996	22788	23579	25126	20626	23317	24151	25454	20536	23043	24090	25175
November	20363	23631	24250	25353	21124	24362	24889	25783	20969	24106	24861	25554
December	19857	23035	23939	25919	20242	23686	24478	26284	20116	23488	24417	26034
Annual average	18891	22037	23787	24986	19445	22555	24367	25554	19299	22336	24206	25370

Source: Central Bureau of Statistics, Ministry of Finance and National Economy

**Table A10.3: Wholesale price indices of selected commodities
(January 1999=100)**

	1999	2000	2001	2002*
Dura grain (Dap)	109.7	162.2	168.6	113.1
Dura grain (Fet)	111.3	225.3	255.5	165.9
Dukhn grain	110.9	181.6	216.9	157.1
Wheat grain	117.7	125.2	116.0	91.0
Wheat flour	103.6	103.5	98.8	97.3
Rice	108.5	107.1	77.2	94.2
Macroni	103.4	105.7	104.4	106.6
Shearia	103.4	105.7	103.3	105.5
White cheese	112.4	119.5	130.4	113.6
Sesame seed oil	92.1	79.0	64.9	60.4
Groundnut oil	103.7	72.9	66.3	78.1
Cotton seed oil	81.1	58.1	42.9	53.0
Onions	90.8	74.7	100.4	60.7
Tomatoes	537.0	604.1	691.1	709.2
Cucumber	150.5	155.6	169.5	188.8
Dried bamia	67.8	84.5	81.3	93.5
Tomato sauce	105.9	114.4	93.3	91.5
Bean (Egyptian)	156.7	158.3	93.2	102.7
Fasulia (White beans)	95.6	70.0	65.5	72.6
Lentils	103.8	97.1	81.8	85.7
Lemon	74.1	48.0	58.5	78.3
Grap fruit	133.1	114.3	127.4	164.4
Oranges	113.8	103.8	126.3	143.5
Mangoes	116.1	136.2	145.2	137.2
Gawafa	117.3	101.2	103.7	107.3
Dried dates	86.5	56.7	56.7	69.3
Potatoes	126.6	110.6	80.4	113.2
Sugar	109.9	112.7	122.3	124.5
Tea	97.9	101.1	106.3	104.9
Washing soap	96.7	79.2	62.0	72.8
Washing powder	111.5	120.0	119.3	121.2
General Index	103.0	100.0	93.8	95.3

* Average for the months of January and February

Source: Central Bureau of Statistics, Ministry of Finance and National Economy

Table A10.4: Consumer prices of selected commodities in Khartoum state in 2001
(Dinars per unit)

	Unit	January	February	March	April	May	June	July	August	September	October	November	December	Average
Dura grain (Dap)	Ruba	527.8	515.6	499.7	488.5	499.9	477.4	484.0	480.0	462.5	419.5	412.9	405.4	472.7
Dura grain (Fet)	Ruba	454.2	414.9	427.1	428.5	427.2	413.0	405.6	431.9	385.8	347.2	349.3	327.8	401.0
Dukhn grain	Ruba	564.6	577.9	572.2	577.2	574.1	558.0	575.7	579.9	569.3	559.0	531.2	492.0	560.9
Wheat grain	Ruba	598.9	601.7	654.9	565.3	551.4	520.2	514.9	549.0	528.5	507.6	524.0	514.9	552.6
Rice	Kilo	167.4	179.0	176.6	175.7	180.4	182.7	172.8	164.4	163.7	157.3	166.1	149.7	169.6
Dura flour	Kilo	87.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	83.3	83.3	86.5	78.4
Wheat flour	Kilo	125.0	125.0	125.0	133.8	116.7	116.7	125.0	125.0	141.7	125.0	125.0	125.0	125.7
Kisera	2 sheets	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Bread	Kilo	143.7	141.7	149.8	144.7	170.4	170.1	171.3	167.5	172.9	172.5	169.4	172.5	162.2
Macroni	Kilo	390.1	400.7	415.3	407.0	418.4	420.0	410.7	400.9	401.4	401.4	399.8	407.6	406.1
Shearia	Kilo	390.1	400.7	415.3	407.4	430.2	420.0	410.7	400.9	401.4	396.4	399.8	407.6	406.7
Lamb meat	Kilo	723.6	710.4	702.1	684.3	660.8	691.7	702.1	681.3	666.7	611.8	604.2	627.1	672.2
Cow meat	Kilo	586.1	582.6	578.5	580.6	580.6	594.9	600.0	594.4	567.4	506.3	508.0	510.4	565.8
Chicken	Kilo	845.8	843.8	837.5	803.3	826.6	890.0	897.1	899.0	871.9	893.8	893.8	909.4	867.6
Fish, fresh	Kilo	448.6	427.4	424.5	415.3	430.3	461.1	481.3	487.2	506.3	506.3	479.5	477.8	462.1
Fish, dried	Kilo	376.2	364.8	370.8	346.9	328.6	366.2	394.1	414.2	477.6	458.4	377.3	417.7	391.1
Milk	500 ml	66.7	66.7	67.5	66.7	66.7	66.7	66.7	66.7	67.5	71.7	73.3	72.9	68.3
White cheese	Kilo	753.8	734.0	714.6	740.3	728.2	731.7	776.9	834.7	800.7	790.5	773.3	780.2	763.2
Eggs	Dozen	276.6	266.2	259.9	258.8	264.6	265.0	269.8	278.1	268.8	267.1	266.7	266.7	267.3
Sesame oil	Rottle	158.6	149.4	147.2	149.8	150.6	154.5	150.0	153.1	153.1	151.0	151.1	146.5	151.2
Cotton seed oil	Rottle	110.7	108.5	109.2	105.2	104.1	103.8	104.6	106.7	102.7	103.3	100.0	100.0	104.9
Groundnut oil	Rottle	105.2	103.8	104.4	104.3	103.0	100.8	101.7	106.7	102.8	101.6	100.5	100.0	102.9

Source: Central Bureau of Statistics, Ministry of Finance and National Economy